



Industrial Plumbing Supply
TMS SOUTHWEST
Repair Parts and Fixtures
PH: 650 368-8517 Fax: 650 367-0732

KOHLER

American Standard

ZURN

ASI
AMERICAN SPECIALTIES, INC.

SYMMONS
the smart choice™

Price **Pfister**™
GROHE
ENJOY WATER®



MOEN

CHICAGO FAUCETS
a Geberit company

TOTO



BOBRICK

Bradley



Central Brass
COMPANY
A Division of Pioneer Industries, Inc.

Church
The Best Seat in the House.

DELTA



POWERS™
Water Tempering Innovation Since 1891

FLORESTONE
A Spec Above™

SLOAN

FLUSHMATE™



COPPERFIT INDUSTRIES INC.

dahl
Turn to Quality. Turn to Dahl.™

DELTA
Architectural Hardware

Dormont

DURHAM
MANUFACTURING

Ferrico
Inc.

Fluidmaster

General
PIPE CLEANERS



Bell & Gossett

GENERAL PARTITIONS
Mfg. Corp.

Halsey Taylor



Haws
corporation

HINY HIDERS



John Guest

JSC
Jones Stephens Corp.

LEGEND VALVE

LEONARD
WATER TEMPERATURE CONTROLS



Metcraft
INDUSTRIES INCORPORATED

MIFAB

OASIS
DAMS INTERNATIONAL

PASCO

POWERS

TERMS AND CONDITIONS OF SALES



TERMS

MINIMUM ORDER IS \$35.00. Net 30 days from the invoice date. Finance charges will be added to past due invoices. All orders are subject to credit approval. Industrial Plumbing Supply accepts Visa, Mastercard, and American Express.



FREIGHT

Freight charges will be added to the invoice. Most shipments are via UPS. Unusually large or heavy orders may ship via Common Carrier.

CLAIMS, DEFECT & DAMAGES

Claims for shortages, damages or defects must be made within 10 days of the invoice date. Common Carrier deliveries must be inspected before signing bill of lading. Defective items will be replaced at no charge. Items misused or damaged by customer are non-returnable.

RETURNS

All returns must be pre-approved and assigned a return goods authorization before returning. Special or customized orders are non-returnable. All returns subject to inspection. Returns must be within 30 days of the invoice date, and returns must be in their original condition and packaging. Returns may be subject to a restocking charge.

PRICES & TAXES

Prices are subject to change without notice. All sales & usage taxes are paid by the buyer unless a tax exemption certificate is filed with Industrial Plumbing Supply.

WARRANTY

Industrial Plumbing Supply acts as a warrantor only on behalf of manufacturers written policy. No other warranties are expressed or implied.

HOW TO ORDER

Call our Toll Free Customer Service Line at 877-477-2930, fax your order to 650-367-0732, or place orders with your Industrial Plumbing Supply Representative.



CONTENTS

ACCESS PANELS.....	376	COPPER FITTINGS.....	288-290
ACORN.....	123, 236-237	CORNER GUARDS.....	389
A.D.A. WASHROOM	384	COVERS & GRATES	208
ADD-A-VALVE	282	DAHL.....	108
AERATORS & ADAPTERS	121-122	DELANY.....	49-50
AIR FRESHENER	383	DELTA.....	96, 137, 154, 156
AMES BACKFLOW REPAIR.....	258-259	DIES	315, 329, 331
ANCHORS.....	421	DIPPERWELL.....	212
ANTIMICROBIAL.....	202-205	DOOR	
ASI.....	380, 382	Bumpers.....	395
BACKFLOW PREVENTION	256-271	Closers.....	398-401
BALLCOCKS.....	172, 176	Pulls	405
BALL VALVES	282	Seals	406
BASKET STRAINERS.....	220	Stops.....	394-396
BELL & GOSSETT	349-352	Sweeps	408
BITS & KITS	323	DRAIN CLEANERS	309-310, 312
BLACK IRON FITTINGS	296-297	DRILL BITS	326-327, 334
BOBRICK	379-381, 383-384	DRINKING FOUNTAIN REPAIR.....	235-253
BOLTS	397, 435	DRINKING FOUNTAIN UNITS	228-237
BOTTLE FILLER	226-227, 231	DRYWALL SCREWS.....	428
BRADLEY.....	125-130, 380-381	ELECTRICAL	
BUMPERS, HOOKS & PULLS.....	378-379	Batteries.....	443
CAFETERIA & KITCHEN	221	Connectors.....	443
CAMERAS.....	313	Devices	444
CASTERS.....	412	Extension Cords.....	443
CEILING TILE PAINT	305	Plugs	443
CHALKBOARD.....	376	Wall Plates	445
CHANNELLOCK.....	325	Wire Connectors	442
CHECK VALVES	86, 283	ELECTRONIC FAUCET PARTS.....	79,87-95, 101-103, 105-107
CHEMICALS.....	302-306	ELECTRONIC FAUCETS.....	78, 96-99
CHICAGO FAUCET		ELKAY FOUNTAINS & PARTS.....	230-232, 239-240
• Aerators	122	EMERGENCY EXIT LIGHT	442
• Bibb Faucet	282	EXTRA LARGE DRAWERS	420
• Electronic Faucets	96	EYEWASH.....	340-341
• Electronic Faucet Parts	101-103	FAUCET PARTS.....	124, 131, 137-139, 143, 146-148
• Faucets.....	71-74, 96	FAUCET WASHERS	149
• Glass Filler.....	222	FAUCETS	
• Grid Strainer	77, 113	• Budget	76
• Manual Faucet Parts	132-135	• Electronic.....	78, 80-83, 96-97
• Pedal Valve Parts	136	• Manual	71-76
• Pre-Rinse Spray Valve.....	214	FEBCO BACKFLOW REPAIR.....	262-263
• Sink Packages.....	197	FERNCO	115
• Spouts	150-151	FILTERS	223
• Thermostatic Mixing Valve.....	86	FITTINGS	
• Vacuum Breakers	254	Black Iron Fittings.....	296-297
CHILLERS.....	234	Chrome Fittings.....	294
CHROME FITTINGS	294	Compression Fittings-Brass	286-287
CLAMPS.....	115, 348	Copper Fittings.....	288-290
CLOSET REPAIR	167-176	Plastic-DWV Fittings	300-301
CLOSETS.....	183-191	Plastic Speedfit	285
CLOSET & URINAL REPAIR.....	167	Pneumatic Brass Fittings	295
COMPRESSION FITTINGS BRASS	286-287	Sharkbite.....	284
CONBRACO BACKFLOW REPAIR	260-261		



CONTENTS

FLAPPERS & BALLS	171	PAPER TOWEL DISPENSERS	383
FLOOD GUARDS	209	PARTITION	
FLUSHMATE - CLOSET REPAIR	173	• ADA	358-359
FLUSH VALVES	174-176	• Brackets	367
GARDEN HOSE	272	• Complete	356-357
GAUGE GLASS	346	• Door Parts	362
GAUGES	347	• Doors	360
GENERAL WIRE	309-310	• Fasteners	375
GLASS FILLERS	222	• Hinge Repair	371-373
GLIDES	413-415	• Hinges	368-370
GLOVES	339	• Latches	363-364
GRAB BARS	384	• Misc	374
GRATES & DRAINS	206-207	• Screens	361
HALSEY TAYLOR	233-235, 239-242	• Strike & Keepers	365-366
HAND DRYERS	386-388	PEDAL VALVE PARTS	136
HAND HOLE GASKETS	352	PERSONAL SHOWER	154
HAND SANITIZER	383	PIPE FITTINGS BRASS	292-293
HAND SHOWER	154, 156, 204	PIPE WRENCHES	320
HANDRAIL BRACKETS	377	PLASTIC-DWV FITTINGS	298-301
HANGERS	166	PLASTIC SPEEDFIT	285
HAWS	243-244	PLASTIC TUBULAR	114
HEATING	346, 348-349-352, 354-355	PLUGS & TOOLS	209
HEX NUTS	438	PNEUMATIC BRASS FITTINGS	295
HOLE SAWS	333	POWERS	140-142
HOOKS	378	PRE-RINSE & PARTS	210-215
HOSE BIBBS	282	PRESSURE RELIEF VALVES	348
HOSE REPAIR	273-274	PRO PRESS FITTINGS	291
HYDRANT REPAIR	275-281	PULL PLATES	404
INSINKERATOR	224-225	PUMP COUPLERS	349
INSPECTION TOOLS	313	PUMPS & PUMP REPAIR	348-352, 354-355
JOHN GUEST	285	PUSH-FIT COPPER FITTINGS	284
KICK PLATES	402	PUSH PLATES	403
KITCHEN FAUCETS	73-76, 96, 210-212	PVC-DWV FITTINGS & CEMENT	298-301
KITCHEN REPAIR	214	RECIPROCATING SAW BLADES	335
KITCHEN SINK	216-220	RIDGID	
LAV DRAINS	77, 113	Cables	311
LAV SHIELDS	385	Drain Cleaners	310
LEVER HANDLE WASTE	216	Wrenches	320
LEVER WASTE	219	SAFETY	
LOCKER	416-417	Equipment Repair	342-345
LOCKOUT DEVICES	341	Glasses	338
LOUVRES	376	SAFETY EQUIPMENT REPAIR	342-345
MACHINE SCREWS	431-432	SAFETY GLASSES	338
MANUAL FAUCET PARTS	132-152	SAWS & BLADES	336-337
MEGAPRO DRIVERS	324	SECURITY SCREWS	426, 440-441
MIRRORS	384	SELF-DRILLING SCREWS	427
MOEN	51, 139, 254	SCREWS	375, 423-428, 431-434, 436-437, 440-441
NUTSERTS	422	SHARKBITE	284
O RINGS	117-120	SHOWER	
OASIS BREAKDOWNS & PARTS	248-253	Heads	155
P-TRAPS	110, 114	Hose	154
		Valves & Parts	130, 138-147, 153



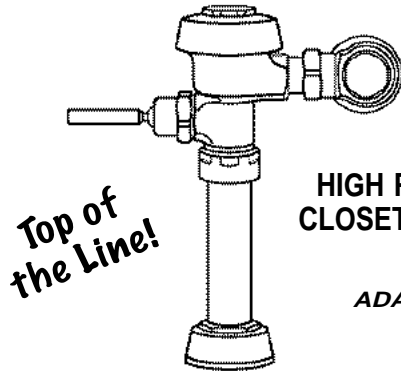
CONTENTS

SIDE MOUNT OPERATORS.....	26, 50	STOP VALVES	108
SIGNS	390-393	STORAGE	321, 418-420
SINKS.....	183, 197-198	SULFURIC ACID	302
SLIDE BOLTS.....	397	SUPPLY LINES	109
SLIP JOINT WASHERS	116	SYMMONS.....	144-145
SLOAN		TACO.....	354-355
• Basys Faucets & Repair	80-85	TAILPIECES	19, 111, 114, 220
• Bedpan Washer	30-31	TANK LEVERS.....	177-182
• China	184-186, 197-199	TANK TO BOWL GASKETS.....	170
• Control Stops.....	18-19	TAPE	307
• Crown & Crown 2	22	TAPPING SCREWS	423-425
• Drop-in Kits.....	13-15	THERMOMETERS.....	313, 347
• Dual Flush/Single Flush	27	THERMOSTATIC MIXING VALVES	86
• Ecos Dual Flush	40	TOILETS.....	183-191, 201
• Electronic Faucets	78, 80-84	TOILET PAPER DISPENSERS/ROLLERS.....	382
• G2 Optima Plus	32-34	TOILET SEATS.....	157-164
• Gem 2.....	20	TOOLS	308,314-318, 322, 325
• Hydraulic Series 900	28	TOTO.....	60
• Lav Sinks	197-199	Closet Repair	176
• Optima	43-45	Ecopower Flush Valve	54-58
• Optima Plus Parts.....	38	Flush Valve Parts	52-60
• Piston Flushometers.....	25	Pistons & Parts	59-60
• Pistons.....	24	TUBING CUTTERS & WHEELS	318-319
• Regal	10-11	TUB & SHOWER.....	153, 156
• Royal	6-8	TUBULAR.....	110-114
• Royal Before 1998.....	8	TWIST HANDLE WASTE	217-218
• Royal Optima Plus.....	36	URINAL	
• Royal Since 1998	6	Mat	383
• Side Mounts.....	26	Repair	165-166
• Solis.....	42	Strainers.....	165
• Spuds	17, 167	Urinals.....	193-196
• Tools	12	VACUUM BREAKERS.....	254-255
• Vacuum Breakers	17	VALVES.....	282-283
SNAKES.....	309-310	VENTS.....	346
SOAP.....	306	WASHERS	429-430
SOAP DISPENSERS & PARTS	380-382	WASHROOM.....	381-383
SOLDER.....	305	WASTE DISPOSERS	224-225
SOLENOIDS & SOLENOID REPAIR KITS	126	WATER COOLERS & PARTS	226-237
SPEAKMAN		WATERFREE URINALS.....	192
• Aerators	121	WATTS BACKFLOW REPAIR	266-270
• Eyewash	341, 344	WEATHER SEALS	407
• Faucet Parts	143	WILKINS BACKFLOW PREVENTION	271
• Faucets.....	74-75	WINDOW & DOOR.....	398-401, 409-411
• Shower Heads	155	WOOD BORING BITS.....	334
• Shower Slide Bar	156	ZURN AQUAFLUSH.....	62
• Shower Valve.....	153	ZURN	
• Vacuum Breaker Kits	255	Faucets & Parts	97, 106-107
SPECIALTY NUTS	439	Flushometers & Parts	61-70
SPRAY VALVE.....	215	Grates	206
STAINLESS STEEL FIXTURES.....	200-201	Hydrant Parts	275-277, 280
STAIR TREADS.....	377	Vacuum Breaker Kits	255
STEAM TRAPS	346		



WHY ROYAL vs. REGAL?

I.P.S. SHOWS YOU THAT ROYAL IS THE FLUSH VALVE OF CHOICE!



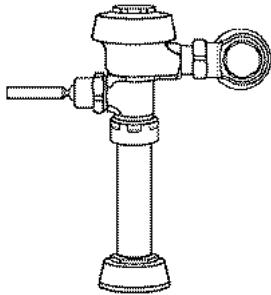
**ROYAL
HIGH PERFORMANCE
CLOSET FLUSHOMETER**

ADA COMPLIANT!



- Dual filtered by-pass, a development that will enable your flushometer to perform longer than ever before, even in water conditions with high contents of sand and other particulates.
- Diaphragm, handle packing, stop seat and vacuum breaker are molded from PERMEX rubber compound for chlorine resistance.
- ADA compliant metal oscillating non-hold open handle with triple seal handle packing.
- Free spinning vandal resistant stop cap (exposed installations).
- High back pressure vacuum breaker flush connection with one-piece bottom hex coupling nut. Call INDUSTRIAL PLUMBING SUPPLY today!

ROYAL

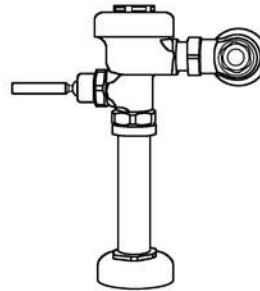


**#08041 (110)
CLOSET - 3.5 GPF**
1-1/2" Vacuum Breaker, 1" Stop

**#08330 (111)
CLOSET - 1.6 GPF**
Low Consumption
1-1/2" Vacuum Breaker, 1" Stop

**#08094 (111-1.28)
CLOSET - 1.28 GPF**
Low Consumption
1-1/2" Vacuum Breaker, 1" Stop

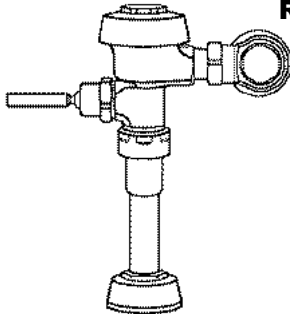
REGAL (ECONOMY)



**#08428 (110)
CLOSET - 3.5 GPF**
1-1/2" Vacuum Breaker, 1" Stop

**#08480 (111)
CLOSET - 1.6 GPF**
Low Consumption
1-1/2" Vacuum Breaker, 1" Stop

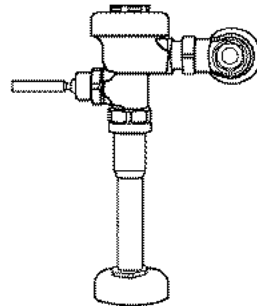
ROYAL



**#08056 (180)
URINAL - 3.0 GPF**
1-1/4" Vacuum Breaker, 1" Stop

**#08332 (180-1)
URINAL - 1.0 GPF**
Low Consumption
1-1/4" Vacuum Breaker, 1" Stop

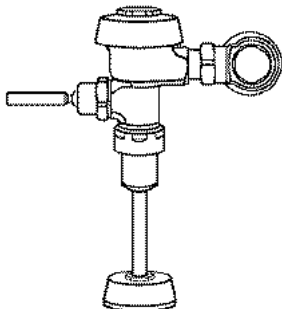
REGAL (ECONOMY)



**#08451 (180)
URINAL - 3.0 GPF**
1-1/4" Vacuum Breaker, 1" Stop

**#08453 (180-1)
URINAL - 1.0 GPF**
Low Consumption
1-1/4" Vacuum Breaker, 1" Stop

ROYAL



**#08042 (186)
URINAL - 1.5 GPF**
3/4" Vacuum Breaker, 3/4" Stop

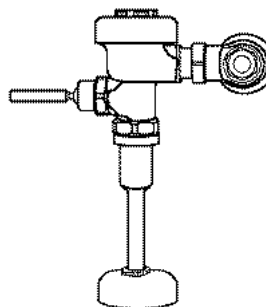
**#08331 (186-1)
URINAL - 1.0 GPF**
Low Consumption
3/4" Vacuum Breaker, 3/4" Stop

**#08845 (186-0.5)
URINAL - 0.5 GPF**
3/4" Vacuum Breaker, 3/4" Stop

**#85405 (186-0.25)
URINAL - 0.25 GPF**
3/4" Vacuum Breaker, 3/4" Stop

**#85400 (186-0.13)
URINAL - 0.13 GPF**
3/4" Vacuum Breaker, 3/4" Stop

REGAL (ECONOMY)



**#08449 (186)
URINAL - 1.5 GPF**
3/4" Vacuum Breaker, 3/4" Stop

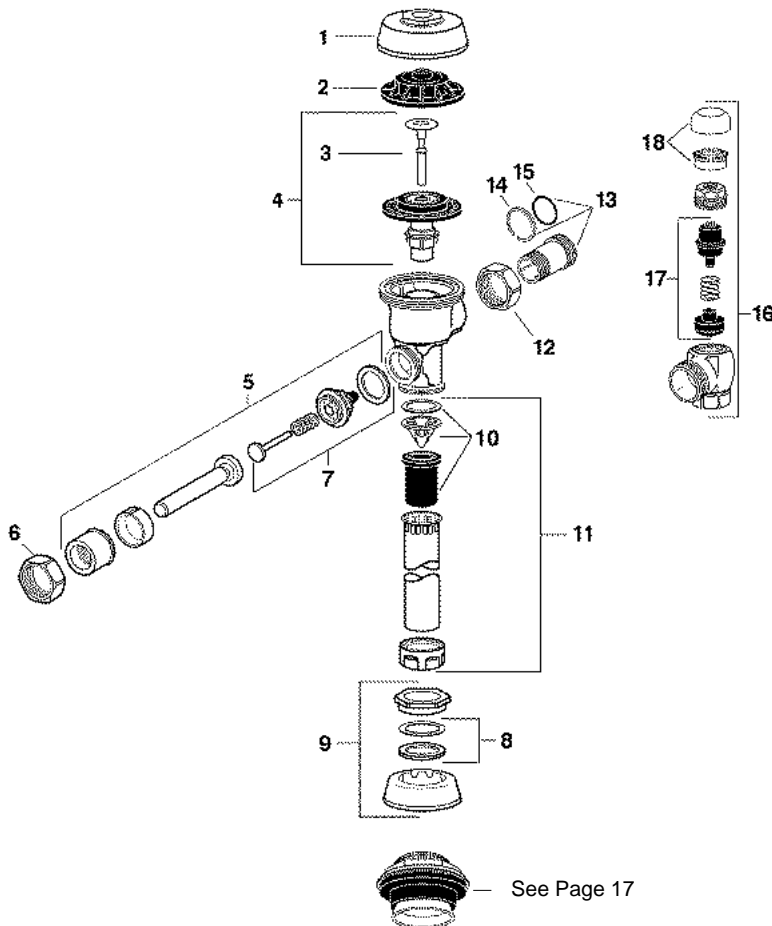
**#08455 (186-1)
URINAL - 1.0 GPF**
Low Consumption
3/4" Vacuum Breaker, 3/4" Stop

**#81296 (186.05XL)
URINAL - 0.5 GPF**
Low Consumption
3/4" Vacuum Breaker, 3/4" Stop

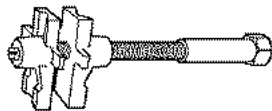


SLOAN ROYAL

**WITH DUAL FILTERED BY PASS
NEW STYLE SINCE 1998**



**#03145
MULTI-PURPOSE
INSIDE SPUD WRENCH**



This expansion spud wrench has four sizes in one. Rust resistant hardened and tempered jaws. Made of heavy duty iron. Also used for pipe nipples up to 3-1/2" diameter.

See Page 17

1	#08049	C.P. Cover
2	#08050	Inside Cover
3	#08004 A19AC	Closet R. Valve (White)
	#08005 A19AU	Urinal R. Valve (Black)
	#08345 A19ALC	Low Consumption R. Valve (Green)
4	#08563 A1038A	3.5 Closet Retro Kit
	#08752 A1044A	2.4 Closet Retro Kit
	#08564 A1041A	1.6 Closet Low Consumption
5	#08937 A1045A	1.2 Closet Low Consumption
	#08562 A1037A	1.5 Urinal Retro Kit
	#08565 A1042A	1.0 Urinal Low Consumption
6	#08566 A1043A	0.5 Urinal Low Consumption
5	#08069 B73A	A.D.A. Handle Assy
6	#08054	C.P. Handle Nut
7	#08439 B51A	Triple Seal Handle Kit
8	#08020	1-1/2" Gasket Kit
	#08021	1-1/4" Gasket Kit
	#08022	3/4" Gasket Kit
9	#08017 F5A	1-1/2" Coupling Assy
	#08018 F5A	1-1/4" Coupling Assy
	#08019 F5A	3/4" Coupling Assy
10	#08438 V651A	Vacuum Breaker Repair Kit
11	#08467 V600AA	1-1/2" x 9" Vacuum Breaker
	#08466 V600AA	1-1/4" x 9" Vacuum Breaker
	#08465 V600AA	3/4" x 9" Vacuum Breaker
12	#08040	Tailpiece Coupling Nut
13	#08039	Adj. Tailpiece 2-1/16" (Other Lengths Available)
14	#08038	Locking Ring
15	#08037	"O" Ring
16	#08460	3/4" Vandal Resistant Control Stop
	#08464	1" Vandal Resistant Control Stop
17	#08032	Control Stop Repair Kit For 3/4" or 1"
18	#08322	Vandal Resistant Control Stop Cap Assembly for 3/4" or 1"



SLOAN ROYAL SINCE 1998

TROUBLESHOOTING AND MAINTAINING THE ROYAL FLUSH VALVE

1 PROBLEM: *FLUSHOMETER DOES NOT FUNCTION (NO FLUSH)*

- CAUSE:**
- A) Control stop or main supply valve is closed.
 - B) Handle assembly is damaged.
 - C) Relief valve is damaged.
- SOLUTION:**
- A) Open control stop or main supply valve.
 - B) Replace handle assembly or repair with handle repair kit.
 - C) Replace relief valve.

2 PROBLEM: *HANDLE LEAKS*

- CAUSE:**
- A) Handle seal or handle assembly is damaged.
- SOLUTION:**
- A) Replace handle assembly or repair with handle repair kit.

3 PROBLEM: *WATER SPLASHES FROM FIXTURE*

- CAUSE:**
- A) Control stop is open wider than necessary.
 - B) Water saver/ conventional diaphragm assembly is installed on low consumption fixture, or closet diaphragm assembly is installed on urinal fixture.
- SOLUTION:**
- A) Adjust control stop for desired delivery of water volume.
 - B) Determine the required flush volume (see label on valve or markings on fixture.) Replace diaphragm assembly or relief valve for appropriate flush volume of fixture.

4 PROBLEM: *VOLUME OF WATER IS INSUFFICIENT TO ADEQUATELY SIPHON FIXTURE*

- CAUSE**
- A) Control stop is not open wide enough.
 - B) Diaphragm assembly is damaged.
 - C) Low consumption diaphragm assembly is installed on water saver/ conventional fixture or urinal diaphragm assembly is installed on closet fixture.
 - D) Inadequate water volume or pressure is available from supply.
- SOLUTION:**
- A) Adjust control stop for desired delivery of water volume.
 - B) Replace diaphragm assembly.
 - C) Determine the required flush volume (see label on valve or markings on fixture.) Replace diaphragm assembly or relief valve for appropriate flush volume of fixture.
 - D) Increase flow rate or pressure to the valve. If gauges are not available to measure supply pressure/ volume, remove relief valve from diaphragm assembly and open the control stop. If the fixture siphons, additional water volume is required. Install higher flushing volume relief valve or diaphragm assembly or cut flow ring from guide. If the fixture DOES NOT siphon (or low consumption flush is required,) additional steps must be taken to increase the water pressure and/or volume at the water supply. Contact fixture manufacturer for minimum supply requirements of fixture.

5 PROBLEM: *FLUSHOMETER VALVE CLOSSES IMMEDIATELY (SHORT FLUSH)*

- CAUSE:**
- A) Worn or damaged diaphragm assembly.
 - B) Handle assembly is damaged.
 - C) Low consumption diaphragm assembly is installed on water saver/ conventional fixture or urinal diaphragm assembly is installed on closet fixture.
- SOLUTION:**
- A) Replace diaphragm assembly.
 - B) Replace B-73-A handle or repair with B-51-A handle repair kit.
 - C) Determine the required flush volume (see label on valve or markings on fixture). Replace diaphragm assembly or relief valve for appropriate flush volume of fixture.

6 PROBLEM: *LENGTH OF FLUSH IS TOO LONG (LONG FLUSH) OR FAILS TO SHUT OFF.*

- CAUSE:**
- A) By-pass hole (upper filter ring) of diaphragm assembly is dirty.
 - B) Relief valve or diaphragm assembly is damaged.
 - C) Water saver/ conventional diaphragm assembly is installed on low consumption fixture or closet diaphragm assembly is installed on urinal fixture.
 - D) Inside cover is damaged.
 - E) Line water pressure dropped and is insufficient to close valve.
 - F) Relief valve is not seated properly.
- SOLUTION:**
- A) Remove diaphragm assembly. Disassemble the filter rings from the diaphragm, wash under running water, and reassemble. Replace as necessary.
 - B) Replace relief valve or diaphragm assembly.
 - C) Determine the required flush volume (see label on valve or markings on fixture). Replace diaphragm assembly or relief valve for appropriate flush volume for fixture.
 - D) Install new A-71 inside cover.
 - E) Close control stop until pressure is restored.
 - F) Disassemble diaphragm components (relief valve, filter rings, and diaphragm unit), wash under running water, and reassemble. Replace as necessary.

7 PROBLEM: *CHATTERING NOISE IS HEARD DURING FLUSH*

- CAUSE:**
- A) Inside cover is damaged.
 - B) Relief valve or diaphragm assembly is damaged.
- SOLUTION:**
- A) Install new inside cover.
 - B) Replace relief valve or diaphragm assembly.

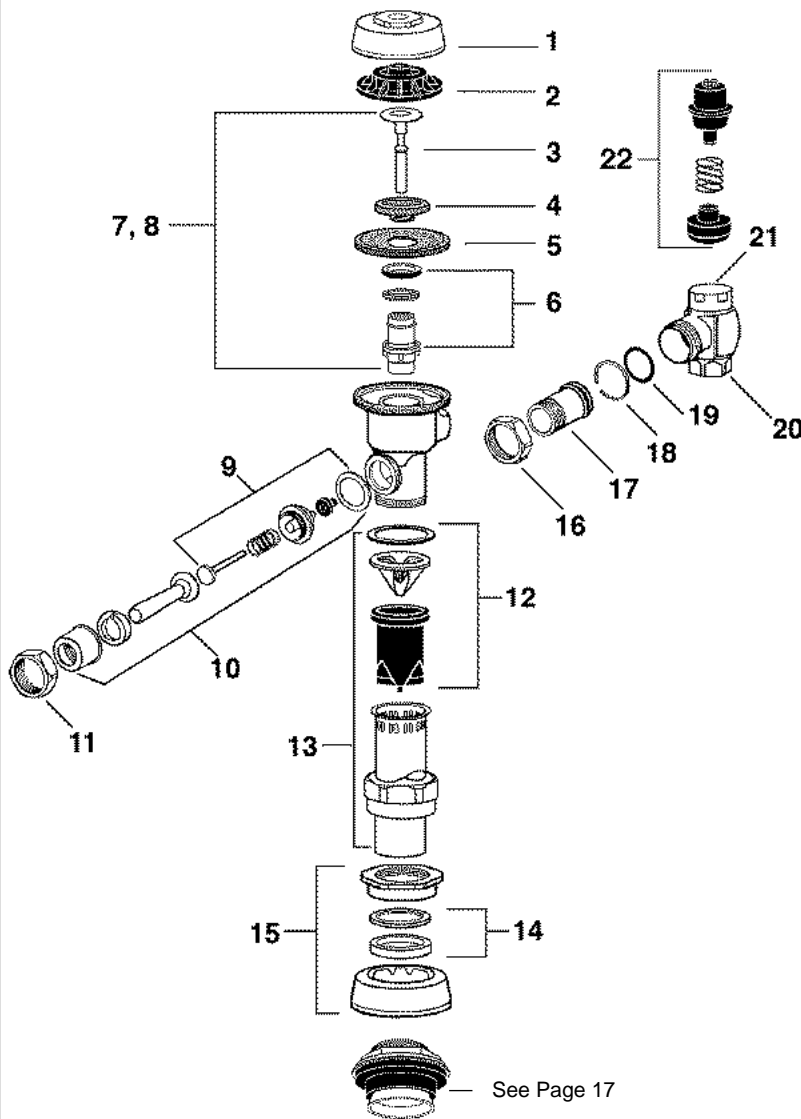
CARE AND CLEANING INSTRUCTIONS

DO NOT USE abrasive or chemical cleaners to clean Flushometers that may dull the luster and attack the chrome or decorative finish. Use ONLY mild soap and water, then wipe dry with a clean towel or cloth. When cleaning the bathroom tile, to protect the Flushometer from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.



SLOAN ROYAL

MANUFACTURED UP TO 1998



1	#08049	C.P. Cover
2	#08050	Inside Cover
3	#08004	A19AC Closet R. Valve (White)
	#08005	A19AU Urinal R. Valve (Black)
	#08052	Closet R. Valve Brass (Old Style)
	#08345	Low Consumption R. Valve (Green)
4	#08053	Urinal R. Valve Brass (Old Style)
	#08003	A15A Molded Disc
5	#08002	A156A Diaphragm (Common)
	#08051	A56A Diaphragm (Old Style)
ADJUSTABLE GUIDES		
6	#08006	A163A Standard Guide
	#08252	For 3.5 GPF Closet
	#08348	For 1.6 GPF Closet
	#08349	For 1.0 GPF Urinal
7	#08000	A38A 3.5 Closet Water Saver Kit
	#08571	A44A 2.4 Closet Retro Kit
	#08114	A41A 1.6 Closet Low Consumption
8	#08001	A37A 1.5 Urinal Retro Kit
	#08115	A42A 1.0 Urinal Low Consumption
9	#08007	B50A Handle Repair Kit (Plastic)
	#08043	Handle Repair Kit (Brass)
10	#08008	B32A C.P. Handle Assy.
	#08069	B73A A.D.A. Handle Assy.
11	#08054	C.P. Handle Nut
12	#08012	V551A V/B Repair Kit
CHROME PLATED VACUUM BREAKERS		
13	#08014	V500AA 1-1/2" x 9" Closet
	#08015	V500AA 1-1/4" x 9" Urinal
	#08016	V500AA 3/4" x 9" Urinal
14	#08020	1-1/2" Gasket Kit
	#08021	1-1/4" Gasket Kit
	#08022	3/4" Gasket Kit
15	#08017	1-1/2" Coupling Assy.
	#08018	1-1/4" Coupling Assy.
	#08019	3/4" Coupling Assy.
16	#08040	Tailpiece Coupling Nut
17	#08039	Adjustable Tailpiece 2-1/16" (Other Lengths Available)
18	#08038	Locking Ring
19	#08037	"O" Ring
20	* * Control Stop (See Page 19)	
21	* * C.P. Stop Covers (See Page 19)	
22	#08033	3/4" Control Stop Repair Kit
	#08032	1" Control Stop Repair Kit



SLOAN ROYAL BEFORE 1998

TROUBLESHOOTING AND MAINTAINING THE ROYAL FLUSH VALVE

1 PROBLEM: *VALVE CLOSSES OFF IMMEDIATELY*

- CAUSE:** A) Ruptured or damaged diaphragm.
B) Enlarged by-pass orifice from corrosion or damage.
- SOLUTION:** A&B) Install new diaphragm or inside parts kit to correct above problems and update flushometer.

2 PROBLEM: *LEAKING AT HANDLE ASSEMBLY*

- CAUSE:** A) Handle seal may have deteriorated.
B) Handle gasket has been omitted.
C) Valve is old style and handle packing is worn.
- SOLUTION:** A) Install new seal or handle repair kit.
NOTE: The handle seal will easily slide right onto the bushing if it is wet.
B) Install handle gasket.
C) Install handle repair kit.

3 PROBLEM: *LENGTH OF FLUSH TOO SHORT*

- CAUSE:** A) Diaphragm assembly and guide assembly are not hand tight.
B) Enlarged by-pass orifice from corrosion or damage.
C) Black urinal relief valve in closet flushometer.
D) Low consumption kit installed in non-low consumption fixture.
- SOLUTION:** A) Screw the two assemblies hand tight.
B) Install diaphragm or INDUSTRIAL PLUMBING SUPPLY inside parts kit.
C) Install proper white closet relief valve.
D) Replace with proper inside parts kit.

4 PROBLEM: *LENGTH OF FLUSH TO LONG OR FAILS TO CLOSE OFF*

- CAUSE** A) Relief valve is not seating properly or by-pass orifice is clogged because of foreign material, or by-pass orifice is closed by an invisible gelatinous film from "overtreated" water.
B) Line pressure has dropped and is not sufficient to force relief valve to seat.
C) White closet relief valve has been used in a urinal valve.
- SOLUTION:** A) Disassemble the working parts and wash thoroughly.
NOTE: Size of the orifice in the by-pass is of utmost importance in the proper metering of water into the upper chamber of the valve. Do not enlarge or damage this orifice. Replace inside kit if cleansing does not correct problem.
B) Shut off all control stops until pressure has been restored, then open them again.
C) Replace with black urinal relief valve.

5 PROBLEM: *INSUFFICIENT VOLUME OF WATER TO ADEQUATELY SIPHON FIXTURE*

- CAUSE:** A) Control stop not open enough.
B) Urinal valve parts inside a closet valve.
C) Low consumption valve installed on a non-low consumption valve fixture.
D) Water saver kit installed in old, non-water saver bowl.
E) Inadequate volume or pressure at supply.
- SOLUTION:** A) Adjust control stop for desired delivery of water.
B) Replace inside urinal parts with proper closet valve parts from INDUSTRIAL PLUMBING SUPPLY.
C) Replace with proper inside parts kit.
D) Position refill head on guide so that side 1 is in up position.
E) If no gauges are available to properly measure supply pressure or volume of water at the valve, then completely remove the entire diaphragm assembly and open control stop to allow water to pass through the empty valve. If the supply is adequate to supply the fixture in this manner, then the restriction ring (A-164 on plastic guides) should be removed from the bottom of the guide to provide additional flow. If additional flow is still required, the refill head (A-170) may be replaced with a brass low flow refill head (A-85). Should neither of these steps prove satisfactory, then steps should be taken to increase the pressure and/or supply.

6 PROBLEM: *LEAKING AT TOP OF VACUUM BREAKER*

- CAUSE:** A) Rubber vacuum breaker boot or gasket has deteriorated.
- SOLUTION:** A) Install new vacuum breaker repair kit.

7 PROBLEM: *LEAKING AT BOTTOM OF VACUUM BREAKER TUBE OR AROUND COUPLING*

- CAUSE:** A) Coupling gaskets have deteriorated .
B) Spud washer and/or spud have deteriorated.
- SOLUTION:** A) Install proper new coupling gasket kit.
B) Install proper new spud washer and/or complete new spud assembly.

8 PROBLEM: *LEAKING BETWEEN VALVE AND CONTROL STOP*

- CAUSE:** A) "O" ring and/or locking ring have deteriorated.
- SOLUTION** A) Replace "O" ring and locking ring simultaneously.

9 PROBLEM: *CHATTERING NOISE IN FLUSHOMETER*

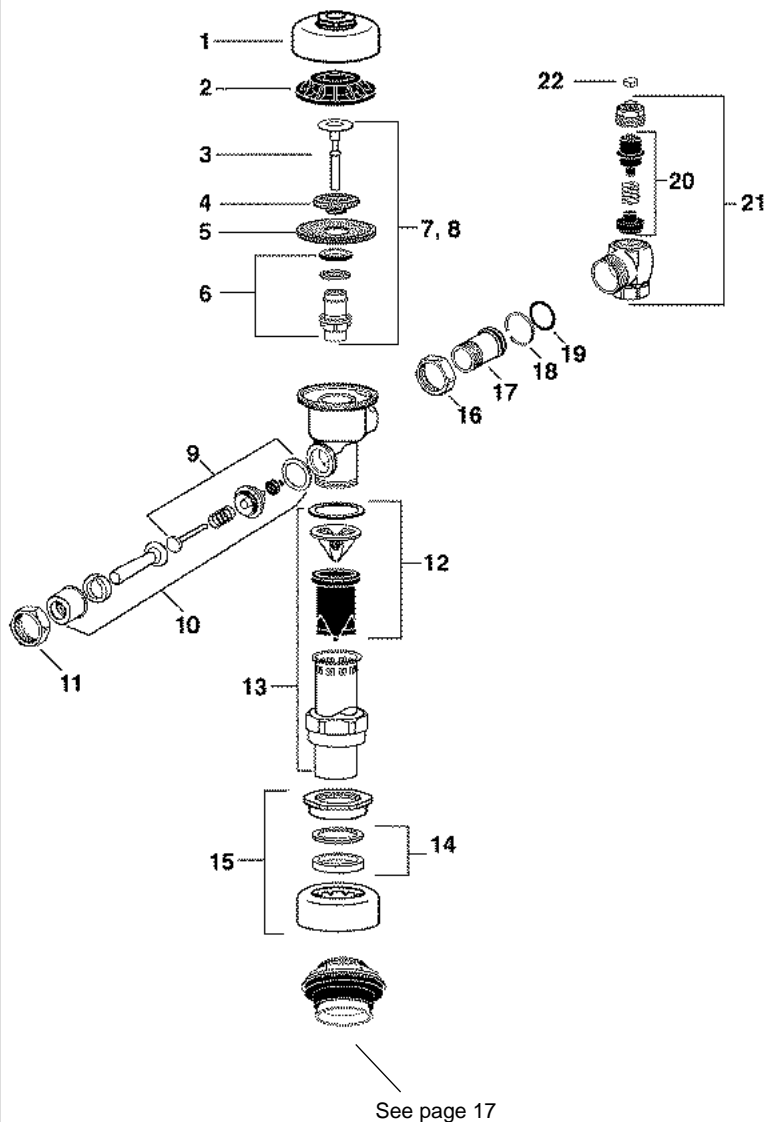
- CAUSE:** A) Diaphragm has been installed upside down.
B) Inside cover has become distorted from freezing or abuse.
- SOLUTION:** A) Replace the segment diaphragm to the proper position as instructed by markings on the diaphragm.
B) Replace inside cover.

**CALL FOR TECHNICAL
ASSISTANCE!**



SLOAN REGAL

COMPETITIVE STYLE



1	#08083	C.P. Cover
2	#08050	Inside Cover
3	#08004	A19AC Closet R. Valve(White)
	#08005	A19AU Urinal R. Valve(Black)
	#08345	Closet/Urinal R. Valve(Green)
4	#08003	A15A Molded Disc
5	#08002	A156A Diaphragm
ADJUSTABLE GUIDES		
6	#08006	A163A Standard Guide
	#08252	For 3.5 GPF Closet
	#08348	For 1.6 GPF Closet
	#08349	For 1.0 GPF Urinal
7	#08000	A38A 3.5 Closet Water Saver Kit
	#08114	A41A 1.6 Closet Low Consumption
8	#08001	A37A Urinal Retro Kit - 1.5 GPF
	#08115	A42A Urinal Retro Kit - 1.0 GPF
9	#08007	B50A Handle Repair Kit (Plastic)
10	#08008	B32A C.P. Handle Assy.
	#08069	B73A A.D.A. Handle Assy.
11	#08054	C.P. Handle Nut
12	#08012	V551A V/B Repair Kit
CHROME PLATED VACUUM BREAKERS		
13	#08014	V500AA 1-1/2" x 9" Closet
	#08015	V500AA 1-1/4" x 9" Urinal
	#08016	V500AA 3/4" x 9" Urinal
14	#08020	1-1/2" Gasket Kit
	#08021	1-1/4" Gasket Kit
	#08022	3/4" Gasket Kit
15	#08142	1-1/2" Coupling Assy
	#08143	1-1/4" Coupling Assy
	#08144	3/4" Coupling Assy
16	#08040	Tailpiece Coupling Nut
17	#08039	Adj. Tailpiece 2-1/16" (Other Lengths Available)
18	#08038	Locking Ring
19	#08037	"O" Ring
20	#08032	Control Stop Repair Kit For 3/4" or 1"
21	#08471	1" Screwdriver Stop
	#08469	3/4" Screwdriver Stop
22	#80793	C. P. Cover



TROUBLESHOOTING AND MAINTAINING THE REGAL FLUSH VALVE

1 PROBLEM: VALVE CLOSES OFF IMMEDIATELY

- CAUSE:**
- A) Ruptured or damaged diaphragm.
 - B) Enlarged by-pass orifice from corrosion or damage.
- SOLUTION:** A&B) Install new diaphragm or inside parts kit to correct above problems and update flushometer.

2 PROBLEM: LEAKING AT HANDLE ASSEMBLY

- CAUSE:**
- A) Handle seal may have deteriorated.
 - B) Handle gasket has been omitted.
 - C) Valve is old style and handle packing is worn.
- SOLUTION:**
- A) Install new seal or handle repair kit.
NOTE: The handle seal will easily slide right onto the bushing if it is wet.
 - B) Install handle gasket.
 - C) Install handle repair kit.

3 PROBLEM: LENGTH OF FLUSH TOO SHORT

- CAUSE:**
- A) Diaphragm assembly and guide assembly are not hand tight.
 - B) Enlarged by-pass orifice from corrosion or damage.
 - C) Black urinal relief valve in closet flushometer.
 - D) Low consumption kit installed in non-low consumption fixture.
 - E) Handle assembly is worn.
- SOLUTION:**
- A) Screw the two assemblies hand tight.
 - B) Install diaphragm or inside parts kit.
 - C) Install proper white closet relief valve.
 - D) Replace with proper inside parts kit.
 - E) Install handle repair kit.

4 PROBLEM: LENGTH OF FLUSH TOO LONG OR FAILS TO CLOSE OFF

- CAUSE:**
- A) Relief valve is not seating properly or by-pass orifice is clogged because of foreign material, or by-pass orifice is closed by an invisible gelatinous film from "overtreated" water.
 - B) Line pressure has dropped and is not sufficient to force relief valve to seat.
 - C) White closet relief valve has been used in a urinal valve.
 - D) Inside cover is cracked or damaged.
- SOLUTION:**
- A) Disassemble the working parts and wash thoroughly.
NOTE: Size of the orifice in the by-pass is of utmost importance in the proper metering of water into the upper chamber of the valve. Do not enlarge or damage this orifice. Replace inside kit if cleansing does not correct problem.
 - B) Shut off all control stops until pressure has been restored, then open them again.
 - C) Replace with black urinal relief valve.
 - D) Replace the inside cover.

5 PROBLEM: INSUFFICIENT VOLUME OF WATER TO ADEQUATELY SIPHON FIXTURE

- CAUSE:**
- A) Control stop not open enough.
 - B) Urinal valve parts inside a closet valve.
 - C) Low consumption valve installed on a non-low consumption valve fixture.
 - D) Water saver kit installed in old, non-water saver bowl.
 - E) Inadequate volume or pressure at supply.
- SOLUTION:**
- A) Adjust control stop for desired delivery of water.
 - B) Replace inside urinal parts with proper closet valve parts from I.P.S.
 - C) Replace with proper inside parts kit.
 - D) Position refill head on guide so that side 1 is in up position.
 - E) If no gauges are available to properly measure supply pressure or volume of water at the valve, then remove the relief valve from the inside parts kit, reassemble the valve, and open the control stop.
If the fixture siphons, more water volume is required. If a 3.5 GPF inside parts kit is installed in the valve, then first flip the refill head (under the diaphragm) to obtain a 4.5 GPF volume. If this volume is still inadequate, remove the flow ring from the guide to obtain a 6.5 GPF volume. If additional flow is still required, try a low pressure guide kit.
If fixture does not siphon or if a low consumption fixture is installed, or if the above steps do not prove satisfactory, steps must be taken to increase the pressure and/or supply.

6 PROBLEM: LEAKING AT TOP OF VACUUM BREAKER

- CAUSE:**
- A) Rubber vacuum breaker boot or gasket has deteriorated.
- SOLUTION:**
- A) Install new vacuum breaker repair kit.

7 PROBLEM: LEAKING AT BOTTOM OF VACUUM BREAKER TUBE OR AROUND COUPLING

- CAUSE:**
- A) Coupling gaskets have deteriorated.
 - B) Spud washer and/or spud have deteriorated.
- SOLUTION:**
- A) Install proper new coupling gasket kit.
 - B) Install proper new spud washer and/or complete new spud assembly.

8 PROBLEM: LEAKING BETWEEN VALVE AND CONTROL STOP

- CAUSE:**
- "O" ring and/or locking ring have deteriorated.
- SOLUTION:**
- Replace "O" ring and locking ring simultaneously.

9 PROBLEM: CHATTERING NOISE IN FLUSHOMETER

- CAUSE:**
- A) Diaphragm has been installed upside down.
 - B) Inside cover has become distorted from wear, freezing or abuse.
- SOLUTION:**
- A) Replace the segment diaphragm to the proper position as instructed by markings on the diaphragm.
 - B) Replace inside cover.

CALL FOR TECHNICAL ASSISTANCE!



SLOAN PARTS

SLOAN
genuine
Repair
Parts

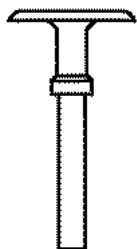


#08002 (A156A)
Common



#08051 (A56A)
Old Style
W/ Copper Ring

CLOSET RELIEF VALVES



#08004 (A19AC) White Plastic
(Also used in 3.0 GPF urinals)

#08052 (A19ACM) Old Style Brass

#08427 (A19AL) Blue 2.4 GPF

URINAL RELIEF VALVES

#08005 (A19AU) Black Plastic

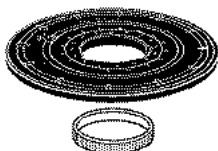
#08053 (A19AUM) Old Style Brass

CLOSET/URINAL RELIEF VALVE

#08345 (A19ALC) Green - Low Consumption

VORTEX DIAPHRAGMS

*Filtered Synthetic Rubber with Bypass
and Vortex Cleansing Action*



#83359 (SV20AC)
Vortex Diaphragm Repair
Kit For CLOSET

#85177 (SV20AU)
Vortex Diaphragm Repair
Kit For URINAL



#08003
A15A Molded Disc



#08049 (A72)
Chrome Plated Cover
For Royal



#08083 (R10)
Chrome Plated Cover
For Regal



#08050 (A71)
Plastic Inside Cover



#08301 (A11)
Old Style Inside Cover
(Replaces old brass inside cover)



#08006 (A163A)
Adjustable Guide
(Standard)



#08252 (A152A)
Adjustable Guide
For 3.5 GPF
Water Saver
Closet Kit



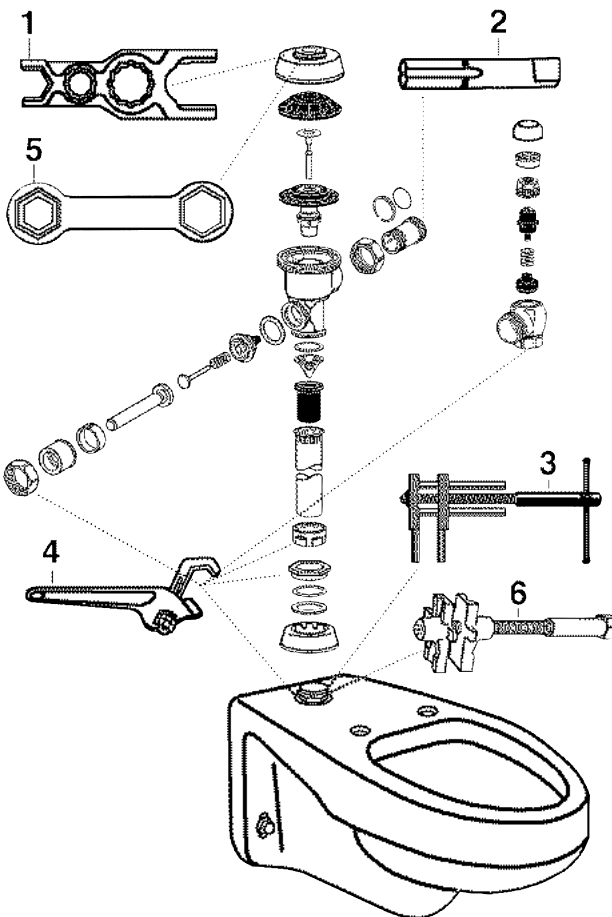
#08348 (A151A)
Adjustable Guide
For 1.6 GPF
Low Consumption
Closet



#08572 (A157)
Adjustable Guide
For 0.5 GPF
Low Consumption
Urinal

#08349 (A155A)
Adjustable Guide
For 1.0 GPF
Low Consumption
Urinal

FLUSHOMETER TOOLS



1. **#08047** Sloan Super Wrench
2. **#08063** Tailpiece Removing Tool
3. **#03118HD** Spud Wrench
4. **#08070** Non-Marking Valve Wrench
Great for faucets too!
5. **#08010** Cover and Nut Removing Tool
6. **#03145** Multi-Purpose Inside Spud Wrench



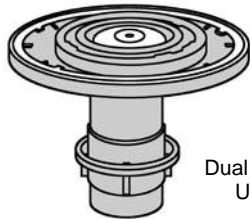
SLOAN KITS

I.P.S.

RETRO KITS

Just Drop In !

Royal Dual-Filtered By-Pass



#08563
3.5 GPF
Dual Filtered By-Pass
Closet Retro Kit

#08752
2.4 GPF
Dual Filtered By-Pass
Closet Retro Kit

#08564
1.6 GPF
Dual Filtered By-Pass
Closet Retro Kit
Low Consumption

#08937
1.2 GPF
Dual Filtered By-Pass
Closet Retro Kit
Low Consumption

#08562
1.5 GPF
Dual Filtered By-Pass
Urinal Retro Kit

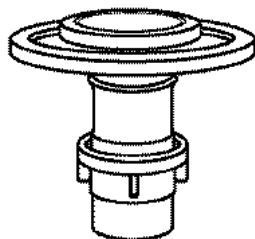
#08565
1.0 GPF
Dual Filtered By-Pass
Urinal Retro Kit
Low Consumption

#08566
0.5 GPF
Dual Filtered By-Pass
Urinal Retro Kit
Low Consumption

#82110
0.25 GPF
Dual Filtered By-Pass
Urinal Retro Kit
Low Consumption

#83612
0.13 GPF
Dual Filtered By-Pass
Urinal Retro Kit
Low Consumption

Regal / Royal



#08057
4.5 GPF
Closet Retro Kit
For Old Style

#08000
3.5 GPF
Closet Retro
Watersaver Kit

#08571
2.4 GPF
Closet Retro Kit

#08114
1.6 GPF
Closet Retro Kit
Low Consumption

#08001
1.5 GPF
Urinal Retro Kit

#08115
1.0 GPF
Urinal Retro Kit
Low Consumption

#08573
0.5 GPF
Urinal Retro Kit
Low Consumption

VORTEX RETRO KITS

*High Chloramine Resistant Synthetic Diaphragm with
Linear Filtered Bypass and Vortex Cleansing Action*



#85170 1.6 GPF - Closet

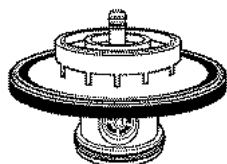
#85171 3.5 GPF - Closet

#85172 2.4 GPF - Closet

#85173 1.5 GPF - Urinal

#85175 1.0 GPF - Urinal

#85176 0.5 GPF - Urinal



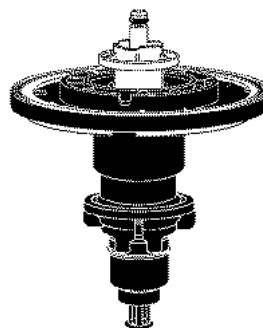
FOR SOLIS and ECOS ONLY
#08850

For .13 GPF or .25 GPF Closets

HANDS FREE RETRO KITS

Includes 4 AA Batteries

FOR G2, ECOS and SOLIS



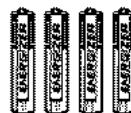
#08695
For 0.5 GPF Urinals

#08137
For 1.0 and 1.5 GPF Urinals

#83565
For 1.28 Closets

#08285
For 1.6 and 3.5 GPF Closets

#08710
2.4 GPF



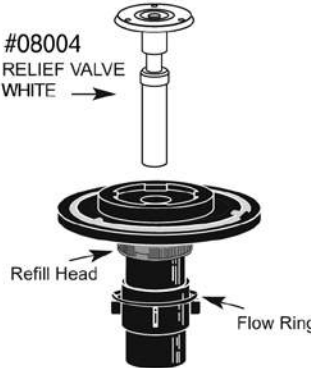
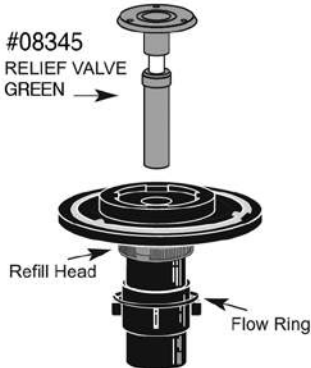
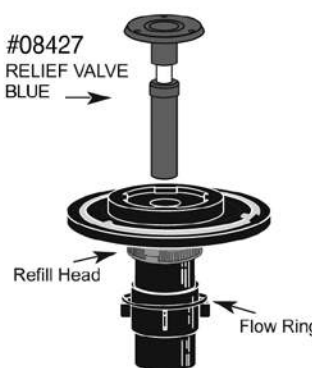
FOR G2 ONLY
#85629
For 0.25 GPF Urinals



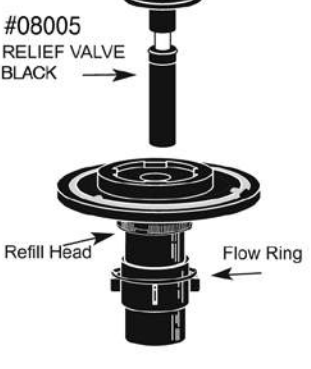
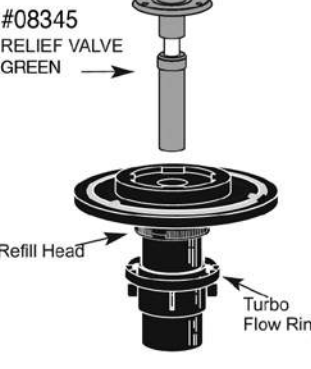
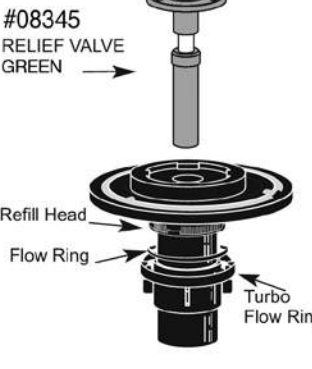
SLOAN CURRENT ROYAL DUAL FILTERED DIAPHRAGM IDENTIFICATION CHART

SLOAN

Closets - Diaphragm Inside Parts Kits - Non-Rebuildable

 <p>#08004 RELIEF VALVE WHITE →</p>	 <p>#08345 RELIEF VALVE GREEN →</p>	 <p>#08427 RELIEF VALVE BLUE →</p>
#08563	#08564	#08752
3.5 gpf	1.6 gpf	2.4 gpf
White Relief Valve	Green Relief Valve	Blue Relief Valve

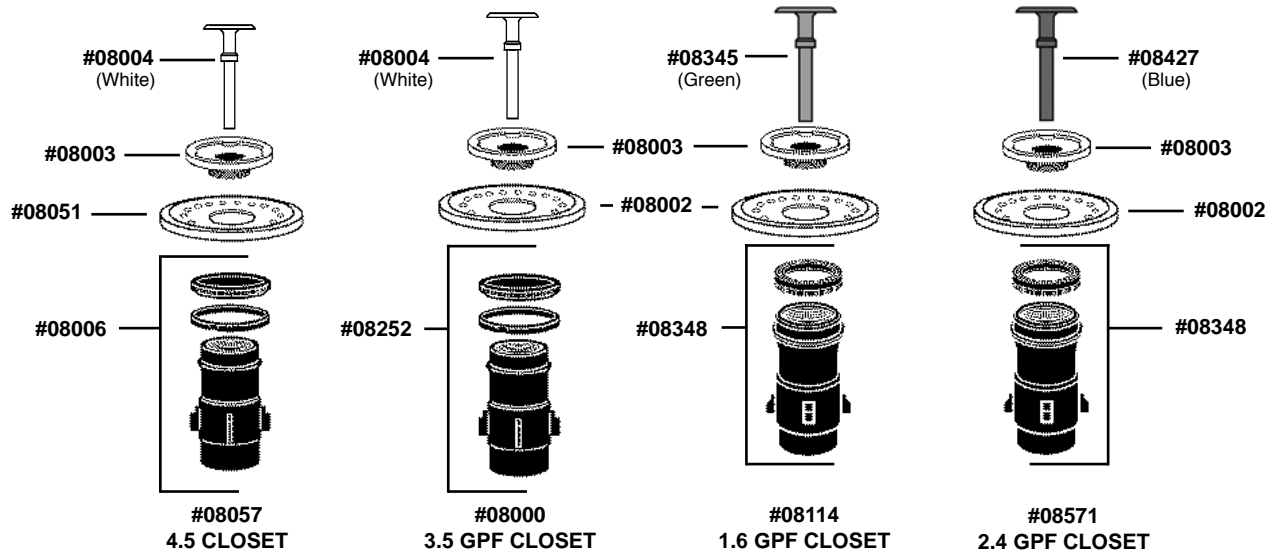
Urinals - Diaphragm Inside Parts Kits - Non-Rebuildable

 <p>#08005 RELIEF VALVE BLACK →</p>	 <p>#08345 RELIEF VALVE GREEN →</p>	 <p>#08345 RELIEF VALVE GREEN →</p>
#08562	#08565	#08566
1.5 gpf	1.0 gpf	0.5 gpf
Black Relief Valve	Green Relief Valve	Green Relief Valve

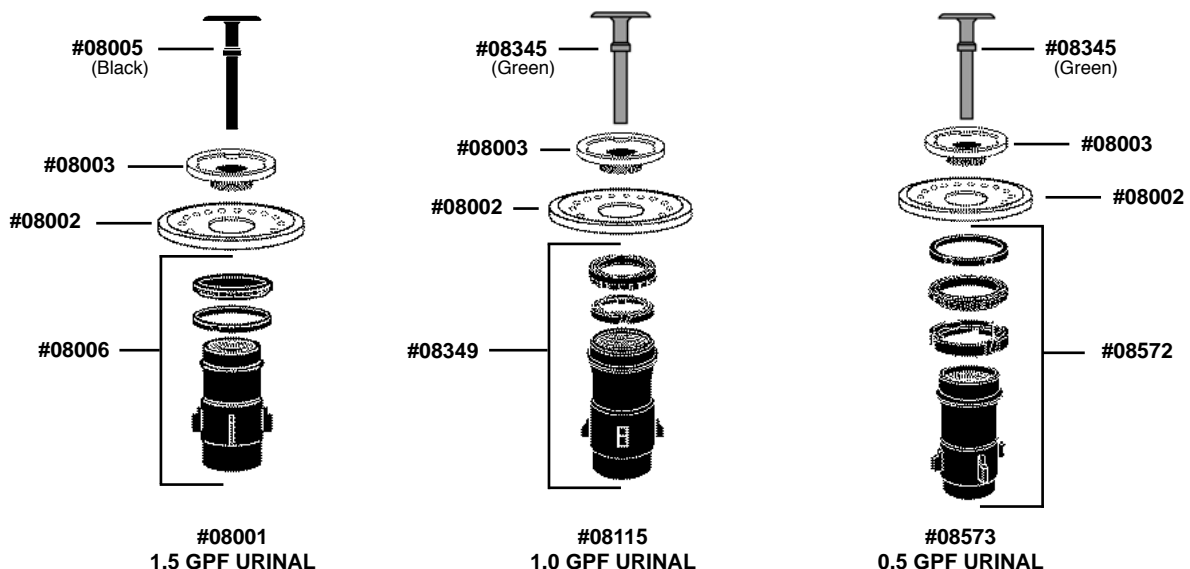


SLOAN REGAL/ OLD ROYAL FLUSHOMETER RETRO KIT BREAKDOWNS

CLOSET Retro Kits

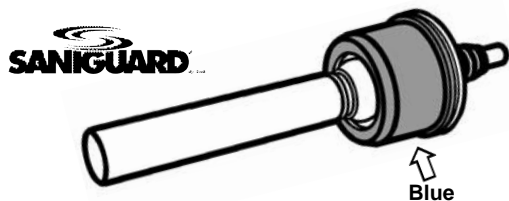


URINAL Retro Kits



SLOAN PARTS

#40261391 ANTIMICROBIAL HANDLE ASSEMBLY



The TMS Antimicrobial ADA Handle Assembly is a Genuine Sloan replacement for original Sloan valves. It installs easily into existing Flushometer bodies. Manufactured by Sloan, it also replaces units by Zurn and others.

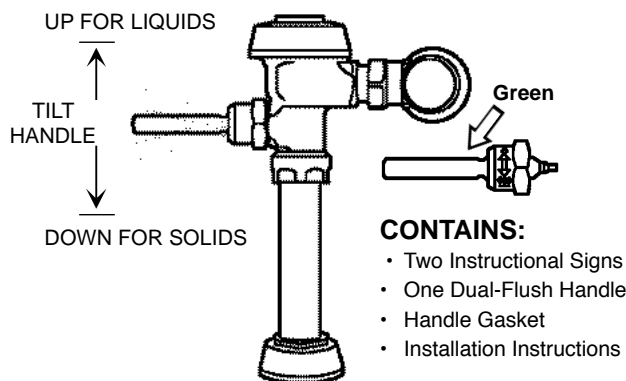
It is factory assembled and pre-lubricated to assure long life and reliable operation. The blue collar identifies this handle assembly has been treated with SANIGUARD.

The SANIGUARD Antimicrobial Treatment is a PERMANENT treatment that stops the growth of most bacteria, mold and some viruses.

Unlike disinfectants that dissipate almost instantly, SANIGUARD's patented silver-based technology is actually built into the finish of the parts you touch most and will continue to work for the life of the product.

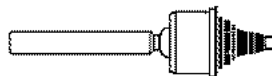
Give patients, employees, children, customers and yourself a powerful new weapon in the fight against the spread of organisms. The best antimicrobial products on the market, look no further than the I.P.S. products treated with SANIGUARD!

#08880 (WES212A) UPPERCUT HANDLE ASSEMBLY



Sloan's new Dual-Flush is the first commercial Flushometer to reduce water volume by approximately 30% (on the up flush). The Dual-Flush, green colored handle also easily retrofits to most exiting valves.

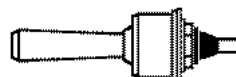
- *Lifting handle up initiates reduced flush (1.1 GPF), eliminating liquid and paper waste, saving a 1/2 gallon of water!*
- *Pushing handle down initiates full flush (1.6 GPF), eliminating solid waste and paper.*
- *Antimicrobial coating on handle protects against germs.*
- *Distinctive colored handle signifies water conserving fixture.*



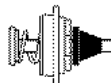
#08069 (B73A)
Handle Assembly



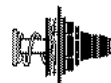
For Sloan Royal Flushometers to satisfy A.D.A. requirements. With triple silicone impregnated handle seal.



#08008 (B32A)
Handle Assembly



#08007 (B50A)
Handle Kit



#08439 (B51A)
New Style Royal
Triple Seal
Handle Kit



#08009 (B39)
Handle Seal

#08043 (C64A)
Brass Handle
Repair Kit



#08730
MASTER DUAL FILTER
REPAIR KIT

For Sloan Flushometers
that use Dual
Filtered By-Pass



#08588
OPTIMA PLUS
REPAIR PARTS KIT

Master Kit for Battery
Operated Flushometers

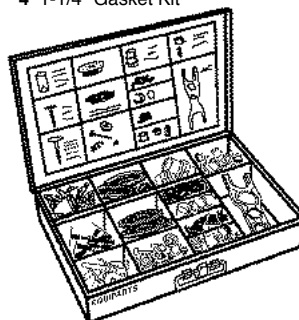


#08890
G2 MASTER
REPAIR KIT

For Battery Operated
Flushometers.

#08066 MASTER REPAIR PARTS ASSORTMENT *Includes The Parts You Need Most Often:*

- | | |
|--------------------------------|---|
| 6 Diaphragms | 4 3/4" Gasket Kit |
| 6 Molded Discs | 6 Vacuum Breaker Repair Kit |
| 4 Closet Relief Valve | 2 Repair Kit For Closet Stop |
| 4 Urinal Relief Valve | 2 Repair Kit For Urinal Stop |
| 4 Low Consumption Relief Valve | 2 1-1/2" Spud Washer |
| 3 Guide Assy. | 2 1-1/4" Spud Washer |
| 3 Low Consumption Guides | 2 3/4" Spud Washer |
| 4 1-1/2" Gasket Kit | 6 Handle Repair Kit |
| 4 1-1/4" Gasket Kit | 6 Handle Seal |
| | 12 O-Ring |
| | 6 Locking Ring |
| | 1 Sloan Super Wrench |
| | 1 Metal Box With Dividers
18" x 12" x 3" |



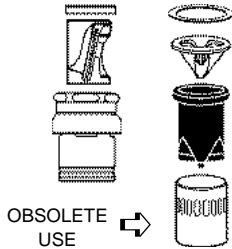
SLOAN PARTS



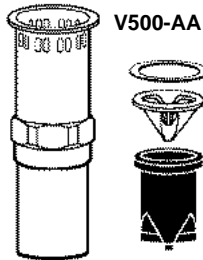
08012 (V551A)
Vacuum Breaker
Repair Kit (Standard)



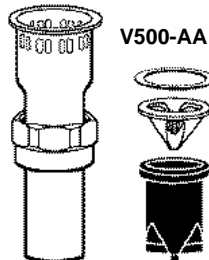
#08438 (V651A)
Vacuum Breaker
Repair Kit (New Style Royal)



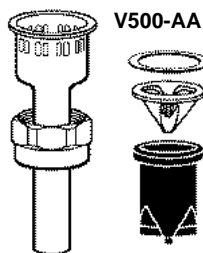
#08013
V101A Old Style
Vacuum Breaker
Repair Kit



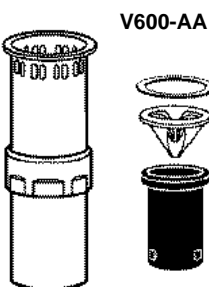
#08014 (V500-AA)
1-1/2" x 9" (Common)
#08058 (V500-AA)
1-1/2" x 15"
#08059 (V500-AA)
1-1/2" x 24-1/2"
#08060 (V500-AA)
3-1/16" Long (Less Tailpiece)



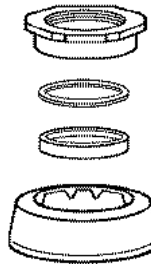
#08015 (V500-AA)
1-1/4" x 9" (Common)
#08061 (V500-AA)
1-1/4" x 15"



#08016 (V500-AA)
3/4" x 9" (Common)
#08062 (V500-AA)
3/4" x 15"

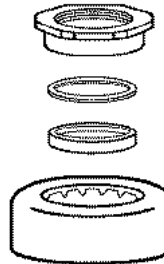


#08467 (V600-AA)
1-1/2 x 9" New Style Royal
with One Piece Nut
#08466 (V600-AA)
1-1/4" x 9" New Style Royal
with One Piece Nut
#08465 (V600-AA)
3/4" x 9" New Style Royal
with One Piece Nut



ROYAL
C. P. Coupling Assy.
#08017 1-1/2"
#08018 1-1/4"
#08019 3/4"

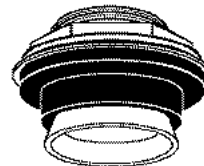
Gasket Kits
#08020 1-1/2"
#08021 1-1/4"
#08022 3/4"



FOR REGAL
C. P. Coupling Assy.
#08142 1-1/2"
#08143 1-1/4"
#08144 3/4"

Gaskets For Coupling
#08020 1-1/2"
#08021 1-1/4"
#08022 3/4"

CAST BRASS!



SPUD ASSEMBLIES

#08023 1-1/2"
#08024 1-1/4"
#08025 3/4"
#05398 2"



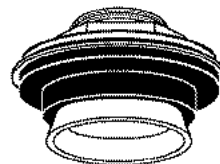
SPUD WASHER

#08026 1-1/2"
#08027 1-1/4"
#08028 3/4"
#08249 2"



FRICION RINGS

#08101 1-1/2"
#08102 1-1/4"
#08103 3/4"
#08250 2"



REDUCING SPUD

#05399 2" x 1-1/2"
#05400 2" x 1-1/4"
#05444 1-1/4" x 3/4"
#05425 1-1/2" x 1-1/4"



REDUCING WASHER

#05438 2" x 1-1/2"
N.L.A. 2" x 1-1/4"



SLOAN CONTROL STOPS

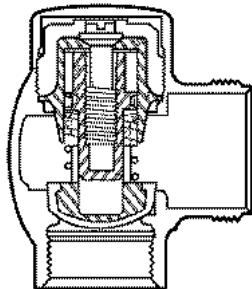
STOP REPAIR KITS

#08033

3/4" - Stop Repair Kit - Old Style

#08032

1" - Stop Repair Kit
Also 3/4" New Style



Wheel handle stop kits available on request.

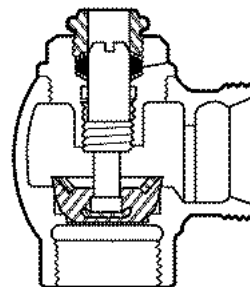
OLD STYLE STOP REPAIR KIT

#08478

3/4" Stop Repair Kit

#08271

1" Stop Repair Kit



Wheel handle stop kits available on request.

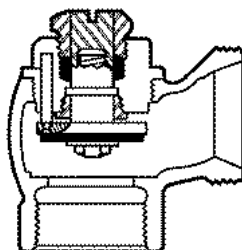
OLD STYLE STOP KIT

#08034

3/4" or 1" - Stop Repair Kit

#08718

Stop Repair Kit with Bonnet

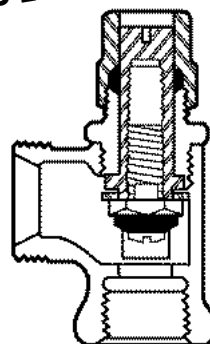
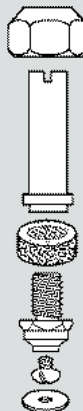


Wheel handle stop kits available on request.

OLD STYLE STOP REPAIR KIT

3/4" Stop Repair Kit

NO LONGER AVAILABLE

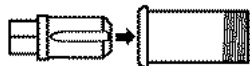


Wheel handle stop kits available on request.



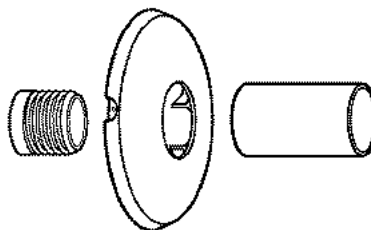
#08063

Tail Piece Removing Tool
1" Diameter



**Finally! A Tool to Grab Those
Hard to Remove Tailpieces!**

SWEAT SOLDER KIT



#08272

3/4" with 3" tube

#08273

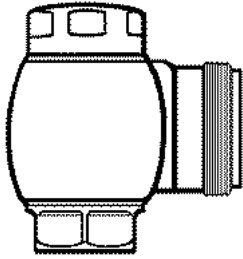
1" with 3" tube

#08791

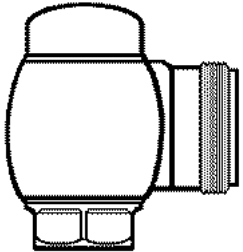
1" with 6" tube



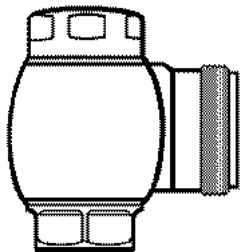
SLOAN CONTROL STOPS



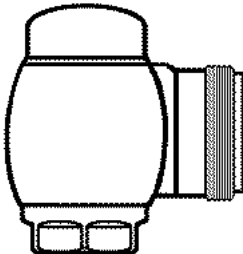
#08030
3/4" Stop
Adjustable



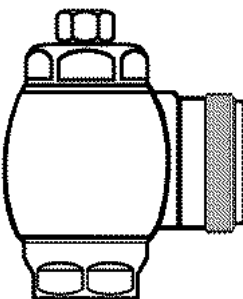
#08265
3/4" Stop
For Ground Joint



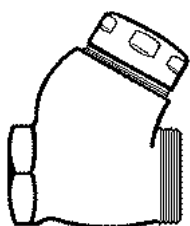
#08029
1" Stop Adjustable



#08264
1" Stop For
Non-Adjustable
Ground Joint

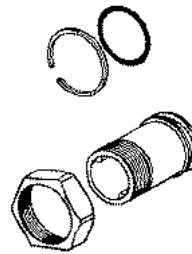


08469
3/4" Control Stop - Regal



#08031
1" Stop
Non-Adjustable
Ground Joint

ADJUSTABLE TAILPIECES

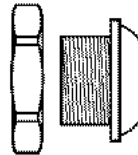


#08037 "O" Ring
#08038 Locking Ring
#08040 Nut
#08039 Tailpiece 2-1/16"
(Most Common)
#08096 Tailpiece 3-1/16"
#08097 Tailpiece 4-1/16"
#08098 Tailpiece 5-1/16"
#08099 Tailpiece 6-1/16"

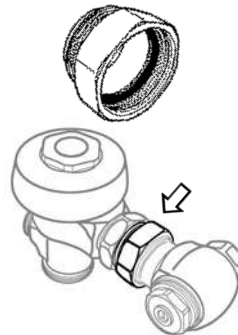
FLOW CONTROL UPGRADE KIT #85041



All Sloan High-Efficiency Urinal valves now include a flow control component inserted into the tailpiece assembly. By having a flow control on the supply side of the valve, flush delivery is more consistent and less sensitive to control stop misadjustment. This helps better match the flow rate from the flushometer to the flow rate of the HEU, while preventing splashes.

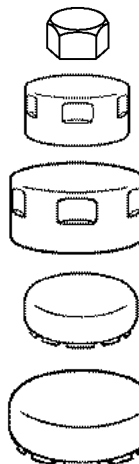


#08149
Ground Joint Control Stop Nut
#08147
Ground Joint Tailpiece 1-1/4"
For Stop
(OTHER LENGTHS AVAILABLE)



GROUND JOINT CONTROL STOP ADAPTER #80819

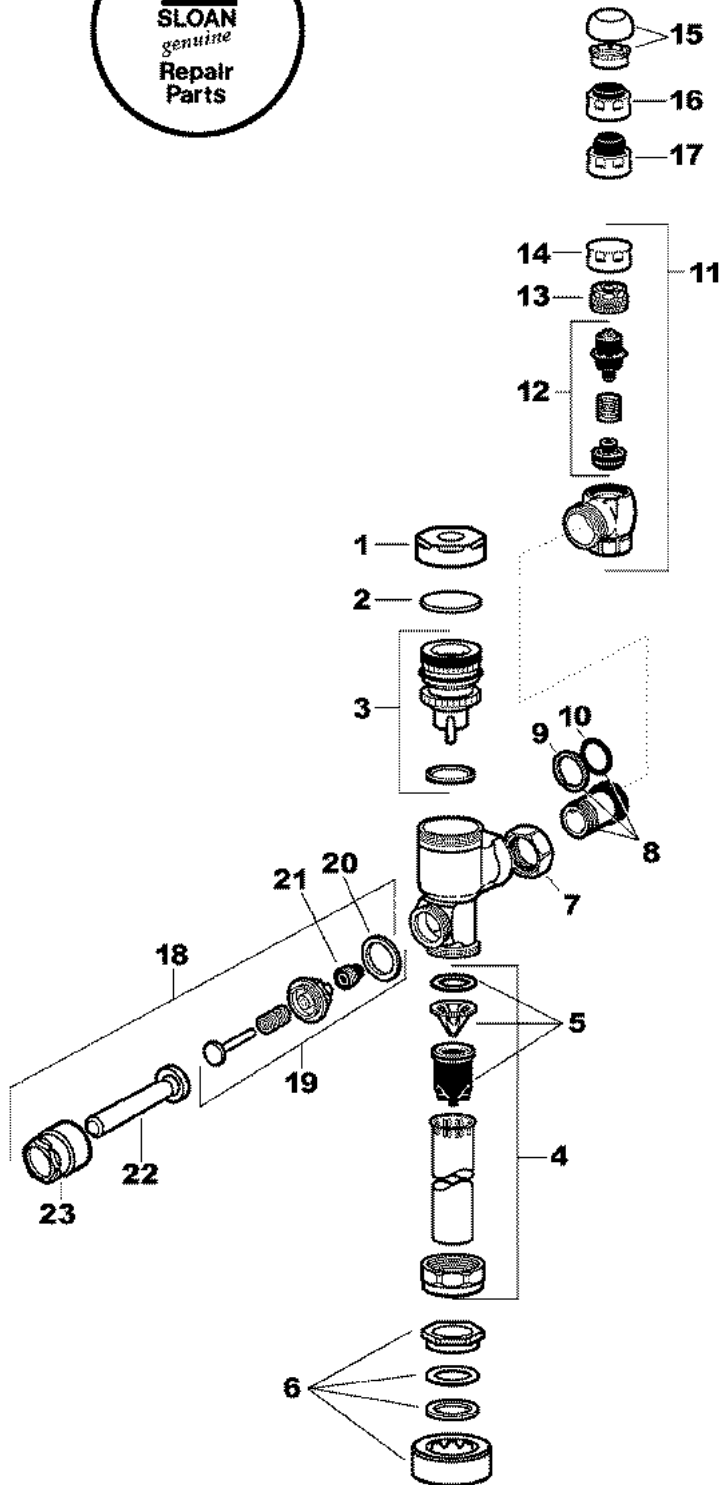
- Retro-fit adjustable tailpiece valves on existing ground joint stops.
- Converts Delany and Old Style Sloan stops
- Upgrade valves
- Saves time and avoids potential behind-the-wall issues



#80793
Stop Cover (Regal) with VP set screw
#08036
3/4" Stop Cover
#08035
1" Stop Cover
#08321
3/4" Vandal Proof
Stop Cover
#08322
1" Vandal Proof Stop Cover
Also Fits New Style
Royal 3/4" Valve



SLOAN GEM 2



1	#80827	C.P. Cover
2	#80828	Slip Disc
3	#08675	Piston Kit - Closet - 3.5 GPF
	#08593	Piston Kit - Closet - 1.6 GPF
	#08741	Piston Kit - 2.4 GPF - Closet
	#08732	Piston Kit - 1.5 GPF - Urinal
	#08595	Piston Kit - 1.0 GPF - Urinal
	#08740	Piston Kit - 0.5 GPF - Urinal
Piston Kits For Old Style Adjustable Gem Flushometers		
	#80829	Piston Kit - Closet
	#80830	Piston Kit - Urinal
4	#08016	3/4 x 9" Vacuum Breaker
	#08015	1-1/4 x 9" Vacuum Breaker
	#08014	1-1/2 x 9" Vacuum Breaker
5	#08012	Vacuum Breaker Repair Kit
6	#80831	3/4" Spud Coupling
	#80832	1-1/4" Spud Coupling
	#80833	1-1/2" Spud Coupling
7	#08040	Tailpiece Coupling Nut
8	#08039	Adjustable Tailpiece 2-1/16" Standard Length
9	#08038	Locking Ring
10	#08037	O-Ring
11	#80837	3/4" Screwdriver Bak-Chek® Stop CP
	#80791	1" Screwdriver Bak-Chek® Stop CP
12	#08033	3/4" Control Stop Repair Kit
	#08032	1" Control Stop Repair Kit
13	#08536	CP Bonnet
14	#08036	Locking Vandal Resistant Stop Cap
15	#08321	3/4" Vandal Resistant Control Stop Cap Assembly
	#08322	1" Vandal Resistant Control Stop Cap Assembly
16	#08419	Control Stop Cap With Bumper
17	#81670	Control Stop Cap With Extended Bumper
18	#80729	Handle Assembly
19	#57677	Handle Repair Kit
20	#80034	Handle Gasket
21	#08009	Handle Seal
22	#80835	Handle Grip
23	#80836	Handle Socket

Updated 7-25-13



TROUBLESHOOTING AND MAINTAINING THE GEM 2 FLUSH VALVE

IMPORTANT: The GEM Flushometer is engineered for quiet operation. Excessive water flow creates noise, while too little water flow may not satisfy the needs of the fixture. Proper adjustment is made when plumbing fixture is cleaned after each flush without splashing water out from the lip AND a quiet flushing cycle is achieved.

Never open Control Stop to where the flow from the valve exceeds the flow capability of the fixture. In the event of a valve failure, the fixture must be able to accommodate a continuous flow from the valve.

ATTENTION INSTALLERS: With the exception of the control stop inlet, DO NOT USE pipe sealant or plumbing grease on any valve component or coupling! To protect the chrome or special finish of Sloan Flushometers, DO NOT USE toothed tools to install or service these valves. Use our A-50 Super Wrench or other smooth-jawed wrench to secure couplings. Regulations for low consumption fixtures (1.6 GPF closets and 1.0 GPF urinals) prohibit use of higher flush volumes.

1 PROBLEM: VALVE DOES NOT FUNCTION

CAUSE:

- A) Control Stop or Main Valve is closed.
- B) Handle Assembly is worn.
- C) Relief Valve is worn and sticking in UP position.

SOLUTION:

- A) Open Control Stop or main valve.
- B) Install Sloan Handle Repair Kit G-50-A or replace Handle.
- C) Replace Piston.

2 PROBLEM: INSUFFICIENT VOLUME OF WATER TO ADEQUATELY SIPHON FIXTURE.

CAUSE:

- A) Control Stop not open enough.
- B) Urinal Piston parts inside a closet valve.
- C) Low-Consumption Valve installed on a Non-Low Consumption fixture.
- D) Inadequate volume or pressure at supply.

SOLUTION:

- A) Adjust Control Stop for desired delivery of water.
- B) Replace piston parts with proper Closet Piston
- C) Replace with proper Piston Kit.
- D) Increase water pressure or supply (flow) to valve. Call I.P.S. for assistance at 877-477-2930.

CALL FOR TECHNICAL ASSISTANCE!

3 PROBLEM: LENGTH OF FLUSH TOO SHORT, OR VALVE CLOSES OFF IMMEDIATELY

CAUSE:

- A) Piston Assembly is not hand-tight.
- B) Enlarged bypass orifice from corrosion or damage.
- C) Urinal Piston in closet Flushometer
- D) Low-Consumption Piston installed in non-low consumption fixture.
- E) Handle Assembly worn.

SOLUTION:

- A) Screw the assembly hand-tight.
- B) Install new inside parts kit to correct problem and update flushometer.
- C) Replace piston with proper closet piston.
- D) Replace with proper Piston Kit
- E) Install Sloan Handle Repair Kit G-50-A

4 PROBLEM: LENGTH OF FLUSH TOO LONG OR FAILS TO CLOSE OFF

CAUSE:

- A) Piston is not seating properly, bypass orifice is clogged because of foreign material, or bypass orifice is clogged by an invisible gelatinous film from "over-treated" water.
- B) Line pressure has dropped and is not sufficient to force Relief Valve to seat.
- C) A 3.5 GPF closet piston has been used in a 1 or 1.5 GPF urinal or on a 1.6 GPF toilet.
- D) Main Seat is fouled with debris or is worn.

SOLUTION:

- A) Disassemble the working parts and wash thoroughly. Note: size of the orifice in the bypass is of utmost importance in the proper metering of water into the upper chamber of the valve. DO NOT enlarge or damage this orifice. Replace piston if cleaning does not correct problem.
- B) Shut off all Control Stops until pressure has been restored, then open them again.
- C) Replace with proper Piston.
- D) Clean or replace Main Seat.

5 PROBLEM: LEAKING AT HANDLE ASSEMBLY

CAUSE:

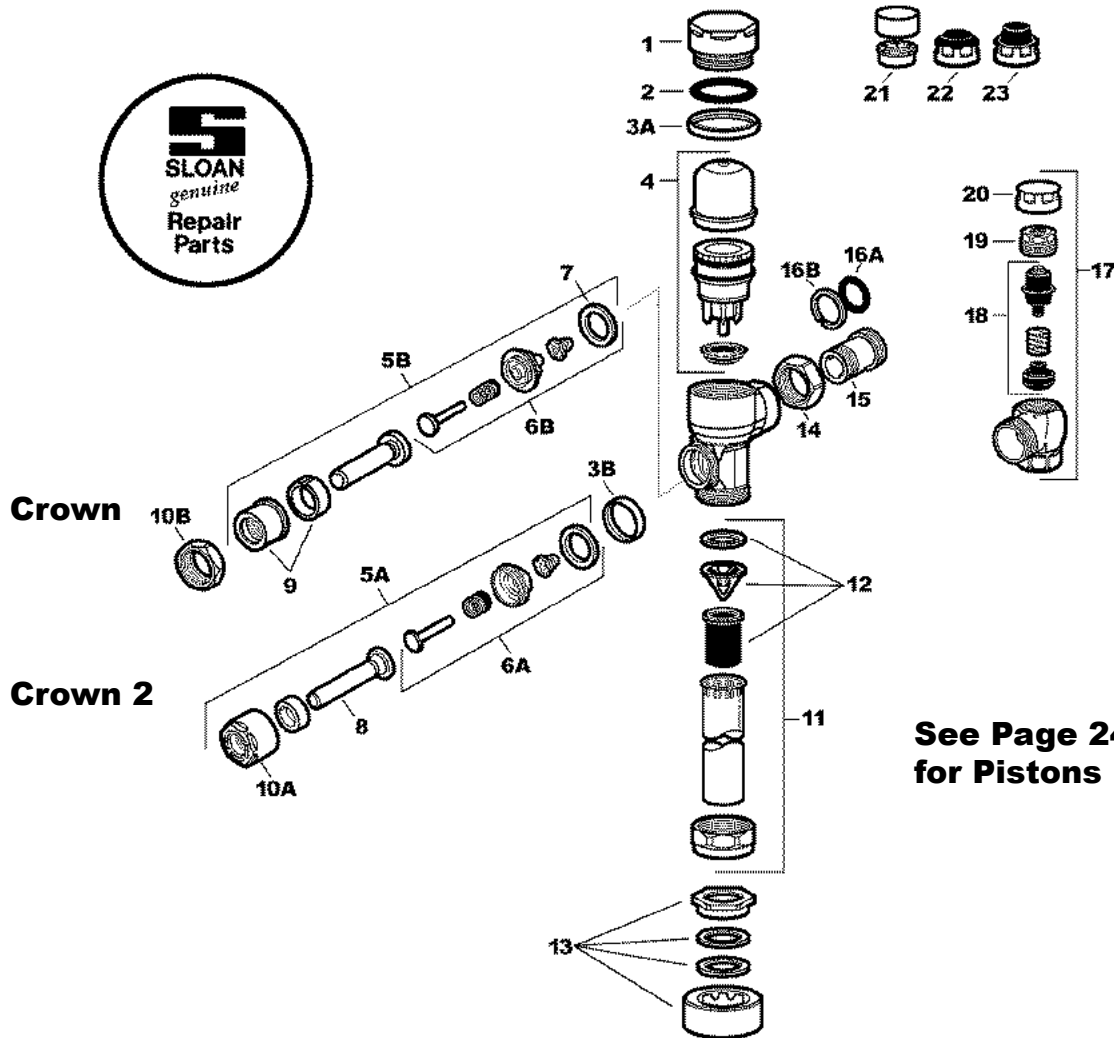
- A) The B-39 Seal may have deteriorated
- B) Handle Gasket has been omitted
- C) Valve Handle Bushing is worn

SOLUTION:

- A) Install new B-39 seal. NOTE: The B-85 seal will easily slide onto the bushing if it is wet
- B) Install G-35 Handle Gasket or Sloan Handle Repair Kit G-50-A
- C) Install Sloan Handle Repair Kit G-50-A, or replace Handle



SLOAN CROWN & CROWN 2



**See Page 24
for Pistons**

1	#80839	C.P. Cover	5a	#80848	ADA Compliant Handle Assembly CP B-30-A	16a	#80837	"O" Ring
2	#85630	Cover O-Ring	5b	#80869	ADA Compliant Handle Assembly CP B-73-A	16b	#80838	Locking Ring
	#80840	CP Handle & Cover Trim Ring Kit (Includes Items 3a And 3b) (Crown II Only)	6a	#80849	Handle Repair Kit CR-1007	17	#80791	1" Screwdriver Bak-Check Stop CP
	#80841	PVDPB Handle And Cover Trim Ring Kit (Includes Items 3a & 3b) (Crown II Only)	6b	#8439	Handle Repair Kit B-51-A		#80837	3/4" Screwdriver Bak-Check Stop CP
3	#80842	PVDPB Handle And Cover Trim Ring Kit (Includes Items 3a & 3b) (Crown II Only)	7	#80865	Handle Gasket	18	#80832	Control Stop Repair Kit *
	#80843	PVDPB Handle And Cover Trim Ring Kit (Includes Items 3a & 3b) (Crown II Only)	8	#8902	Handle Grip Sub-Assembly ADA		#80833	Control Stop Repair Kit **
	#80844	SF Handle And Cover Trim Ring Kit (Includes Items 3a & 3b) (Crown II Only)	9	#80867	CP Socket Assembly	19	#8536	CP Bonnet *
4	#80845	Piston Kit - 1.6 GPF Closet	10a	-	Handle Socket	20	#80835	Locking Vandal Resistant Control * Stop Cap Includes H-573 Stop Cap CP and H-648 Friction Ring
	#82849	Piston Kit - 1.2 GPF Urinal	10b	#80854	CP Handle Coupling		#80836	Locking Vandal Resistant Control** Stop Cap
	#80846	Piston Kit - 1.0 GPF Urinal	11	#8465	3/4 X 9" Vacuum Breaker	21	#80850	Vandal Resistant *
	#80847	Piston Kit - 0.5 GPF Urinal		#8466	1-1/4 X 9" Vacuum Breaker	22	#8419	Control Stop Cap With Bumper* (-YO Variation)
				#8467	1-1/2 X 9" Vacuum Breaker	23	#81670	Control Stop Cap W/Extended * Bumper (-YG Variation)
			12	#8438	High Back Pressure Vacuum Breaker Repair Kit		#54708	Handle Adapter For Optima Version (Not Shown)
			13	#80831	3/4" X 9" Spud Coupling Assembly			
				#80832	1-1/4" X 9" Spud Coupling Assembly			
				#80833	1-1/2" X 9" Spud Coupling Assembly			
			14	#80840	Stop Coupling			
			15	#80839	Adj. Tailpiece 2-1/16"			



TROUBLESHOOTING AND MAINTAINING THE CROWN & CROWN II FLUSHOMETER

IMPORTANT: The Crown II/Crown Flushometer is engineered for quiet operation. Excessive water flow creates noise, while too little water flow may not satisfy the needs of the fixture. Proper adjustment is made when plumbing fixture is cleansed after each flush without splashing water out from the lip AND a quiet flushing cycle is achieved.

ATTENTION INSTALLERS: With the exception of the control stop inlet, DO NOT USE pipe sealant or plumbing grease on any valve component or coupling! To protect the chrome or special finish of Sloan Flushometers, DO NOT USE toothed tools to install or service these valves. Use our #8047 Super Wrench or other smooth-jawed wrench to secure couplings. Regulations for low consumption fixtures (1.6 GPF closets and 1.0 GPF urinals) prohibit use of higher flush volumes.

1 PROBLEM: VALVE DOES NOT FUNCTION

CAUSE:

- A) Control Stop or Main Valve is closed.
- B) Handle Assembly is worn.
- C) Relief Valve is worn and sticking in UP position.

SOLUTION:

- A) Open control stop or main valve.
- B) Install Sloan Handle Repair Kit (CR-1007 for Crown II, B-51-A for Crown,) or replace handle.
- C) Replace piston.

2 PROBLEM: INSUFFICIENT VOLUME OF WATER TO ADEQUATELY SIPHON FIXTURE.

CAUSE:

- A) Control Stop not open enough.
- B) Urinal piston parts inside a closet valve.
- C) Low consumption valve installed on a non-low consumption fixture.
- D) Inadequate volume or pressure at supply.

SOLUTION:

- A) Adjust control stop for desired delivery of water.
 - B) Replace piston parts with proper closet piston
 - C) Replace with proper flushometer
 - D) Increase water pressure or supply (flow) to valve.
- Call I.P.S. for assistance at (877) 477-2930.

3 PROBLEM: LENGTH OF FLUSH TOO SHORT, OR VALVE CLOSSES OFF IMMEDIATELY

CAUSE:

- A) Piston assembly is not hand-tight.
- B) Enlarged bypass orifice from corrosion or damage.
- C) Urinal piston in closet Flushometer
- D) Low consumption piston installed in non-low consumption fixture.
- E) Handle assembly worn.

3 (cont.)

SOLUTION:

- A) Screw the assembly hand-tight.
- B) Install new inside parts kit to correct problem and update flushometer.
- C) Replace piston with proper closet piston.
- D) Replace with proper flushometer. Crown Flushometers are not available with flush volume higher than 1.6 GPF.
- E) Install Sloan Handle Repair Kit (CR-1007 for Crown II, B-51-A for Crown.)

4 PROBLEM: LENGTH OF FLUSH TOO LONG OR FAILS TO CLOSE OFF

CAUSE:

- A) Piston is not seating properly, bypass orifice is clogged because of foreign material, or bypass orifice is clogged by an invisible gelatinous film from "over-treated" water.
- B) Line pressure has dropped and is not sufficient to force Relief Valve to seat.
- C) CR-125-A main seat is fouled with debris, or is worn.

SOLUTION:

- A) Disassemble the working parts and wash thoroughly. Note: Size of the orifice in the by-pass is of utmost importance in the proper metering of water into the upper chamber of the valve. DO NOT enlarge or damage this orifice. Replace piston if cleaning does not correct problem.
- B) Shut off all control stops until pressure has been restored, then open them again.
- C) Clean or replace CR-125-A main seat.

5 PROBLEM: LEAKING AT HANDLE ASSEMBLY

CAUSE:

- A) The B-85 seal may have deteriorated.
- B) Handle gasket has been omitted.
- C) Valve handle bushing is worn
- D) Handle trim ring is reversed, preventing gasket from sealing. (Crown II only)

SOLUTION:

- A) Install new B-85 seal. NOTE: The B-85 seal will easily slide onto the bushing if it is wet
- B) Install A-31 handle gasket or Sloan Handle Repair Kit
- C) Install Sloan Handle Repair Kit (CR-1007 for Crown II, B-51-A for Crown,) or replace handle
- D) Flip handle trim ring (CR-113) and reinstall handle assembly. (Crown II only)

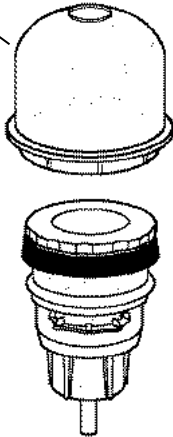
CALL FOR TECHNICAL ASSISTANCE!



SLOAN PISTONS

PISTONS FOR CURRENT CROWN 2 AND CROWN

#85631
COVER
ONLY



Piston Assemblies with Inside Cover

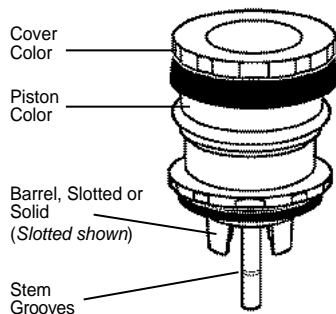
#80845	Closet Assembly	1.6 GPF	Green
#82849	Closet Assembly	1.2 GPF	Purple
#80846	Urinal Assembly	1.0 GPF	Yellow
#80847	Urinal Assembly	0.5 GPF	Red

Piston Only

#08742	Closet Piston Only	1.6 GPF	Green
#08739	Urinal Piston Only	1.0 GPF	Yellow
#08733	Urinal Piston Only	0.5 GPF	Red

PISTONS FOR GEM 2

Pistons can be identified by the color, shape, and markings of the components.

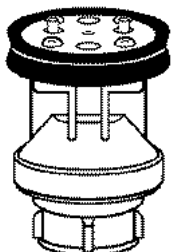


			Cover Color	Piston Color	Barrel
#08675	Closet Piston Assembly	3.5 GPF	White	Gray	Slotted
#08741	Closet Piston Assembly	2.4 GPF	Blue	Gray	Slotted
#08593	Closet Piston Assembly	1.6 GPF	Green	Black	Slotted
#08732	Urinal Piston Assembly	1.5 GPF	Black	Black	Solid
#08595	Urinal Piston Assembly	1.0 GPF	Yellow	Black	Solid
#08740	Urinal Piston Assembly	0.5 GPF	Red	Black	Solid

#08734
Repair Kit

Includes slip disc, molded cup, spring, relief valve seat, filter o-ring, and main seat.

OLD STYLE PISTON UNITS & REPAIR KITS



#08044
Closet Piston Unit
for Crown F/V

#08045
Urinal Piston Unit
for Crown F/V

#08046
Repair Kit for Crown
Closet & Urinal Pistons

GEM FLUSH VALVE SIDE MOUNT ADAPTER



#SP5524
Adapt Gem and Naval valves
to fit Sloan Side Mounts
#08532, #85605, and #85606.

Just screw the adapter onto the Gem handle hole, and then install the Side Mount onto the adapter.



SLOAN PISTON FLUSHOMETERS

GEM 2

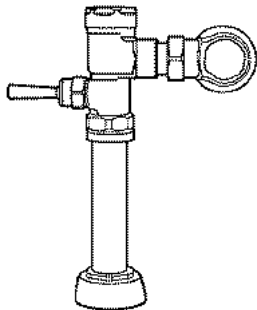
Designed for the Budget Conscious Facility

Description:

Exposed Piston Flushometer
for Floor Mounted or Wall Hung
Top Spud Bowls and Urinals.

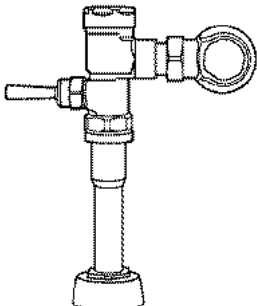
Specifications:

- Fixed volume piston with filtered o-ring bypass.
- ADA compliant metal oscillating handle.



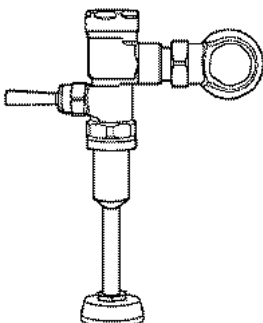
#08663
CLOSET - 3.5 GPF
1-1/2" Vacuum Breaker
Water Saver - 1" Stop

#08716
CLOSET - 1.6 GPF
1-1/2" Vacuum Breaker
Low Consumption - 1" Stop



#08785
URINAL - 3.0 GPF
1-1/4" Vacuum Breaker
1" Stop

#08786
URINAL - 1.0 GPF
1-1/4" Vacuum Breaker
Low Consumption - 1" Stop



#08797
URINAL - 1.5 GPF
3/4" Vacuum Breaker
Water Saver - 3/4" Stop

#08799
URINAL - 1.0 GPF
3/4" Vacuum Breaker
Low Consumption - 3/4" Stop

#08555
URINAL - 0.5 GPF
3/4" Vacuum Breaker
Low Consumption - 3/4" Stop

CROWN

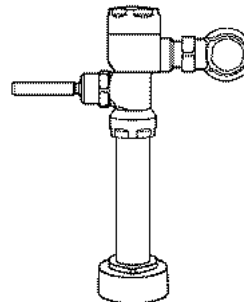
Designed and Engineered for Today's "Green Environment"

Description:

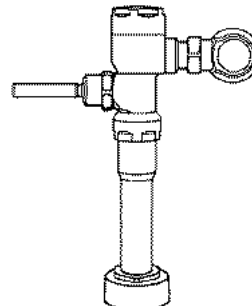
Exposed Piston Flushometer
for Floor Mounted or Wall Hung
Top Spud Bowls and Urinals.

Specifications:

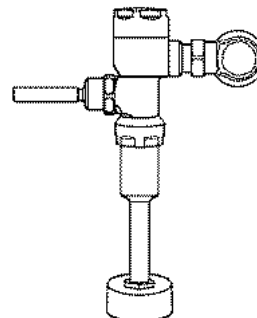
- Fixed volume piston with filtered o-ring bypass.
- ADA compliant non-hold-open handle with triple seal handle packing.
- Fixed metering bypass and no external volume adjustment to ensure water conservation.



#08754
CLOSET - 1.6 GPF
1-1/2" Vacuum Breaker
Low Consumption - 1" Stop



#08774
URINAL - 1.0 GPF
1-1/4" Vacuum Breaker
Low Consumption - 1" Stop



#08755
URINAL - 1.0 GPF
3/4" Vacuum Breaker
Low Consumption - 3/4" Stop



SLOAN SIDE MOUNT

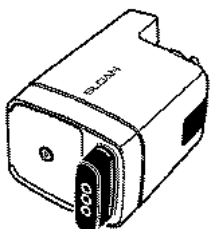
NEW AND IMPROVED! SLOAN SIDE MOUNT OPERATORS

Battery Powered, Sensor Activated
Retrofit Conversion Kits For
Exposed Closet Flushometers

*You
Gotta
Check
These
Out!*

ALL UNITS

- Retrofits to Royal, Sloan Regal, Crown, and Zurn Flushometers.
- Chrome plated housing.
- Includes 4 C cell alkaline batteries
- Three year battery life at 3000 flushes/month
- ADA compliant infrared side mount sensor for automatic hands free activation.
- User friendly three second flush delay.
- Automatic 72 hour sentinel flush keeps fixture fresh during periods of non-use
- Indicator lights show when user is in range or battery is low.
- 3 year limited warranty



#85606 SINGLE FLUSH SLOAN SIDE MOUNT OPERATOR

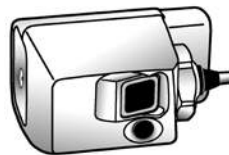
- For exposed closet or urinal flushometers
- Smart Sense Technology™ features self-adaptive infrared sensor
- Non-hold-open, user initiated True Mechanical Override (TMO) black button provides full flush.



#85605 DUAL FLUSH SLOAN SIDE MOUNT OPERATOR

- Smart Sense Technology™ features self-adaptive infrared sensor and automatically provides reduced flush when user is in range for less than 60 seconds.
- Reduced flush on a 1.6 gpf flushometer will deliver 1.1 gpf, a 31% savings in water per flush.
- Full flush automatically provided when user is present longer than 60 seconds.
- Non-hold-open, user initiated True Mechanical Override (TMO) black button provides full flush.
- Small green button provides user initiated reduced flush option.

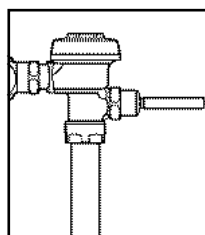
SLOAN



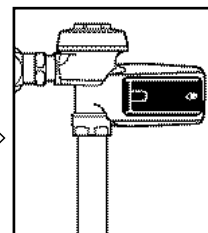
#08532 SLOAN SIDE MOUNT OPERATOR WITH METAL COVER

- Fits Sloan or Zurn
- Sensor-operated for hands-free performance
- Low battery light notification
- Courtesy flush button
- Standard "C" batteries supplied
- Time savings - no water shut-off required for installation or battery replacement
- Fixtures stay cleaner longer
- Helps eliminate odors
- ADA compliant

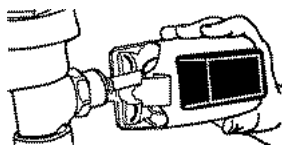
#08825 SLOAN SMOOTH OPERATOR



FROM
MANUAL
TO
ELECTRONIC
IN LESS THAN
A MINUTE!



NO ASSEMBLY NEEDED!



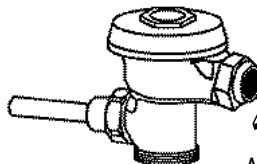
SMOOTH is ready to operate out of the box. Just slide it over the handle and secure the clamp. It's SMOOTH!

SMOOTH automatically adjusts to the surroundings, and will adapt when the surroundings change



- Utilizes four "C" batteries.
- Left or right handed installation.
- SMOOTH sleeps when the restroom is dark, extending battery life.

ROYAL RETROFIT FOR GROUND JOINT CONNECTIONS



#08112 Royal Closet Valve Sub Assembly

Adjustable Length
Ground Joint Tailpiece

#08104 Royal Urinal Valve Sub Assembly

Designed to replace **Coyne & Delany** and **Watrous** valves without having to replace the supply stop and vacuum breaker flush connection.

- Adjustable ground joint tailpiece.
- Supply stop and vacuum breaker are not supplied.



SLOAN DUAL FLUSH/SINGLE FLUSH

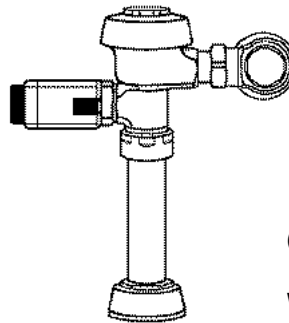
SLOAN

COMPLETE FLUSHOMETERS - DUAL FLUSH/SINGLE FLUSH

**Exposed, Battery Powered, Side Mount, Sensor Activated
Water Closet Flushometers for Top Spud Bowls**

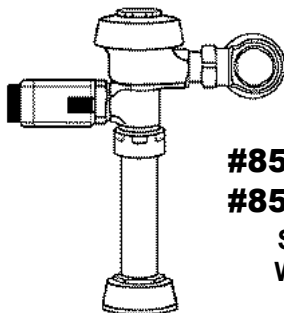
ALL UNITS

- Quiet, diaphragm type chrome plated closet flushometer.
- Permex® synthetic rubber diaphragm with dual filtered bypass.
- High copper, low zinc brass castings for dezincification resistance.
- Adjustable tailpiece.
- Free-spinning vandal resistant stop cap.
- 1" IPS screwdriver Bak-Chek® angle stop
- High back pressure vacuum breaker flush connection
- Right or left side mountable
- Chrome plated housing
- Includes 4 C cell alkaline batteries.
- Three-year battery life at 3000 flushes per month.
- ADA compliant infrared side mount sensor for automatic hands free activation.
- User friendly three-second flush delay.
- Automatic 72 hour sentinel flush keeps fixture fresh during periods of non-use.
- Indicator lights show when user is in range or battery is low.
- Three-year limited warranty.



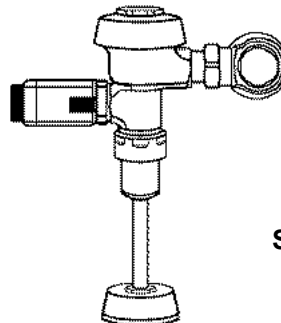
#85607
(1.6 OR 1.1 GPF)
DUAL FLUSH,
WATER CLOSET

- For 1-1/2" Top Spud Closets
- Smart Sense Technology™ features self-adaptive infrared sensor and automatically provides reduced flush when user is in range for less than 60 seconds.
- Reduced flush on a 1.6 gpf flushometer will deliver 1.1 gpf, a 31% savings in water per flush.
- Full flush automatically provided when user is present longer than 60 seconds.
- Non-hold open, user initiated True Mechanical Override (TMO) black button provides full flush.
- Small, green button provides user initiated reduced flush option.



#85609 (1.6 GPF)
#85610 (1.28 GPF)
SINGLE FLUSH,
WATER CLOSET

- For 1-1/2" Top Spud Closets
- Smart Sense Technology™ features self-adaptive infrared sensor.
- Non-hold open user-initiated True Mechanical Override (TMO) Button

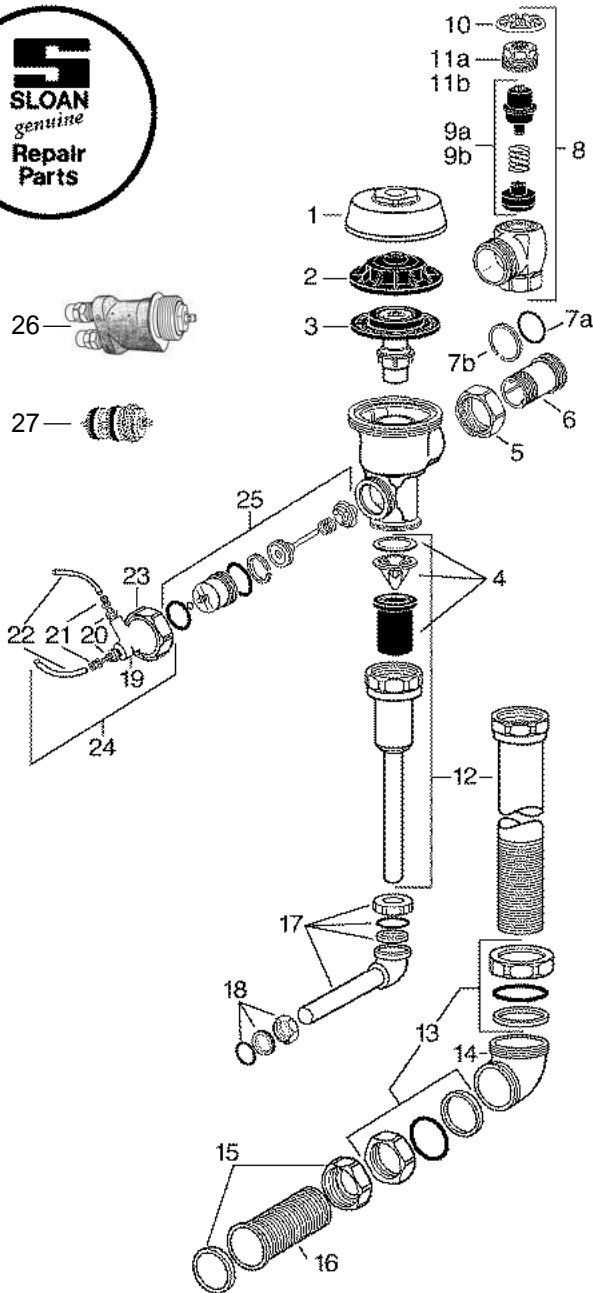


#85611
(1.1 GPF)
SINGLE FLUSH,
URINAL

- For 3/4" Top Spud Urinals.
- Smart Sense Technology Features Self-Adaptive Infrared Sensor.
- Non-hold open user-initiated True Mechanical Override (TMO) Button



SLOAN HYDRAULIC SERIES 900



1	#08049RB	RB Cover
2	#08050	Inside Cover
3	See Bottom of Page	
4	#08438	Vacuum Breaker Repair Kit
5	#08040	RB Tailpiece Coupling
6	#08039	RB Adjustable Tailpiece Coupling
7A	#08037	O-Ring
7B	#08038	Locking Ring
8	#SP5695	RB Wheel Handle Bak-Chek® Control Stop
9A	#08282	Locking Ring
9B	#08248	Locking Ring
10	#83466	Wheel Handle
11A	#83467	1" RB Bonnet
11B	#83468	3/4" RB Bonnet
12	Must Specify Length	Royal Vacuum Breaker Flush Connection
13	#56124	1/2" RB Couplings, Friction Rings, and Rubber Gaskets
14	#56123	RB Elbow
15	#83469	1-1/2" RB Coupling, Friction Ring, and Rubber Gasket
16	Must Specify Length	RB Flared End Flush Connection
17	Must Specify Length	3/4" RB Elbow Flush Connection with Coupling and Rubber Gasket
18	#SP8788	3/4" RB Coupling, Friction Ring, and Rubber Gasket
19	#08531	RB Valve Actuator Housing only
20	#83470	Tube Fitting
21	#83471	Tube Fitting Nut
22	#08635	1/4" x 48" Connecting Tubes
23	#83472	RB Handle Coupling Nut
24	#08636	Actuator Housing Assembly
25	#08392	Actuator Cartridge Assembly
26	#08395	Actuator Sub-Assembly
27	#08534	Actuator Sub-Assembly Repair Kit

HYDRAULIC REPAIR KITS

Includes:

Retro Kit
Actuator Cartridge
Tailpiece O-Ring
Vacuum Breaker



#83541 Hydraulic Repair Kit 3.5 GPF	#83542 Hydraulic Repair Kit 2.4 GPF	#83540 Hydraulic Repair Kit 1.6 GPF
#08563 Retro Kit Only 3.5 GPF	#08752 Retro Kit Only 2.4 GPF	#08564 Retro Kit Only 1.6 GPF
#83545 Hydraulic Repair Kit 1.5 GPF	#83544 Hydraulic Repair Kit 1.0 GPF	#83543 Hydraulic Repair Kit 0.5 GPF
#08562 Retro Kit Only 1.5 GPF	#08565 Retro Kit Only 1.0 GPF	#08566 Retro Kit Only 0.5 GPF



TROUBLESHOOTING AND MAINTAINING THE SLOAN 900 SERIES

Attention Installers: With the exception of the control stop inlet, do not use pipe sealant or plumbing grease on any valve component or coupling. To protect the chrome or special finish of Sloan Flushometers, Do not use toothed tools to install or service these valves. Use our **#08047** super wrench or **#08070** non marking wrench. Please confirm the water requirements of the fixture before proceeding with the troubleshooting process. Having the proper water flow is critical for valve and fixture performance.

1 PROBLEM: *Leakage occurs at the push button.*

CAUSE: A) Damaged or worn seals in the actuator cartridge.

B) Lime and scale may be built up in the cartridge

SOLUTION: A & B) Replace with a new **#08534** cartridge.

2 PROBLEM: *Flushometer does not flush and leakage is visible on the fixture.*

CAUSE: A) Debris is lodged in the actuator cartridge.

B) Damaged or worn seals in the actuator cartridge.

C) Plastic tubing damaged or fittings loose.

SOLUTION: A) Remove and inspect. Clean the cartridge under running water, reinstall and test.

B) Replace with a new **#08534** cartridge.

C) Inspect tubing and all connections. During new installations confirm the tubing has been installed properly.

3 PROBLEM: *The Flushometer does not flush or flushes once and will not flush a second time when the button is pushed.*

CAUSE: A) The plunger is lodged in the **#08392** actuator cartridge, or the bypass hole is clogged.

B) Lime and scale build up in the **#08392** actuator cartridge.

C) Damaged or worn seals on the **#08392** actuator cartridge.

D) Orifice is clogged in the diaphragm assembly.

SOLUTION: A) Remove the **#08636** actuator housing, remove actuator cartridge from housing **#08392**, clean the cartridge under running water.
B) Remove the cartridge and clean under running water. If the problem persists replace the **#08392** cartridge.
C) Replace the cartridge.
D) Turn off water supply At stop valve. Remove **#08049** main valve cover and inside cover **#08050**. Clean the diaphragm assembly under running water. If the problem persists identify the correct diaphragm assembly and replace.

4 PROBLEM: *The Flushometer does not flush properly.*

CAUSE: A) The control stop or main water supply valve is closed.

SOLUTION: A) Confirm the control stop valve and valve from main water supply are open.

5 PROBLEM: *Volume of water is insufficient to adequately clear fixture.*

SOLUTION: A) Identify the water requirements of the fixture.

B) Confirm the gallon rate of the installed diaphragm kit, if the incorrect kit has been installed replace it with the diaphragm kit to meet the fixture water requirements.

C) Inspect the diaphragm kit for damage, or debris. Clean or replace as necessary. Please note the proper gallon rate required for the fixture must be used to insure proper Flush valve performance.

6 PROBLEM: *Flushometer closes immediately (Short Flush)*

CAUSE: A) Main valve cap, **#08049**, is loose.

B) Inside cover, **#08050**, is cracked.

C) Worn or damaged diaphragm kit.

SOLUTION: A) Turn off water supply at the control stop, cycle the Flushometer once to remove the remaining water pressure in the Flush valve. Tighten **#08049** main valve cap using a non-marking wrench. See **#08047** and **#08070** wrenches for proper valve service.

B) Turn off water supply at the control stop, cycle the Flushometer once to remove the remaining water pressure in the Flush valve. Remove **#08049** main valve cap using a non-marking wrench and inspect the **#08050** inside cover for damage. Please note damage in the **#08050** will in some cases allow water to leak from the main valve cap. Replace the inside cover if needed.

C) Inspect the kit, and replace it with the proper kit to provide the water requirements of the fixture. Please note for proper Flush valve performance the correct diaphragm kit must be used.

D) For additional assistance please call 877-477-2930 to speak with one of our skilled technicians.

7 PROBLEM: *Length of flush is too long, or Flush valve fails to close.*

CAUSE: A) The wrong Diaphragm Kit been used to supply the water needs of the fixture.

B) Debris is clogging the orifice in diaphragm kit.

SOLUTION: A) Confirm the water requirements of the fixture

B) Turn off water at control stop. Cycle the valve once to relieve water pressure. Use a non marking wrench such as a **#08047** or **#08070** to remove the man valve cap and inside cover. When an older diaphragm kit is encountered hold the diaphragm up to a light source, if light cannot be seen through the orifice rinse the diaphragm kit under running water and re examine. If the is not clear of debris, or the diaphragm shows signs of wear replace it with a diaphragm kit to provide the proper water requirements for the fixture. When new style dual filtered kits are encountered remove the top and bottom filter rings, rinse diaphragm kit and re install the filter rings. If the filter rings or the diaphragm kit show any signs of wear replace it with a diaphragm kit to provide the water requirements for the fixture. For additional assistance please call 877-477-2930 to speak with one of our skilled technicians.

HOW TO REMOVE ACTUATOR CARTRIDGE AT PUSH BUTTON

Plastic Push Button

1. Loosen the set screw in the button flange using a 5/64" hex wrench. Remove the button, flange, and spring from the actuator body.
2. Unscrew the **#08534** actuator cartridge from the actuator body. Please note there is a check valve in the actuator body which allows the removal of the cartridge without turning off the water supply.

Metal Push Button

1. Remove the metal push button or actuator assembly from the wall or fixture.
2. Disassemble the flange or button assembly from the actuator body.
3. Unscrew the **#08534** cartridge from the actuator body. Please note the metal push button was designed to be vandal resistant and must be removed from the wall before servicing.

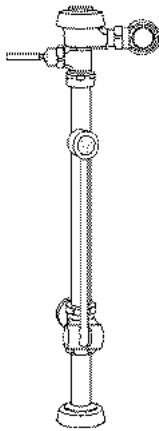
HOW TO REMOVE ACTUATOR FROM THE FLUSHOMETER

1. Turn off water at the control stop.
2. Unscrew the housing coupling nut from the Flushometer.
3. Remove the valve actuator housing from the Flushometer, the plastic tubing may remain attached.
4. Remove the actuator cartridge assembly from the Flushometer body. Please note that care should be used so that the actuator does not abruptly separate due to the spring compression within cartridge. If the **#08534** cartridge is lodged in the body, grip the exposed portion gently with a pair of pliers and rotate it to loosen the o-ring seal.
5. Separate the actuator housing to reveal the spring and plunger inspect them for wear. If necessary, replace.



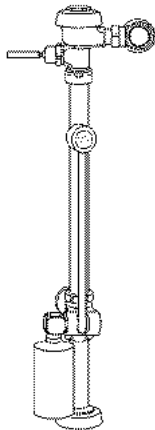
SLOAN BEDPAN WASHER

BEFORE 1998



#08090 Bedpan Washer

#08145 Less Flush Valve



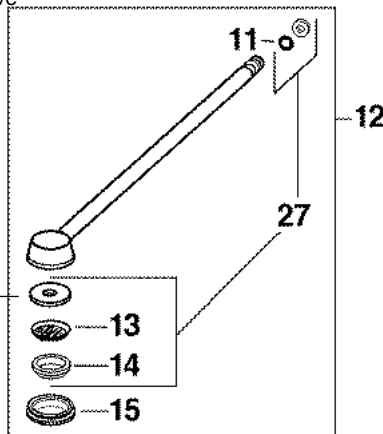
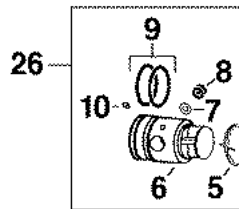
#08091 With Deoseptic Unit

#08146 With Deoseptic Unit
Less Flush Valve

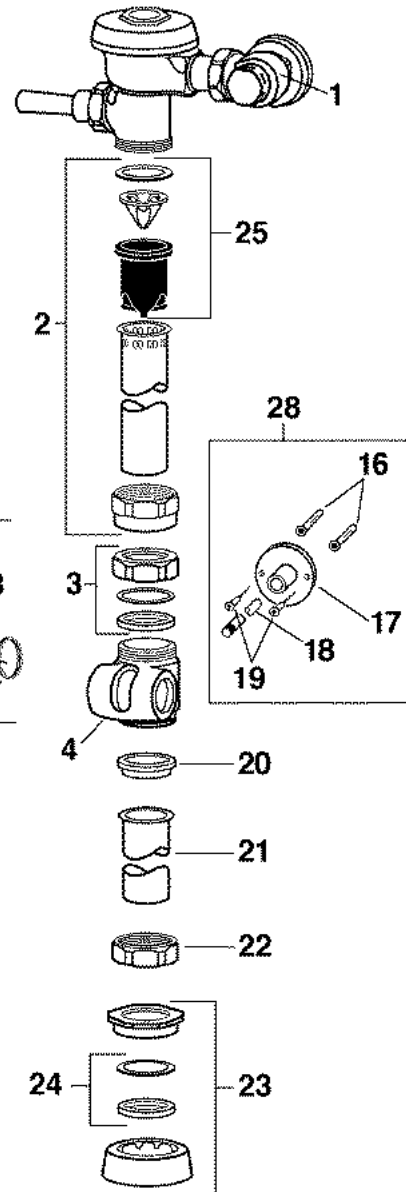
#08731 With Offset

**DUE TO MANY VARIATIONS,
PLEASE CALL
BEFORE ORDERING.**

**2" OFFSET AVAILABLE ON
REQUEST FOR CONVERSION
FROM AM. STANDARD,
CHICAGO FAUCET, OR
AM. STERILIZER UNITS.**



This washer used in
Bio-Gard
Spray Arms ONLY

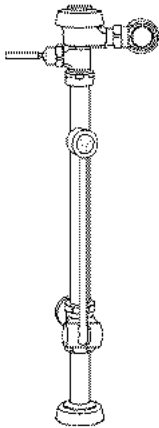


1	#08464	1" Screwdriver Control Stop	11	See #27	"O" Ring	23	#08017	1-1/2" Coupling Assembly
2	#08725	1-1/2 x 21-1/2 Vacuum Breaker	12	#08093	Nozzle & Tube Assembly	24	#08020	1-1/2" Gasket Kit
	#08436	1-1/2 x 21-1/2 VB w/2" Offset	13	See #27	Nozzle Screen	25	#08012	Vacuum Breaker Repair Kit
	#80795	1-1/2 x 13-1/2 ADA Height VB	14	See #27	Nozzle Spray Disc	26	#08803	Complete Pivot Replacement
3	#88121	1-1/2" Slip Joint Coupling Assembly	15	See #12	Spray Disc Retainer	27	#08846	Spray Arm Repair Kit
4	#08329	Diverter Valve Body	16	See #28	Lead Anchor 5/16" (2 Req.)	28	#08813	Wall Support Kit
5	See #26 or #08092	Counterbalance Spring	17	See #28	Wall Flange W/Set Screw	#08092 Repair Seal Set (Most Common) Contains Items 5, 7, 8, 9, 10, 11, 13, 14		
6	#08286	Nozzle Pivot	18	#08935	Support Rod	#85771 Deoseptic Conversion Kit Contains All Parts Needed To Convert From #08145 To #08146		
7	See #26 or #29	Diverter Valve Seal Washer	19	See #28	# 10 Wood Screw (2 Req.)	CALL FOR TECHNICAL ASSISTANCE		
8	See #26 or #29	Diverter Valve Seal	20	#04898	Outlet Tube Gasket			
9	#08354	Diverter "O" Ring (2 Req.)	21A	#08021	Outlet Tube			
10	See #26 or #29	Set Screw	21B	#08073	Offset Outlet Tube			
			22	#08022	1-1/2" Coupling			



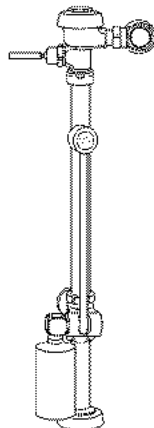
SLOAN BEDPAN WASHER

BEFORE 1998



#08090 Bedpan Washer

#08145 Less Flush Valve



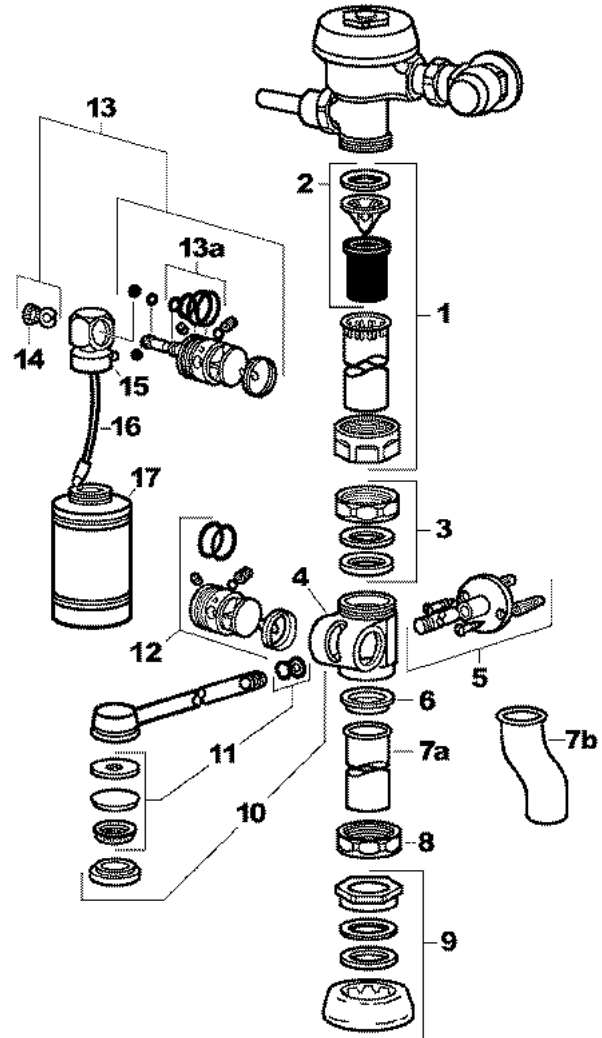
#08091 With Deoseptic Unit

#08146 With Deoseptic Unit
Less Flush Valve

#08731 With Offset

**DUE TO MANY VARIATIONS,
PLEASE CALL
BEFORE ORDERING.**

**2" OFFSET AVAILABLE ON
REQUEST FOR CONVERSION
FROM AM. STANDARD,
CHICAGO FAUCET, OR
AM. STERILIZER UNITS.**

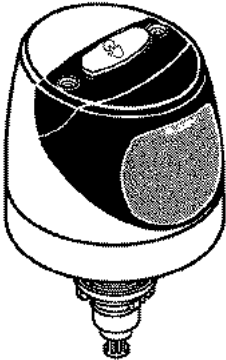


<p>1 #08725 1-1/2" x 21-1/2" CP Vacuum Breaker</p> <p>#80795 1-1/2" x 13-1/2" CP Vacuum Breaker (ADA height)</p> <p>#08436 1-1/2" x 21-1/2" CP Vacuum Breaker with 2" Offset</p>	<p>11 #08846 Spray Arm Repair Kit</p> <p>12 #08803 Pivot Replacement Kit</p> <p>- Diverter Valve Assembly & Spray Arm Assembly</p>
<p>2 #08438 Vacuum Breaker Repair Kit</p>	<p>DEOSEPTIC UNIT PARTS</p>
<p>3 #08812 1-1/2" Slip Joint Coupling</p>	<p>13 #08802 Deoseptic Pivot Replacement Kit</p>
<p>4 #08329 Diverter Valve Body (non-deoseptic bottle)</p> <p>#80820 Diverter Valve Body (deoseptic bottle)</p>	<p>13a #08354 O-Ring Piston - 2 required</p> <p>13b #08355 Set Screw</p>
<p>5 #08813 Wall Support Kit</p>	<p>13c #08361 Diverter Valve Seal Washer</p>
<p>6 #08528 Outlet Tube Gasket</p>	<p>13d #08360 Diverter Valve Seal</p>
<p>7a #80821 Outlet Tube</p>	<p>14 #80823 Plug Button</p>
<p>7b #80873 Outlet Tube with 1-1/2" Offset</p>	<p>15 #80824 Swivel & Ball Check Assembly</p>
<p>8 #80822 1-1/2" Coupling Nut</p>	<p>16 #80825 Aspirator Tube Assembly</p>
<p>9 #80817 1-1/2" Spud Coupling Assembly</p>	<p>17 #80826 Deoseptic Solution Bottle</p>
<p>10 #08093 Spray Arm Replacement Kit</p> <p>#88846 Short Spray Arm Replacement Kit (for use with f-182 offset outlet tube)</p>	<p>#08092 Repair Seal Set (Most Common) Contains Items 5, 7, 8, 9, 10, 11, 13, 14</p>



SLOAN G2 OPTIMA PLUS

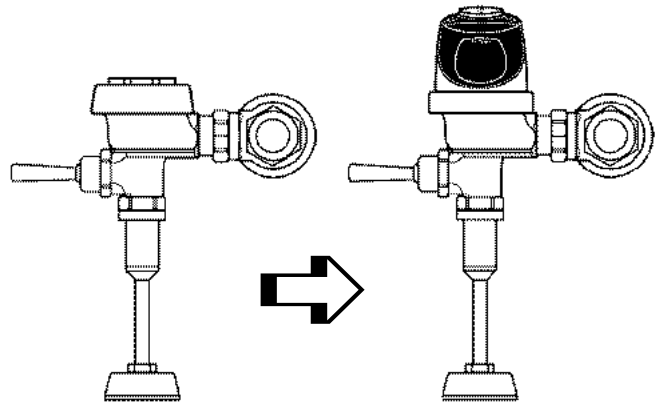
HANDS FREE G2 RETROFIT FOR FLUSHOMETER



INSTALLS IN LESS THAN FIVE MINUTES!

Sloan's G2 Optima Plus battery operated flushometers turn any restroom into an odorless, highly hygienic place. They can retrofit on all existing Sloan Royal or most other diaphragm valves quickly and easily. G2 Optima Plus flushes automatically after each use, so it will keep things cleaner, longer! People will appreciate the clean condition of the restroom. Great for ADA restrooms. Uses four AA three-year life batteries. Give I.P.S. a call!

- Battery operated - no need for AC hookups.
- Four (4) size AA batteries factory installed.
- Batteries will last more than 3 years under normal usage.
- Easy to install in just minutes.
- Keeps restrooms cleaner, longer!
- Permex synthetic rubber diaphragm with dual filtered fixed bypass.
- Flex tube diaphragm designed for improved life and reduced maintenance.
- ADA compliant Optima Plus battery powered infrared sensor for automatic "no hands" operation.
- Isolated latching solenoid operator isolates magnetic components from water contact.



FROM THIS...

TO THIS!
IN JUST MINUTES!

#08700

CLOSET 3.5 or 1.6 GPF

This product is shipped with the 1.6 GPF regulator installed. Change regulator to convert to a 3.5 GPF flush.

#08800

URINAL 1.5 or 1.0 GPF

This product is shipped with the 1.0 GPF regulator installed. Change regulator to convert to a 1.5 GPF flush.

#08875

URINAL 0.5 GPF

This product is shipped with only one regulator and is factory set at 0.5 GPF.

#81040

CLOSET 2.4 GPF

#81041

CLOSET 1.28 GPF

#08700Z

FITS ZURN

CLOSET 3.5 or 1.6 GPF

This product is shipped with the 1.6 GPF regulator installed. Change regulator to convert to a 3.5 GPF flush.

#08800Z

FITS ZURN

URINAL 1.5 or 1.0 GPF

This product is shipped with the 1.0 GPF regulator installed. Change regulator to convert to a 1.5 GPF flush.

ALSO AVAILABLE TO FIT ZURN AND DELANY VALVES

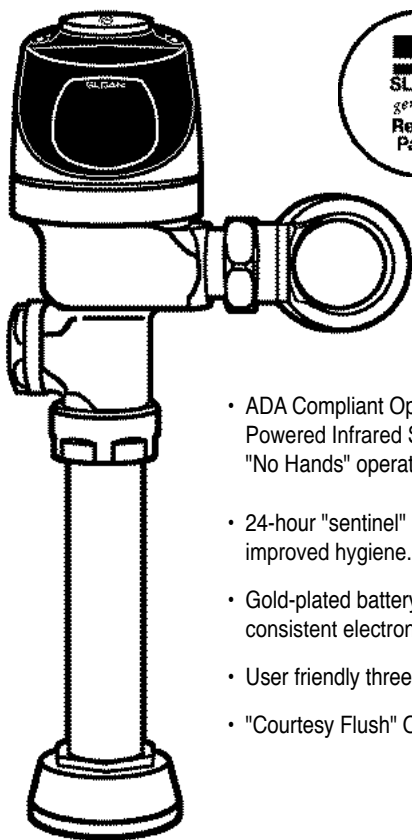


SLOAN G2 OPTIMA PLUS

THE SLOAN G2 OPTIMA PLUS® BATTERY POWERED FLUSHOMETER *The World's Most Advanced Electronic Flushometer*

INTEGRATED DESIGN WITH STUNNINGLY ACCURATE ELECTRONIC PERFORMANCE

G2 Optima Plus defines technology, from its innovative electronic circuitry, to its stylish high-tech appearance. Whether it's high humidity, high activity, or low water quality, the G2 Optima Plus Flushometer has been engineered to perform.



- ADA Compliant Optima Plus Battery Powered Infrared Sensor for automatic "No Hands" operation.
- 24-hour "sentinel" automatic flush for improved hygiene.
- Gold-plated battery contacts for consistent electronic connections.
- User friendly three-second flush delay.
- "Courtesy Flush" Override Button

FUNCTIONAL & HYGIENIC

Touchless, sensor operation eliminates the need for user contact, which helps control the spread of infectious diseases. The G2 Optima Plus Flushometer is provided with an Override Button to allow a "courtesy flush" for individual user comfort.

THE COVER

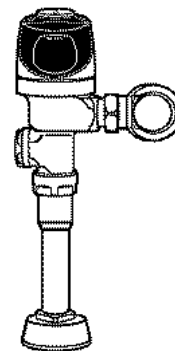
The G2 Optima Plus cover is 360° of solid metal construction, accentuated by an engineered plastic optical face. There is no need to shut off the water supply to change batteries or service the module. G2's cover removes simply by unfastening two screws.

G2'S ISOLATED OPERATOR

What makes G2 Optima Plus® revolutionary is its patented Isolated Operator. The Isolated Operator allows for reliable, consistent operation regardless of water quality. The G2 Isolated Operator can withstand aggressive water applications

THE "TECHNOLOGY" FLUSHOMETER FOR ANY INSTALLATION

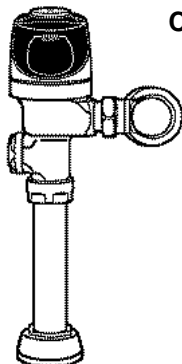
The G2 Optima Plus is shipped dormant, with batteries installed. When it arrives, simply install it and activate. It's that simple.



COMPLETE ROYAL OPTIMA PLUS HANDS FREE FLUSH VALVE

- #08420** URINAL - 3.0 GPF
For 1-1/4" Vacuum Breaker, 1" Stop
- #08422** URINAL - 1.5 GPF
For 1-1/4" Vacuum Breaker, 1" Stop
- #08423** URINAL - 1.0 GPF
For 1-1/4" Vacuum Breaker, 1" Stop

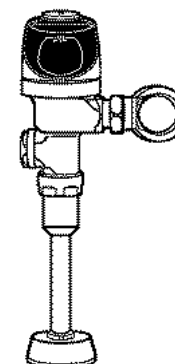
With Metal Cover



COMPLETE ROYAL OPTIMA PLUS HANDS FREE FLUSH VALVE WITH MANUAL OVERRIDE

- #08400** CLOSET - 3.5 GPF
1-1/2" Vacuum Breaker, 1" Stop
- #08402** CLOSET - 1.6 GPF
1-1/2" Vacuum Breaker, 1" Stop
- #81038** CLOSET - 1.28 GPF
1-1/2" Vacuum Breaker, 1" Stop

With Metal Cover



COMPLETE ROYAL OPTIMA PLUS HANDS FREE FLUSH VALVE

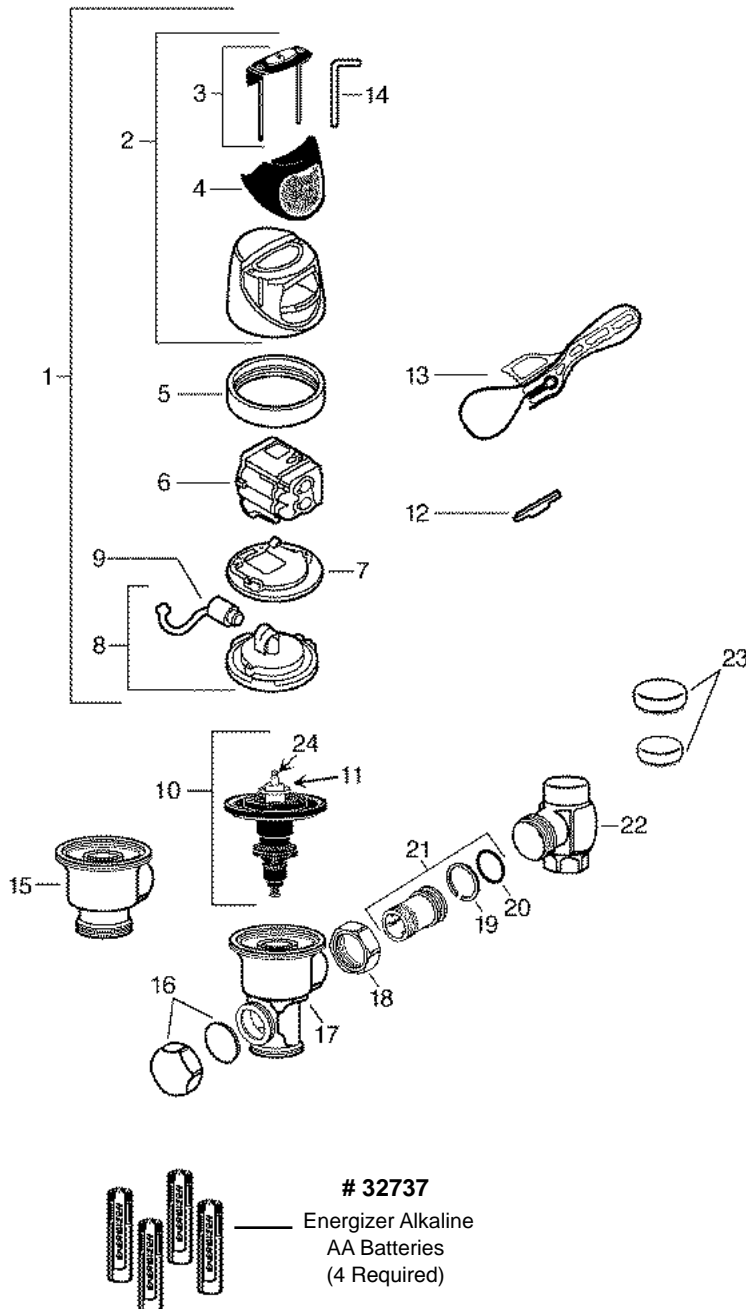
- #08424** URINAL - 1.5 GPF
For 3/4" Vacuum Breaker, 3/4" Stop
- #08404** URINAL - 1.0 GPF
For 3/4" Vacuum Breaker, 3/4" Stop
- #08840** URINAL - 0.5 GPF
For 3/4" Vacuum Breaker, 3/4" Stop
- #81039** URINAL - 0.25 GPF
For 3/4" Vacuum Breaker, 3/4" Stop

With Metal Cover



SLOAN G2 OPTIMA PLUS

NEW STYLE SINCE 2003



1	#08696	G2 Cover/Ring/Sensor Assy - Closet
	#08699	G2 Cover/Ring/Sensor Assy. - Urinal Also Available To Fit Zurn
2	#08701	Cover Assy. w/Override Button
3	#08715	Override Button Assy. (Includes Screws & Hex Wrench)
	#08707	Screws And Hex Wrench
4	#08705	Lens Window Cover
5	#08421	Locking Ring
6	#08697	G2 Electronic Module - Closet
	#08698	G2 Electronic Module - Urinal
7	#08702	Plastic Sub Base
8	#08720	Base W/Solenoid
9	#08721	G2 Solenoid Only
10	#85629	Flex Tube Diaphragm Assy. (Includes 0.25 GPF Vol Regulator)
	#08695	Flex Tube Diaphragm Assy. (Includes 0.5 GPF Vol Regulator)
	#08137	Flex Tube Diaphragm Assy. (Includes 1.0 And 1.5 GPF Vol Regulator)
	#08285	Flex Tube Diaphragm Assy. (Includes 1.6 And 3.5 GPF Vol Regulator)
	#08710	Flex Tube Diaphragm Assy. (Includes 2.4 GPF Vol Regulator)
INCLUDES BATTERIES		
11	#08703	White Volume Regulator
	#08704	Green Volume Regulator
	#08706	Black Volume Regulator
	#08708	Blue Volume Regulator
12	#08711	Range Tool
13	#34727	Strap Wrench
14	#37171	7/64" Hex Wrench
15	#08461	Valve Body Without Handle Opening
16	#08396	Handle Cap - Solid
17	#SP795	Valve Body
18	#08040	Tailpiece Coupling Nut
19	#08038	Locking Ring
20	#08037	"O" Ring
21	#08039	Adj. Tailpiece 2-1/16 (Other Lengths Available)
22	See page 19	Control Stop
23	#08322	1" VP Stop Cap
	#08321	3/4" VP Stop Cap
24	#05121	"O" Ring



TROUBLESHOOTING AND MAINTAINING THE G2 OPTIMA PLUS FLUSHOMETER

1 PROBLEM: *SENSOR FLASHES CONTINUOUSLY ONLY WHEN USER STEPS WITHIN RANGE*

CAUSE: A) Unit in start-up mode.

SOLUTION: A) No problem. This feature is active for the first ten minutes of operation.

2 PROBLEM: *VALVE DOESN'T FLUSH; SENSOR NOT PICKING UP USER*

CAUSE: A) Range too short.

SOLUTION: A) Increase the range.

3 PROBLEM: *VALVE DOESN'T FLUSH; SENSOR PICKING UP OPPOSITE WALL OR SURFACE, OR ONLY FLUSHES WHEN SOME ONE WALKS BY. RED LIGHT FLASHES CONTINUOUSLY FOR FIRST TEN MINUTES EVEN WITH NO ONE IN FRONT OF THE SENSOR*

CAUSE: A) Range too long.

SOLUTION: A) Shorten range.

4 PROBLEM: *VALVE DOES NOT FLUSH EVEN AFTER ADJUSTMENT*

CAUSE: A) Range adjustment potentiometer set at full "max" or full "min" setting.
B) Batteries completely used up.
C) Problem with electronic sensor module.

SOLUTION: A) Readjust potentiometer away from full "max" or "min" setting.
B) Replace batteries.
C) Call I.P.S. to replace Electronic Sensor Module.

5 PROBLEM: *UNIT FLASHES FOUR QUICK TIMES WHEN USER STEPS WITHIN RANGE.*

CAUSE: A) Batteries low.

SOLUTION: A) Replace batteries.

6 PROBLEM: *VALVE DOES NOT SHUT OFF*

CAUSE: A) By-pass orifice in diaphragm is clogged with dirt or debris, or by-pass is clogged by an invisible gelatinous film due to "overtreated" water.
B) Dirt or debris fouling stem or flex tube diaphragm.
C) O-ring on stem or flex tube diaphragm is damaged or worn.
D) Problem with electronic sensor module.

SOLUTION: A) Remove flex tube diaphragm and wash under running water. **NOTE:** Size of orifice in by-pass is of utmost importance for the proper metering of water by the valve. I.P.S. recommends that you *do not enlarge or damage this orifice*. Replace inside parts assembly if cleaning does not correct the problem.
B) Remove inside parts assembly and wash under running water.
C) Replace quad seal if necessary.
D) Turn solenoid counterclockwise very slightly.
E) Replace electronic module.

7 PROBLEM: *NOT ENOUGH WATER TO FIXTURE*

CAUSE: A) Wrong flush volume regulator installed in flex tube diaphragm kit.
B) Wrong Optima Plus model installed; i.e. 1 GPF urinal installed on 3.5 gal. closet fixture.
C) Enlarged bypass in diaphragm.
D) Control stop not adjusted properly.
E) Inadequate volume or pressure at supply.

SOLUTION: A) Install the correct regulator.
B) Replace with proper Optima Plus model.
C) Replace flex tube diaphragm.
D) Readjust control stop.
E) Increase water pressure or supply (flow) to valve.

8 PROBLEM: *TOO MUCH WATER TO FIXTURE*

CAUSE: A) Wrong flush volume regulator installed in flex tube diaphragm kit.
B) Control stop not adjusted properly.
C) Wrong Optima Plus model installed; i.e. 3 GPF model installed on 1.0 or 1.5 gal. urinal fixture.
D) Dirt in diaphragm bypass.

SOLUTION: A) Install the correct regulator.
B) Readjust control stop.
C) Replace with proper Optima Plus model.
D) Clean under running water or replace flex tube diaphragm.

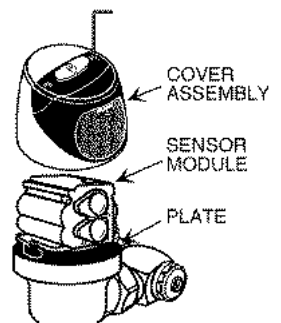
9 PROBLEM: *UNIT WORKS WITH COVER OFF, BUT NOT ON*

CAUSE: A) Broken override button or missing rubber divider.

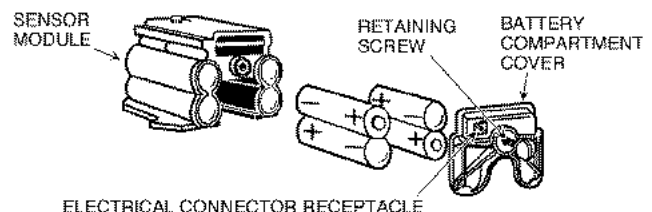
SOLUTION: A) Replace override button or cover.

BATTERY REPLACEMENT

When required, replace batteries with four (4) alkaline type AA batteries. **Note:** water does not have to be turned off to replace batteries. Loosen the two (2) screws on top of unit. Remove the complete cover assembly. Lift the sensor module from its plate. Unplug the electrical connector from battery compartment cover. Loosen the retaining screw on battery compartment cover. Install four (4) alkaline type AA batteries exactly as illustrated below.



Install battery compartment cover and secure with retaining screw. Make certain that battery compartment cover is fully compressed against gasket to provide a seal. Do not overtighten. Plug the electrical connector into the battery compartment cover. Reinstall the sensor module onto the plate. Reinstall the complete cover assembly onto the plate. Tighten the two (2) screws on top of the unit.



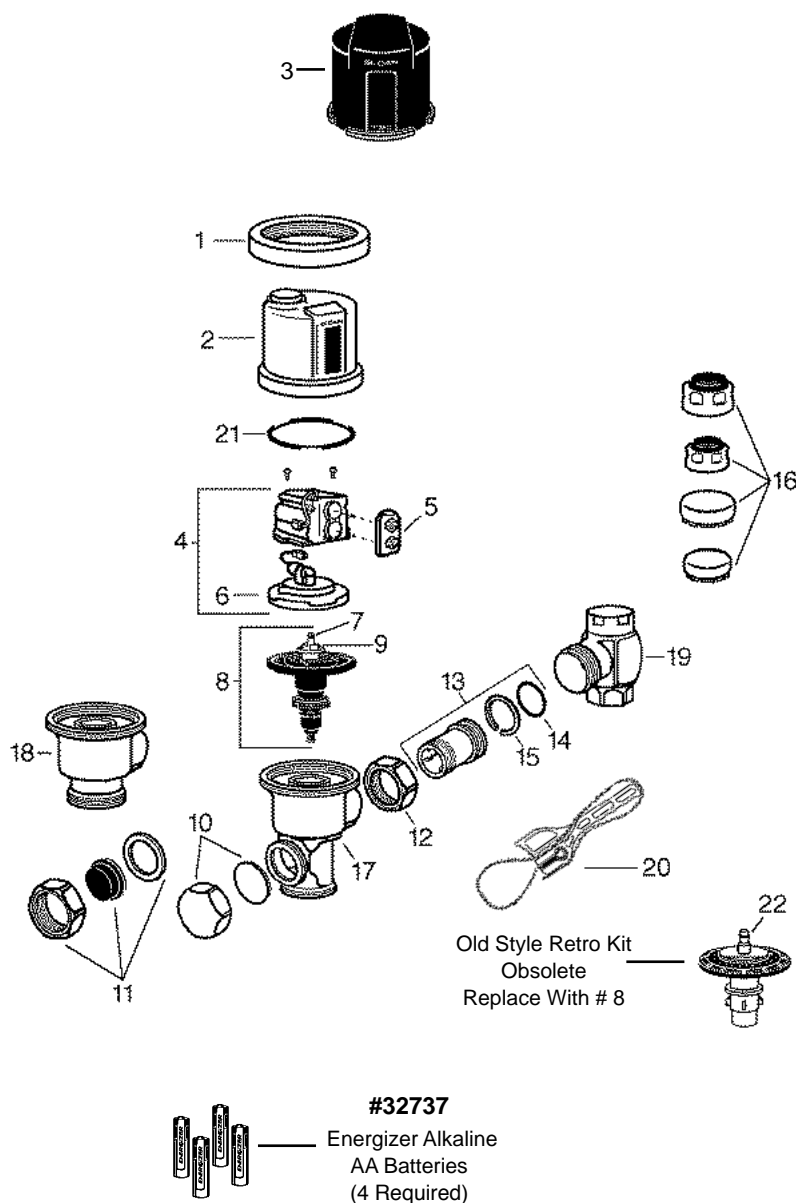
CARE AND CLEANING INSTRUCTIONS

DO NOT use abrasive or chemical cleaners to clean Flushometers, they may dull the luster and attack the chrome or special decorative finishes. Use ONLY soap and water, then wipe dry with clean cloth or towel. While cleaning the bathroom tile, the Flushometer should be protected from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.



SLOAN ROYAL OPTIMA PLUS

WITH DUAL FILTERED BY PASS
MANUFACTURED UP TO MID-YEAR 2003



1	#08421	C.P. Locking Ring
2	#08399	Metal Cover W/ Button and Locking Ring
3	N.L.A. Use #8399 (above)	Plastic Cover
4	#08712 #08709	Electronic Module-Closet w/ Solenoid Base Plate Use With # 8285 Electronic Module-Urinal w/ Solenoid Base Plate Use With # 8137
5	N.L.A.	Beam Deflector
6	#08398	Base W/ Solenoid
7	#05121	"O"-Ring
INSIDE PARTS ASSEMBLY		
8	#08285 #08137	Closet 1.6 And 3.5 GPF Urinal 1.0 And 1.5 GPF
INCLUDES BATTERIES		
9	#08703 #08704 #08706 #08708	White Volume Regulator Green Volume Regulator Black Volume Regulator Blue Volume Regulator
10	#08396	Handle Cap - Solid
11	#08416	Handle Cap - Decorative
12	#08040	Tailpiece Coupling Nut
13	#08039	Adj. Tailpiece 2-1/16" (Other Lengths Available)
14	#08037	"O" Ring
15	#08038	Locking Ring
16	#08419 #08470 #08322 #08321	1" Decorative Stop Cap 3/4" Decorative Stop Cap 1" Vandal Proof Stop Cap 3/4" Vandal Proof Stop Cap
17	#0SP795	Valve Body
18	#08461	Valve Body Without Handle Opening
19	See Page 19	Control Stop
20	#34727	Strap Wrench
21	#08551	Cover Gasket
22	#08365	Quad Ring For Old Style Only



TROUBLESHOOTING AND MAINTAINING THE OPTIMA PLUS FLUSHOMETER

1 PROBLEM: *SENSOR FLASHES CONTINUOUSLY ONLY WHEN USER STEPS WITHIN RANGE*

CAUSE: A) Unit in start-up mode.

SOLUTION: A) No problem. This feature is active for the first ten minutes of operation.

2 PROBLEM: *VALVE DOESN'T FLUSH; SENSOR NOT PICKING UP USER*

CAUSE: A) Range too short.

B) Optima Plus installed on a high rough-in fixture (beam is shooting over user's head.)

SOLUTION: A) Increase the range.

B) Install EBV-46-A beam deflector.

3 PROBLEM: *VALVE DOESN'T FLUSH; SENSOR PICKING UP OPPOSITE WALL OR SURFACE, OR ONLY FLUSHES WHEN SOMEONE WALKS BY. RED LIGHT FLASHES CONTINUOUSLY FOR FIRST TEN MINUTES EVEN WITH NO ONE IN FRONT OF THE SENSOR*

CAUSE: A) Range too long.

B) Sensor is picking up mirror or highly reflective wall or surface in front of fixture.

SOLUTION: A) Shorten range.

B) Install Optima Plus slightly off center (2° to 5°) to eliminate direct reflection off of mirror or opposite wall surface.

4 PROBLEM: *VALVE DOES NOT FLUSH EVEN AFTER ADJUSTMENT*

CAUSE: A) Range adjustment potentiometer set at full "max" or full "min" setting.

B) Batteries completely used up.

C) Problem with electronic control module.

SOLUTION: A) Readjust potentiometer away from full "max" or "min" setting.

B) Replace batteries.

C) Call I.P.S. to replace electronic control module.

5 PROBLEM: *UNIT FLASHES FOUR QUICK TIMES WHEN USER STEPS WITHIN RANGE.*

CAUSE: A) Batteries low.

SOLUTION: A) Replace batteries.

6 PROBLEM: *VALVE DOES NOT SHUT OFF*

CAUSE: A) By-pass orifice in diaphragm is clogged with dirt or debris, or by-pass is clogged by an invisible gelatinous film due to "overtreated" water.

B) Dirt or debris fouling stem or inside parts assy.

C) Quad seal on stem or inside parts assembly damaged or worn.

D) Solenoid valve in electronic module has been overtightened.

E) Problem with electronic module.

SOLUTION: A) Remove inside parts assembly and wash under running water. **NOTE:** size of orifice in by-pass is of utmost importance for the proper metering of water by the valve. I.P.S. recommends that you do not enlarge or damage this orifice. Replace inside parts assembly if cleaning does not correct the problem.

B) Remove inside parts assembly and wash under running water.

C) Replace quad seal if necessary.

D) Turn solenoid counterclockwise very slightly.

E) Replace electronic module.

7 PROBLEM: *NOT ENOUGH WATER TO FIXTURE*

CAUSE: A) Wrong Optima Plus model installed (i.e. 1 GPF urinal installed on 3.5 gal closet fixture)

B) Enlarged by-pass in diaphragm.

C) Control stop not adjusted properly.

D) Inadequate volume or pressure at supply.

SOLUTION: A) Replace with proper Optima Plus model.

B) Replace inside parts assembly.

C) Readjust control stop.

D) Increase water pressure or supply (flow) to valve.

8 PROBLEM: *TOO MUCH WATER TO FIXTURE*

CAUSE: A) Control stop not adjusted properly.

B) Wrong Optima Plus model installed. (i.e., 3 GPF model installed on 1 or 1.5 gal. urinal fixture.)

C) Dirt in diaphragm by-pass.

SOLUTION: A) Readjust control stop.

B) Call I.P.S. and replace with proper Optima Plus model.

C) Clean under running water or replace inside parts.

9 PROBLEM: *MEN'S ROOM CLOSET BOWLS UN-FLUSHED*

CAUSE: A) Closet being used as urinal.

SOLUTION: A) Angle sensor slightly off fixture centerline to detect standing person in front of fixture.

10 PROBLEM: *HIGH VACUUM BREAKER INSTALLATION UNIT NOT FLUSHING. ELEMENTARY SCHOOL URINALS NOT FLUSHING.*

CAUSE: A) EBV-46-A beam deflector not installed.

B) Unusually short users not being detected.

SOLUTION: A&B) Install EBV-46-A beam deflector to divert sensor beams.

TO MAKE A RANGE ADJUSTMENT

Remove and then reinstall battery compartment door to activate 10 minute flashing range indicator feature. The range potentiometer is located at the top of the electronic sensor module beneath a rubber plug. Using the small screwdriver provided, turn the potentiometer a few degrees. Turn clockwise to increase range, turn counterclockwise to decrease range. Place cover over sensor module, position body into typical user range and check range by looking for red flashing light. Red light should only flash when picking up user. Repeat adjustment procedure until desired range is obtained. Reinstall optima plus. Refer to optima plus installation manual for greater detail on range adjustment procedures.

BATTERY REPLACEMENT

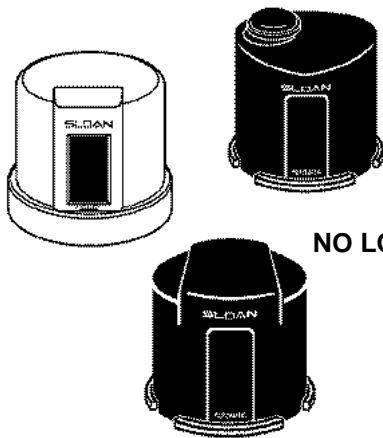
When Optima Plus has approximately 4000 flushes left, the same red light that appears at start-up will flash four times quickly whenever an object is detected. When this occurs, we recommend changing the batteries.

CARE AND CLEANING INSTRUCTIONS

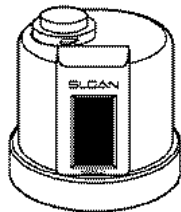
DO NOT use abrasive or chemical cleaners to clean the Optima Plus, they may dull the luster and attack the Plastic Cover and the chrome finish of the flushometer. Use only soap and water, then wipe dry with clean cloth or towel. While cleaning the bathroom tile, the Optima Plus should be protected from any spattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.



SLOAN OPTIMA PLUS PARTS



**NO LONGER AVAILABLE
(USE #08399)**



#08399
Metal Cover with
Override Button
Includes Locking Ring



#08701
G2 Metal Cover with Override



#80782
Ecos Metal Cover



#85586
Solis Cover



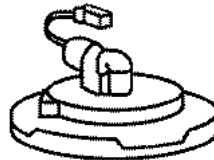
#85587
Solis Dual Flush Cover



#08712
Blue Closet Module
with Solenoid Base



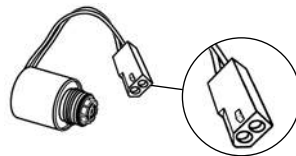
#08709
Blue Urinal Module
with Solenoid Base



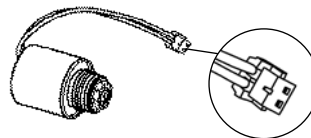
#08720
Optima Plus G2, New Style
Base with Solenoid

#08398
Optima Plus, Old Style,
Base with Solenoid

CAUTION: NOT Interchangeable



#SP5825
Replacement
Solenoid Only
Old Style



#08721
Replacement
Solenoid Only
for New Style G2

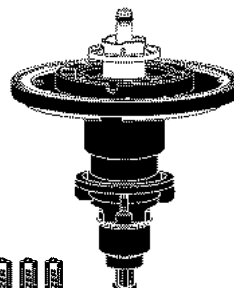


#08421
Chrome Locking Ring for Cover

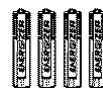


#08406
Locking Ring for Zurn Valves

OPTIMA HANDS FREE RETRO KIT (G2) INCLUDES 4 AA BATTERIES



#85629
For 0.25 GPF Urinals



#08695
For 0.5 GPF Urinals

#08137
For 1.0 and 1.5 GPF Urinals

83565
For 1.28 Closets

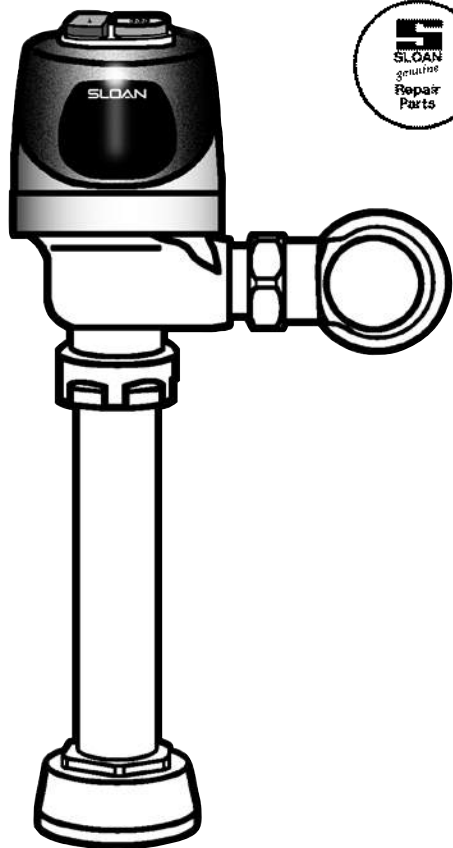
#08285
For 1.6 and 3.5 GPF Closets

#08710
2.4 GPF





The World's First True Dual-Flush Electronic Flushometer



08922

SLOAN ECOS DUAL-FLUSH CLOSET FLUSHOMETER

The new Sloan ECOS™ Dual-Flush Flushometer is the first electronic valve of its kind. Offering the user the choice between reduced flush (for liquids) or full flush (for solids), the Sloan ECOS Flushometer generates ground-breaking efficiencies through innovation.

AUTOMATIC DUAL-FLUSH OPERATION

The Sloan Ecos™ incorporates a multi-lobular infrared sensor into the flushometer. By detecting the duration of the user's presence, the Sloan Ecos™ Smart Sense Technology will determine the proper flush volume, (1.1 GPF for liquids, 1.6 GPF for solids,) for unequalled water efficiency.

FUNCTIONAL & HYGIENIC

Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The Sloan Ecos™ is provided with Reduced or Full Flush Override Buttons to allow a "courtesy flush" for individual user comfort.

**Full Flush (Solids) 1.6 GPF
Reduced Flush (Liquids) 1.1 GPF**

- *Intuitive dual-flush operation*
- *Ground-breaking water efficiency*
- *Advanced Sloan sensor technology*



**#08923
SLOAN ECOS RETRO KIT
FOR EXPOSED
CLOSET FLUSHOMETERS
#08923Z - FITS ZURN**



**#81042
G2 TO ECOS DUAL-FLUSH
CONVERSION KIT**

Converts 1.6 GPF G2 Closet to
1.6/1.1 GPF Dual Flush Unit



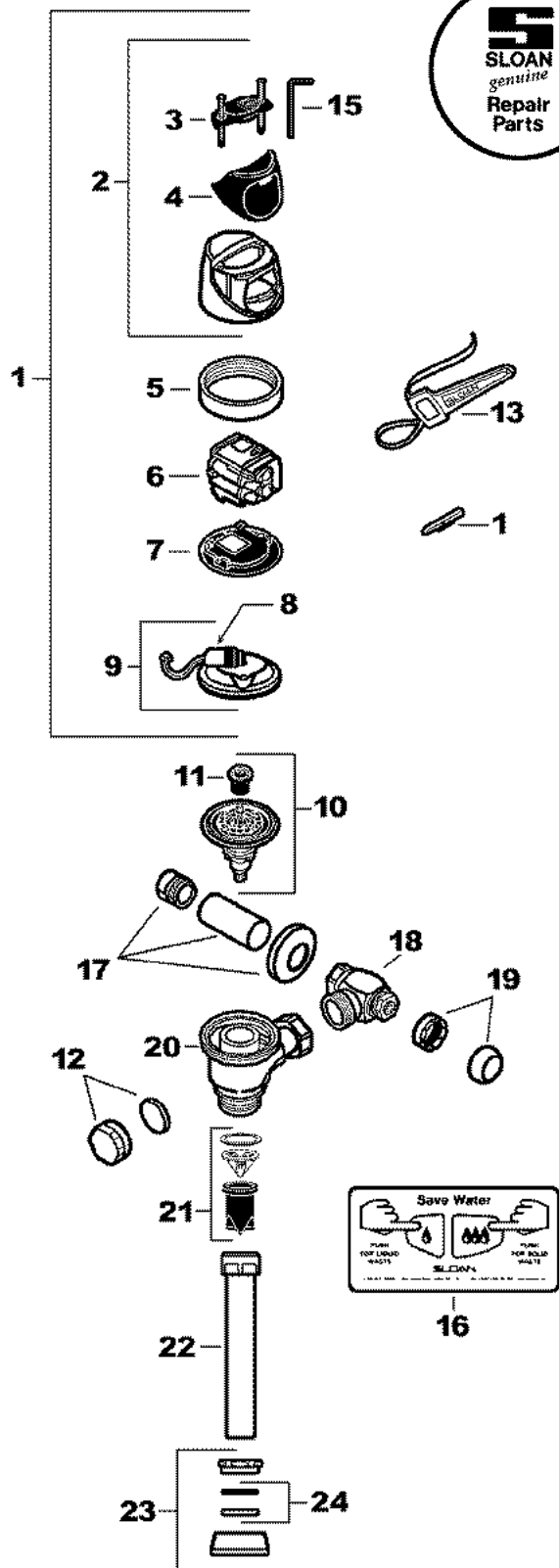
**#80786
SLOAN ECOS MODULE**



SLOAN ECOS DUAL FLUSH



SLOAN
ECOS™



ITEMS INCLUDED WITH RESS RETROFIT & COMPLETE SLOAN ECOS™ ELECTRONIC DUAL FLUSH VALVES

1	#80780	Cover/Ring/Sensor Assy
	#80781	Cover/Ring/Sensor Assy - W/Zurn Ring
2	#80782	Cover Assy.
3	#80783	Button Cover Assembly With Screws
	#80707	Screws and Hex Wrench Only
4	#80705	Lens Window Cover
5	#80421	Locking Ring
	#80785	Locking Ring For Zurn Valves
6	#80786	Electronic Module
7	#80787	Cover Rest Plate
8	#80721	Solenoid
9	#80720	Base W/Solenoid
10	#80285	1.6 Gpf Closet Flex Tube Diaphragm Assy.
11	#80704	Flush Volume Regulator
12	#80396	Handle Cap (RESS Retrofit Models Only)
13	#34727	Strap Wrench
14	#80711	Range Adjustment Tool
15	#37171	7/64" Hex Wrench
16	#80789	English Operation Instruction Plate
	#80790	Spanish Operation Instruction Plate

ITEMS INCLUDED WITH COMPLETE SLOAN ECOS™ ELECTRONIC DUAL FLUSH VALVES

17	#80791	1" Sweat Solder Kit
18	#80464	1" Bak-Chek® Control Stop
19	#80322	Vandal Resistant Stop Cap
20	#80792	Valve Body - Less Hole
21	#80012	V551A Vacuum Breaker Repair Kit
22	#80795	1-1/2" X 13-1/2" Vacuum Breaker
	#80797	1-1/2" X 24-1/2" Vacuum Breaker

**For Other Sizes, Call For Assistance
877-477-2930**

23	#80017	1-1/2" Spud Coupling Assembly
24	#80020	1-1/2" Gasket Kit



TROUBLESHOOTING AND MAINTAINING THE SLOAN ECOS DUAL FLUSH

1 PROBLEM: *SENSOR FLASHES CONTINUOUSLY WHEN USER STEPS WITHIN RANGE*

CAUSE: A) Unit in start-up mode

SOLUTION: A) No problem. This feature is active for the first ten minutes of operation.

2 PROBLEM: *VALVE DOESN'T FLUSH; SENSOR NOT PICKING UP USER*

CAUSE: A) Range too short.

SOLUTION: A) Increase the range.

3 PROBLEM: *VALVE DOESN'T FLUSH; SENSOR PICKING UP OPPOSITE WALL OR SURFACE OR ONLY FLUSHES WHEN SOMEONE WALKS BY. RED LIGHT FLASHES CONTINUOUSLY OR FIRST TEN MINUTES EVEN WITH NO ONE IN FRONT OF THE SENSOR.*

CAUSE: A) Range too long.

SOLUTION: A) Shorten range.

4 PROBLEM: *VALVE DOES NOT FLUSH EVEN AFTER ADJUSTMENT*

CAUSE: A) Range adjustment potentiometer set at full "max" or full "min" setting.

B) Batteries completely used up.

C) Problem with electronic sensor module.

SOLUTION: A) Re-adjust potentiometer away from full "max" or "min" setting.

B) Replace batteries.

C) Call I.P.S. to replace electronic sensor module.

5 PROBLEM: *UNIT FLASHES FOUR QUICK TIMES WHEN USER STEPS WITHIN RANGE*

CAUSE: A) Batteries low.

SOLUTION: A) Replace batteries.

6 PROBLEM: *VALVE DOES NOT SHUT OFF.*

CAUSE: A) By-pass orifice in diaphragm is clogged with dirt or debris, or by-pass is clogged by an invisible gelatinous film due to "overtreated" water.

B) Dirt or debris fouling stem or flex tube diaphragm.

C) O-ring on stem of flex tube diaphragm is damaged or worn.

D) Problem with electronic sensor module.

SOLUTION: A) Remove flex tube diaphragm and wash under running water. **NOTE:** size of orifice in by-pass is of utmost importance for the proper metering of water by the valve. I.P.S. recommends that you do not enlarge or damage this orifice. Replace flex tube diaphragm if cleaning does not correct the problem.

B) Remove flex tube diaphragm and wash under running water.

C) Replace o-ring if necessary.

D) Electronic sensor module.

7 PROBLEM: *NOT ENOUGH WATER TO FIXTURE*

CAUSE: A) Wrong flush volume regulator installed in flex tube diaphragm kit.

B) Wrong sloan ECOS™ model installed; i.e. 1.6 GPF model installed on 3.5 GPF.

C) Enlarged bypass in diaphragm.

D) Control stop not adjusted properly.

E) Inadequate volume or pressure at supply.

SOLUTION: A) Install the correct regulator.

B) Replace with proper ECOS™ model.

C) Replace flex tube diaphragm.

D) Readjust control stop.

E) Increase water pressure or supply (flow) to valve. Call I.P.S. for assistance.

8 PROBLEM: *TOO MUCH WATER TO FIXTURE*

CAUSE: A) Wrong flush volume regulator installed in flex tube diaphragm kit.

B) Control stop not adjusted properly.

C) Wrong ecos™ model installed; i.e. 3.5 GPF model installed on 1.6 GPF fixture.

D) Dirt in diaphragm bypass.

SOLUTION: A) Install the correct regulator.

B) Readjust control stop.

C) Replace with proper ECOS™ model.

D) Clean under running water or replace flex tube diaphragm.

BATTERY REPLACEMENT

When required, replace batteries with four (4) alkaline type AA batteries. Note: water does not have to be turned off to replace batteries. Loosen the two (2) screws on top of unit. Remove the complete cover assembly. Lift the sensor module from its plate. Unplug the electrical connector from battery compartment cover. Loosen the retaining screw on battery compartment cover, and remove battery compartment cover. Install four (4) alkaline type aa batteries exactly as illustrated below.

Install battery compartment cover and secure with retaining screw. Make certain that battery compartment cover is fully compressed against gasket to provide a seal. Do not overtighten. Plug the electrical connector into the battery compartment cover. Reinstall the sensor module onto the plate. Reinstall the complete cover assembly onto the plate. Tighten the two (2) screws on top of the unit.

CARE & CLEANING INSTRUCTIONS

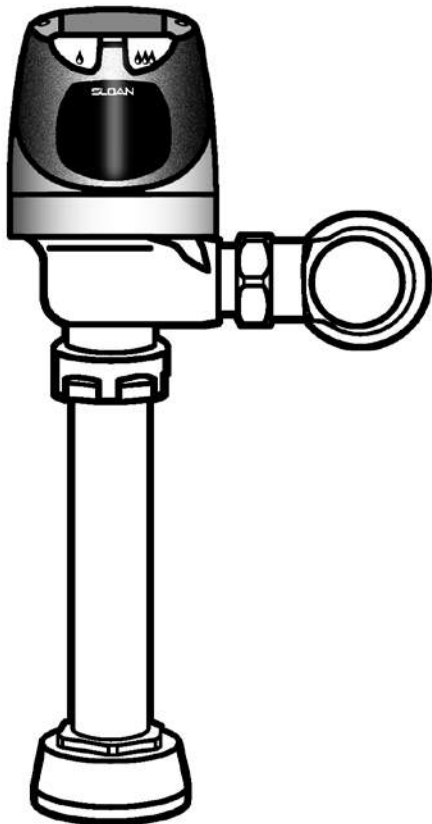
Do not use abrasive or chemical cleaners to clean flushometers, they may dull the luster and attack the chrome or special decorative finishes. Use only soap and water, then wipe dry with clean cloth or towel. While cleaning the bathroom tile, the flushometer should be protected from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.



SLOAN SOLIS

SLOAN SOLIS® FLUSHOMETERS

The Industry's First Solar-Powered, Sensor Operated Flushometer!



Sloan SOLIS® Flushometers for water closets and urinals provide ground-breaking water efficiency and utilize state-of-the-art photovoltaic technology.

Sloan SOLIS® Flushometers use light to charge a highly efficient capacitor, providing power even in rooms with occupancy-controlled lighting.

Toilets account for most of the water used in commercial restrooms. The new SOLIS® High-Efficiency Flushometers are available in single-flush and dual-flush models.

If the user does not press a button, the Flushometer's Dual-Flush Smart Sense Technology™ takes over and automatically initiates a flush cycle, based on how long the user remains in the sensor range. Users who stay within the sensor range less than a minute activate the reduced flush; users who stay longer activate the full flush.

#80964
SLOAN SOLIS
0.5 GPF
URINAL FLUSHOMETER
3/4 TOP SPUD

#83454
SLOAN SOLIS
1.0 GPF
URINAL FLUSHOMETER
3/4 TOP SPUD

#84998
SLOAN SOLIS
DUAL FLUSH 1.6 - 1.1 GPF
CLOSET FLUSHOMETER
1-1/2 TOP SPUD

SOLIS RETRO KITS



#82857 1.28 GPF - Closet
#83077 1.6 GPF - Closet
#83079 3.5 GPF - Closet
#83081 0.25 GPF - Urinal
#83082 0.50 GPF - Urinal
#83083 1.0 or 1.5 GPF - Urinal

SOLIS DUAL-FLUSH RETRO KIT



#83078
1.6/1.1 GPF
#83089
Fits Zurn
1.6/1.1 GPF

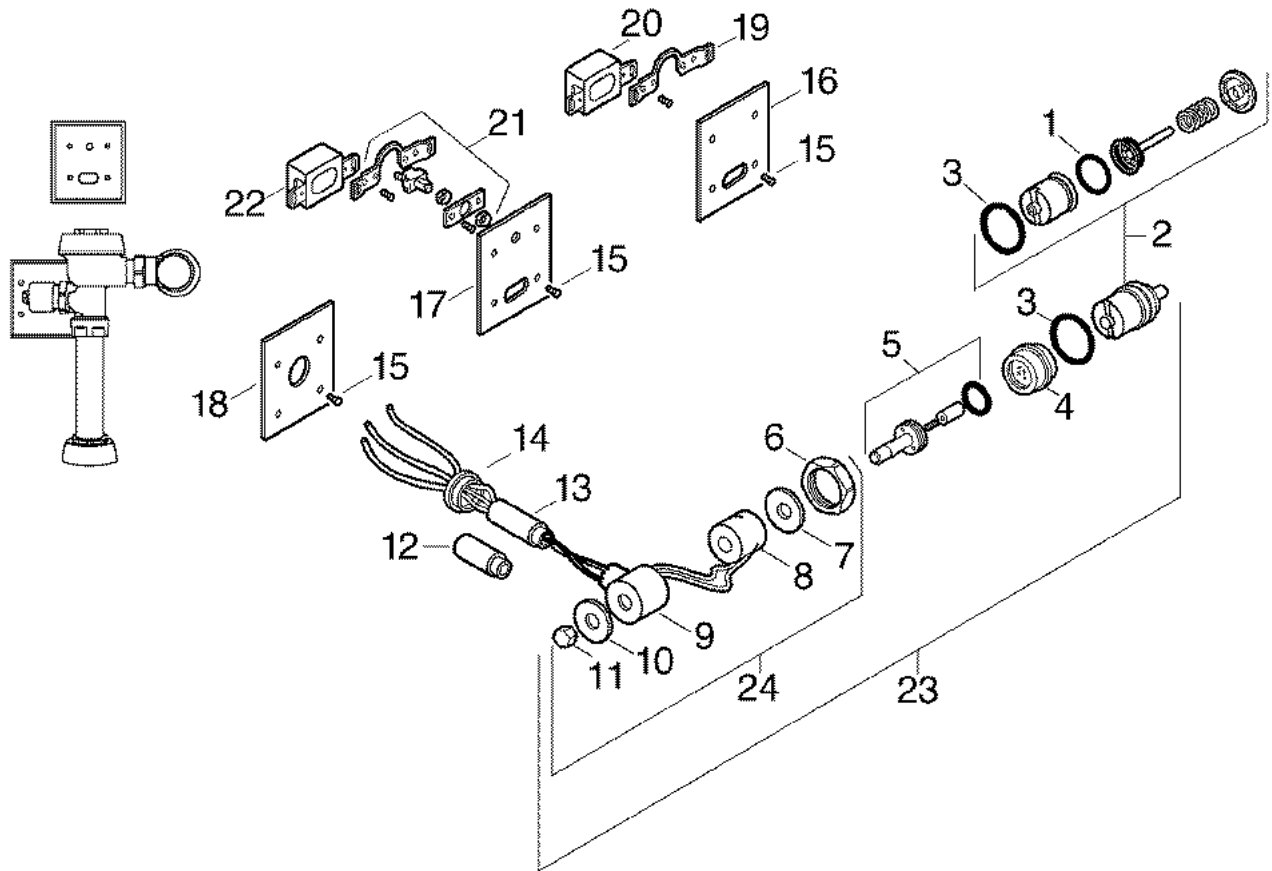
G2 TO SOLIS CONVERSION KITS



#81860
G2 To Solis
For Closet
#81862
G2 To Solis
For Urinal
#81861
G2 To Solis Dual Flush
Converts 1.6 GPF G2 Closet
to 1.6/1.1 Solar Unit



SLOAN OPTIMA FLUSH VALVE PARTS BREAKDOWN



1	#05160	O-Ring
2	#SP167	Actuator Cartridge Assy. Repair Kit
3	#50045E	O-Ring
4	#56122	CP Adapter for Solenoid
5	#08552	Solenoid Shaft Assy.
6	#08040	CP Handle Coupling
7	See #24	Solenoid Flux Plate
8	#08586	24 VAC Coil
9	See #24	CP Solenoid Housing
10	See #24	Face Plate for 24 VAC Solenoid
11	#08714	CP Nut for Solenoid
12	Call for assistance	CP Extension Nipple Adapter
13	Call for assistance	CP Nipple Assembly
14	Call for assistance	CP Flange Assy. (exposed installation)

15	#08484	CP Screw
16	#08411	CP Cover Plate for Sensor & Solenoid Operator (Urinal only)
17	#08410	CP Cover Plate for Sensor with Override Switch (Closet only)
18	#08761	CP Cover Plate for Solenoid Operator (Closet only)
19	#08481	Yoke Assy. (Urinal only)
20	#08276	Urinal Sensor Replacement Kit.
21	#08482	Override Switch & Yoke Assy. (Closet only)
22	#08450	Closet Sensor Replacement Kit
23	#08275	Complete Solenoid Valve 24V
24	#08735	Exposed Solenoid Valve 24V



SLOAN® True Mechanical Override Flushometer

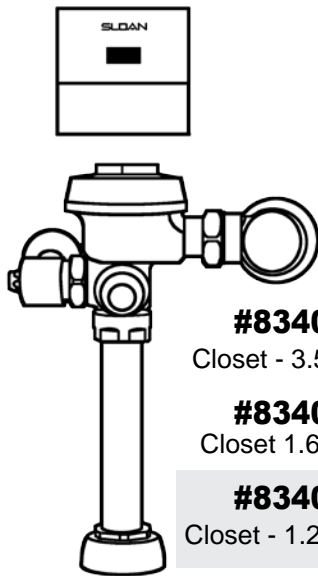
The first Non-Hold Open Override Flushometer in the Plumbing Industry!

Optima exposed Flushometers offer the ultimate in flushing technology with the Optima EL-1500 infrared sensor, which adapts to its surroundings. Once the user enters the sensor's effective range and then steps away, the Flushometer solenoid automatically initiates the flush cycle.



- *Courtesy Flush Non-Hold-Open Override operates without power*
- *Improve rest room hygiene*
- *Permex synthetic rubber for long life*
- *RH or LH rough in*
- *ADA compliant*
- *Self adaptive infrared sensor with indicator light*
- *"Walk by" delay of eight seconds prevents unintentional flushes*
- *User friendly three second flush delay.*
- *Free spinning vandal resistant stop cap*
- *Die Cast Sensor Cover Plate with no visible fasteners and wall flange for 2-gang electrical box.*

CLOSET



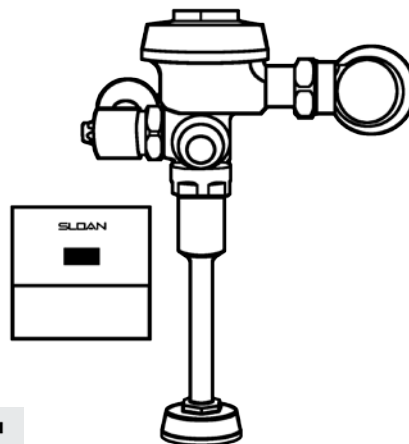
#83400
Closet - 3.5 GPF

#83401
Closet 1.6 GPF

#83402
Closet - 1.28 GPF



URINAL



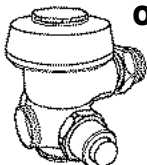
#85440
Urinal - 1.5 GPF
3/4" Top Spud,
3/4" IPS Control Stop

#85441
Urinal 1.0 GPF
3/4" Top Spud,
3/4" IPS Control Stop

#83403
Urinal - 1.5 GPF
1-1/4" Top Spud,
1" IPS Control Stop

#83404
Urinal 1.0 GPF
1-1/4" Top Spud,
1" IPS Control Stop

SLOAN. TRUE MECHANICAL OVERRIDE RETROFIT BODY



#83411

*Must order drop-in kit separately.
See page 13.*



#85536
Urinal - 0.125 GPF

#85538
Urinal - 0.25 GPF

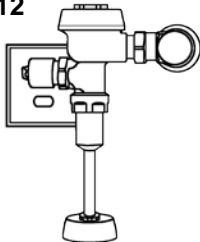
#85539
Urinal - 0.5 GPF



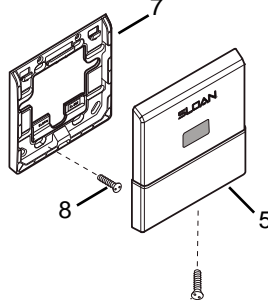
SLOAN OPTIMA

URINAL COVER AND MOUNTING PLATE PARTS BREAKDOWN FOR ROYAL FLUSHOMETER

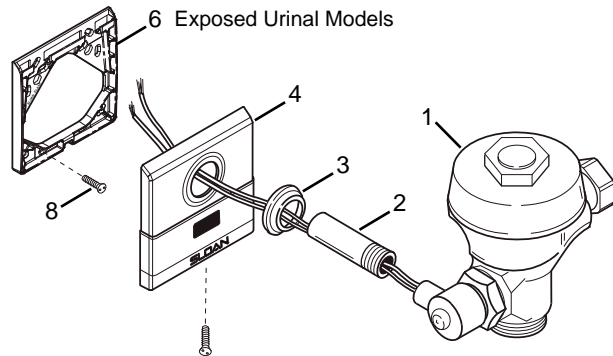
NEW
STYLE
2012



Concealed Urinal Models
and TMO Models



6 Exposed Urinal Models

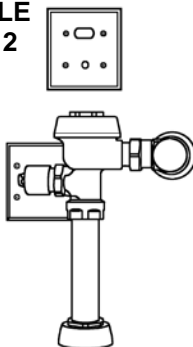


1	#82261	Solenoid Operated Valve Assembly
2	#82809	Tailpiece Assembly
3	#80295	Flange Assembly
4	#83662	CP Cover with Sensor and Mounting Hardware Assembled (Exposed Models) (includes EL-549 mounting plate)
5	#83663	CP Cover Plate with Sensor Assembled (Concealed Models)

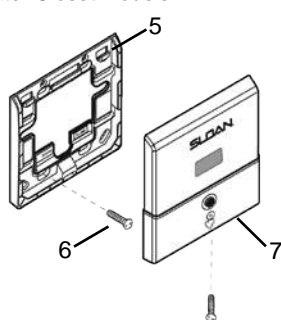
6	Mounting Plate (Exposed Models) Only available in kit #83662
7	Mounting Plate Only available in kit #83663
8	Screws (requires four (4) screws per mounting plate) Only available in kit #83663
	Urinal Sensor Repairable - Call For Assistance

CLOSET COVER AND MOUNTING PLATE PARTS BREAKDOWN FOR ROYAL FLUSHOMETER

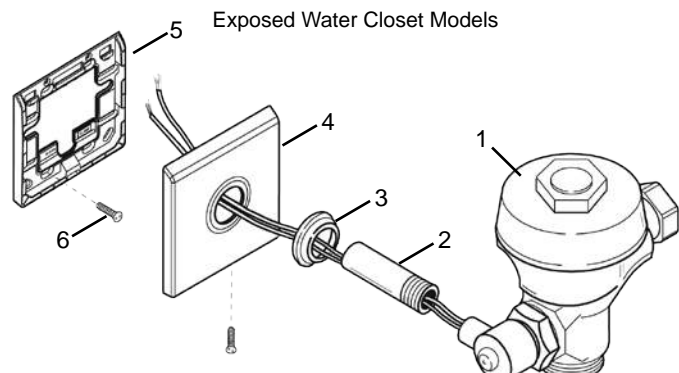
NEW
STYLE
2012



Concealed and Exposed
Water Closet Models



Exposed Water Closet Models



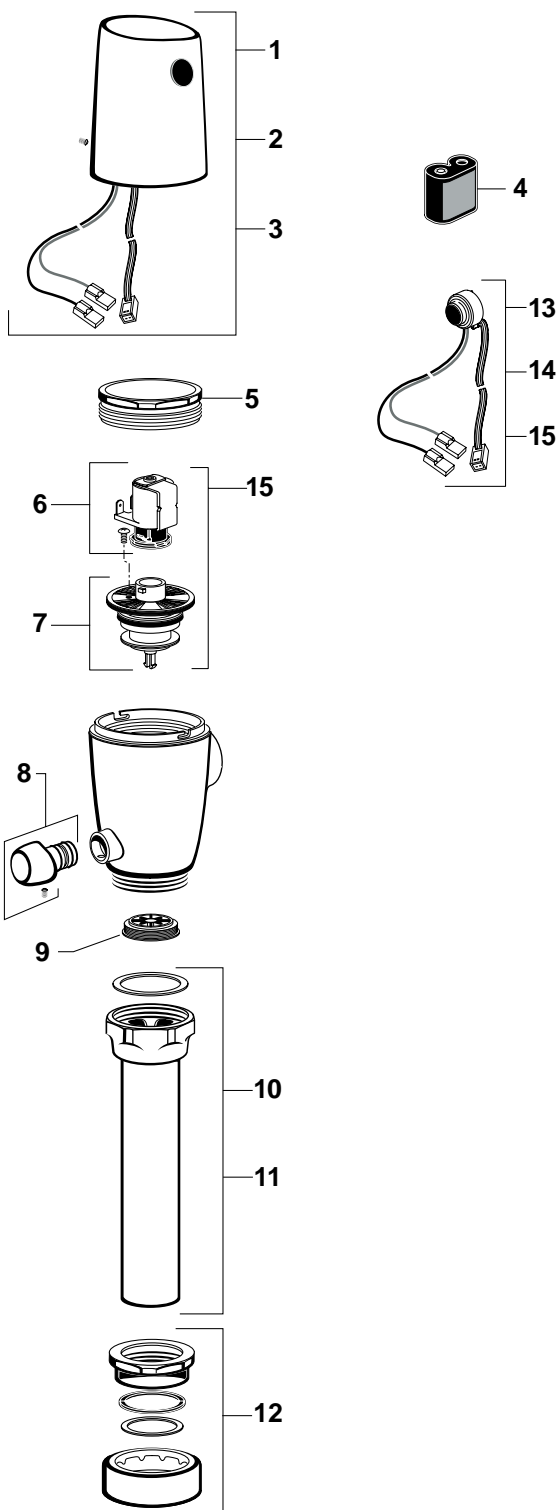
1	#82261	Solenoid Operated Valve Assembly
2	#82809	Tailpiece Assembly
3	#80295	Flange Assembly
4	#83877	CP Cover with Sensor and Mounting Hardware Assembled (Closet only) (includes EL-543 mounting plate)
5	Mounting Plate	Only available in kit #83877 and #83452. See #4 and #7.

6	Screws (requires four (4) screws per mounting bracket) Only available in kit #83452. See #7.
7	#83452 CP Cover Plate with Sensor and Override Switch Assembled (Concealed Models) Only (includes EL-543 mounting plate)
	Closet Sensor Repairable - Call For Assistance



American Standard

SELECTRONIC™ PROXIMITY CLOSET FLUSH VALVE 1.1, 1.6 & 1.28 GPF PARTS BREAKDOWN

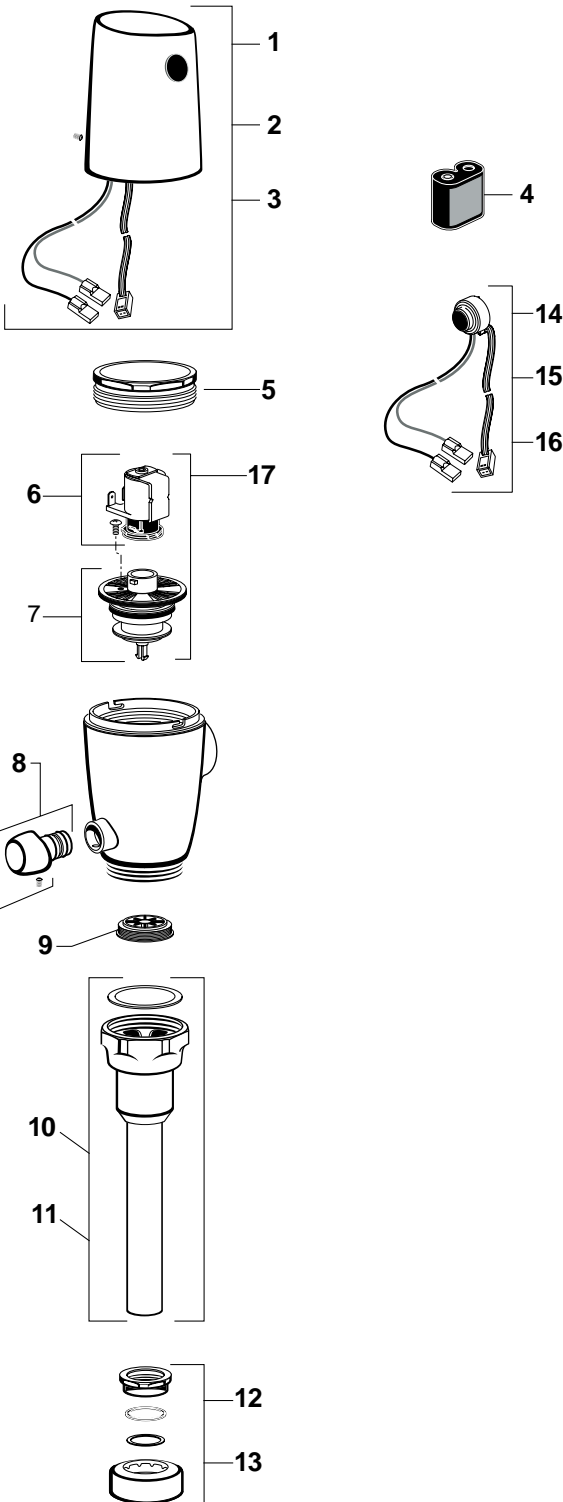


1	#84932	Cover Assembly for Flush Valve with 1.1 GPF (Battery Included)
2	#84933	Cover Assembly for Flush Valve with 1.6 GPF (Battery Included)
3	#84934	Cover Assembly for Flush Valve with 1.28 GPF (Battery Included)
4	#84917	Battery 6VCR-P2
5	#84918	Bonnet Nut
6	#84920	Solenoid Assembly
7	#84935	Piston Assembly
8	#84922	Manual Override Button
9	#84923	Flow Regulator
10	#84936	Vacuum Breaker Assembly 11-1/2" (220mm) Rough-In
11	#84937	Vacuum Breaker Assembly 27" (610mm) Rough-In
12	#84938	Escutcheon Kit
13	#84939	Sensor Assembly w/Mtg. Kit for Flush Valve with 1.6 GPF
14	#84940	Sensor Assembly w/Mtg. Kit for Flush Valve with 1.28 GPF
15	#84941	Sensor Assembly w/Mtg. Kit for Flush Valve with 1.1 GPF
15	#84942	Solenoid & Piston Subassembly



American Standard

SELECTRONIC™ PROXIMITY URINAL FLUSH VALVE 0.5, 1.0 and 1.25 GPF PARTS BREAKDOWN



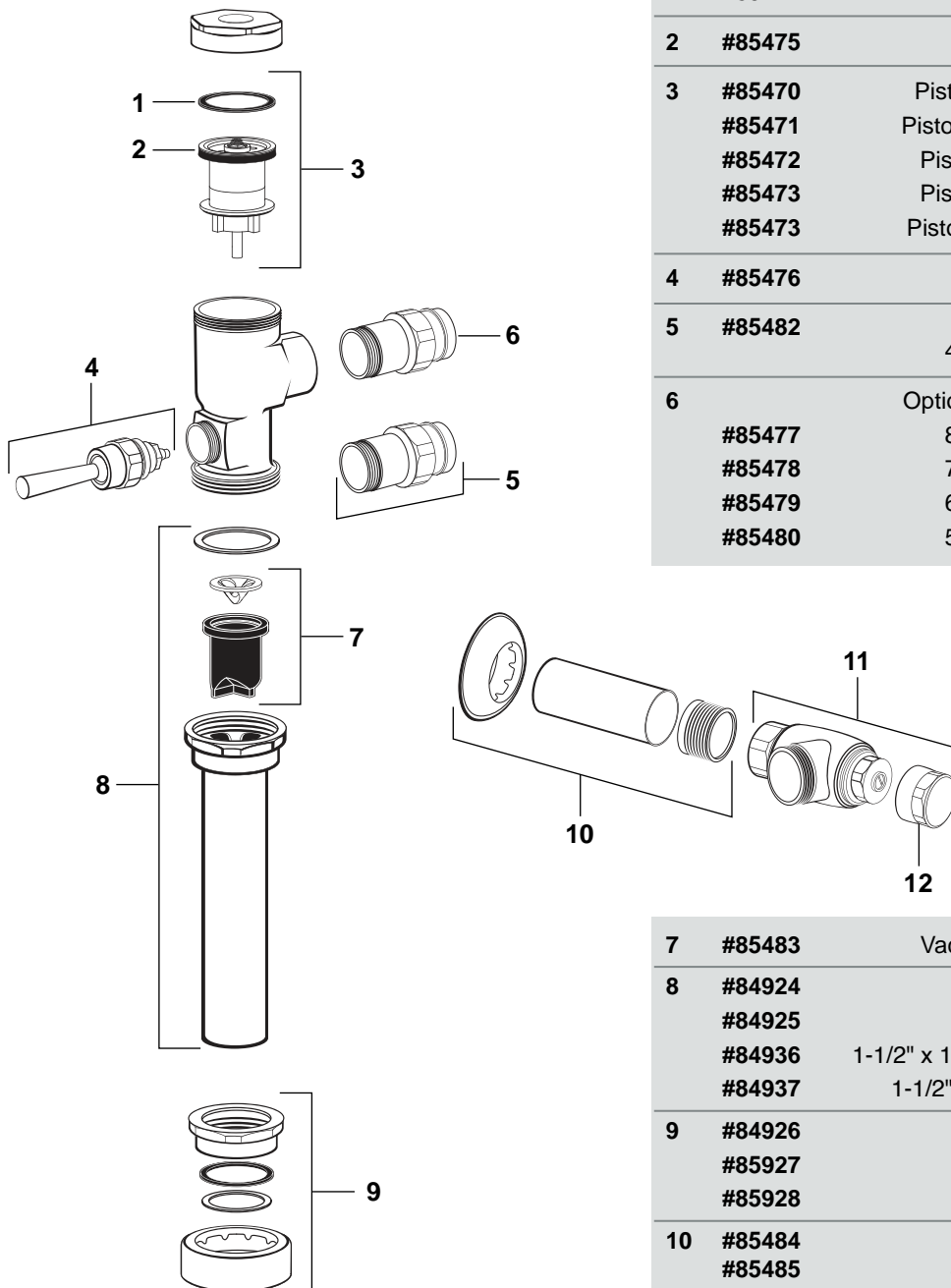
1	#84914	Cover Assembly for Flush Valve with 1.25 GPF (Battery Included)
2	#84915	Cover Assembly for Flush Valve with 0.5 GPF (Battery Included)
3	#84916	Cover Assembly for Flush Valve with 1.0 GPF (Battery Included)
4	#84917	Battery 6VCR-P2
5	#84918	Bonnet Nut
6	#84920	Solenoid Assembly
7	#84921	Piston Assembly (0.5, 1.0, .125)
8	#84922	Manual Override Button
9	#84923	Flow Regulator
10	#84924	3/4" Vacuum Breaker Assembly
11	#84925	1-1/4" Vacuum Breaker Assembly (for 6062.601)
12	#84926	3/4" Spud Assembly
13	#84927	1-1/4" Spud Assembly
14	#84928	Sensor Assembly w/Mtg. Kit for Flush Valve with 0.5 GPF
15	#84929	Sensor Assembly w/Mtg. Kit for Flush Valve with 1.0 GPF
16	#84930	Sensor Assembly w/Mtg. Kit for Flush Valve with .125 GPF
17	#84931	Solenoid & Piston Subassembly



FLUSH VALVE

American Standard

MANUAL FLUSH VALVE EXPOSED FLUSHOMETER FOR TOP SPUD CLOSETS & URINALS



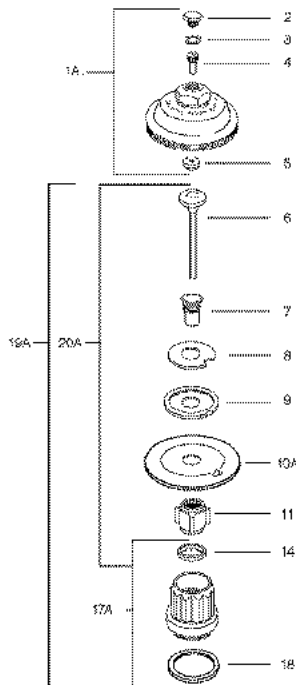
1	#85474	Cap Seal
2	#85475	Cup Seal
3	#85470	Piston Assy 1.6 GPF Closet
	#85471	Piston Assy 1.28 GPF Closet
	#85472	Piston Assy 0.5 GPF Urinal
	#85473	Piston Assy 1.0 GPF Urinal
	#85473	Piston Assy .125 GPF Urinal
4	#85476	Handle Assembly
5	#85482	Adjustable Tailpiece 4-1/4" to 5-1/4" Rough-in
6		Optional Adjustable Tailpiece
	#85477	8-1/4" to 9-1/4" Rough-in
	#85478	7-1/4" to 8-1/4" Rough-in
	#85479	6-1/4" to 7-1/4" Rough-in
	#85480	5-1/4" to 6-1/4" Rough-in

7	#85483	Vacuum Breaker Repair Kit
8	#84924	3/4" V/B Tube - Urinal
	#84925	1-1/4" V/B Tube - Urinal
	#84936	1-1/2" x 11-1/2" V/B Tube - Closet
	#84937	1-1/2" x 27" V/B Tube - Closet
9	#84926	3/4" Spud Assembly
	#85927	1-1/4" Spud Assembly
	#85928	1-1/2" Spud Assembly
10	#85484	1" Inlet Pipe Assembly
	#85485	3/4" Inlet Pipe Assembly
11	#85486	3/4" Supply Stop - Urinal
	#85487	1" Supply Stop - Closet
12	#85488	3/4" & 1" Cap

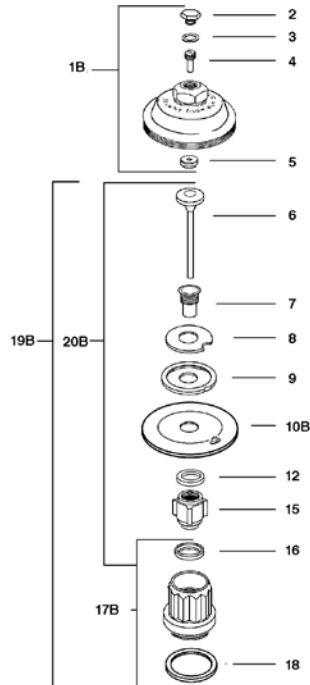


DELANY FLUSHBOY

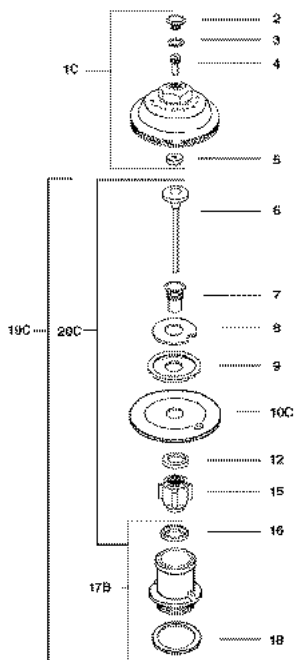
4.5 GPF W/ 1" SUPPLY



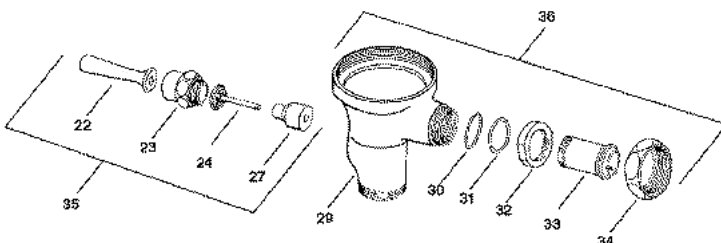
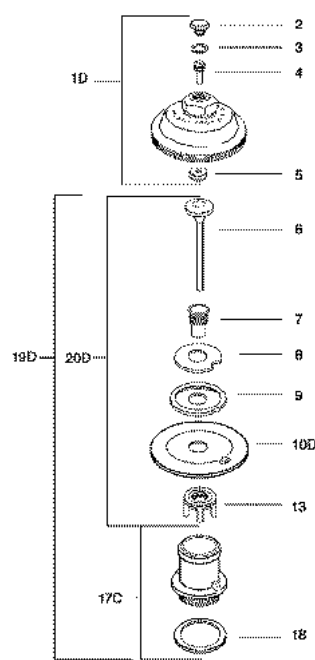
3.5 GPF W/ 1" SUPPLY



1.6 GPF W/ 1" SUPPLY



1.0 GPF W/ 3/4" SUPPLY



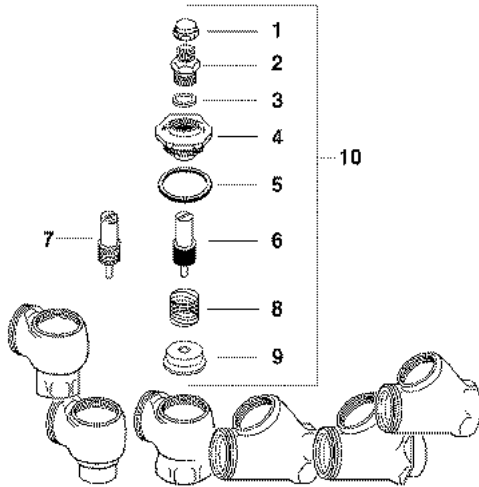
1A	#08175	Cover Assembly
1B	#08892	Cover Assembly
1C	#08894	Cover Assembly
1D	#08896	Cover Assembly
2	#08150	Cover Screw
3	#08151	Washer For Cover Screw (Omitted In Later Production)
4	#08152	Regulation Screw
5	#08154	Packing For Cover
6	#08155	Auxiliary Valve Seat
7	#08156	Diaphragm Bushing
8	#08157	Auxiliary Valve Seat
9	#08158	Auxiliary Valve Seat Holder
10A	#08177	Closet Diaphragm w/ Auxiliary Valve Seat 4.5 GPF
10B	#08895	Closet Diaphragm w/ Auxiliary Valve Seat 3.5 GPF
10C	#08897	Closet Diaphragm w/ Auxiliary Valve Seat 1.6 GPF
10D	#08178	Urinal Diaphragm w/ Auxiliary Valve Seat 1.5 GPF
11	#08160	Seat Guide
12	#08160	Refill Ring
13	#08181	Seat Guide
14	#08161	Choke Ring 4.5 Gpf Valve
15	#08160	Seat Guide
16	#08168	Choke Ring For Main Valve Seat
17A	#08176	Main Valve Seat
17B	#08180	Main Valve Seat
17C	#08893	Main Valve Seat
18	#08162	Main Valve Seat Washer
19A	#08472	Diaphragm Operating Assy 4.5 GPF
19B	#08344	Diaphragm Operating Assy 3.5 GPF
19C	#08743	Diaphragm Operating Assy 1.6 GPF
19D	#08713	Diaphragm Operating Assy 1.0 GPF
20A	#08656	Diaphragm Operating Assembly (Less Seat) 4.5 GPF
20B	#08848	Diaphragm Operating Assembly (Less Seat) 3.5 GPF
20C	#08690	Diaphragm Operating Assembly (Less Seat) 1.6 GPF
20D	#08847	Diaphragm Operating Assembly (Less Seat) 1.0 GPF
21	#08600	Auxiliary Valve (For Non Hold Open)
22	#08163	Handle
23	#08164	Handle Nut
24	#08165	Operating Stem (For Non Hold Open, Use W/ Item 21)
27	#08166	Flexer
29	#08167	Kwikfit Valve Body
30	#08168	O-ring
31	#08169	Clamping Ring
32	#08170	Clamping Nut
33	#08171	Kwikfit Union Tailpiece
34	#08172	Union Nut
35	#08173	Handle Assembly
36	#08174	Kwikfit Valve Body Assembly

DELANY VACUUM BREAKERS

#08246	Repair Kit
#08227	1-1/2" x 9"
#08228	1-1/4" x 9"
#08229	3/4" x 9"

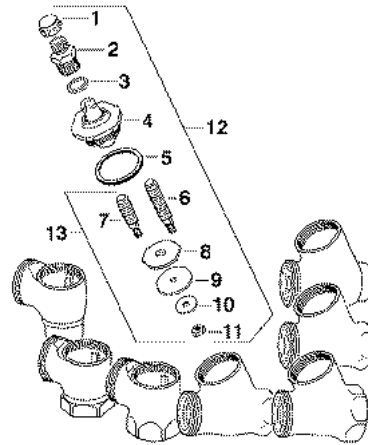


TURN TO SILENCE ANGLE OR STRAIGHT STOPS - 3/4", 1"



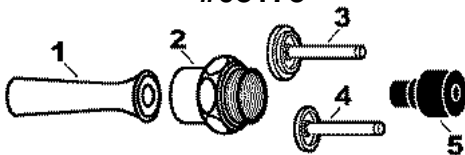
1 #08133	Protecting Cap	6 #08186	Shut Off Stem
2 #08192	Packing Nut	7 #08187	Shut Off Stem for Wheel Handle Stops
3 #08183	Packing for shut of stem	8 #08188	Back Check Spring
4 #08184	Bonnet	9 #08189	Disc with Metal Insert
5 #08185	Bonnet Washer	10 #08190	Complete Bonnet Assy.

REGULAR ANGLE OR STRAIGHT STOPS - 3/4", 1", 1-1/4"



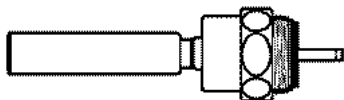
1 #08133	Protecting Cap	7 #08197	Male Shut-Off Stem with 1-1/2" Overall Length
2 #08192	Packing Nut	8 #08198	Guide
3 #08183	Packing for Shut-off Stem	9 #08199	Seat Washer
4 #08194	Bonnet w/Female Shut-Off Stem	10 #08200	Washer for Shut-off Stem Nut
5 #08185	Bonnet Washer	11 #08201	Nut for Shut-Off Stem
6 #08196	Male Shut-Off Stem with 1-1/4" Overall Length	12 #08213	Complete Bonnet Assy.
		13 #08891	Male Shut-Off Stem Assy.

PARTS FOR DELANY FLUSHBOY HANDLE ASSEMBLY #08173



1 # 08163	Handle	4 # 08374	Operating Stem Uncommon 1-13/16" length
2 # 08164	Handle Nut		
3 # 08165	Operating Stem Common 1-7/8" length	5 # 08166	Flexer

COMPLETE DELANY FLUSHBOY HANDLE ASSEMBLY #08173

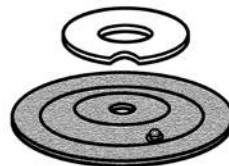


DELANY RUBBER SLEEVE WITH INSERT



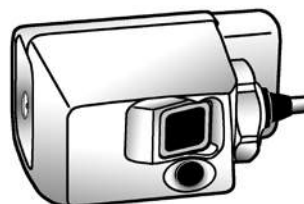
#08246

DELANY FLUSHBOY DIAPHRAGM KITS



#08177	4.5 Closet
#08895	3.5 Closet
#08897	1.6 Closet
#08178	1.5 Urinal
#08479	1.0 Urinal
#50784	1.5 Urinal Leather diaphragm Not OEM
#50783	3.5 Closet Leather diaphragm Not OEM

SIDE MOUNT FOR DELANY



#08532MOD

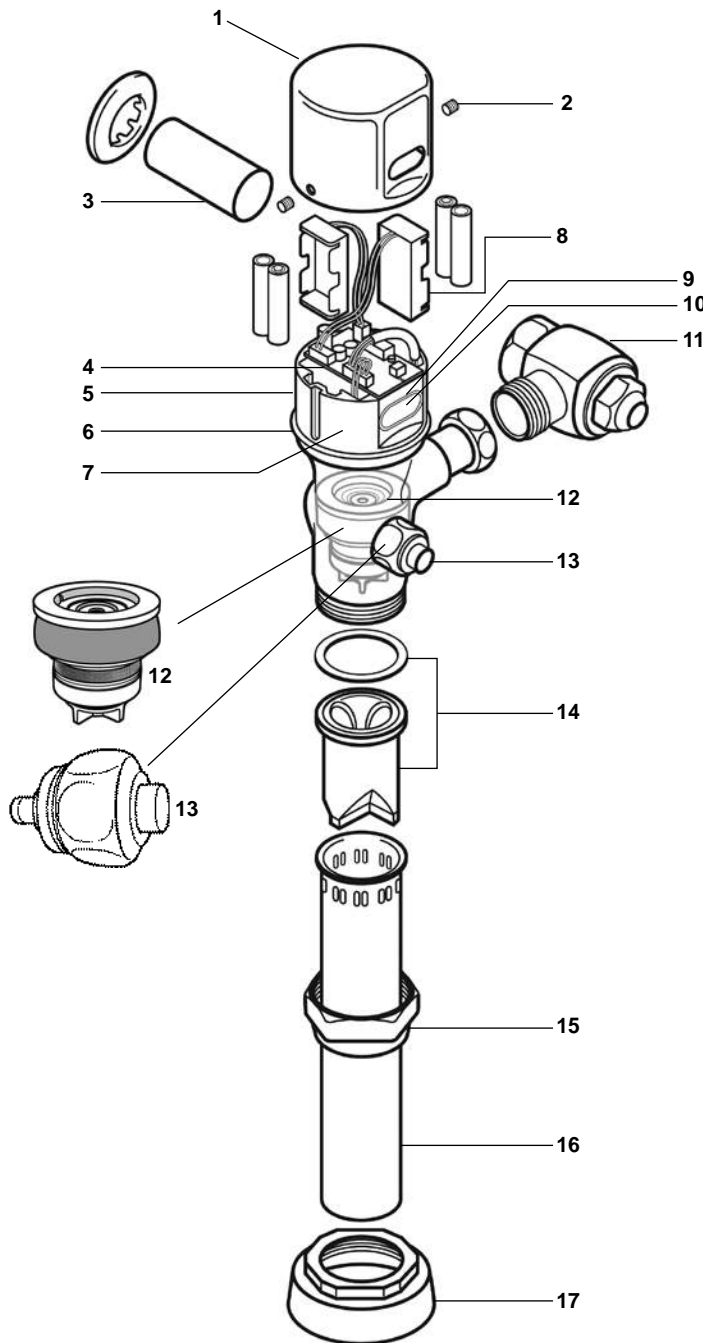


MOEN FLUSH VALVES

Battery Powered Exposed Type Flush Valve



Models 8310, 8311, 8312, 8314, 8315, 8316



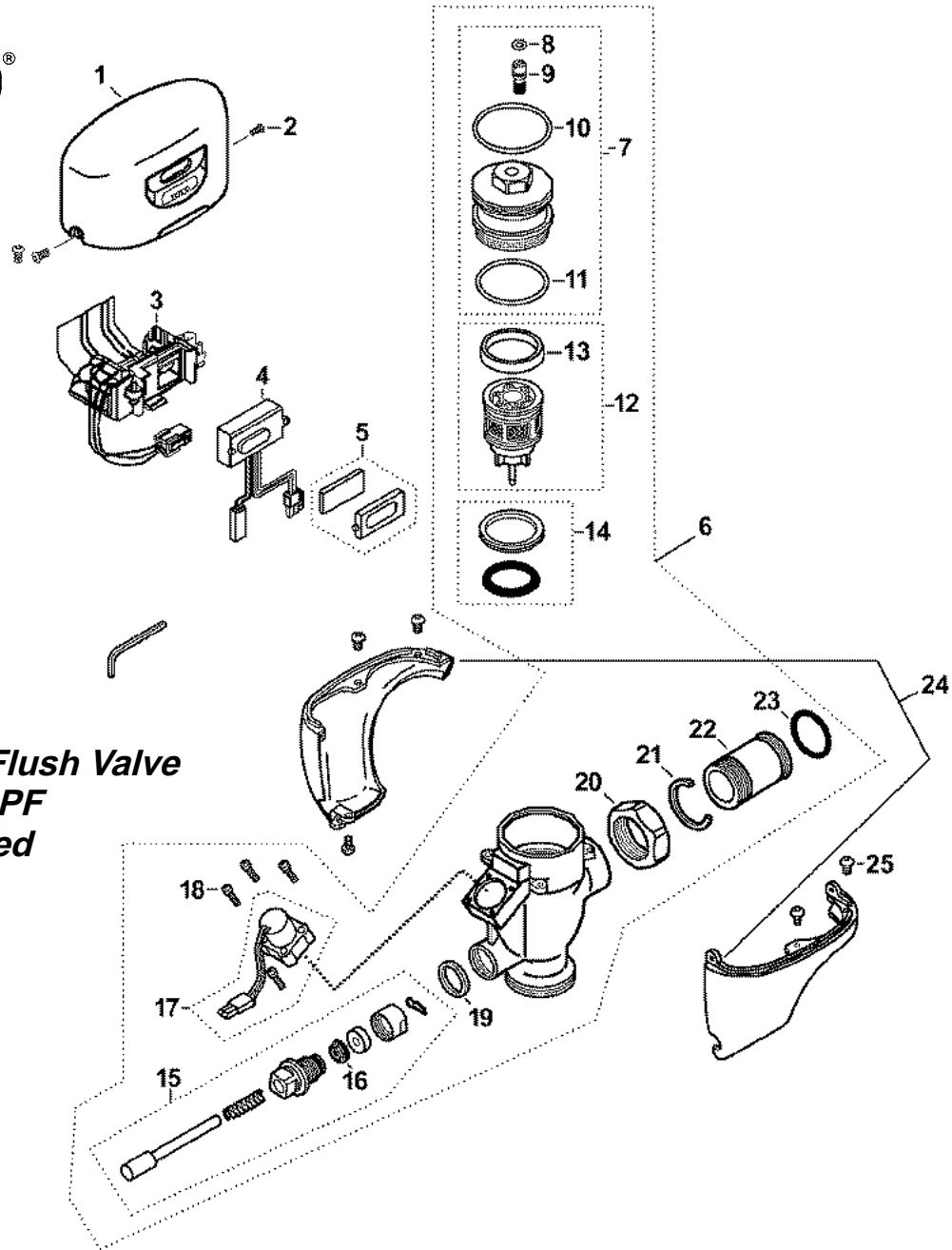
1	#85016	DC Flush Valve Cap
2	#84708	Optional Vandal Proof Screws
3	#85011 #85012	Sweat Kit 1" x 2" Sweat Kit 1" x 6"
4	#85008 #83910 #85014	Control Module Closet 3.5, 1.6 GPF Urinal 1.0, 0.5, 0.125 GPF Closet - 1.28 GPF
5	#84208	Solenoid
6	#84699	Seat O-Ring
7	#85015	Flush Valve Cap Mount
8	#84705	Battery Holders
9	#84707	Sensor Eye/Wires for Flush Valve
10	#84709	Replacement Lens Cover
11	#85018 #85017 #85019	Angle Stop Flush Valve 3/4" Stop Valve 1" Stop Valve Angle Stop Repair Kit
12	#84706	Piston Control Disc
13	#83294 #85020	Manual Override Button Flush Valve Replacement Button Replacement Plug
14	#85010	Vacuum Breaker Repair Kit
15	#85013	Brass Flush Valve Nut
16	#85021 #85022 #85023	Vacuum Breaker 1-1/2" x 9" (for 8310) 1-1/4" x 9" (for 8314) 3/4" x 9" (for 8312)
17	#85024 #85025 #85026	Spud Coupling Assembly 1-1/2" (for 8310) 1-1/4" (for 8314) 3/4" (for 8312)



TOTO FLUSH VALVE

TOTO®

**Sensor Toilet Flush Valve
Exposed 1.6 GPF
Battery Powered**



EQUIPARTS

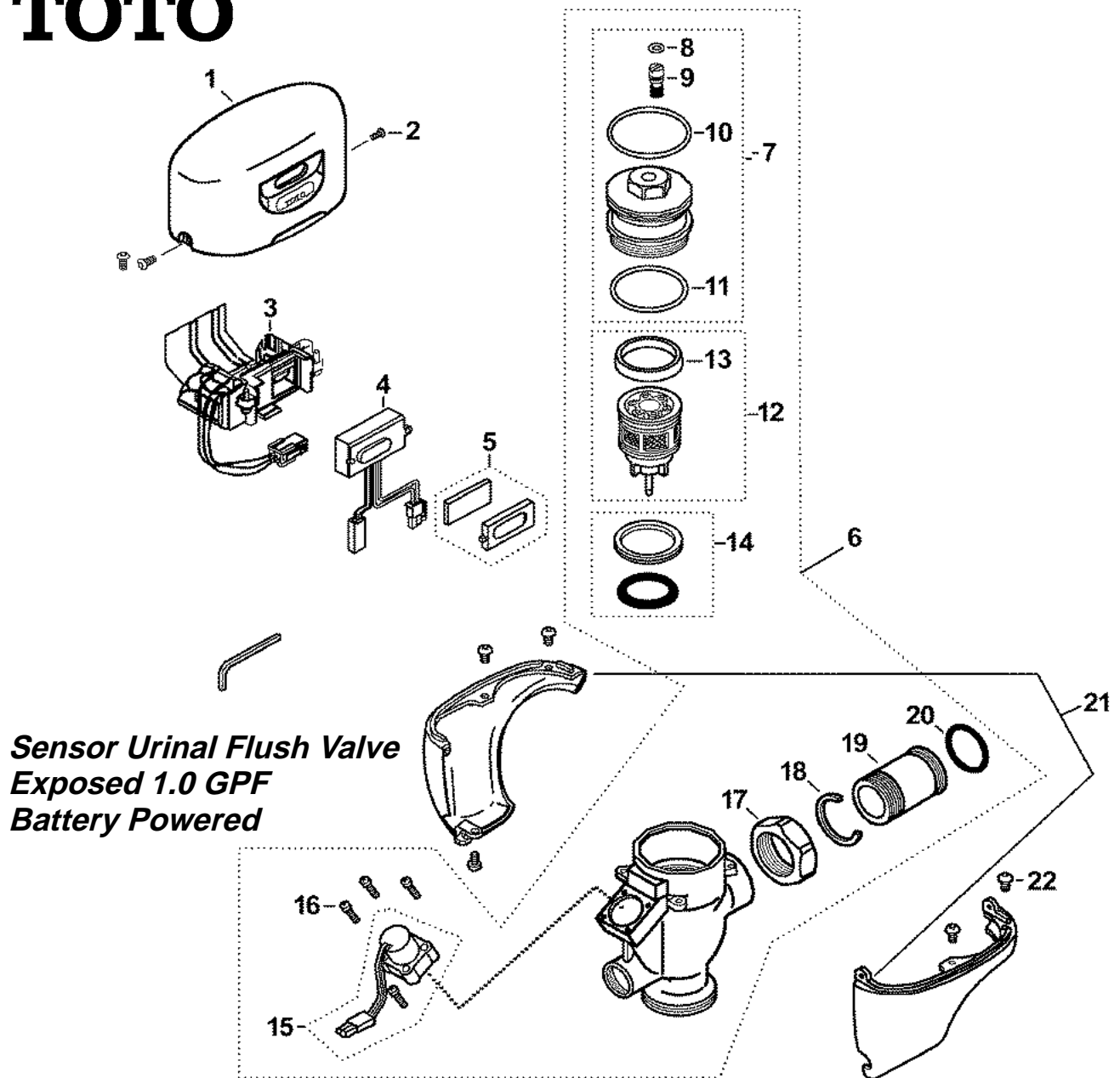
MASTER REPAIR PARTS DISTRIBUTOR

1 #80989	Top Cover DC Type	10 #05357	O-Ring-Valve Cap	18 #80952	Double Sems Screws M3 (4 Required)
2 #80990	Hex Socket Pan Head Cap Screw Set	11 #08771	O-Ring-Valve Guide	19 #81004	O-Ring Set (Push Rod)
3 #80186	Battery Case	12 #81002	Piston Valve Assembly	20 #08040	Nut
4 #80999	Sensor Controller (DC Closet)	13 #05354	U-Packing For Piston	21 #08038	Locking Rings
5 #80992	Glass & Packing Set	14 #08694	Seal Washer Kit	22 #80954	Tailpiece
6 #81000	Valve Body Assembly	15 #81003	Push Button Assembly	23 #08037	O-Ring - Tailpiece
7 #81001	Valve Cap Assembly	16 #08764	Gasket - U-Packing	24 #81005	Lower Toilet Cover Set
8 #05353	O-Ring-Cap Screw	17 #08804	Solenoid Unit & Diaphragm Assy	25 #80998	8-32 Screw (4 Required)
9 #80995	Adjustment Screw Set				



TOTO FLUSH VALVE

TOTO®



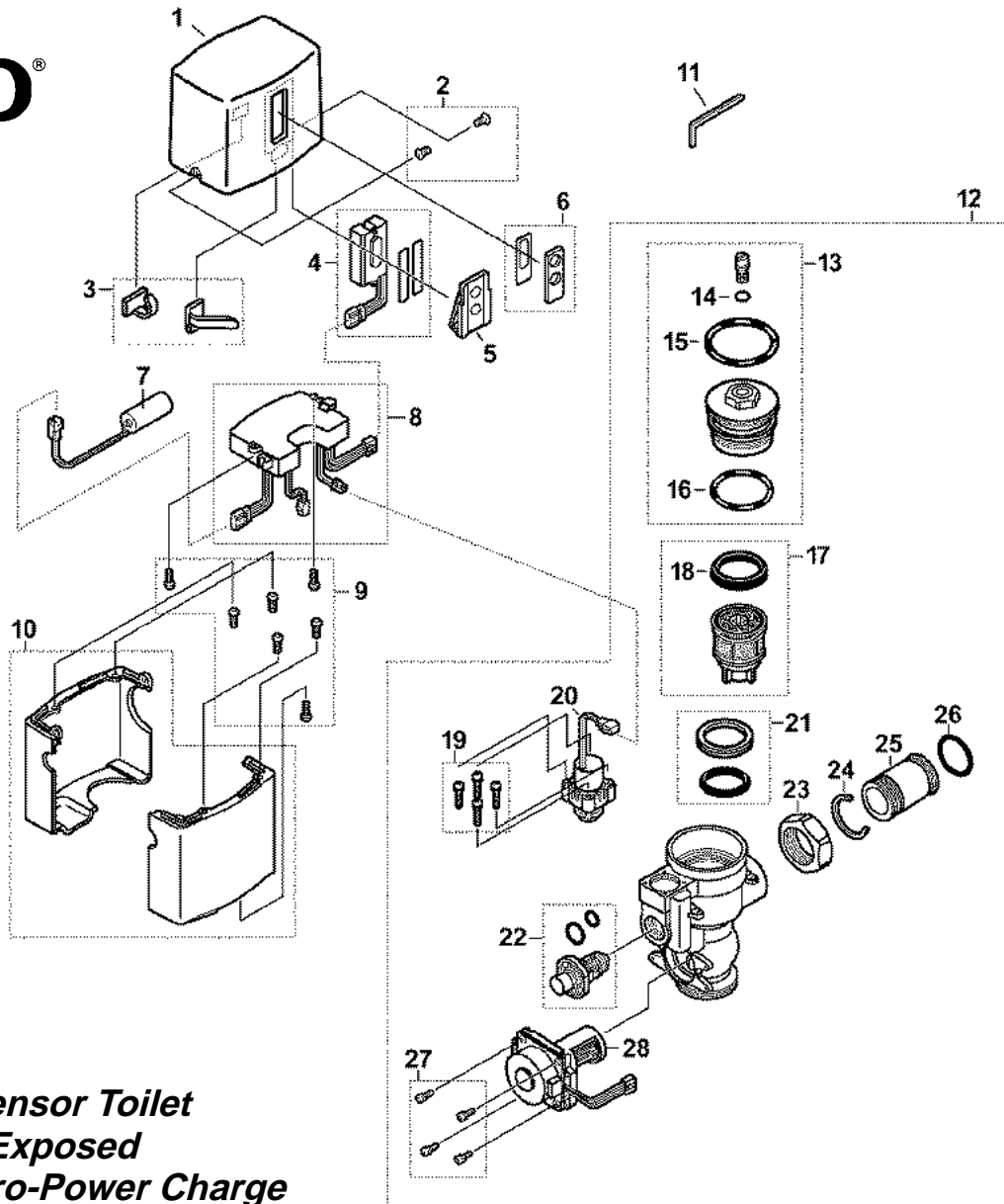
MASTER REPAIR PARTS DISTRIBUTOR

1 #80989	Top Cover DC Type	9 #80995	Adjustment Screw Set	16 #80952	Double Sems Screws M3 (4 Required)
2 #80990	Hex Socket Pan Head Cap Screw Set	10 #05357	O-Ring-Valve Cap	17 #08040	Nut
3 #80186	Battery Case	11 #08771	O-Ring-Valve Guide	18 #08038	Locking Ring
4 #80991	Sensor Controller (DC Urinal)	12 #58758	Piston Assembly	19 #80954	Tailpiece
5 #80992	Glass & Packing Set	13 #05354	U-Packing For Piston	20 #08037	O-Ring - Tailpiece
6 #80993	Valve Body Assembly	14 #08694	Seal Washer Kit	21 #80996	Lower Urinal Cover Set
7 #80994	Valve Cap Assembly	15 #08804	Solenoid Unit & Diaphragm Assy	22 #80998	8-32 Screw (4 Required)
8 #05353	O-Ring-Cap Screw				



TOTO ECOPOWER FLUSH VALVE

TOTO®



**EcoPower Sensor Toilet
Flush Valve Exposed
3.5 GPF Hydro-Power Charge**



EQUIPARTS

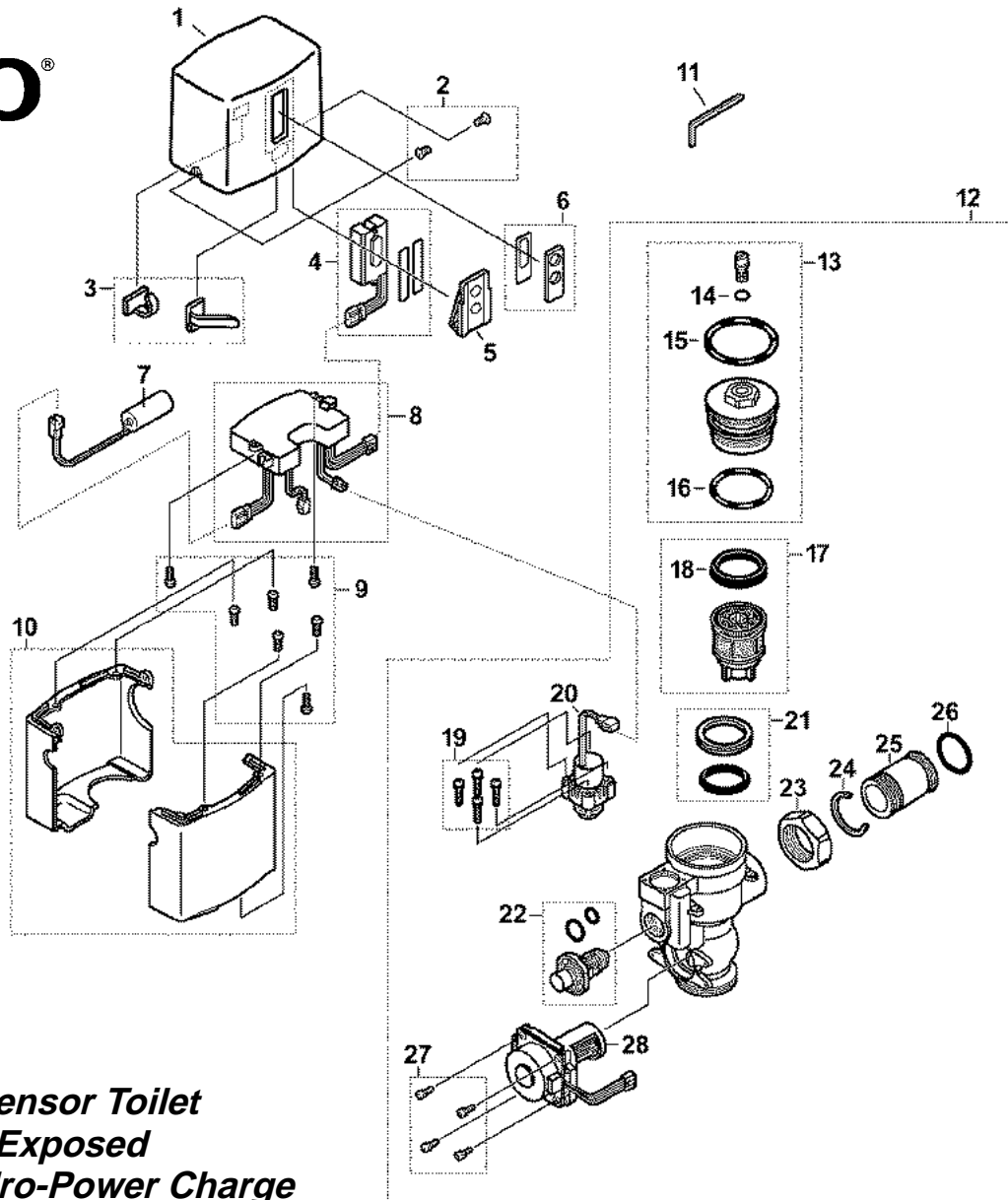
MASTER REPAIR PARTS DISTRIBUTOR

1	#80939	Top Cover	11	#80969	Allen Wrench	20	#SP8978	Solenoid Unit & Diaphragm Assy.
2	#80940	Vandal Resistant Set Screws	12	#80987	Valve Body For Exposed Toilet (3.5 Gpf)	21	#08694	Seal Washer Kit
3	#80941	Clamp Set	13	#80949	Valve Cap Assy. (Toilet 3.5 Gpf)	22	#80953	Manual Flushing Button
4	#80960	Sensor Controller & Packing Set	14	#05353	O-Ring-Cap Screw	23	#08040	Nut
5	#80943	Holder	15	#80950	O-Ring-Valve Cap	24	#08038	Locking Rings
6	#80944	Glass & Packing Set	16	#08771	O-Ring-Valve Guide	25	#80954	Tailpiece
7	#56856	Back-Up Battery	17	#80951	Piston Assembly (1.0 - 3.5 Gpf)	26	#08037	O-Ring - Tailpiece
8	#80961	Controller (Closet)	18	#05354	U-Packing For Piston	27	#80955	Double Sems Screws M3 (4 required)
9	#80946	M4 Screws (5 required)	19	#80952	Double Sems Screws M3 (4 required)	28	#80966	Hydro-Power Generator (Toilet)
10	#80947	Lower Cover Set						



TOTO ECOPOWER FLUSH VALVE

TOTO®



**EcoPower Sensor Toilet
Flush Valve Exposed
1.6 GPF Hydro-Power Charge**



EQUIPARTS

MASTER REPAIR PARTS DISTRIBUTOR

1	#80939	Top Cover	11	#80969	Allen Wrench	20	#SP8978	Solenoid Unit & Diaphragm Assy
2	#80940	Vandal Resistant Set Screws	12	#80988	Valve Body For Exposed Toilet (1.6 GPF)	21	#08694	Seal Washer Kit
3	#80941	Clamp Set	13	#80770	Valve Cap Assy (Toilet 1.6 GPF)	22	#80953	Manual Flushing Button
4	#80960	Sensor Controller & Packing Set	14	#05353	O-Ring-Cap Screw	23	#08040	Nut
5	#80943	Holder	15	#80950	O-Ring-Valve Cap	24	#08038	Locking Ring
6	#80944	Glass & Packing Set	16	#08771	O-Ring-Valve Guide	25	#80954	Tailpiece
7	#56856	Back-Up Battery	17	#80951	Piston Assembly (1.6 GPF)	26	#08037	O-Ring - Tailpiece
8	#80961	Controller (Closet)	18	#05354	U-Packing For Piston	27	#80955	Double Sems Screws M3 (4 required)
9	#80946	M4 Screws (5 required)	19	#80952	Double Sems Screws M3 (4 required)	28	#80966	Hydro-Power Generator (Closet)
10	#80947	Lower Cover Set						

Redwood City: 650-368-8517

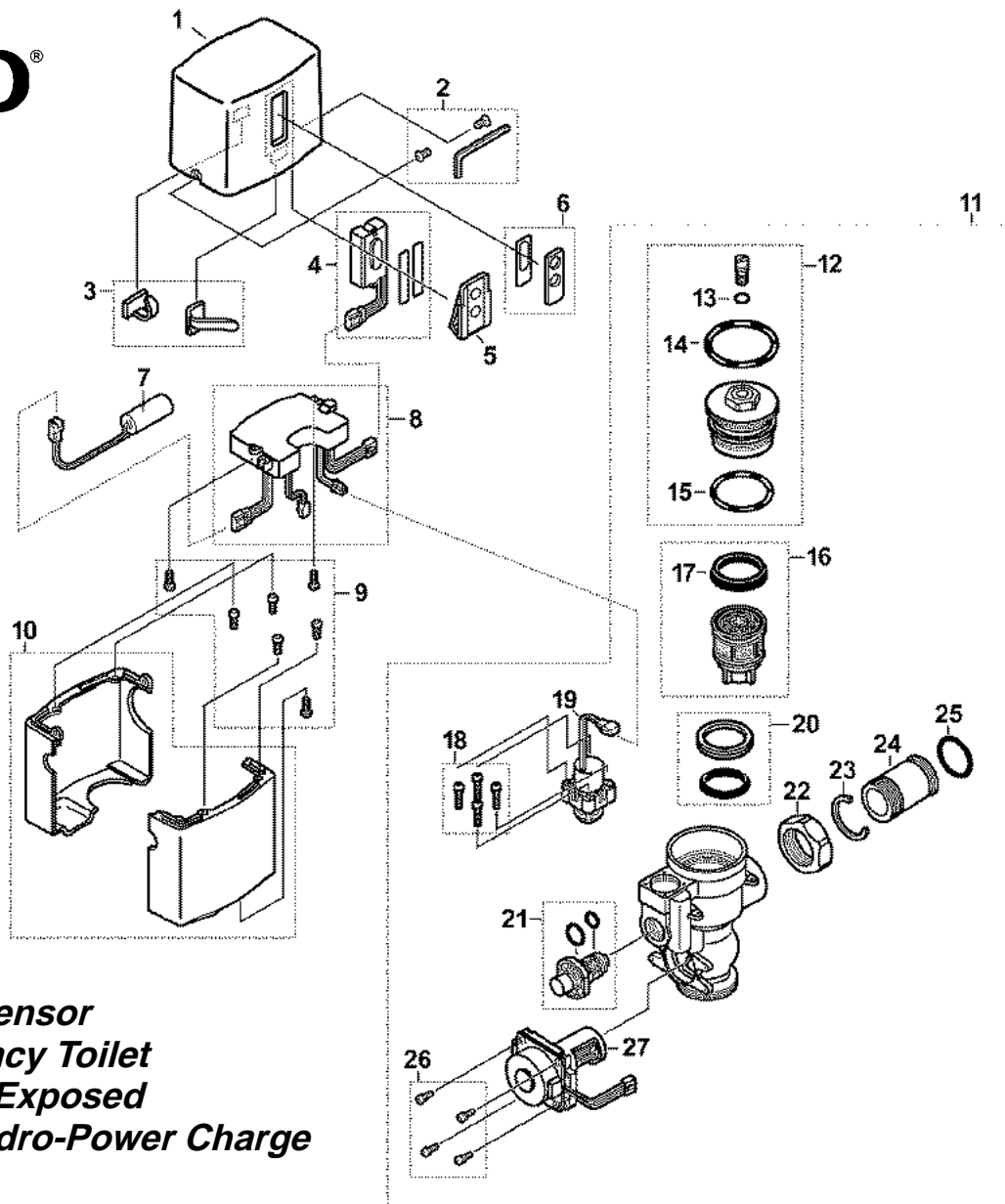


Industrial Plumbing Supply
TMS SOUTHWEST
Repair Parts and Fixtures
PH: 650 368-8517 Fax: 650 367-0732

Toll Free: 877-477-2930

TOTO ECOPOWER FLUSH VALVE

TOTO®



**EcoPower Sensor
High Efficiency Toilet
Flush Valve Exposed
1.28 GPF Hydro-Power Charge**



EQUIPARTS

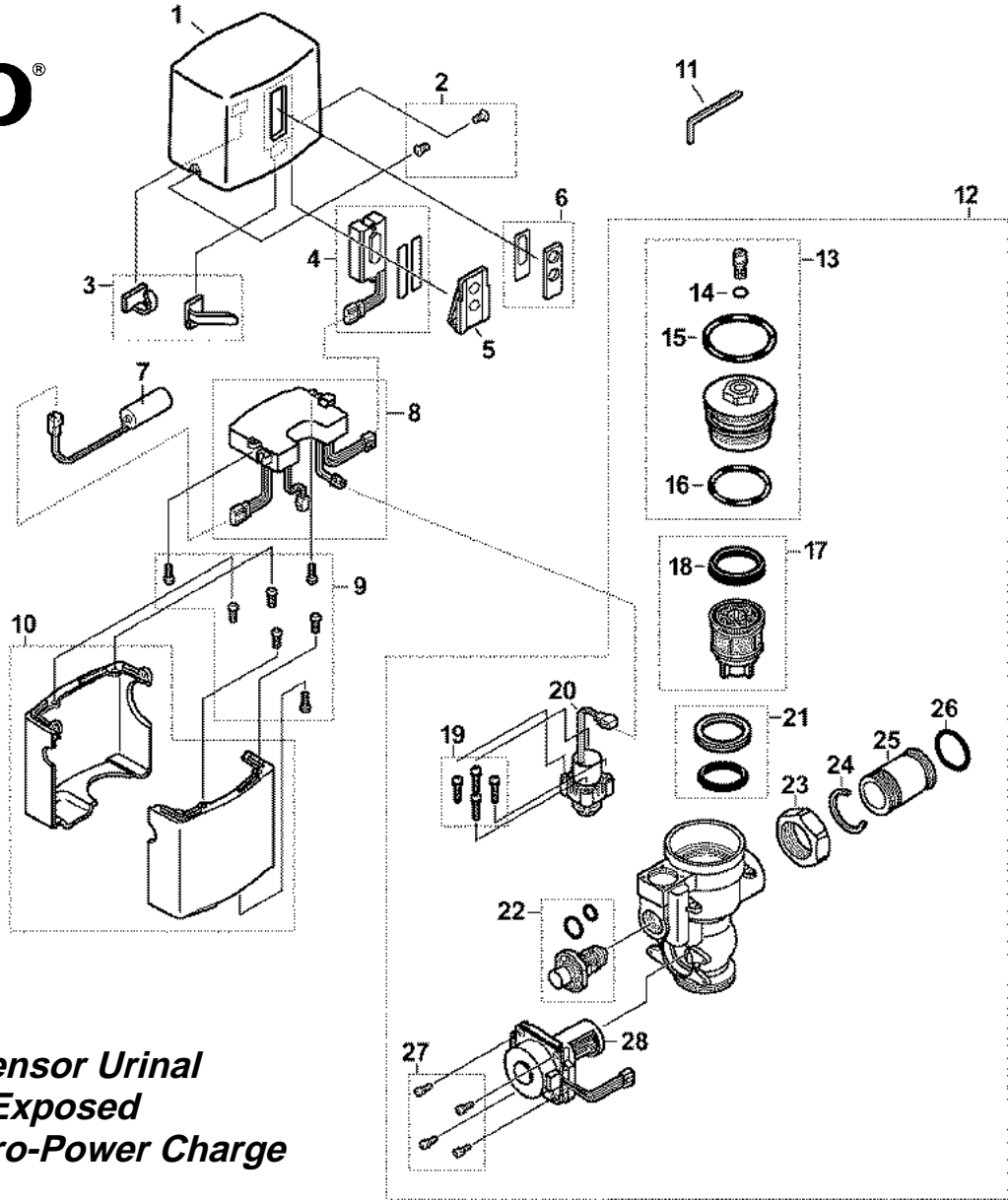
MASTER REPAIR PARTS DISTRIBUTOR

1	#80939	Top Cover	10	#80947	Lower Cover Set	19	#SP8978	Solenoid Unit & Diaphragm Assy
2	#80940	Vandal Resistant Set Screw & Allen Wrench Kit	11	#80965	Valve Body For Exposed Toilet (1.28 Gpf)	20	#08694	Seal Washer Kit
3	#80941	Clamp Set	12	#80770	Valve Cap Assembly (1.28 Gpf)	21	#80953	Manual Flushing Button
4	#80960	Sensor Controller & Packing Set	13	#05353	O-Ring-Cap Screw	22	#08040	Nut
5	#80943	Holder	14	#80950	N.L.A. O-Ring-Valve Cap	23	#08038	Locking Ring
6	#80944	Glass & Packing Set	15	#80771	O-Ring-Valve Guide	24	#80954	Tailpiece
7	#56856	Back-Up Battery	16	#80768	Piston Assembly (1.28 Gpf)	25	#08037	O-Ring - Tailpiece
8	#80961	Controller (Closet)	17	#05354	U-Packing For Piston	26	#80955	Double Sems Screws M3 (4 required)
9	#80946	M4 Screws (5 required)	18	#80952	Double Sems Screws M3 (4 required)	27	#80966	Hydro-Power Generator (Closet)



TOTO ECOPOWER FLUSH VALVE

TOTO®



**EcoPower Sensor Urinal
Flush Valve Exposed
1.0 GPF Hydro-Power Charge**



MASTER REPAIR PARTS DISTRIBUTOR

1	#80939	Top Cover	11	#80969	Allen Wrench	20	#SP8978	Solenoid Unit & Diaphragm Assy
2	#80940	Vandal Resistant Set Screws	12	#80948	Valve Body For Exposed Urinal (1.0 Gpf)	21	#08694	Seal Washer Kit
3	#80941	Clamp Set	13	#80949	Valve Cap Assy (Urinal 1.0 Gpf)	22	#80953	Manual Flushing Button
4	#80960	Sensor Controller & Packing Set	14	#05353	O-Ring-Cap Screw	23	#08040	Nut
5	#80943	Holder	15	#80950	O-Ring-Valve Cap	24	#08038	Locking Ring
6	#80944	Glass & Packing Set	16	#08771	O-Ring-Valve Guide	25	#80954	Tailpiece
7	#56856	Back-Up Battery	17	#80951	Piston Assembly (1.0 - 3.5 Gpf)	26	#08037	O-Ring - Tailpiece
8	#80968	Controller (Urinal)	18	#05354	U-Packing For Piston	27	#80955	Double Sems Screws M3 (4 Required)
9	#80946	M4 Screws (5 required)	19	#80952	Double Sems Screws M3 (4 Required)	28	#80956	Hydro-Power Generator (Urinal)
10	#80947	Lower Cover Set						

Redwood City: 650-368-8517

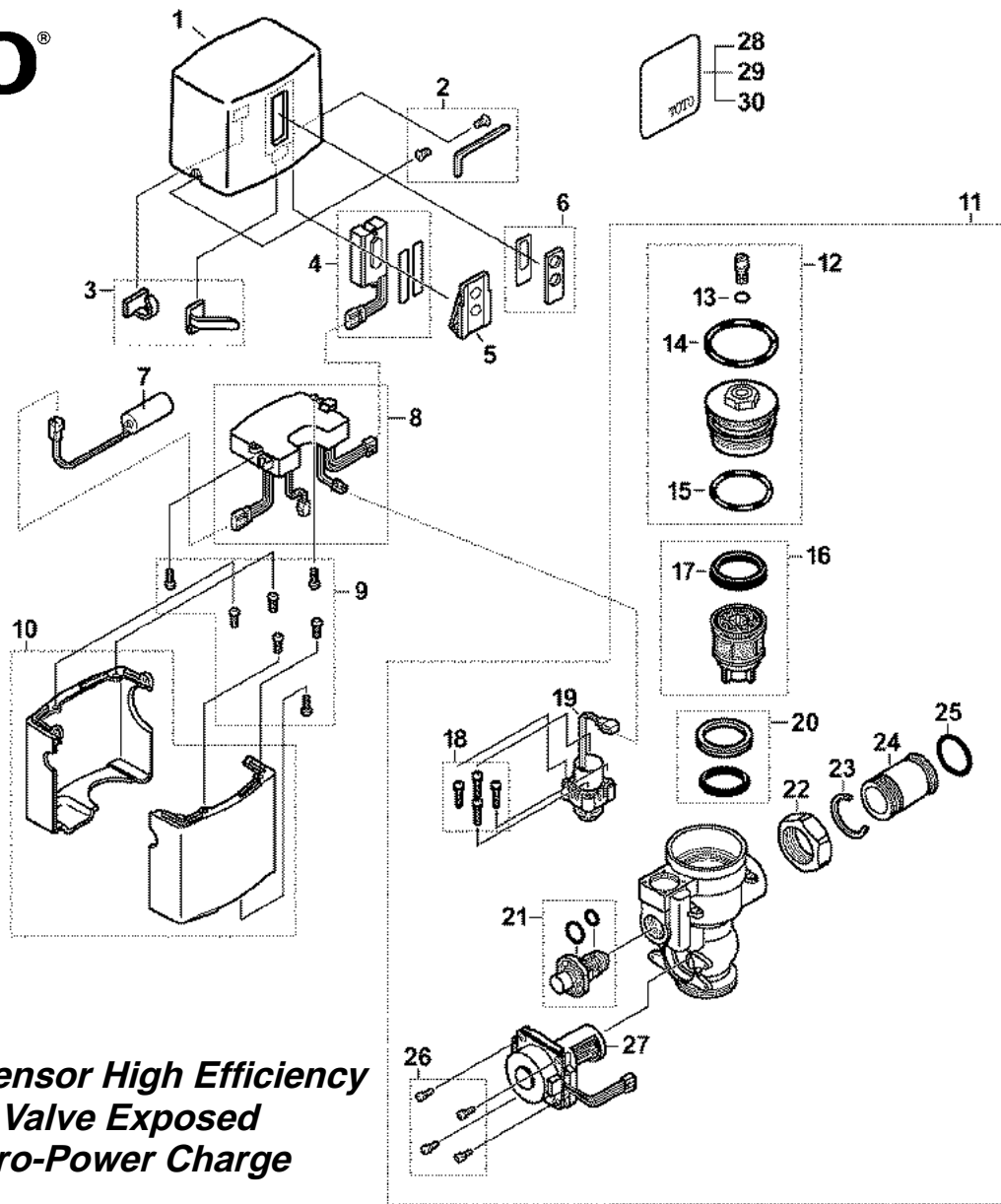


Industrial Plumbing Supply
TMS SOUTHWEST
Repair Parts and Fixtures
PH: 650 368-8517 Fax: 650 367-0732

Toll Free: 877-477-2930

TOTO ECOPOWER FLUSH VALVE

TOTO®



**EcoPower Sensor High Efficiency
Urinal Flush Valve Exposed
0.5 GPF Hydro-Power Charge**



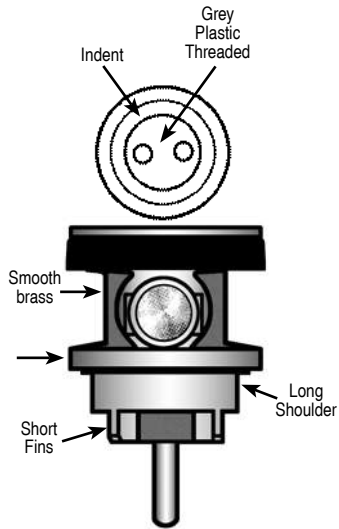
EQUIPARTS

MASTER REPAIR PARTS DISTRIBUTOR

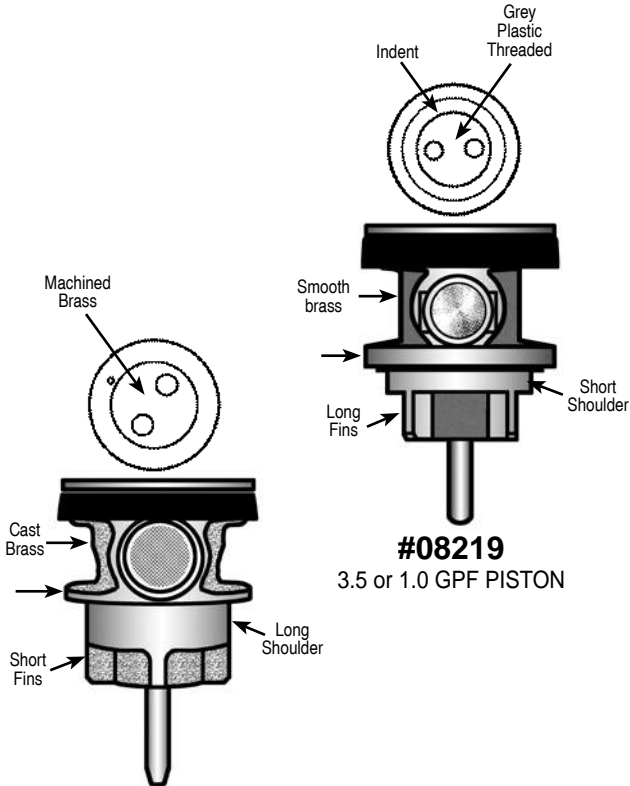
1	#80939	Top Cover	11	#80948	Valve Body For Exposed Urinal	21	#80953	Manual Flushing Button
2	#80940	Vandal Resistant Set Screw & Allen Wrench Kit	12	#80949	Valve Cap Assy	22	#08040	Nut
3	#80941	Clamp Set	13	#05353	O-Ring-Cap Screw	23	#08038	Locking Ring
4	#80942	Sensor Controller & Packing Set	14	#80950	O-Ring-Valve Cap	24	#80954	Tailpiece
5	#80943	Holder	15	#08771	O-Ring-Valve Guide	25	#08037	O-Ring - Tailpiece
6	#80944	Glass & Packing Set	16	#80951	Piston Assembly (1.0 - 3.5 Gpf)	26	#80955	Double Sems Screws M3 (4 required)
7	#56856	Back-Up Battery	17	#05354	U-Packing For Piston	27	#80956	Hydro-Power Generator (Urinal)
8	#80945	Controller (Urinal)	18	#80952	Double Sems Screws M3 (4 required)	29	#80957	0.5 GPF Water Saving Sticker (English)
9	#80946	M4 Screws (5 required)	19	#SP8978	Solenoid Unit & Diaphragm Assy	29	#80958	0.5 GPF Water Saving Sticker (Spanish)
10	#80947	Lower Cover Set	20	#08694	Seal Washer Kit	30	#80959	0.5 GPF Water Saving Sticker (French)



TOTO PISTONS



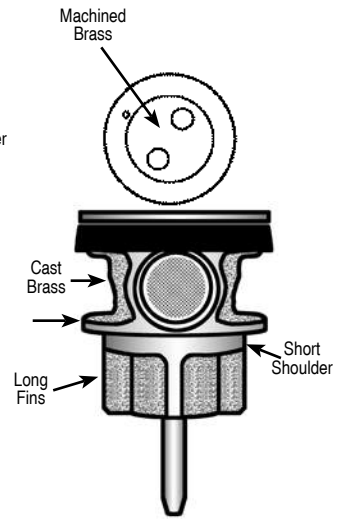
#08765
1.6 GPF PISTON



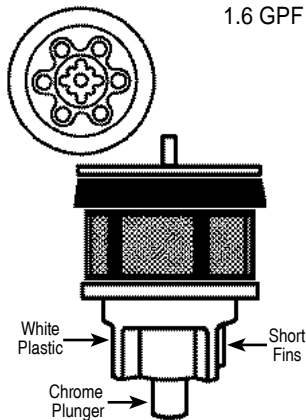
#08219
3.5 or 1.0 GPF PISTON



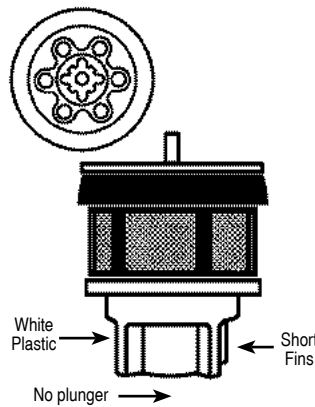
#08760
1.6 GPF PISTON



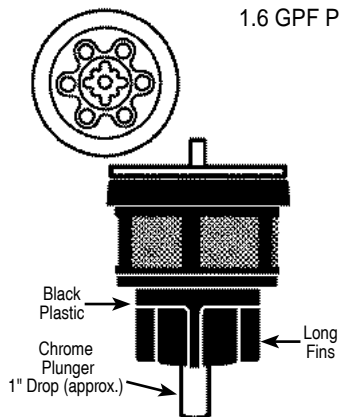
#58758
3.5 or 1.0 GPF PISTON



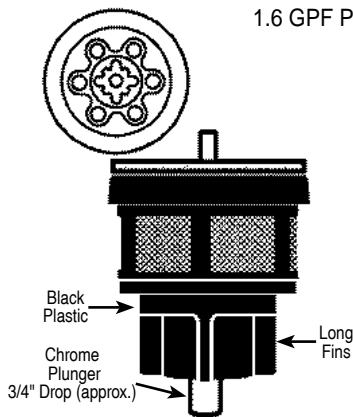
#08882
1.6 GPF PISTON



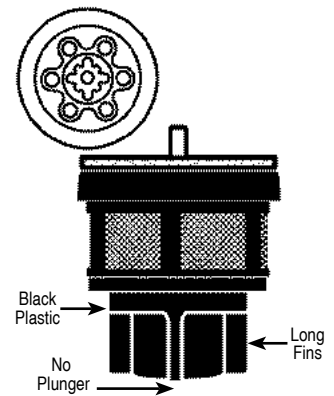
#80768
1.6 GPF PISTON



#80878
3.5 GPF PISTON



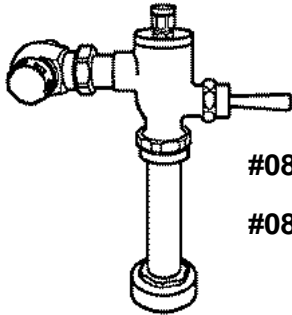
#08806
1.0 GPF PISTON



#80879
3.5 or 1.0 GPF PISTON

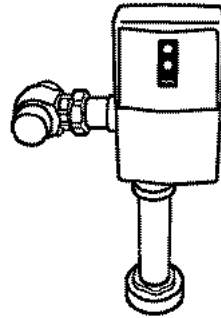


TOTO MANUAL & ELECTRONIC COMPLETE VALVES



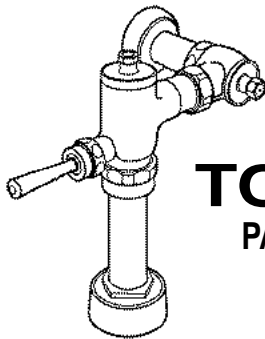
#08908 1.6 GPF Closet

#08906 1.0 GPF Urinal
with 3/4" VB & stop

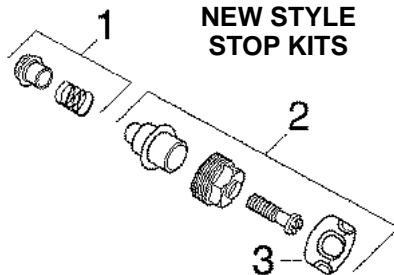


#08911 1.6 GPF Closet

#08915 1.0 GPF Urinal
with 3/4" VB & stop



TOTO PARTS



NEW STYLE STOP KITS

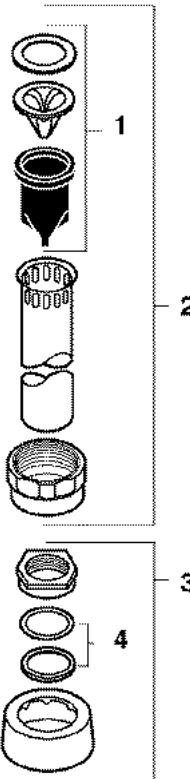
1	#08775	Urinal Stop Kit
	#08777	Closet Stop Kit
2	#08781	Urinal Bonnet Assy.
	#08783	Closet Bonnet Assy.
3	#08768	Urinal Cap
	#08778	Closet Cap



OLD STYLE STOP KITS

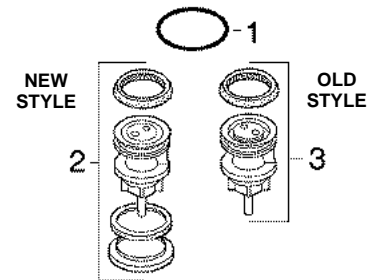
CALL FOR ASSISTANCE

TOTO VACUUM BREAKER PARTS



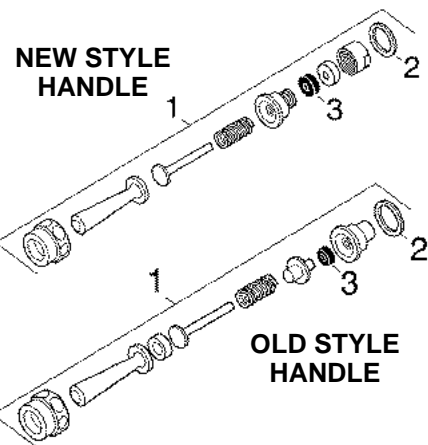
1	#08763	V/B Repair Kit
	#08767	3/4" x 8-1/2" C.P. V/B
2	#08788	1-1/4" x 8-1/2" C.P. V/B
	#08780	1-1/2" x 8-1/2" C.P. V/B
	#08779	3/4" C.P. Esc Assy.
3	#08782	1-1/4" C.P. Esc. Assy.
	#08790	1-1/2" C.P. Esc. Assy.
	#08022	3/4" Gasket Kit
4	#08021	1-1/4" Gasket Kit
	#08020	1-1/2" Gasket Kit

TOTO PISTON PARTS



1	#08771	Cover Gasket
2	#58758	3.5 & 1.0 GPF Piston
	#08760	1.6 GPF Piston
3	#08219	3.5 & 1.0 GPF Piston
	#08765	1.6 GPF Piston

TOTO HANDLE PARTS



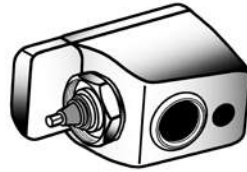
1	#08762	Handle Assy.
2	#08766	Handle Gasket
3	#08764	Handle Packing



ZURN FLUSH VALVES

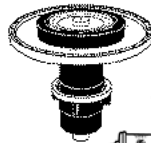
AQUAVANTAGE VS . AQUAFLUSH

- **AquaVantage - Dark Blue (Better)** Triple filtered by-pass diaphragm
- Integral triple filter by-pass diaphragm valve virtually eliminates run-on due to sediment.
- Siphon-guard control stop with vandal resistant cap and locking set screws.
- Free spinning stop cap can easily be pried-off with standard screwdriver.
- **Aquaflush - Light Blue (Budget)** Diaphragm
- The clog resistant by-pass resists scale build up and works with flow surface optimization to maintain optimal performance.
- Siphon-guard control stop with adjustment screw protector.

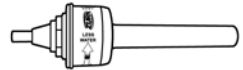
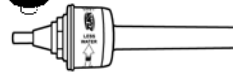


#40265105
EZ FLUSH® (ZURN)
WITH METAL COVER

- Fits Zurn or Sloan
- Sensor-operated for hands-free performance
- Low battery light notification
- Standard "C" batteries supplied
- Time savings - no water shut-off required for installation or battery replacement
- Courtesy flush button
- Fixtures stay cleaner longer
- Helps eliminate odors
- ADA compliant

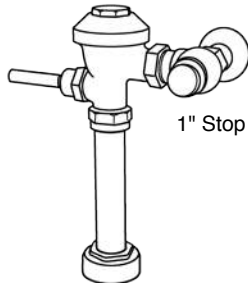


#81109
DUAL FLUSH
HANDLE W/
1.6 GPF RETRO KIT



#08855
DUAL FLUSH
HANDLE ONLY

AQUAVANTAGE 1-1/2" VACUUM BREAKER

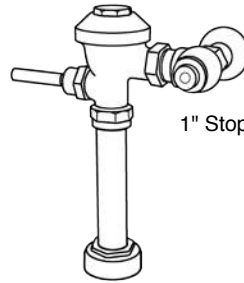


1" Stop

#83248
CLOSET - 3.5 GPF

#08677
CLOSET - 1.6 GPF
Low Consumption

AQUAFLUSH 1-1/2" VACUUM BREAKER

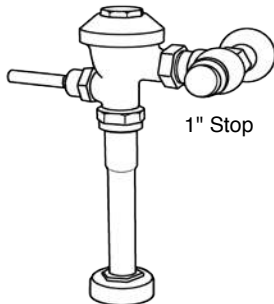


1" Stop

#08751
CLOSET - 3.5 GPF

#08658
CLOSET - 1.6 GPF
Low Consumption

AQUAVANTAGE 1-1/4" VACUUM BREAKER



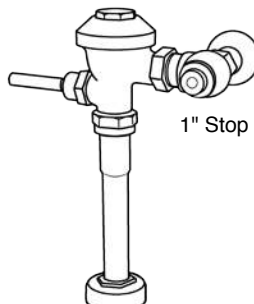
1" Stop

#83249
URINAL - 3.0 GPF

#08930
URINAL - 1.5 GPF

#83250
URINAL - 1.0 GPF
Low Consumption

AQUAFLUSH 1-1/4" VACUUM BREAKER

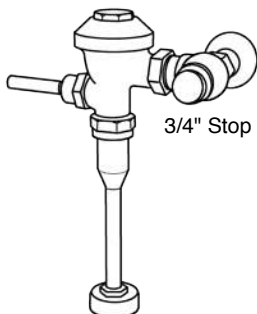


1" Stop

#08901
URINAL - 3.0 GPF

#83251
URINAL - 1.0 GPF
Low Consumption

AQUAVANTAGE 3/4" VACUUM BREAKER

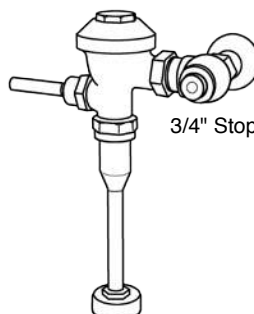


3/4" Stop

#08924
URINAL - 1.5 GPF

#08673
URINAL - 1.0 GPF
Low Consumption

AQUAFLUSH 3/4" VACUUM BREAKER



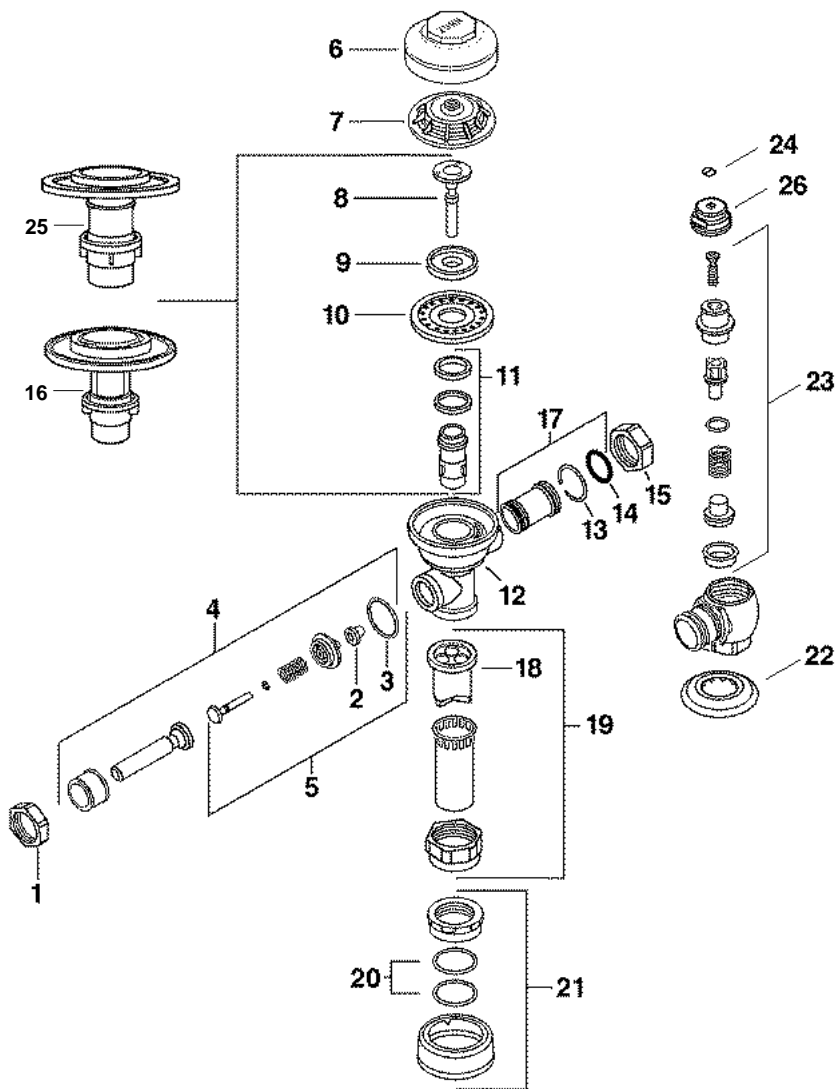
3/4" Stop

#83252
URINAL - 1.5 GPF

#82329
URINAL - 1.0 GPF
Low Consumption



ZURN AQUAFLUSH & AQUAVANTAGE



#08510
MASTER DIAPHRAGM
REPAIR KIT
FOR AQUAFLUSH ONLY
 Includes items 2, 3, 9, & 10

1	#08054	Handle Nut
2	#08514	Handle Seal
3	#08515	Gasket
4	#08511	Standard Handle Assy.
	#08512	Ada Handle Assy.
5	#08299	Handle Repair Kit
6	#08337	Cp Valve Body Cover
7	#08342	Plastic Cover
8	#08341	Closet Relief Valve
	#08507	Urinal Relief Valve
9	#08509	Retainer Disc
10	#08383	Diaphragm
11	#08385	Guide Assembly
12		Valve Body
13	#08038	Lock Ring
14	#08037	Tailpiece O-Ring
15	#08040	Locking Nut
Aquaflush Retro Kits With Light Blue Diaphragm		
	#08500	Closet 4.5 Gpf
	#08297	Closet 3.5 Gpf
16	#08505	Closet 1.6 Gpf
	#08502	Urinal 3.0 Gpf
	#08298	Urinal 1.5 Gpf
	#08506	Urinal 1.0 Gpf
	#08750	Urinal 0.5 Gpf
17	#08620	2-1/16" Adj. Tailpiece
18	#08300	V/B Repair Kit
	#08527	1-1/2" V/B Assembly
19	#08629	1-1/4" V/B Assembly
	#08631	3/4" V/B Assembly
	#08020	1-1/2" Gasket Kit
20	#08021	1-1/4" Gasket Kit
	#08022	3/4" Gasket Kit
	#08529	1-1/2" Coupling Assy.
21	#08622	1-1/4" Coupling Assy.
	#08621	3/4" Coupling Assy.
22		Wall Escutcheon
23	#08625	3/4" Or 1" Stop Repair Kit
24	#08302	Stop Cap
Aquavantage Retro Kits With Dark Blue Diaphragm		
	#08508	Closet 4.5 Gpf
	#08583	Closet 3.5 Gpf
25	#08567	Closet 1.6 Gpf
	#08522	Urinal 3.0 Gpf
	#08584	Urinal 1.5 Gpf
	#08599	Urinal 1.0 Gpf
	#82036	Urinal 0.5 Gpf
26	#08536	Cp Bonnet Nut



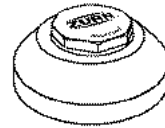
ZURN REPAIR PARTS



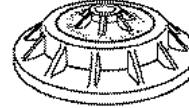
#08383
Diaphragm
for Aquaflush



#08509
Molded Disc



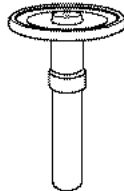
#08337
Chrome Cover



#08342
Plastic Inside Cover
(Light Blue)



#08507
URINAL Relief Valve
Black Plastic



#08341
CLOSET Relief Valve
White Plastic



08385
Adjustable Guide



#08388
Volume Control
1.6 GPF Orange

AQUAFLUSH CLOSET RETRO KITS *Light Blue Diaphragm*

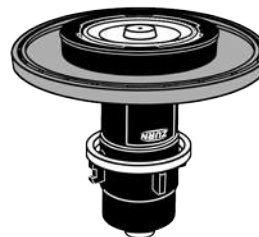


#08500
4.5 GPF
CLOSET Retro Kit
For Old Style

#08297
3.5 GPF
CLOSET Retro Kit

#08505
1.6 GPF
CLOSET Retro Kit
Low Consumption

AQUAVANTAGE CLOSET RETRO KITS *Dark Blue Diaphragm*

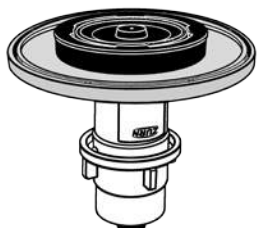


#08508
4.5 GPF
CLOSET Retro Kit
For Old Style

#08583
3.5 GPF
CLOSET Retro Kit

#08567
1.6 GPF
CLOSET Retro Kit
Low Consumption

AQUAFLUSH URINAL RETRO KITS *Light Blue Diaphragm*



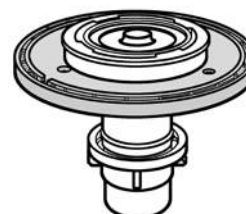
#08502
3.0 GPF
URINAL Retro Kit

#08298
1.5 GPF
URINAL Retro Kit

#08506
1.0 GPF
URINAL Retro Kit
Low Consumption

#08750
0.5 GPF
URINAL Retro Kit
Low Consumption

AQUAVANTAGE URINAL RETRO KITS *Dark Blue Diaphragm*



#08522
3.0 GPF
URINAL Retro Kit

#08584
1.5 GPF
URINAL Retro Kit

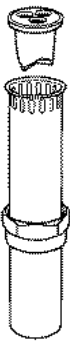
#08599
1.0 GPF
URINAL Retro Kit
Low Consumption

#82036
0.5 GPF
URINAL Retro Kit
Low Consumption



ZURN REPAIR PARTS

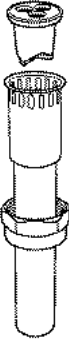
ZURN VACUUM BREAKER



#08527

1-1/2 x 9

Vacuum Breaker



#08629

1-1/4 x 9

Vacuum Breaker



#08631

3/4 x 9

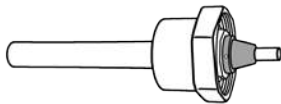
Vacuum Breaker



#08300

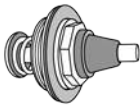
Vacuum Breaker Repair Kit
(Blue)

ZURN HANDLE



#08512

ADA Handle Assembly



#08299

Handle Kit



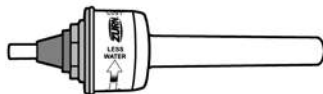
#08514

Handle Seal (Blue)



#08515

Handle Gasket



#08855

Dual Flush Handle

ZURN C.P. COUPLING ASSEMBLIES



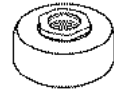
#08529

1-1/2 Coupling Assembly



#08622

1-1/4 Coupling Assembly



#08621

3/4 Coupling Assembly

ZURN GASKET KITS



#08020

1-1/2 Gasket Kit



#08021

1-1/4 Gasket Kit



#08022

3/4 Gasket Kit

STOP REPAIR KIT - 3/4" OR 1"

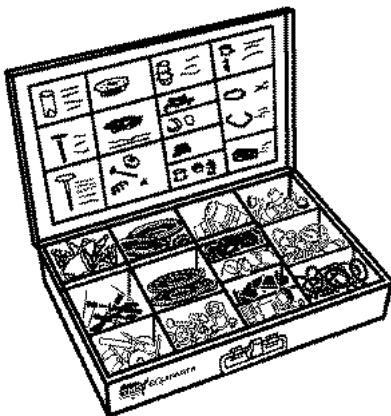


#08625

ZURN MASTER REPAIR PARTS ASSORTMENT

#08066Z

*For Aquaflush
Manual Valves*

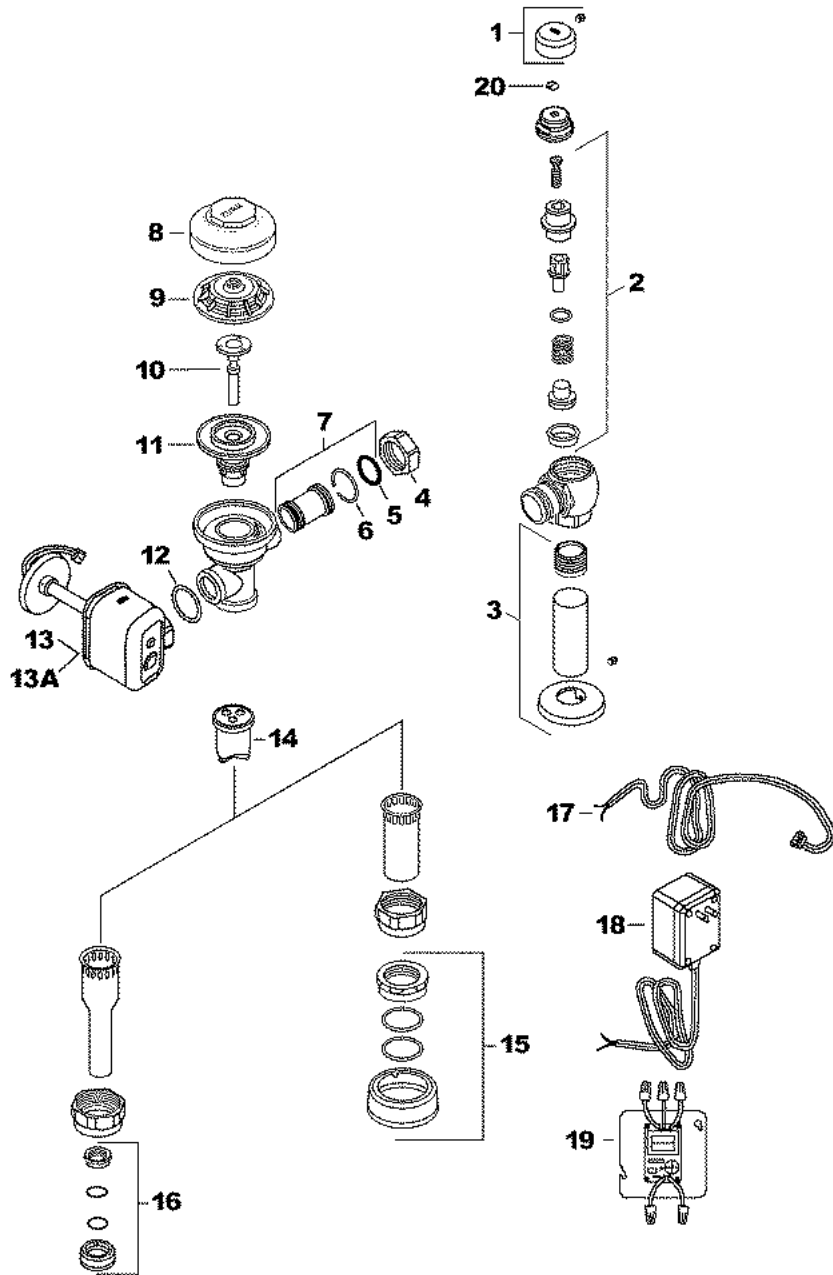


KIT INCLUDES:

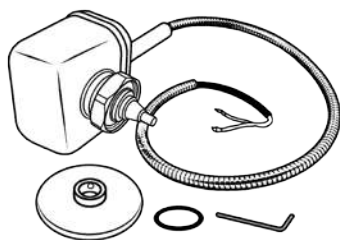
- | | |
|------------------------------|------------------------------|
| 6 Diaphragms | 4 1-1/2 Friction Washer |
| 6 Molded Discs | 4 1-1/4 Friction Washer |
| 4 Guide Assembly | 4 3/4 Friction Washer |
| 4 Vacuum Breaker Repair Kits | 12 O-Rings |
| 4 1-1/2 Spud Washers | 12 Locking Rings |
| 4 1-1/4 Spud Washers | 1 Metal Box With Dividers |
| 4 3/4 Spud Washers | 18" x 12" x 3" |
| 2 Closet Volume Control | 1 Solenoid Valve Repair Kit |
| 2 Urinal Volume Control | 6 Flush Valve Trip Mechanism |



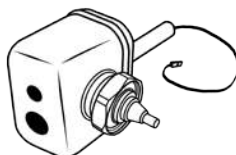
ZURN AQUAVANTAGE ZEMS



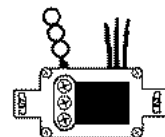
1	#08849	Vandal Resistant Cap
2	#08625	Control Stop Repair Kit
3	#81094	Sweat Solder Kit
4	#08526	Locking Nut
5	#08525	Tailpiece O-Ring
6	#08524	Snap Ring
7	#08620	2-1/16" Adj. Tailpiece
8	#08337	Cp Valve Body Cover
9	#08342	Inside Plastic Cover
10	#08341	Closet Trip Mechanism
	#08507	Urinal Trip Mechanism
Aquavantage Zems Retro Kits		
	#08508	Closet 4.5 Gpf
	#08583	Closet 3.5 Gpf
11	#08567	Closet 1.6 Gpf
	#08522	Urinal 3.0 Gpf
	#08584	Urinal 1.5 Gpf
	#08599	Urinal 1.0 Gpf
12	#08515	Gasket
13	#58373	Actuator Assembly
13A	#81130	Concealed Actuator Assembly
14	#08300	VB Repair Kit
15	#08529	1-1/2" Coupling Assy.
16	#08621	3/4" Coupling Assy.
17	#81095	Power Cord
18	#81096	Power Converter Plug-In
19	#56722	Power Converter Wired
20	#08302	Stop Cap



#81130
(PEMS6000-HYM)
ACTUATOR ASSEMBLY
FOR ZEMS VALVES - CONCEALED



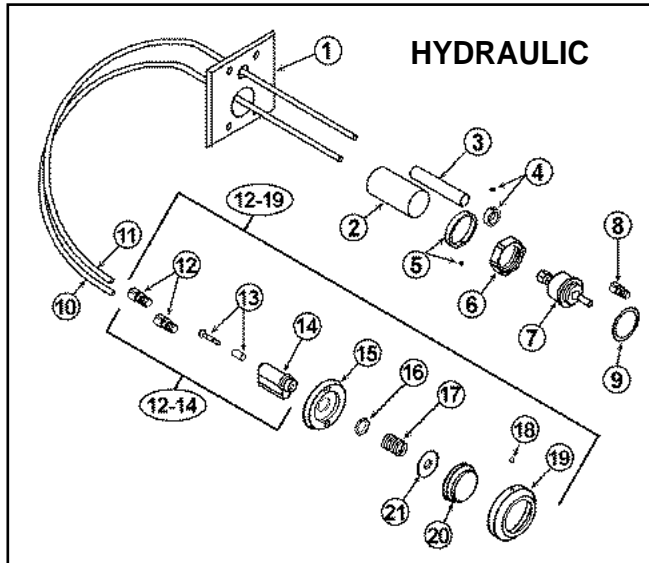
#58373
(PEMS6000-HYM-IS)
ACTUATOR ASSEMBLY
FOR ZEMS VALVES - EXPOSED



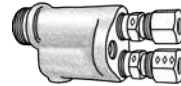
#81075
(PEMS6000-26)
SENSOR FOR CLOSET
OR URINAL ZEMS



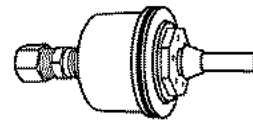
ZURN AQUAVANTAGE



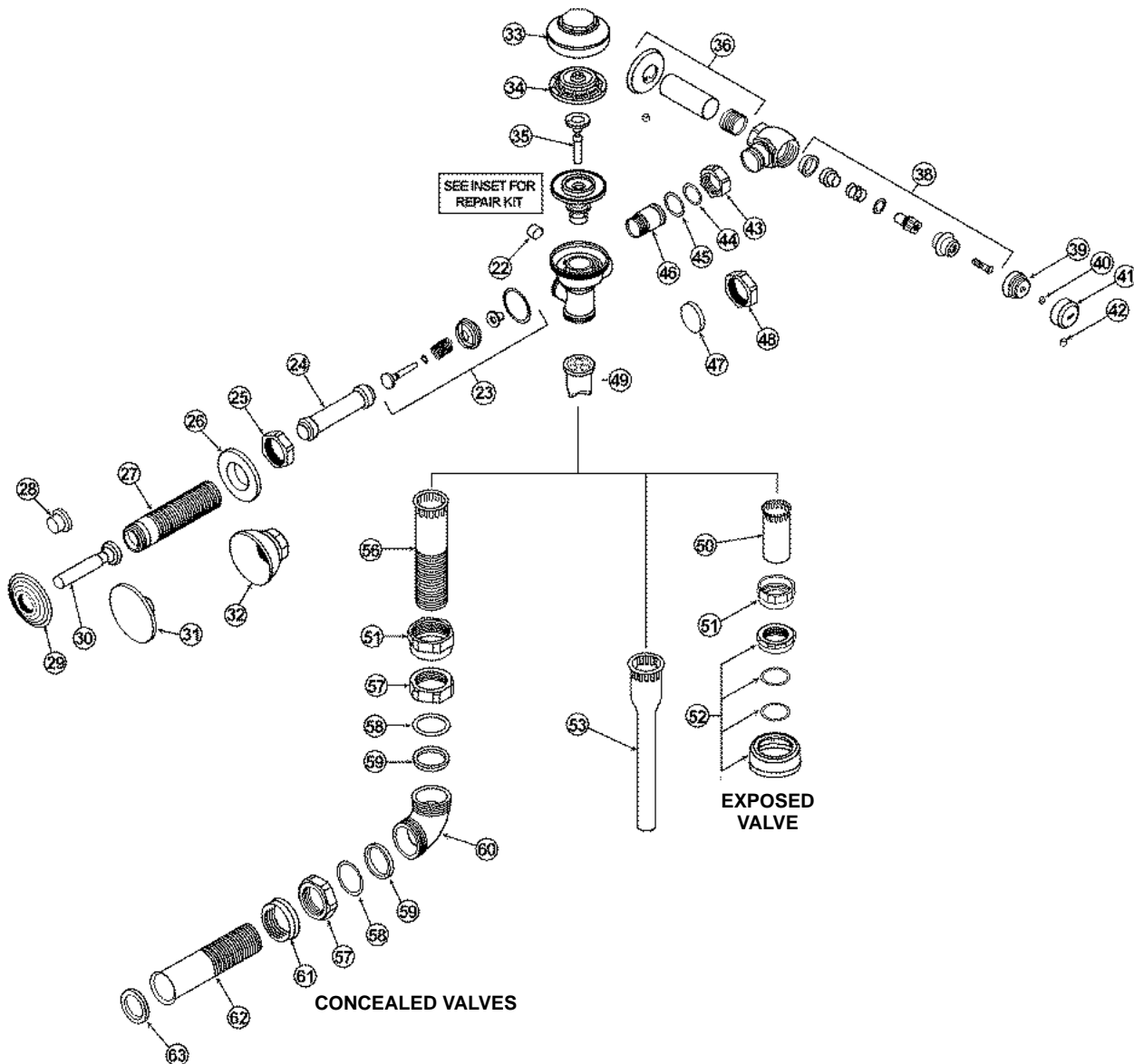
#57361
Repair Kit



#58781
Actuator Assembly - Fixture Wall



#08317
Actuator Cylinder Assembly



ZURN AQUAVANTAGE

ITEM	PART #	DESCRIPTION	ITEM	PART #	DESCRIPTION
1	<div> Items 2-7 #08317 Actuator Cylinder Assembly </div>	Chrome cover plate	34	#08342	Plastic cover
2		Return cover tube	35	#08341	Trip mechanism – white
3		Supply cover tube		#08507	Trip mechanism – black
4		Cover tube ring w/ setscrew	36	#40268788	3/4" Sweat adapter kit
5		Cover tube ring w/ setscrew		#40268782	1" Sweat adapter kit
6	#08628	Handle nut	37		Stop body
7	#82819	Hydraulic plunger assembly	38	#08625	Stop repair kit 3/4" & 1"
8	#81405	1/16" Compression fitting	39	#08536	Stop cap
9	#08859	Gasket	40	#40296003	Snap cap screw cover
10	#08861	1/4" Return tube - clear	41	#40291019	Vandal-resistant control stop cover
11	#08862	1/4" Supply tube - black	42	#40291020	Set screw for control stop cover
12	#85201	1/8" Compression fitting	43	#40268676	Locking nut
13	#40291001	Repair kit for hydraulic actuator	44	#80037	Tailpiece o-ring
14		Actuator body	45	#80038	Snap ring
12-14	#58781	Hydraulic actuator assy. – fixture wall	46	#08620	Tailpiece – 2-1/16"
	#57361	Hydraulic actuator assy. – side wall	47		Solid gasket
15		Mounting plate	48		Solid handle nut
16	#40291004	Securing nut	49	#08300	Vacuum breaker repair kit
17	#81403	Spring for large push button	50		Vacuum breaker tube (see page 23)
	#81404	Spring for small push button	51	#08529	Vacuum breaker tube nut
18		Escutcheon setscrew	52	#08622	1-1/2" Spud coupling assembly
19		Escutcheon for large push button		#08621	1-1/4" Spud coupling assembly
12-19	#40291007	Hydraulic metal PB – penal use		#40266125	3/4" Spud coupling assembly
	#40291008	Hydraulic large PB – side wall	53		Vacuum breaker tube
	#40291022	Hydraulic metal PB assy.	54		3/4" 90° Elbow
20	#40291009	Large push button	55		3/4" Horizontal tube
	#40291010	Small push button	56		Vacuum breaker tube (see page 51)
21		Spacer for large push button	57	#40800033	Coupling nut
22	#81999	Filter	58	#40261009	Spud friction washer
23	#08299	Handle repair kit	59	#40950008	Spud friction gasket
24		Push rod/filler rod (specify length)	60		90° Elbow
25	#08054	Handle nut	61		Spud nut
26		Adjusting nut	62		Flanged/scored horizontal tube
27		Sleeve/socket (specify length)	63	#40211324	Flat gasket
28	#40291014	Optional 1" metal push button		#40950135	Drip proof vinyl washer
29	#40291015	Wall escutcheon	64		Wheel handle screw
30		Handle	65		Wheel handle w/ screw
31		Optional 3" metal push button	66		Stop cap
32		Optional bell nut	67	#40291021	Wheel handle repair kit
33	#08337	Valve body cover - chrome	68		Stop body

AQUAFLUSH CLOSET RETRO KITS

Light Blue Diaphragm



- #08500**
4.5 GPF
CLOSET Retro Kit
For Old Style
- #08505**
1.6 GPF
CLOSET Retro Kit
Low Consumption
- #08297**
3.5 GPF
CLOSET Retro Kit

AQUAFLUSH URINAL RETRO KITS

Light Blue Diaphragm



- #08502**
3.0 GPF
URINAL Retro Kit
- #08506**
1.0 GPF
URINAL Retro Kit
Low Consumption
- #08298**
1.5 GPF
URINAL Retro Kit
- #08750**
0.5 GPF
URINAL Retro Kit
Low Consumption

AQUAVANTAGE CLOSET RETRO KITS

Dark Blue Diaphragm



- #08508**
4.5 GPF
CLOSET Retro Kit
For Old Style
- #08567**
1.6 GPF
CLOSET Retro Kit
Low Consumption
- #08583**
3.5 GPF
CLOSET Retro Kit

AQUAVANTAGE URINAL RETRO KITS

Dark Blue Diaphragm

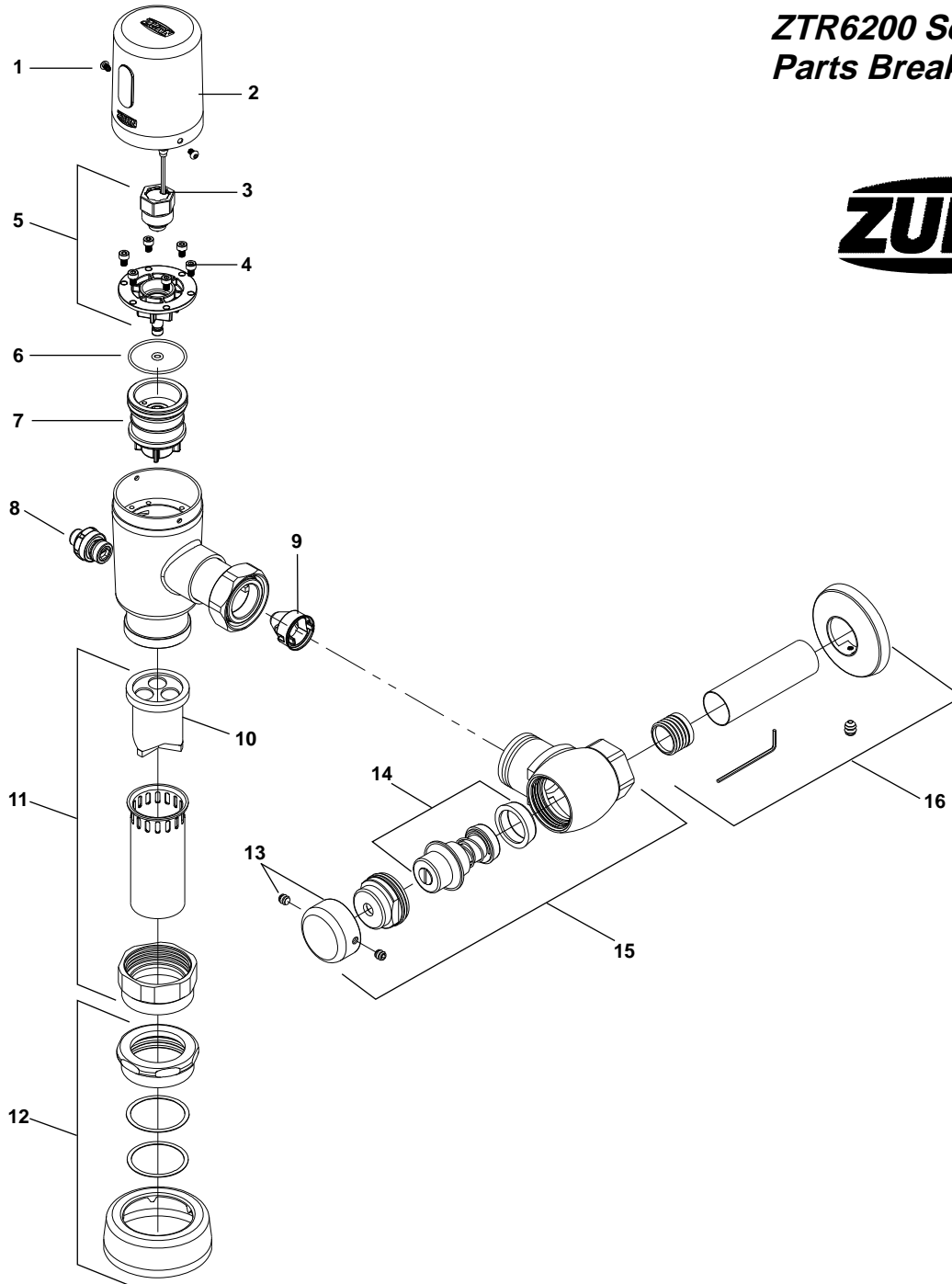


- #08522**
3.0 GPF
URINAL Retro Kit
- #08599**
1.0 GPF
URINAL Retro Kit
Low Consumption
- #08584**
1.5 GPF
URINAL Retro Kit
- #82036**
0.5 GPF
URINAL Retro Kit
Low Consumption



ZURN FLUSH VALVE

ZTR6200 Series Parts Breakdown

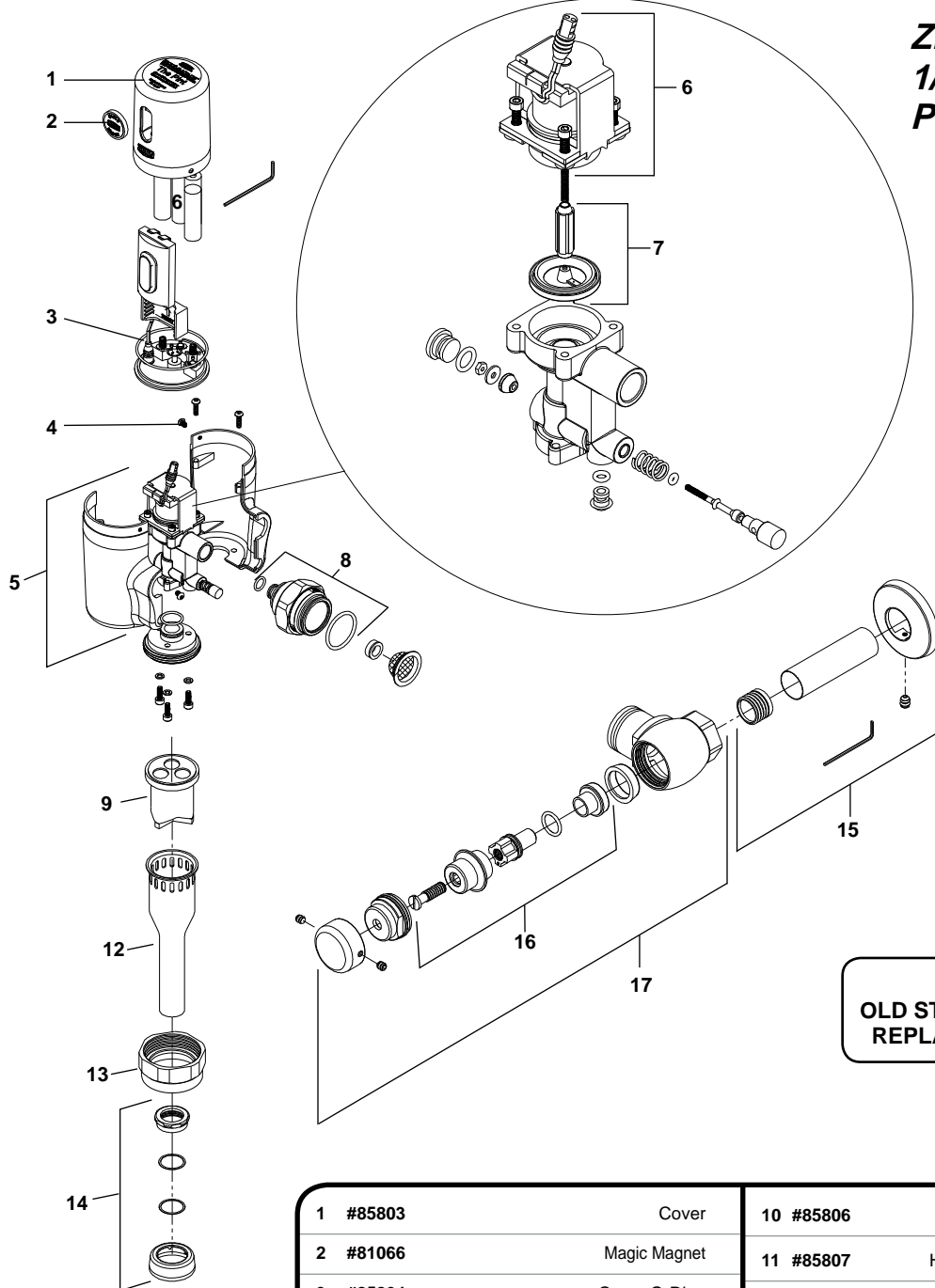


1 #85820	Cover Screw	8 #85815	Manual Override Button	13 #08849	Vandal-Resistant Control Stop Cover and Setscrew
2 #85810	1.28 GPF Valve Cap/Sensor Assembly	9 #85819	Filter	14 #08625	Stop Kit
#85811	1.6 GPF Valve Cap/Sensor Assembly	10 #08300	Vacuum Breaker Kit	15 #08870	1" Angle Stop Valve
3 Not sold separately	Solenoid	11 #08527	1-1/2 Vacuum Breaker Assembly	#08868	3/4" Angle Stop Valve
4 #85818	Piston Cover Screws	#08629	1-1/4 Vacuum Breaker Assembly	16 #81073	Sweat Kit & Escutcheon
5 #85813	Solenoid Kit	#08631	3/4 Vacuum Breaker Assembly	#85824	Sweat Solder Kit
6 #85817	Flange O-Rings	12 #08529	1-1/2 Coupling Assembly		
7 #85814	Piston Kit	#08622	1-1/4 Coupling Assembly		
		#08621	3/4 Coupling Assembly		



ZURN FLUSH VALVE

ZEG6003EV
1/8th Gallon Urinal
Parts Breakdown



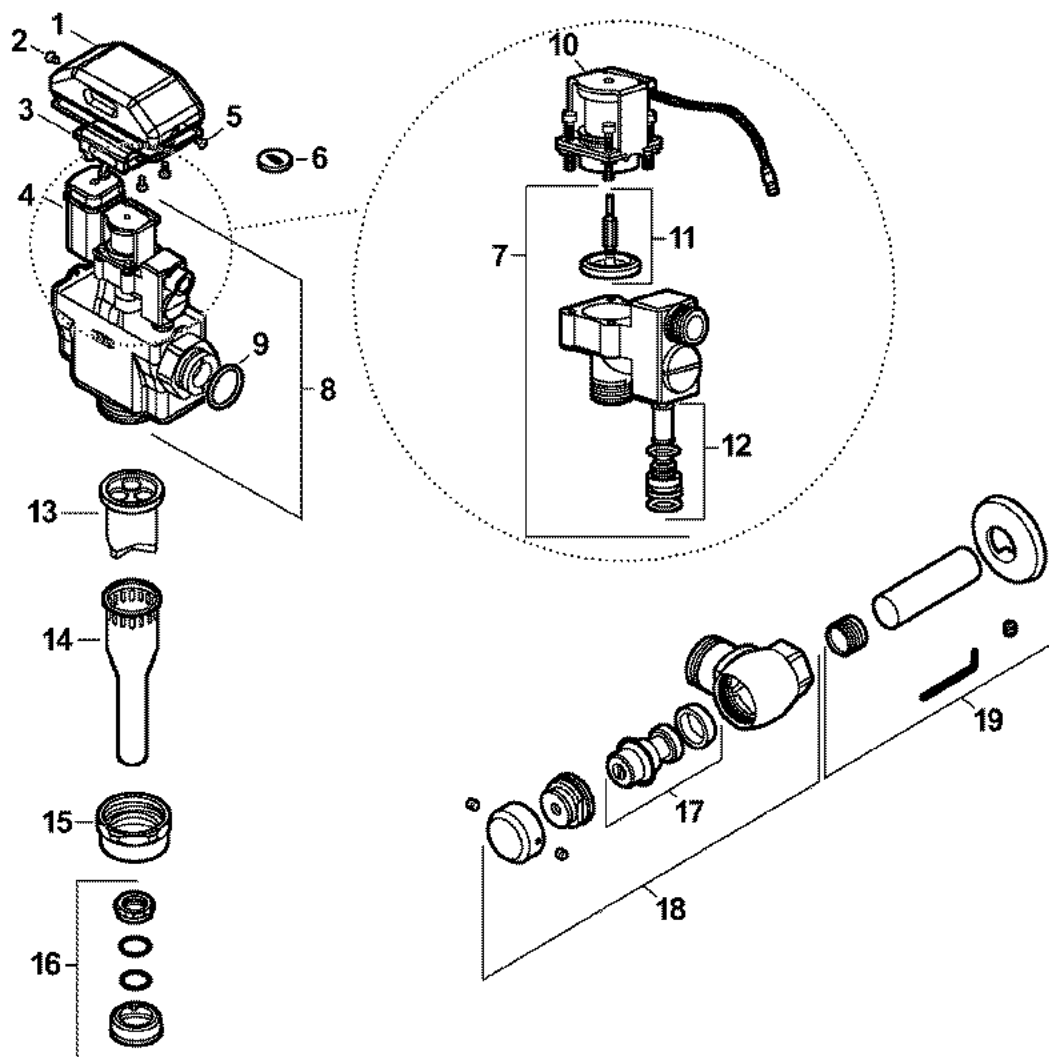
#81068
OLD STYLE HOUSING
REPLACEMENT KIT

1	#85803	Cover	10	#85806	G2 Filter Assembly
2	#81066	Magic Magnet	11	#85807	High Pressure VB Repair Kit
3	#85804	Cover O-Ring	12	#81074	Flush Tube Assy.
4	#81718	Cover Screw	13	#81070	VB Coupling Nut
5	#81067	G2 Housing Replacement Kit	14	#08621	Spud Coupling Assy 3/4"
6	#80889	Solenoid Replacement Kit	15	#81073	Sweat Kit and Escutcheon
7	#81716	Solenoid Repair Kit	16	#81071	Control Stop Repair Kit
8	#85805	G2 Tailpiece Assembly	17	#81072	Control Stop
9	#08300	Vacuum Breaker Repair Kit			



ZURN ECOVANTAGE

PINT URINAL FLUSH VALVE

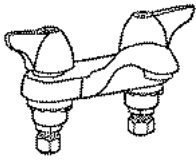


1	#81065	Replacement Cover with Electronics	11	#81716	Solenoid Repair Kit
2	#81718	Cover Screw (2)	12	#81717	Filter Replacement Kit
3	#81719	Electronics/Lens Assembly	13	#08300	Vacuum Breaker Repair Kit
4	#81721	Battery Tray	14	#81074	Flush Tube Assembly for Flush Valves 3/4 x 9
5	#81715	Cover O-Ring	15	#81070	Vacuum Breaker Nut/Coupling AV - CP
6	#81066	Magic Magnet	16	#08621	Spud Coupling Assembly - 3/4"
7	#81067	Solenoid Valve Body Replacement Kit	17	#81071	Control Stop Repair Kit
8	#81068	Housing Replacement Kit	18	#81072	Control Stop
9	#81069	Tailpiece O-Ring	19	#81073	Sweat Kit & Escutcheon - 3/4"
10	#80889	Solenoid Replacement Kit			



FAUCETS

CHICAGO
FAUCETS

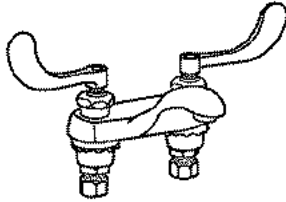


#55057 (802-V1000CP)

- 4" Centers
- 4" Spout
- Vandal Proof Aerator
- Vandal Proof Screws



CHICAGO
FAUCETS

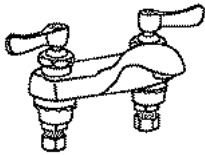


#05597 (802V-317CP)

- 4" Centers
- 4" Spout
- 4" Wrist Handles
- Vandal Proof Aerator



CHICAGO
FAUCETS

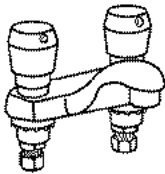


#55050 (802-VCP)

- 4" Centers
- 4" Spout
- Vandal Proof Aerator
- Vandal Proof Screws



CHICAGO
FAUCETS

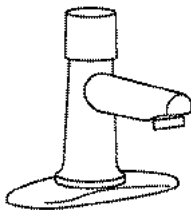


#55065 (802-V665CP)

- Metered Self-Closing
- 4" Centers
- 4" Spout
- Vandal Proof Aerator

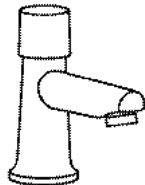


CHICAGO
FAUCETS



#84865 (3500-4E2805ABCP)

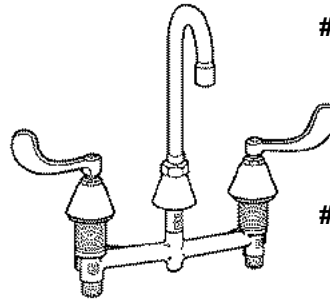
- Single Supply
- Metered Self-Closing
- 4" Centers
- 4" Spout
- Vandal Proof Aerator



#85535 (3501-4E2805ABCP)

- As at left, less baseplate

CHICAGO
FAUCETS



#05508 (785-CP)

- 8" Centers
- Concealed Fitting
- 4" Blade Handles
- 3-1/2" Rigid/Swing Gooseneck Spout (GN1A)



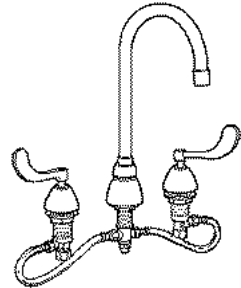
#59900 (786-E3CP)

- 8" Centers
- Concealed Fitting
- 4" Blade Handles
- 5-1/4" Rigid/Swing Gooseneck Spout (GN2A)

#55045 (786WCE3CP)

As right, but with 12" centers.

CHICAGO
FAUCETS

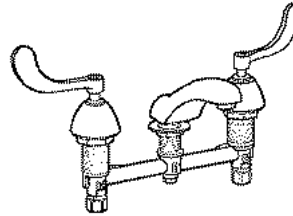


#55045 (786-HZGN2AE3-317CP)

- Fully adjustable, 6" - 26"
- 5-1/4" Rigid/Swing Gooseneck Spout (GN2A)
- 4" Blade Handles



CHICAGO
FAUCETS

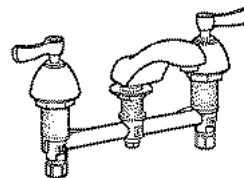


#05517 (404-317CP)

- 8" Centers
- 5" Spout
- 4" Wrist Handles



CHICAGO
FAUCETS

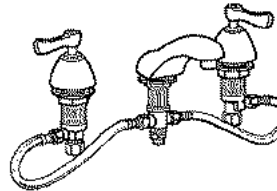


#55070 (404-CP)

- 8" Centers
- 5" Spout



CHICAGO
FAUCETS



#84333 (404-VHZCP)

- Fully adjustable, 6" - 26"
- 5" Cast Spout
- 2-3/8" Lever Handles



CHICAGO METERMIX DECK MOUNTED FAUCET

CHICAGO
FAUCETS

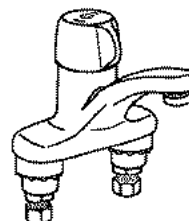


#82292 (420-CP)

- 4" Centers
- Extra Heavy Duty
- 4-5/8" Center to Center of Spout
- 1.5 GPM



CHICAGO
FAUCETS



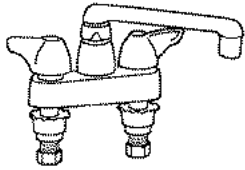
#56401 (3300-CP)

- 4-3/4" Integral Cast Spout
- Vandal Resistant Econo-Flo Spray Outlet
- Metal Handle With Integral Temperature Control
- 0.5 GPM Maximum Flow Rate
- Integral Check Valves and Filter Screens



FAUCETS

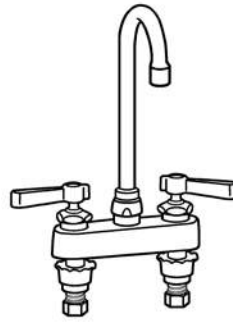
CHICAGO
FAUCETS



#51192 (1891-CP)

- 4" Centers
- 6" Spout
- 2.0 GPM aerator @80 PSI

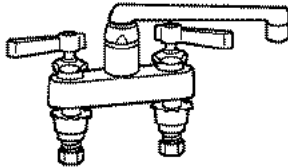
CHICAGO
FAUCETS



#55060 (895-CP)

- 4" Centers
- 3-1/2" Spout
- 2.0 GPM aerator @80 PSI
- 1/2" NPA male inlets

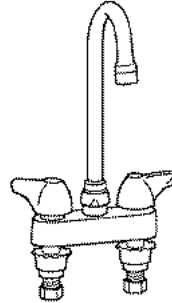
CHICAGO
FAUCETS



#55098 (891-CP)

- 4" Centers
- 6" Spout
- Deck mounted

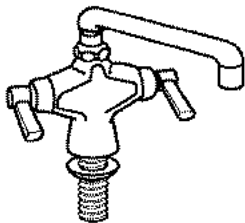
CHICAGO
FAUCETS



#51197

- 4" Centers (1895-CP)
- 3-1/2" Spout
- 2.0 GPM aerator @80 psi

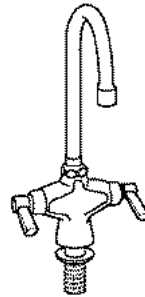
CHICAGO
FAUCETS



#51194 (51-CP)

- Single hole mount
- 6" Spout
- 3/8" Copper supply tubes
- 2.0 GPM aerator @80 PSI

CHICAGO
FAUCETS

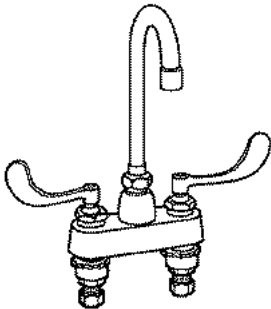


#51196 (50-CP)

- Single Hole Mount
- Gooseneck Spout
- 3/8" Copper Supply Tubes
- 2.0 GPM Aerator @80 PSI



CHICAGO
FAUCETS

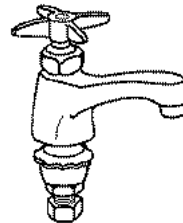


#55047 (895-317CP)

- 4" Centers
- 4" Blade Handle
- Gooseneck Spout



CHICAGO
FAUCETS

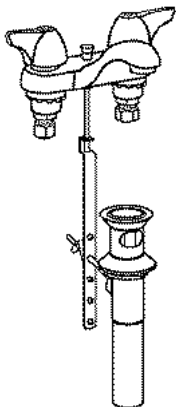


#51010 Hot

#51012 Cold

ALSO AVAILABLE IN SELF
CLOSING & METERING

CHICAGO
FAUCETS



#59094 (797-1000CP)

- 4" Centers
- 4" Spout
- With drain



CHICAGO
FAUCETS



#59723 (909AGVCP)

- CP Lab Hose Cock
- Air, Gas, & Vacuum Indexes included



FAUCET SHANK EXTENSION NIPPLES

#81447

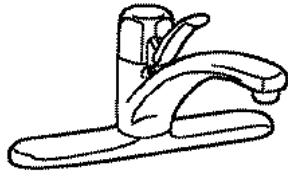


Counter top or sink too thick to connect your faucet? No problem! These extension nipples add an additional inch to the shank. They fit through the existing holes, so there is no modification required. Solid brass construction and an o-ring seal. No pipe dope required.



FAUCETS

**Top of the Line
Marathon!**



#58121 (2300-8CP)

- Kitchen faucet
- 8" Cover plate
- 3/8" O.D. copper inlet tubes
- 10" Spout
- 2.0 GPM aerator @80 PSI

#59824 (2301-8CP)

As above with spray

CHICAGO
FAUCETS



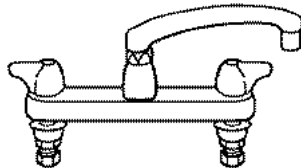
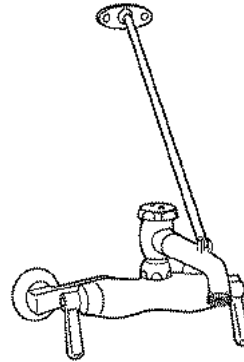
CHICAGO
FAUCETS



#55126 (445-897SRCXKCP)



- Chrome
- Vacuum breaker spout - 5"
- Integral stop arms w/ wall flange
- Pail hook with wall support
- 4" to 8-3/8" Adjustable centers



#51188 (1100-CP)

- 8" Centers
- 8" Spout

#51189 (1102-CP)

- With Spray

*Other spouts available
from stock*

CHICAGO
FAUCETS



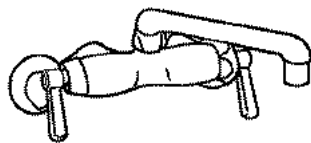
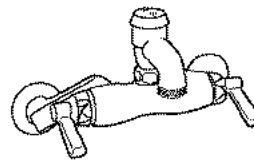
CHICAGO
FAUCETS



#55130 (305-VBRRCF)



- Vacuum breaker spout short
- 3/4" Hose thread outlet
- Pail hook
- Adjustable from 4" to 8-3/8" centers
- With integral stops



#51185 (445-CP)

- 4" to 8-3/8" Adjustable centers
- 6" Spout

*Other spouts available
from stock*

#50348

- As above *less spout*

CHICAGO
FAUCETS

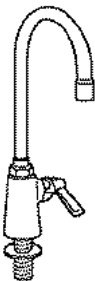
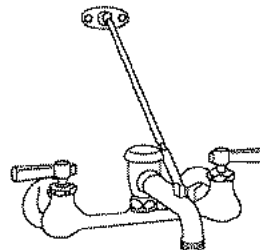


CHICAGO
FAUCETS



#55132 (540-LD897SWXFCP)

- Chrome Service Sink Faucet
- 8" Centers
- Vacuum Breaker Spout



#51195

- Single water inlet
- Uses 5-3/8" Gooseneck spout # 45460 (GN2A)
- 2.0 GPM aerator @80 PSI

*Other spouts available
from stock*

CHICAGO
FAUCETS

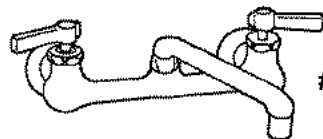
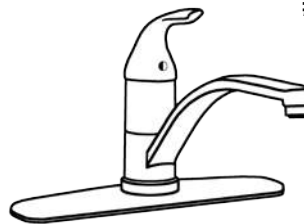


CHICAGO
FAUCETS



#85293 (431-ABCP)

- 8" Fixed Centers
- 1.5 GPM
- 1/2" NPSM Supply Inlets for 3/8" or 1/2" Flexible Riser
- Temperature Limiter
- 9-1/2" Center to Center Integral Cast Brass Spout



#55075 (540LDCP)

- 8" Centers
- 6" Spout

#50349

- 8" Centers
- Same as # 55075, less spout.

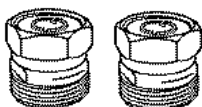
#55361

- 8" Centers
- 12" Spout

CHICAGO
FAUCETS



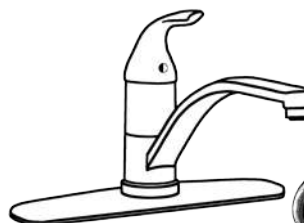
*Other
spouts
available
from
stock*



81911

**BACK MOUNT SINK
FAUCET ADAPTER KIT**

Use existing T&S, American Standard, CHG, and Fiat unions on sink to convert to new Chicago or Zurn Back Mount Faucets.



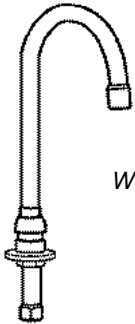
#85294

*Same as above
with hose*



FAUCETS

CHICAGO
FAUCETS

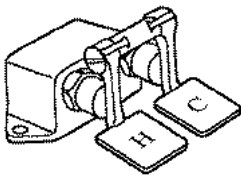


DECK MOUNTED SPOUT

#56291 (626-E3CP)

*With Aerator. Available with Flo Control Aerator
Used with Pedal Valves below*

CHICAGO
FAUCETS



#56308 (625-CP)

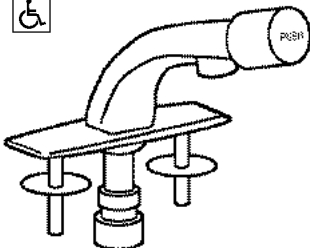
Floor Mount Double
Pedal Valve

- 1/2" Inlets x 3/8" Outlets
- Chrome plated

#57372 (625-RCF)

As above, rough chrome

CHICAGO
FAUCETS

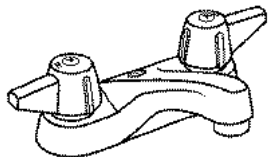


#57659 (857-E12-665)

- Metering faucet
- Self closing
- Push handle

*OPTIONAL MIXING VALVE
RECOMMENDED*

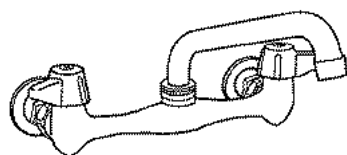
Central Brass



#83442 (1137A)

- 4" Lav faucet
- Chrome
- Less drain

Central Brass



#54136 (0047-UA)

- 8" wall mount faucet
- 6" swing spout
- 1/2-14 NPT female inlets

#83570 (0047-TA)

- 8" wall mount faucet
- 6" swing spout
- 1/2-14 NPT male shank with adjustable flange

Central Brass



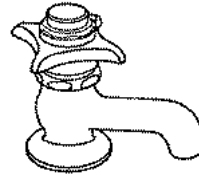
#82616 (239-H)

- Hot single lav faucet
- Chrome w/ cross handle

#82617 (239-C)

- Cold single lav faucet
- Chrome w/ cross handle

Central Brass



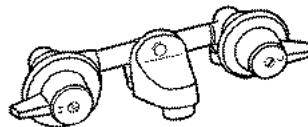
#59664 (255-H)

- Hot self closing basin faucet
- Chrome w/ cross handle

#59665 (255-C)

- Cold self closing basin faucet
- Chrome w/ cross handle

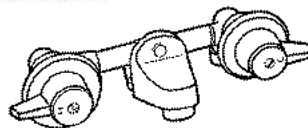
Central Brass



#57961

- Lever handles
- Ledgeback faucet
- With pop-up rod & drain
- 4"- 6" Centers

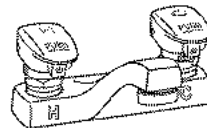
**UNION
BRASS**
MANUFACTURING COMPANY



#50899

- Lever handles
- Ledgeback faucet
- With pop-up rod & drain
- 6"-8" Centers

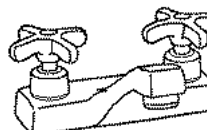
SPEAKMAN®



#83498 (S-4141-LD)

- 4" centers
- VP metering with easy push handles
- Also available in 8" centers

SPEAKMAN®



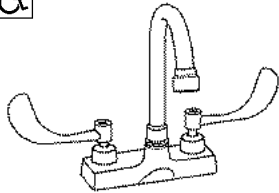
#83499 (SC-3071-LD)

- 4" centers
- 1/4 turn ceramic cartridges
- Color coded indexes
- Less drain



FAUCETS

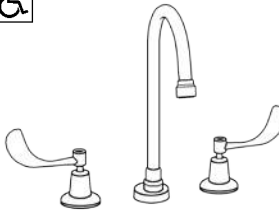
SPEAKMAN®



#83530 (SC-3084)

- 4" centers
- 4" wrist blade handles
- 1/4 turn ceramic cartridges
- 3-3/4" gooseneck spout

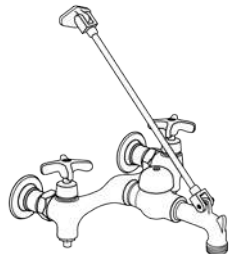
SPEAKMAN®



#83531 (SC-3004)

- 8" widespread
- 4" wrist blade handles
- 1/4 turn ceramic cartridges
- 5-1/4" gooseneck spout

SPEAKMAN®



#81880 (SC-5811-RCP)

- 8" back mount service sink faucet with brace
- Rough chrome finish
- 1/4 turn ceramic cartridges
- Vacuum breaker spout
- Integral stops

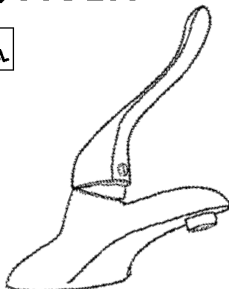
MOEN®



#83279 (8413)

- Single lever lav faucet
- Chrome

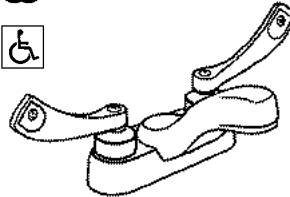
MOEN®



#11902 (8416)

- Single lever lav faucet
- Chrome

MOEN®



#83441 (8215)

- 4" CP lav faucet
- Wrist blade handles
- Chrome
- Less drain

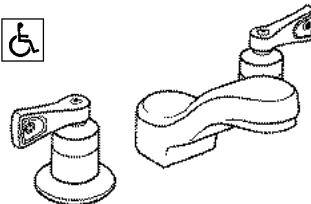
MOEN®



#83281 (8210V)

- 4" chrome lav faucet
- 1/2" IPS connections
- Vandal resistant aerator and screws
- 1/4 turn ceramic disc cartridge

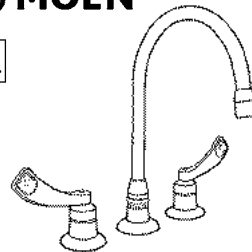
MOEN®



#83464

- 8" Widespread Faucet
- Lever Handles
- Chrome

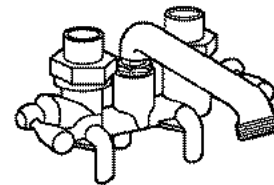
MOEN®



#84522 (8225)

- 8" Widespread Faucet
- Wrist blade handles
- Chrome

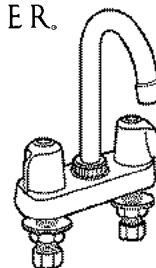
GERBER.



#50785

- Laundry Tray Faucet
- 1/2" I.P. Unions
- 3-3/8" Centers
- Rough Cast Brass

GERBER.

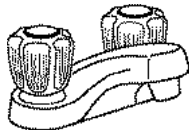


#53409

- Double bar faucet with renewable seats and stem and bonnet units
- 6" High
- 4" Spread gooseneck with aerator

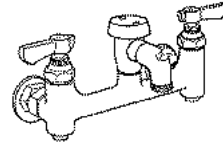


FAUCETS - BUDGET



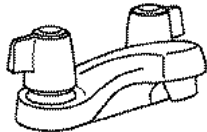
#54848 (Budget)

- Washerless
- 4" Centers
- Less drain
- Chrome
- Acrylic handles



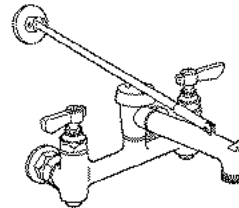
#54773 (Budget)

- Chrome service sink faucet
- 8" Centers
- Vacuum breaker spout
- Integral shut-offs



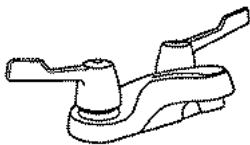
#54849 (Budget)

- Washerless
- 4" Centers
- Less drain
- Chrome
- Chrome handles



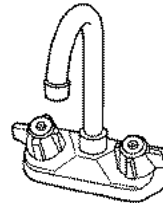
#54772 (Budget)

- Chrome service sink faucet
- 8" Centers
- Vacuum breaker spout w/brace
- Integral shut-offs



#54850 (Budget)

- Washerless
- 4" Centers
- Less drain
- Chrome
- 4" ADA handles



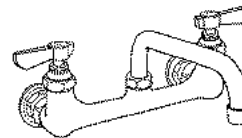
#54610 (Budget)

- Chrome hand sink faucet
- 4" Centers
- 3-1/2" Spout
- Back mount



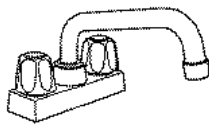
#54851 (Budget)

- Washerless
- 4" Centers
- Less drain
- Chrome
- Single lever



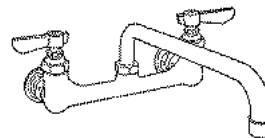
#54774 (Budget)

- Chrome sink faucet
- 8" Centers
- 8" Spout



#54866 (Budget)

- Compression stems
- 4" Centers
- Laundry tray faucet
- Tube spout



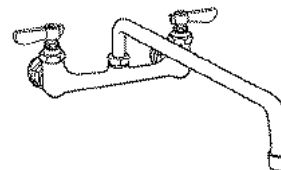
#54775 (Budget)

- Chrome sink faucet
- 8" Centers
- 12" Spout



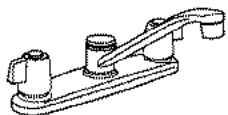
#54867 (Budget)

- Laundry tray faucet
- Tube Spout



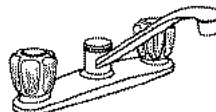
#54776 (Budget)

- Chrome sink faucet
- 8" Centers
- 18" Spout



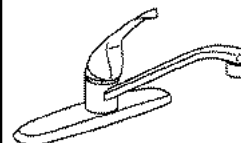
#54855 (Budget)

- Washerless
- 8" Centers
- Chrome
- Chrome Handles



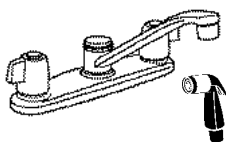
#54852 (Budget)

- Washerless
- 8" Centers
- Chrome
- Acrylic Handles



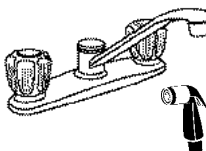
#54859 (Budget)

- Washerless
- 8" Centers
- Chrome
- Single Lever



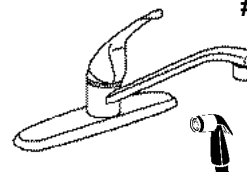
#54856 (Budget)

- Washerless
- 8" Centers
- Chrome
- Chrome Handles
- With Spray



#54853 (Budget)

- Washerless
- 8" Centers
- Chrome
- Acrylic Handles
- With Spray



#54860 (Budget)

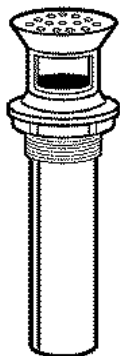
- Washerless
- 8" Centers
- Chrome
- Single Lever
- With Spray



LAV DRAINS

INSTITUTIONAL NON- REMOVABLE CHROME GRID STRAINER

**Heavy
Cast Brass!**



**A must
for every
commercial
lavatory!**

#04929

1-1/4" x 6"
17 Gauge tailpiece

**Most
Popular!**

#04929EC

Budget

#44789

1-1/2" x 6"
17 Gauge tailpiece

#59553

1-1/4" x 6"
3/8" Center Opening

#SP3615

1-1/4" x 6"
Less overflow holes

PUSH PULL LAVATORY DRAIN

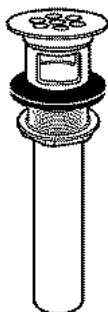


#44414 C.P. Brass

- No linkage to adjust or break
- Theft resistant stopper
- Trouble free for hotels, motels, and rental Property as well as for individual homes
- Push to close - pull to open
- Holds firm at any in-between position
- Replaceable drip proof Buna-N seal
- Designed to fit any lavatory with built-in overflow

#55255 CO Type - No overflow
Press Flow operation

**CHICAGO
FAUCETS**

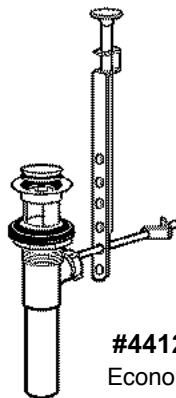


CHICAGO FAUCET GRID STRAINER

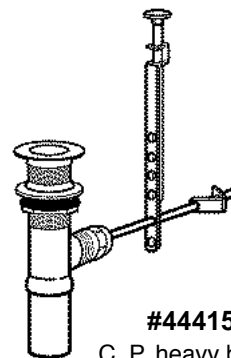
#SP8389 (327-XCP)

1-1/4" x 6"

POP-UP DRAIN ASSEMBLIES



#44128
Economy



#44415
C. P. heavy brass

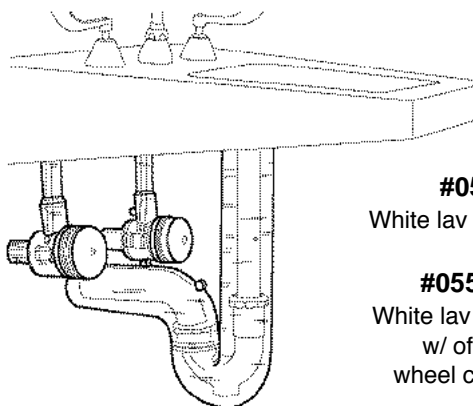


BEEHIVE GRID STRAINER

#54320

Debris will not clog drain

LAV INSULATION KITS



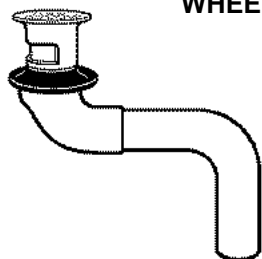
#05599
White lav insulation kit

#05599OS
White lav insulation kit
w/ offset for
wheel chair drain

WHEELCHAIR LAVATORY DRAIN

#05598

- Chrome brass perforated grid drain
- 4-1/2" offset
- 1-1/4" tailpiece

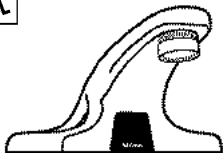


Other styles available. Call for assistance.



ELECTRONIC FAUCETS

SLOAN



- #55090 (EBF650)**
- 4" Lav faucet
 - Battery operated
 - CP brass
 - With backchecks

SLOAN



- #55115 (EBF85-4)**
- 4" Lav faucet
 - Battery operated
 - With backchecks

SLOAN



- #57130 (EAF150-ISM-IC)**
- With integral spout temperature mixer and **i.q.-Click** feature
 - Modular one-piece construction with all concealed components above deck.
 - Double infrared sensors with automatic setting feature and microprocessor
 - Low battery indicator
 - Includes 6 volt lithium 2cr5 commercial battery

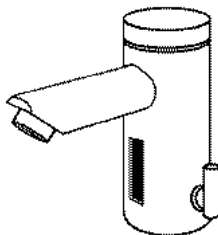
This single hole model features an integral temperature control lever which allows the user to adjust the water temperature. The **i.q.-Click** feature allows the user to place the faucet into optional function modes, including "continuous run" and "temporary off" simply by pressing a button on the spout.

Also available with 4" trim plate (#58166) or 8" trim plate (#57131)

OPTIMA SOLAR POWERED FAUCET

Bringing Intelligence to Water

SLOAN



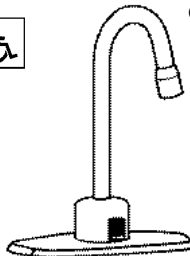
- #58112 (EAF-275)**
- Single supply faucet
 - For pre-mixed water only
- #58114 (EAF-275-ISM)**
- With integral spout temperature mixer
 - For hot and cold water supply connection
- ACCESSORIES**
- 2.2 GPM/spray head
 - 2.2 GPM/Laminar flow spray head

The new Sloan Optima Solar Powered, Sensor Activated Electronic hand washing faucet is designed for pre-tempered or hot and cold water operation. The unique "Solar Energy Module" utilizes any light source efficiently, by means of a dual infrared sensor and microprocessor based logic. It delivers optimal performance any place, and time... in sunlight or even artificial light. It carries a three-year warranty and is ADA compliant.

Also available with 4" trim plate (#62003) or 8" trim plate (#52154)

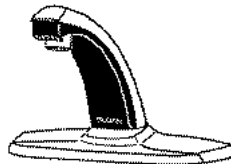
SLOAN

BATTERY POWERED, SENSOR ACTIVATED GOOSENECK HANDWASHING FAUCET.



- #53872 (EBF-750-4)**
- 4" Trim plate
- #53871 (EBF-750-8)**
- 8" Trim plate
- # 53870 (EBF-750-A)**
- Less trim plate

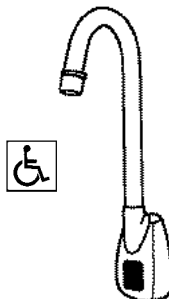
SLOAN



- #55116 (EBF85-8)**
- 8" Lav faucet
 - Battery operated
 - With backchecks

SLOAN

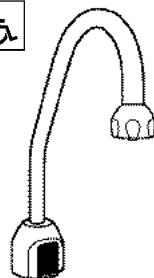
#55152 (EBF550)



- Sensor range adjustment screw
- Low battery LED indicator light
- User friendly variable time out settings
- Vandal resistant spray head with pressure compensating flow control

This model is a back mounted, battery powered, sensor operated, electronic gooseneck, hand washing faucet for tempered or hot/cold water operation.

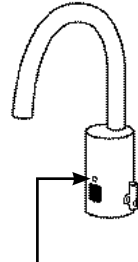
SLOAN



- #82789 (EBF-750-S-H)**
- With shower spray head
 - Surgical bend, gooseneck spout
 - Battery operated

This model is a deck mounted, battery powered, sensor activated, gooseneck hand washing faucet with Laminar flow spray head.

SLOAN



- #84065 (EAF750-ISM)**
- Gooseneck faucet
 - 6V lithium battery operated
 - 1.5 GPM Laminar Flow (*Aerated flow available on request.*)
 - Side mixer

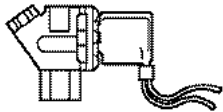
Trim Plate Options:

- #81963** 4"
- #83827** 8"

The **i.q.-Click** feature allows the user to place the faucet into optional function modes, including "continuous run" and "temporary off" simply by pressing a button on the spout. The use of the **i.q.-Click** feature is recommended only in installations where users have a regular familiarity with the faucet.

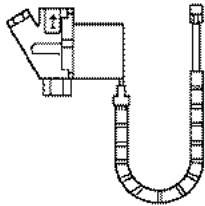


ELECTRONIC FAUCET PARTS



#51804 (ETF1004A)
SOLENOID VALVE ASSEMBLY

For Optima Faucet models ELF10 ESF20, ESF30

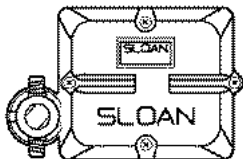


#08367 (ETF370A)
SOLENOID VALVE ASSEMBLY

For Optima Faucet ETF series

OLD STYLE CONTROL MODULE

Uses Four "C" Batteries



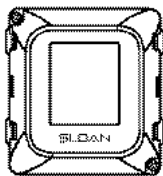
#54325 (EBF60A)
Control Module Assembly
With Solenoid Body &
Five Pin Connector

#08578 (EBF1004A)
Solenoid Filter
Replacement Kit

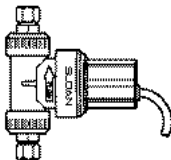
#54335 (EBF1011A)
For Replacement
Solenoid Only

NEW STYLE CONTROL MODULE

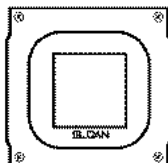
#81785 (ETF-735A)



- Since July 2008
- For Optima EBF 600 Series
- Uses four AA batteries
- Uses phone jack
- Old and new style are NOT interchangeable

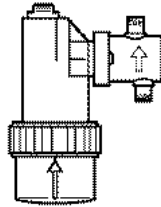


#81784 (ETF740A)
SOLENOID ASSEMBLY

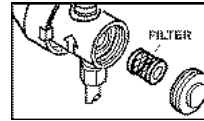


#08462 (ETF450A)
CONTROL MODULE ASSEMBLY

For Optima Faucet ETF series



#54003 (EBF11A)
Solenoid Valve
Module Assembly



#08578 (EBF1004A)
Solenoid Filter Replacement Kit
For Current Solenoid
5/8" Dia Filter

#08580 (EBF1001A)
Solenoid Filter Replacement Kit
For Old Solenoid
7/8" Dia Filter
For Optima Faucet EBF-85

OPTIMA FAUCET SPOUT AND SENSOR ASSY.

SLOAN



#53814 (EBF10A)

- Used with sensor activated lavatory faucets **#55115** and **#55116 (EBF85)**
- Battery powered
- Furnished with a black plastic throat plate

OPTIMA FAUCET SENSOR REPLACEMENT KIT

SLOAN

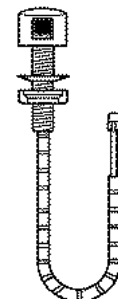


#57970 (EBF80A)

- OLD STYLE - before July '08
- Used on faucet **#55090**

#81783 (ETF749A)

- NEW STYLE - After July '08
- Used on faucet **#55090**
- Uses phone jack connector



#52857 (EL3500A)
**NEW STYLE
MICROPHONE SENSOR**

Must be used with
Optima faucet module **# 8462 (ETF-450-A)**

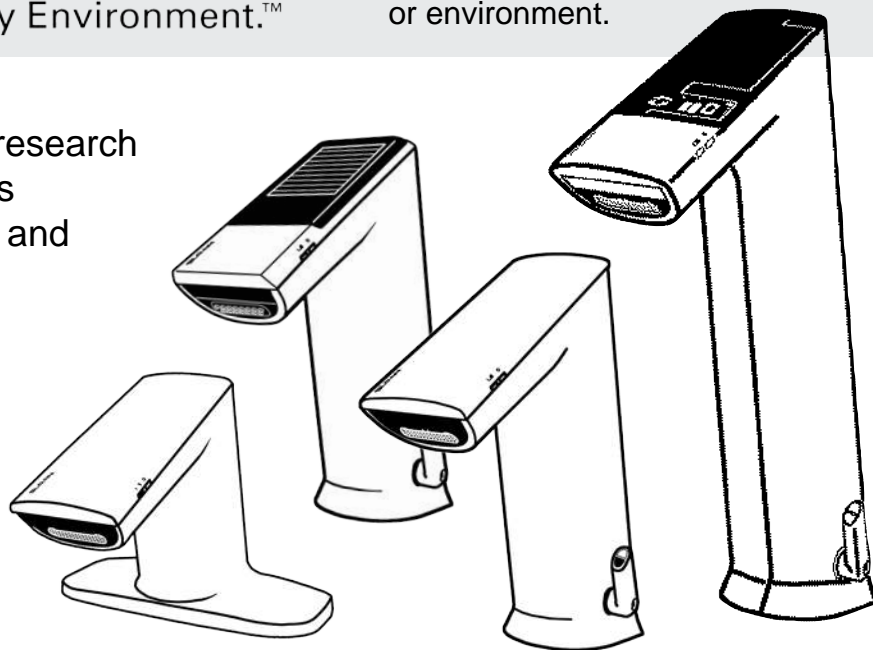


BASYS™ SLOAN®

Any Application. Any Environment.™

Basys offers a modular platform of body types, features and components to meet the needs of any application or environment.

Informed by in-depth research and backed by Sloan's century of experience and proven technologies, Basys offers a modular platform of body types, features and components to meet the needs of any application or environment.



Featuring state-of-the-art options and variable flow rates



User Feedback

Undercut Spout

Integrated Side Mixer

0.50 gpm
Multi-laminar Spray

1.5 gpm
Full Stream Aerated

1.5 gpm
Full Stream Laminar

Multiple Body Types



Low Profile



Low Profile w/ Base



Mid Profile



High Profile

**Many more features available upon request. Please call for assistance.
Ask about our Solar options.**



LOW - PROFILE BASYS FAUCETS



#83842

(EFX 650-000-0000 CP)

- Body Type: Low, Integrated base
- No Mix, Single supply
- Sensing: Active Infrared (AIR)
- Bowed Crown
- 0.50 GPM Spray

#85533

(EFX 650-002-0000 CP)

(same as #83842 above)

- 1.5 GPM Laminar Stream



#85532

(EFX 675-000-0000 CP)

- Body Type: Low, Integrated base
- Solar Powered
- No Mix, Single supply
- Sensing: Active Infrared (AIR)
- Solar Crown
- 0.50 GPM Spray

#85681

(EFX 675-002-0000 CP)

(same as #85532 above)

- 1.5 GPM Laminar Stream



#85571

(EFX 350-000-0000 CP)

- Body Type: Low, Single Hole
- No Mix, Single supply
- Sensing: Active Infrared (AIR)
- Bowed Crown
- 0.50 GPM Spray

#84681

(EFX 350-002-0000 CP)

(same as #85571 above)

- 1.5 GPM Laminar Stream

#83846

(EFX 350-010-0000 CP)

(same as #85571 above)

- Sensing: Capacitance
- 1.5 GPM Laminar Stream



#85683

(EFX 350-502-0000 CP)

- Body Type: Low, Single Hole
- Integral Side Mixer
- Sensing: Active Infrared (AIR)
- Bowed Crown
- 1.5 GPM Laminar Stream

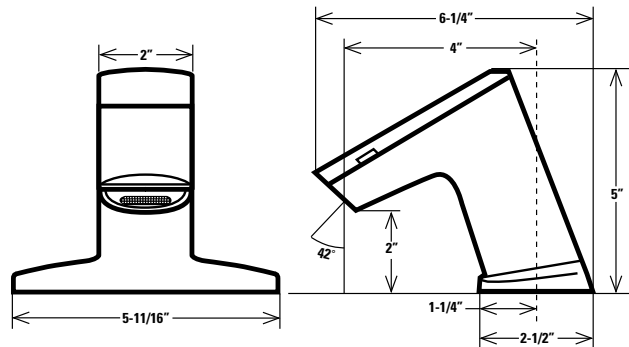
LOW PROFILE W/ INTEGRATED BASE

Extra Tough

Ideal for the most demanding high-use environments. The integrated base offers added durability via two attachment points. The capacitance model is especially robust.

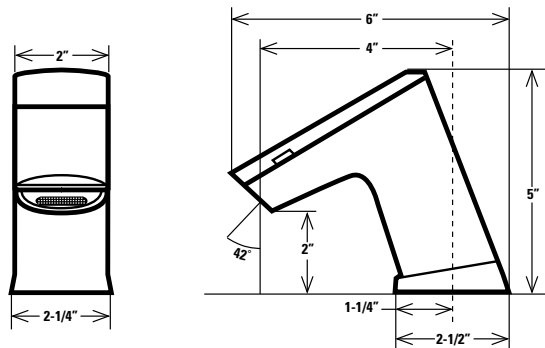
Ideal for:

Demanding environments with intense use, high traffic or high potential for abuse

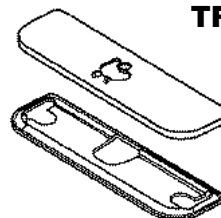


LOW PROFILE - SINGLE HOLE

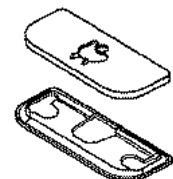
The modest profile minimizes the potential for vandalism, making this body type ideal for high-use, low-security environments. For extra assurance against damage, opt for the capacitance model



TRIM PLATES



#84116
8" Centerset Sink



#84117
4" Centerset Sink



MID - PROFILE BASYS FAUCETS



#84867

(EFX 250-000-0000 CP)

- Body Type: Mid Profile
- No Mix, Single supply
- Sensing: Active Infrared (AIR)
- Bowed Crown
- 0.50 GPM Spray

#84673

(EFX 250-002-0000 CP)

- (same as #84867 above)
- 1.5 GPM Laminar Stream



#85083

(EFX 250-500-0000 CP)

- Body Type: Mid Profile
- Integral Side Mixer
- Sensing: Active Infrared (AIR)
- Bowed Crown
- 0.50 GPM Spray



#85568

(EFX 275-002-0000 CP)

- Body Type: Mid Profile
- Solar Powered
- No Mix, Single supply
- Sensing: Active Infrared (AIR)
- Solar Crown
- 1.5 GPM Laminar Stream



#84476

(EFX 277-500-0000 CP)

- Body Type: Mid Profile
- Solar Powered
- Integral Side Mixer
- Sensing: Active Infrared (AIR)
- Solar Crown
- 0.50 GPM Spray

#83845

(EFX 275-502-0000 CP)

- (same as #84476 above)
- 1.5 GPM Laminar Stream

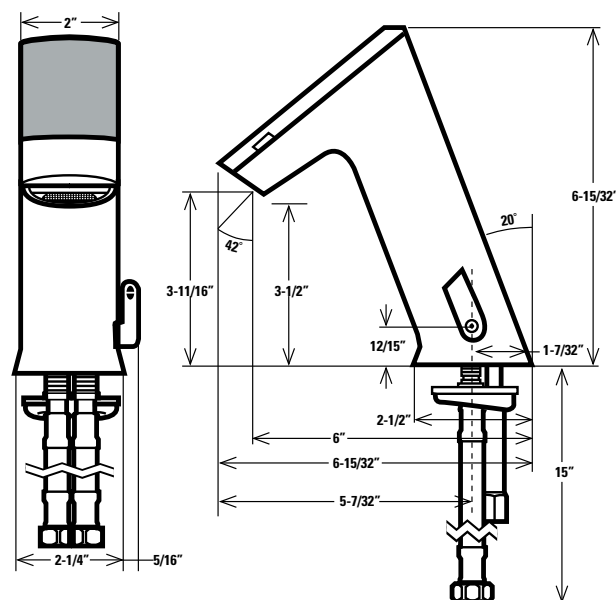
MID-PROFILE W/ DISPLAY

Well Adjusted

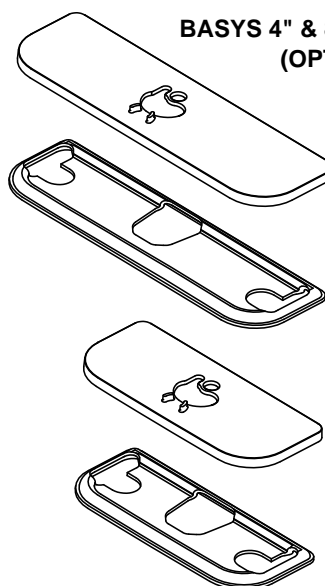
This model provides optimal height and proportions for effective hand washing, making it well-suited for most restroom environments.

Ideal for:

Basic use, moderate traffic



BASYS 4" & 8" BASE PLATES (OPTIONAL)



#84116

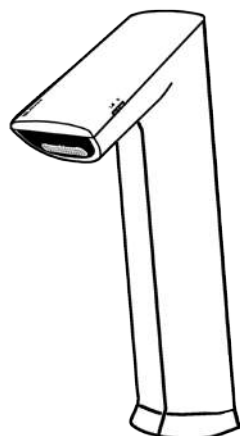
- 8-inch Base Plate

#84117

- 4-inch Base Plate



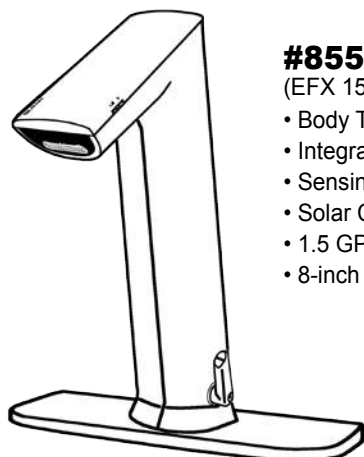
HIGH - PROFILE BASYS FAUCETS



#83843

(EFX 150-000-0000 CP)

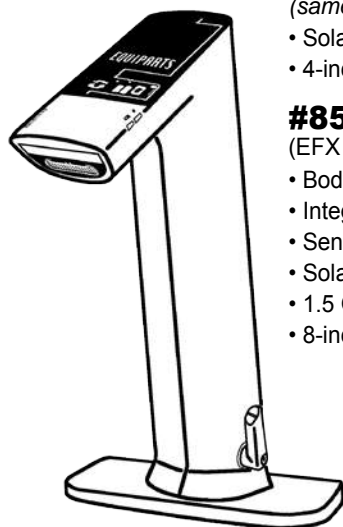
- Body Type: High Profile
- No Mix, Single supply
- Sensing: Active Infrared (AIR)
- Bowed Crown
- 0.50 GPM Spray



#85530

(EFX 150-002-0200 CP)

- Body Type: High Profile
- Integral Side Mixer
- Sensing: Active Infrared (AIR)
- Solar Crown
- 1.5 GPM Laminar Stream
- 8-inch Base Plate



#83844 (SHOWN)

(EFX 177-502-0100 CP)

(same as #85531 above)

- Solar Crown with Display
- 4-inch Base Plate

#85531

(EFX 175-502-0200 CP)

- Body Type: High Profile
- Integral Side Mixer
- Sensing: Active Infrared (AIR)
- Solar Crown
- 1.5 GPM Spray
- 8-inch Base Plate

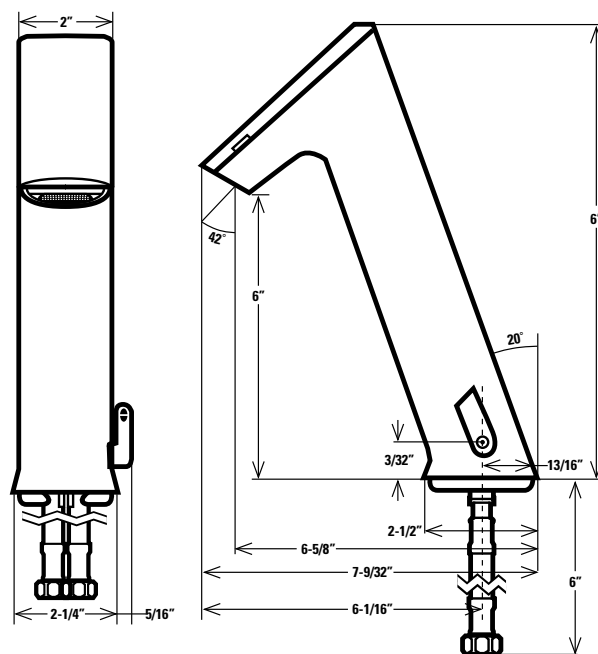
HIGH-PROFILE W/ DISPLAY

Room to Spare

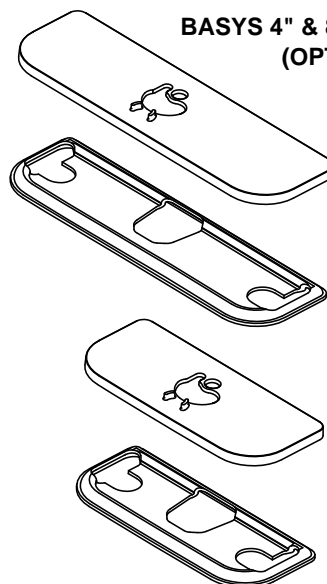
The tall profile offers a distinct aesthetic as well as an optimized delivery angle that permits a greater wash area. Users can scrub past their forearms if desired.

Ideal for:

Professional hygiene requirements, vessel sink applications



BASYS 4" & 8" BASE PLATES (OPTIONAL)



#84116

- 8-inch Base Plate

#84117

- 4-inch Base Plate



CREATING YOUR CUSTOM-BUILT BASYS FAUCET

EFX		X	X	-	X	0	X	-	0	X	X	X
	Body Type	Power	Crown	-	Mix	Sensing	Flow Rate	-	Battery Type	Base Plate	Adapters	Drain Pop-up
0	—	<input type="checkbox"/> Hard Wired	<input type="checkbox"/> Std.	-	<input type="checkbox"/> None	Active IR	<input type="checkbox"/> 0.5 gpm Multi-Lam	-	Alkaline	<input type="checkbox"/> None	<input type="checkbox"/> None	<input type="checkbox"/> No
1	High	—	—	-	Below Deck Mechanical	Capacitance	<input type="checkbox"/> 1.5 gpm Aerated	-	—	<input type="checkbox"/> 4"	<input type="checkbox"/> Plug-in	<input type="checkbox"/> Yes
2	Mid	—	—	-	Below Deck Thermostatic	—	<input type="checkbox"/> 1.5 gpm Laminar	-	—	<input type="checkbox"/> 8"	<input type="checkbox"/> Plug-in UK	—
3	Low	—	—	-	—	—	—	-	—	—	<input type="checkbox"/> Plug-in EU	—
4	—	—	—	-	—	—	—	-	—	—	<input type="checkbox"/> Box Mount	—
5	—	<input type="checkbox"/> Battery	<input type="checkbox"/> Solar	-	<input type="checkbox"/> Integral Slide Mixer	—	—	-	—	—	—	—
6	Integral Base	—	<input type="checkbox"/> LCD	-	—	—	—	-	—	—	—	—
7	—	<input type="checkbox"/> Solar	<input type="checkbox"/> LCD Solar	-	—	—	—	-	—	—	—	—

TROUBLESHOOTING AND MAINTAINING BASYS FAUCETS

1. RED LED IN SPOUT DOES NOT BLINK 2 SEC AFTER BATTERY INSTALLATION.

- Battery placement incorrect or batteries have been discharged.
- Ensure batteries are installed properly. Check the orientation of each battery matches the positive (+) and negative (-) symbols shown on the battery compartment.

2. FAUCET DOES NOT FUNCTION.

- Adhesive packaging label affixed over sensor eye.
- Remove adhesive label from sensor eye.

3. FAUCET DELIVERS WATER IN AN UNCONTROLLED MANNER.

- Check strainer for clogging.
- Clean sensor window; if problem persists, call I.P.S. Tech Support: (877) 477-2930.
- Check Solenoid.

4. FAUCET DOES NOT DELIVER ANY WATER WHEN SENSOR IS ACTIVATED.

INDICATOR: Solenoid valve produces an audible "CLICK".

- Water supply stop(s) closed. Open water supply stop(s).
- Strainer is clogged. Remove, clean, and reinstall strainer. Replace strainer, #84105.

5. SOLENOID VALVE DOES NOT PRODUCE AN AUDIBLE "CLICK".

- Batteries low (battery powered models). Replace batteries (order #32737.)
- Power failure (hardwire models). Check power supply.

6. FAUCET DELIVERS ONLY A SLOW FLOW OR DRIBBLE WHEN SENSOR IS ACTIVATED.

- Water supply stop(s) are partially closed. Completely open water supply stop(s).

7. FAUCET DOES NOT STOP DELIVERING WATER OR CONTINUES TO DRIP AFTER USER IS NO LONGER DETECTED.

- Check Solenoid.
- Clean sensor window; if problem persists, call TMS-I.P.S. Tech Support: (877) 477-2930.

8. LED INDICATOR BLINKS RED WHEN FAUCET IS IN USE.

- Batteries low (battery powered models).
- Replace batteries (order #32737.)

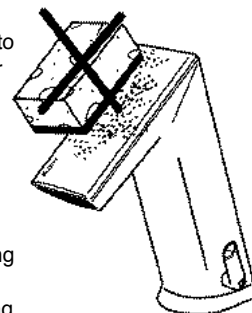
9. ~~COLD WATER FLOW FROM SPOUT CONNECTED TO HOT AND COLD WATER SUPPLY LINES.~~

- Supply stops are not adjusted properly. Adjust supply stops.
- For models with integral side mixing valve—Mixing valve is set improperly for the water temperature desired. Rotate mixing valve handle clockwise to decrease water temperature or counterclockwise to increase water temperature.
- Inadequate hot water supply. Adjust supply stops.

Care and Cleaning

DO NOT USE abrasive or chemical cleaners (including chlorine bleach) to clean faucets that may dull the luster and attack the chrome or special decorative finishes. Use ONLY mild soap and water, then wipe dry with clean cloth or towel.

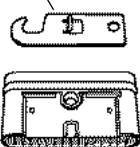
While cleaning the bathroom sink, protect the faucet from any splattering of cleaner. Acids and cleaning fluids will discolor or remove chrome plating.



AERATORS

84766

Key only



NOTE: IF CHANGING FROM .5 TO 1.5 OR 1.5 TO .5, YOU MUST REPLACE THE SOLENOID CADDY.

#84100

0.5 gpm **Multi-Lam Spray** Head
Includes Insert, O-Ring, 2.5 mm Allen Key, and Removal Key

#84101

1.5 gpm **Aerated Stream** Insert
Includes Insert, O-Ring, 2.5 mm Allen Key, and Removal Key

#84102

1.5 gpm **Laminar Stream** Insert
Includes Insert, O-Ring, 2.5 mm Allen Key, and Removal Key

CADDY ASSEMBLIES

NOTE: YOUR SOLENOID CADDY MUST MATCH YOUR AERATOR FLOW RATE.



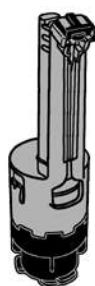
For Low Profile Faucets

#84103

0.5 gpm Solenoid Green

#84104

1.5 gpm Solenoid Blue



For Medium Profile Faucets

#84741

0.5 gpm Solenoid Green

#84742

1.5 gpm Solenoid Blue



For High Profile Faucets

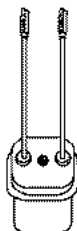
#84743

0.5 gpm Solenoid Green

#84744

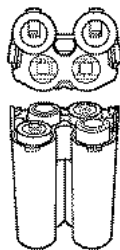
1.5 gpm Solenoid Blue

BATTERY HOLDERS



#84106

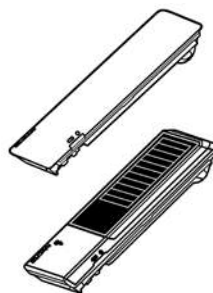
Battery Pack
Uses 4 AA batteries
For Low Profile Faucets



#84740

Battery Pack
Uses 4 AA batteries
For Med. & High Profile Faucets

CROWN ASSEMBLIES



#84107

Bowed Crown Assembly

#84108

Solar Crown Assembly

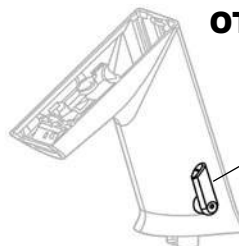
#84109

Solar Crown with LCD Assembly

#84110

LCD Crown Assembly

OTHER PARTS



#84111

Mixer Handle Assembly



#84112

Handle Cap



#84105

Strainer (Filter)
Sold in packs of 10



#84115

13" Flexible Supply Hose
Sold Individually

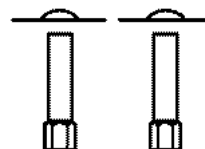
FAUCET MOUNTING KITS



#84113

For Single Hole Pedestal Model Only

Kit includes threaded rod, extended nut, o-ring, rubber washer, and c-clip.

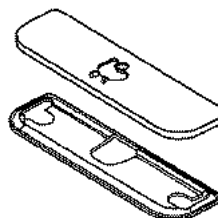


#84114

For Integrated 4" Base Model Only

Kit includes 2 threaded rods, 2 extended nuts, 2 rubber washers, 2 metal washer and 4" center rubber plate.

TRIM PLATES



#84116

For 8" Centerset Sink



#84117

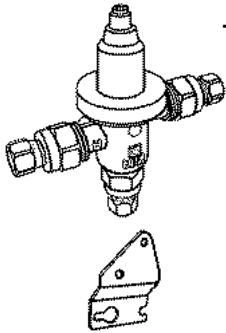
Trim Plate for 4" Centerset Sink



THERMOSTATIC MIXING VALVES

Bradley

#82302 NAVIGATOR® THERMOSTATIC MIXING VALVE

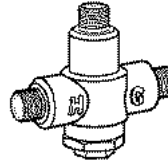


- 1/2" IPS or 3/8" Compression fittings
- Optional bracket neatly mounts securely to wall
- Maintenance friendly

#82302BRKT BRACKET ONLY

POWERS
A WATTS INDUSTRIES CO.

#54621 UNDER THE COUNTER THERMOSTATIC TEMPERING VALVE



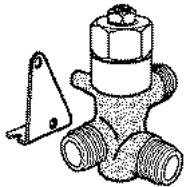
- Adjustable temperature with lock nut to prevent tampering.
- 3/8" compression connections.

AN IDEAL SOLUTION FOR:

- Electronic Faucets
- Metering Faucets
- Two Handle Mixers

Bradley

#81653 THERMOSTATIC MIXING VALVE WITH WALL MOUNTING BRACKET



- 1/2" IPS Inlets & outlets
- Under sink installation

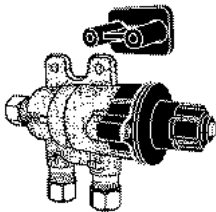
**CHICAGO
FAUCETS**

THERMOSTATIC MIXING VALVES

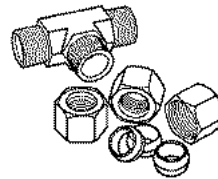
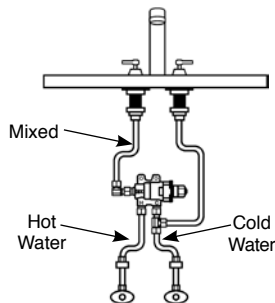
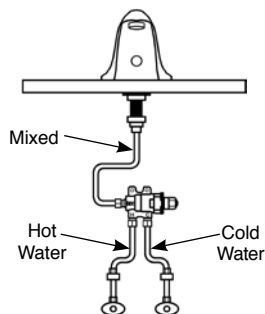
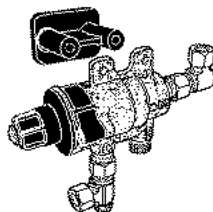
The 131 series 3/8" (10mm) compression fitting thermostatic mixing valves maintain and limit hot water to a desired selectable temperature between 80°F and 120°F. Incorporates dual check valves to protect against cross-flow and integral screen to filter out debris.

A thermostatic mixing valve is intended for under-sink installation to control the hot water temperature and prevent accidental scalding. The water temperature must be adjusted by the installer using a thermometer to measure the hot water temperature at the faucet outlet. Maximum temperature of 110°F is recommended.

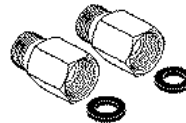
#83552 (131-NF)



#83553 (131-CNF)

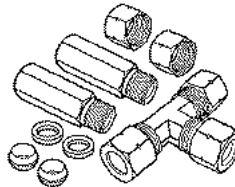


56794 IN-LINE CHECK VALVE



#80225 IN-LINE CHECK VALVE

3/8" Female Compression x
3/8" Male Compression



ZURN

#56752 FAUCET MIXING TEE WITH FILTERS AND BACKCHECKS

SUPPLY LINES

3/8" Female Compression to
3/8" Female Compression

#40800258 12"

#40800256 16"

#56720 20"

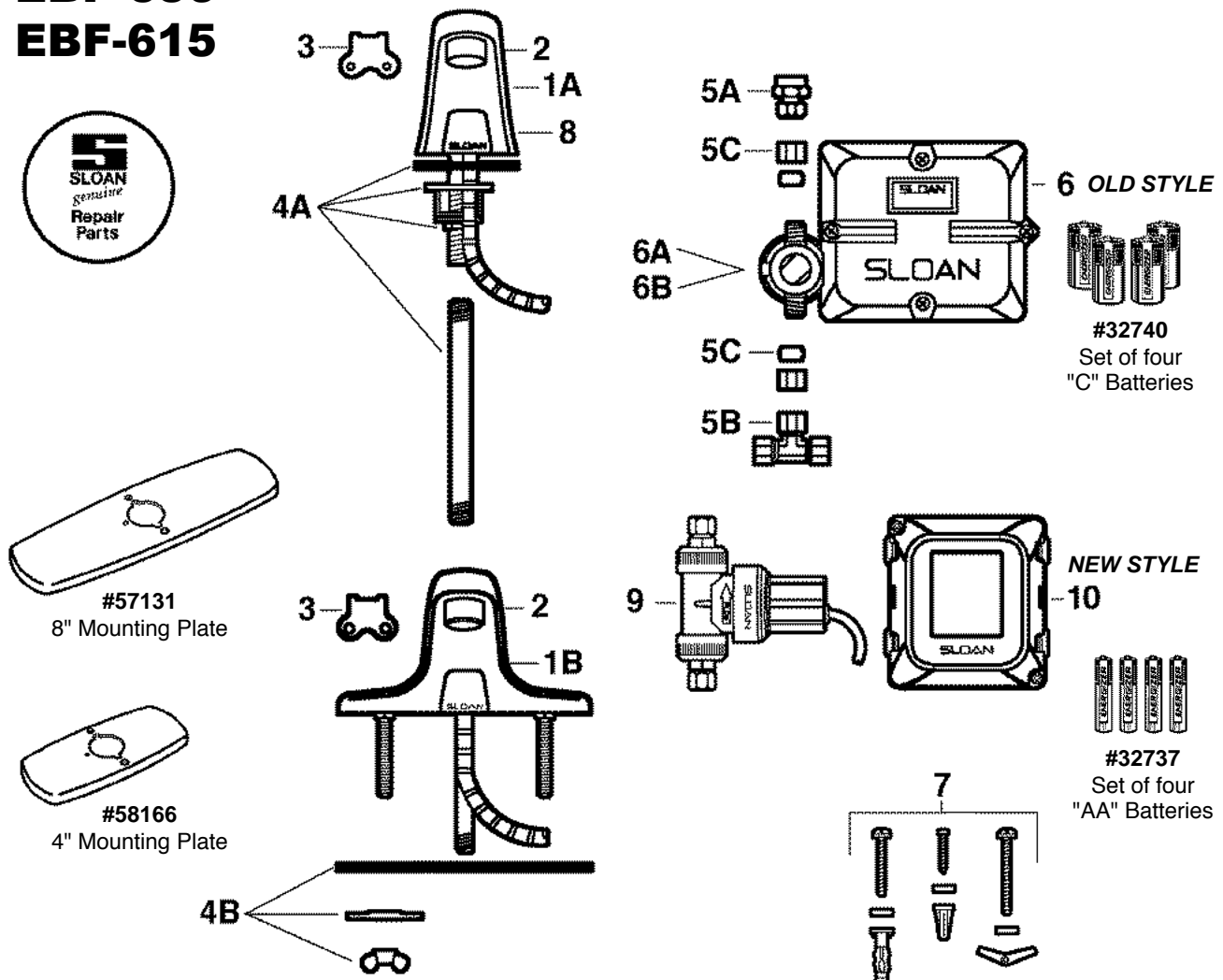
For other sizes, see page 109

WE CARRY MIXING VALVES AND PARTS FOR THE FOLLOWING BRANDS:



ELECTRONIC FAUCET PARTS

EBF-650 EBF-615

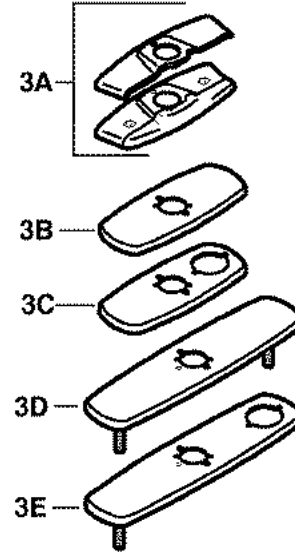
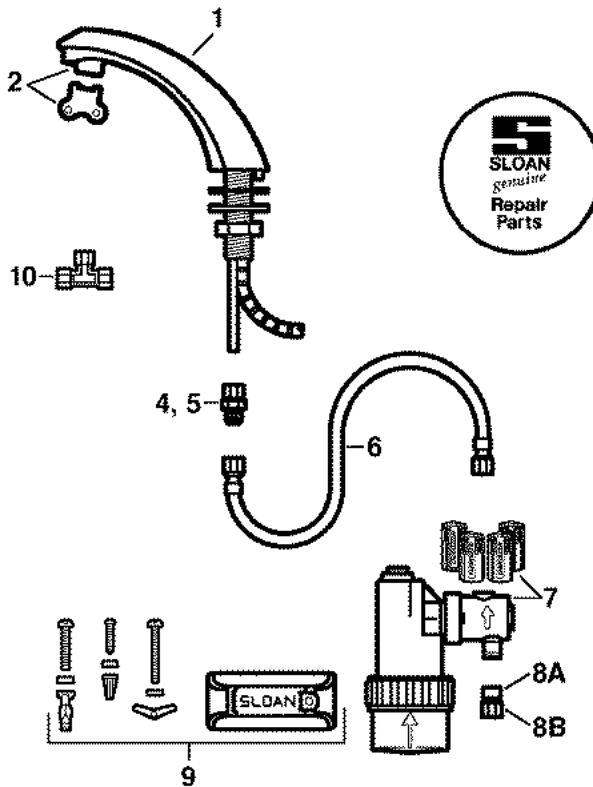


1A	#54700	Pedestal Faucet Spout & Faucet& Sensor Assembly (EBF-615)	6	#54325	Old Style Control Module Assembly Uses Four "C" Batteries (#32740,) & Five Pin Connector
1B	#54701	Faucet Spout & Sensor Assembly (EBF-650)	6A	#54335	Old Style Solenoid Replacement Kit. Includes Solenoid Body, Solenoid Enclosure, and Solenoid Filter Cap
2	#59173	Spray Head w/Key (male 0.56 gpm)	6B	#08578	Old Style Solenoid Valve Module Assembly for Transformer Powered mode (-R variation.) Includes solenoid enclosure, solenoid body, and filter cap.
	#54683	Aerator Spray Head w/Key (male 2.2 gpm)	7	#54686	Mounting Hardware
	#85444	Laminar Flow Aerator (male 2.2 gpm)	8	#57970	Old Style Sensor Replacement Kit includes Cable Assembly, Retainer for PC Board Assembly, and Housing for Sensor Window
3	#54693	Key Only	9	#81784	New Style Solenoid Assembly
4A	#54703	Mounting Kit for EBF-615	10	#81785	New Style Control Module Assembly Uses Four "AA" Batteries (#32737,) & Phone Jack
4B	#54678	Mounting Kit for EBF-650			
5A	#54685	1/8" NPT Pipe to 3/8" Compression			
5B	#56794	3/8" Back Check Tee			
5C		Solenoid Supply Kit (NOT SOLD)			



ELECTRONIC FAUCET PARTS

EBF-85 & EBF-187



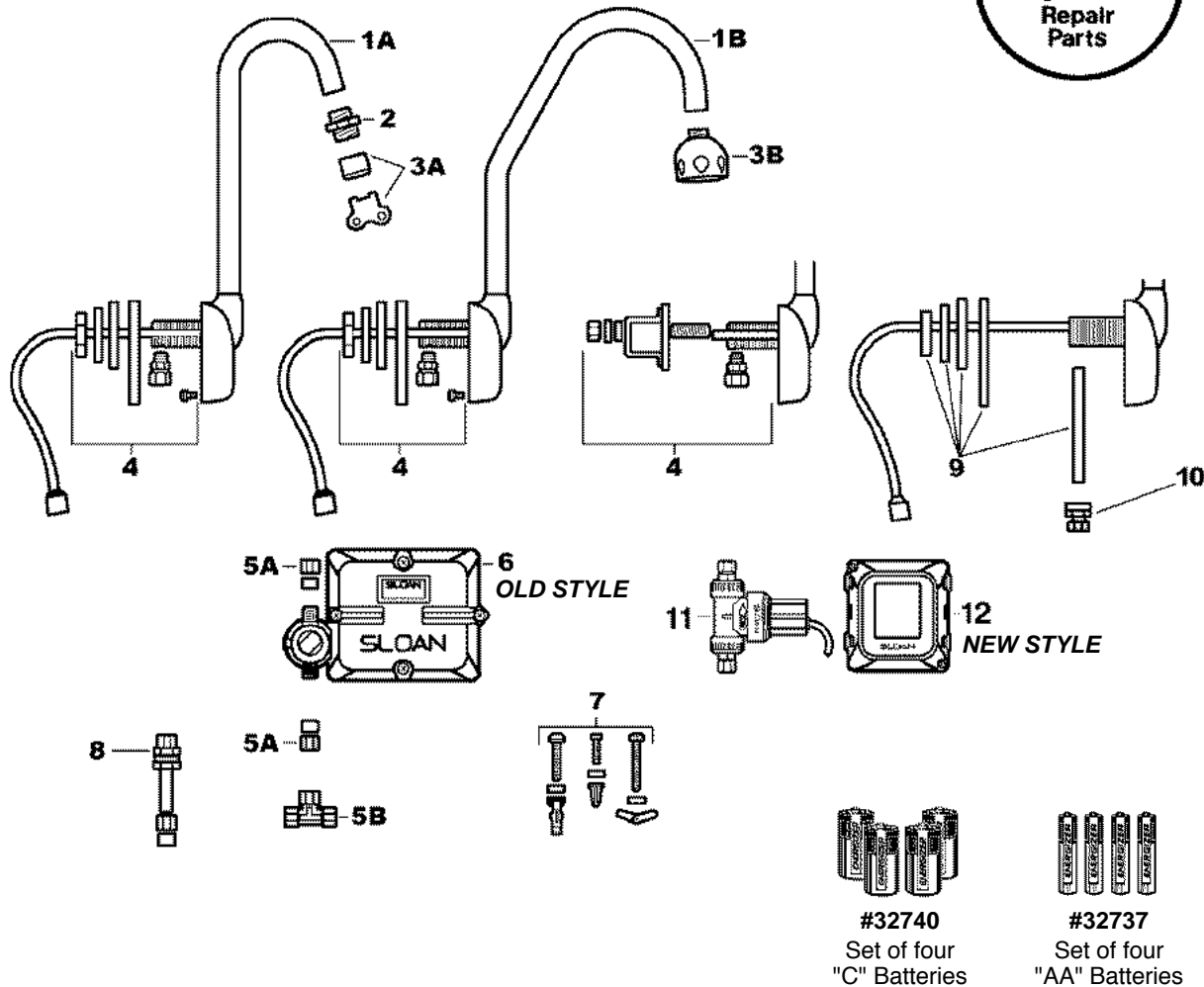
Call for Assistance!

<p>1 #53814 Faucet and Sensor Assembly EBF-85 with Black Plastic Throat</p> <p>#54695 Faucet and Sensor Assembly - EBF-187 with CP Metal Plastic Throat</p> <p>#54696 Fiber Optic Sensor Cable Assembly Only. (Replaces EBF-12-A, includes lens holder)</p>	<p>3E #54679 8" Centerset Trim Plate Kit for EBF-85 or EBF-187 Faucet with optional mixing valve. Includes back-up spacer, self-tapping screw, and CP dual hole trim plate assembly.</p>
<p>2 #80603 0.5 gpm Spray Head w/Key (fem. thread)</p> <p>#50013 2.2 gpm Aerator Spray Head w/Key (fem. thread)</p> <p>#84322 2.2 gpm Laminar Flow Spray Head w/Key (fem. thread)</p> <p>#54693 Replacement VP Key only</p>	<p>4 #59095 Faucet Mounting Kit includes rubber gasket, mounting washer, mounting nut and ETF-297 compression fitting connector.</p>
<p>3A #55154 4" Centerset Trim Plate Kit for faucet only. Includes: 2 nuts, 2 hex screws, 2 flat washers, single hole cover plate, and base plate.</p>	<p>5 #27622 1/4" to 3/8" compression fitting connector.</p>
<p>3B #54676 4" Centerset Trim Plate Kit for EBF-85 or EBF-187 Faucet (Faucet only.) Includes back-up spacer, self-tapping screw, and CP single hole trim plate assembly.</p>	<p>6 #54681 20" flex hose</p>
<p>3C #54678 4" Centerset Trim Plate Kit for EBF-85 or EBF-187 Faucet with optional mixing valve. Includes back-up spacer, self-tapping screw, and CP dual hole trim plate assembly.</p>	<p>7 #54003 Solenoid Valve Module Assembly for Battery Powered model. Includes solenoid enclosure, solenoid body, and filter cap</p> <p>#32739 "C" size Alkaline Batteries (four required)</p>
<p>3D #52154 8" Centerset Trim Plate Kit for faucet only. Includes 2 nuts, 2 washer gaskets, 2 fender washers, base gasket, back-up spacer and single hole trim plate assy.</p>	<p>8A #27585 3/8" Ferrule</p>
	<p>8B #27595 3/8" Compression Nut</p>
	<p>9 #08238 Mounting Bracket Kit. Includes base plate, wall bracket base, wall bracket, mounting screw, self-tapping screw, 2 wood screws plus washers and plastic anchors, 2 screws plus washers and toggle nuts, 2 screws plus washers and hollow wall anchors.</p>
	<p>10 #56794 3/8" Back Check Tee</p>



ELECTRONIC FAUCET PARTS

EBF-550
EBF-550-S

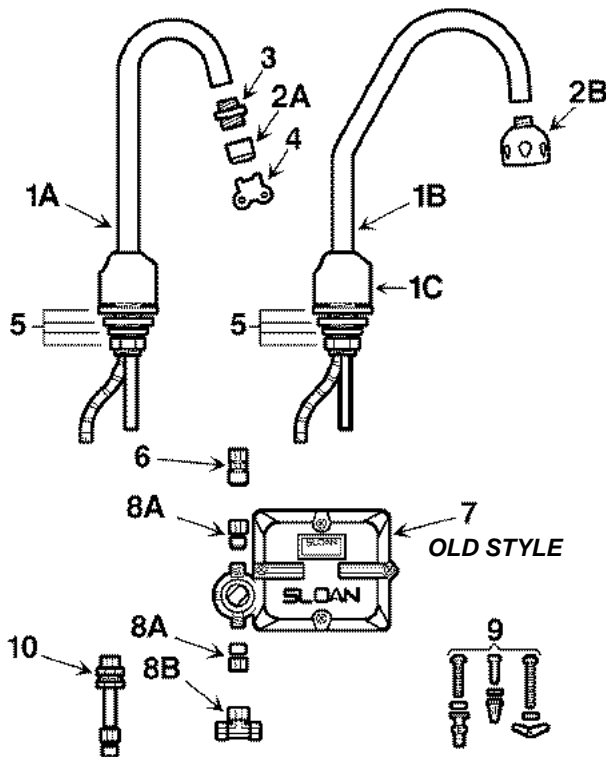


1A #80762 Faucet and Sensor Assembly - with Standard Gooseneck Spout #80767 Sensor & Cable Only	5A #80753 Single Solenoid Supply Kit includes two Compression Nuts two Compression Sleeves and Screwdriver 5B #56794 3/8" Back Check Tee
1B #80763 Faucet and Sensor Assembly with Surgical Bend Gooseneck Spout #80767 Sensor & Cable Only	6 #54325 <i>Old Style</i> Control Module Assembly includes Base Enclosure, Cover Enclosure, two Gaskets, Solenoid Body, Solenoid Enclosure, Solenoid Filter Cap, and Battery Stop. Uses four "C" batteries (#32740 .)
2 #80751 Adapter for Spray Heads (not required for AC-55-A Shower Spray Head)	7 #54686 Mounting Hardware Kit for Control Module Assembly includes four Anchor Nuts, four Toggle Nuts, four Mounting Screws for Base Plate, four Flat Washers, four Anchors, and four Metal Screws.
3A #80603 0.5 gpm Spray Head w/Key (fem. thread) #50013 2.2 gpm Aerator Spray Head w/Key (fem. thread) #84322 2.2 gpm Laminar Flow Spray Head w/Key (fem. thread) #54693 Replacement VP Key only	8 #08218 Back Check
3B #80750 Shower Spray Head Assembly 2.2 gpm	9 <i>Call For Assistance</i>
4 <i>Call For Assistance</i>	10 #54685 1/8" NPT Pipe to 3/8" Tube Female Compression Fitting Connector
	11 #81784 <i>New Style</i> Solenoid Assembly
	12 #81785 <i>New Style</i> Control Module Assembly Uses Four "AA" Batteries (#32737) & Phone Jack

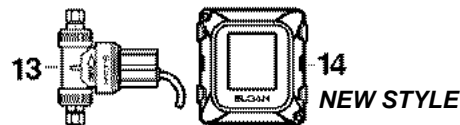
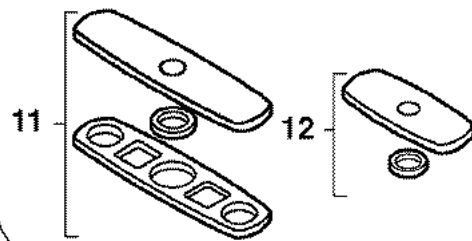


ELECTRONIC FAUCET PARTS

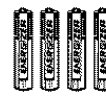
EBF-750 EBF-750-S



Optional Trim Plate Kits



#32740
Set of four
"C" Batteries



#32737
Set of four
"AA" Batteries

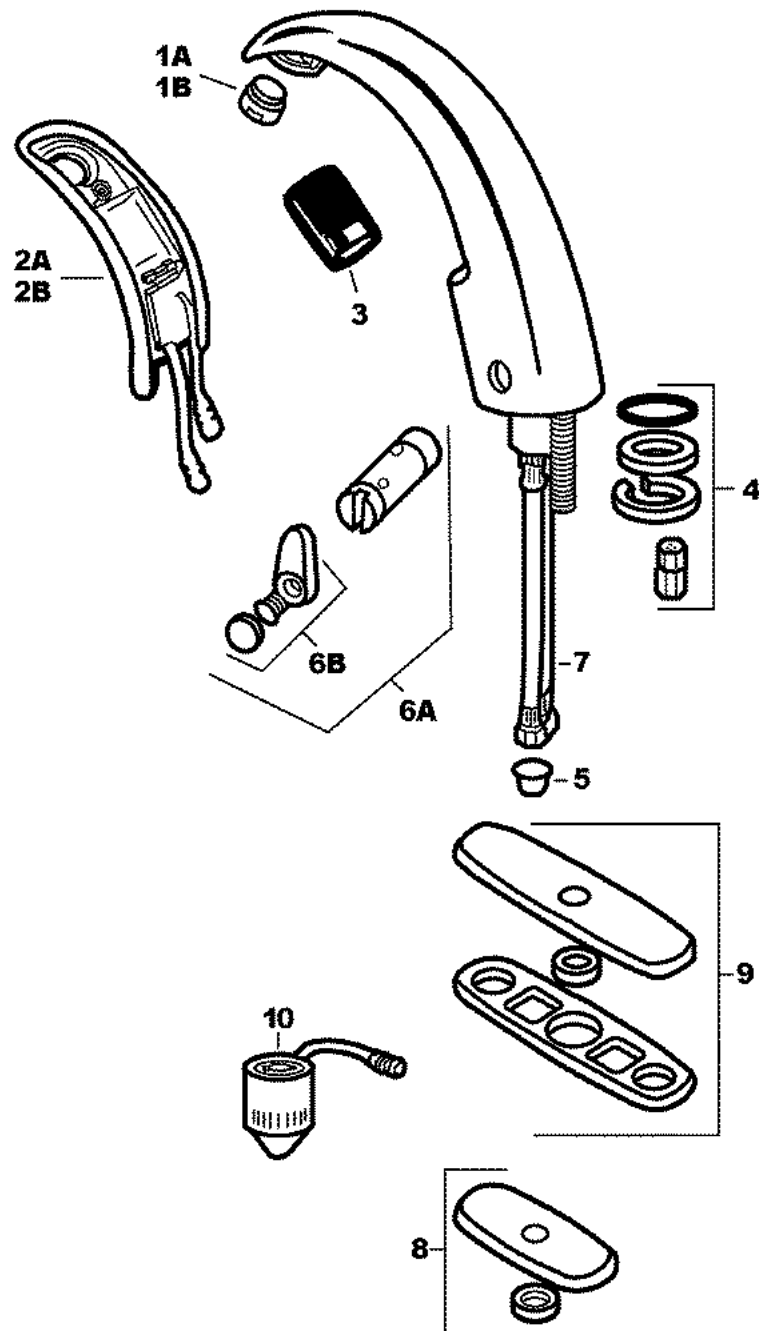
1A #81317	Faucet/Sensor Assembly with standard Gooseneck Spout (EBF-750)
1B #80748	Faucet/Sensor Assembly with Surgical Bend Gooseneck Spout (EBF-750-S)
1C #80377	Sensor Replacement Kit includes Sensor Housing and Cable Assembly
2 #80749	Spray Head w/Key (fem. 0.5 gpm)
#50013	Aerator Spray Head w/Key (fem. 2.2 gpm)
#84322	Laminar Flow Spray Head w/Key (fem. 2.2 gpm)
2B #80750	Shower Spray Head Assembly w/Key (2.2 gpm)
3 #80751	Adapter for Spray Heads
4 #54693	Replacement Key only for ETF-1021-A 0.5 gpm Spray Head and aerator spray head
5 #80325	Spout Mounting Kit includes Rubber Gasket, Flat Washer, Lock Washer, Mounting Nut, and ETF-530 Union Compression Fitting.
6 #80752	3/8" x 3/8" Union Compression Fitting - Female

7 #54325	Old Style Control Module Assembly includes Base Enclosure, Cover Enclosure, two Gaskets, Solenoid Body, Solenoid Enclosure, Solenoid Filter Cap, and Battery Stop. Uses four "C" batteries (#32740 .)
8A #80753	Single Solenoid Supply Kit includes two Compression Nuts, two Compression Sleeves, and Screwdriver
8B #56794	3/8" Back Check Tee
9 #54686	Mounting Hardware for Control Module Assembly Includes four Anchor Nuts, four Toggle Nuts, four Mounting Screws for Base Plate, four Flat Washers, four Anchors, and four Metal Screws.
10 #08218	Back Check
11 #52114	Optional 8" Centerset Trim Plate Kit
12 #54676	Optional 4" Centerset Trim Plate Kit
13 #81784	New Style Solenoid Assembly
14 #81785	New Style Control Module Assembly Uses Four "AA" Batteries & Phone Jack Uses four "AA" batteries (#32737 .)



ELECTRONIC FAUCET PARTS

EAF-150

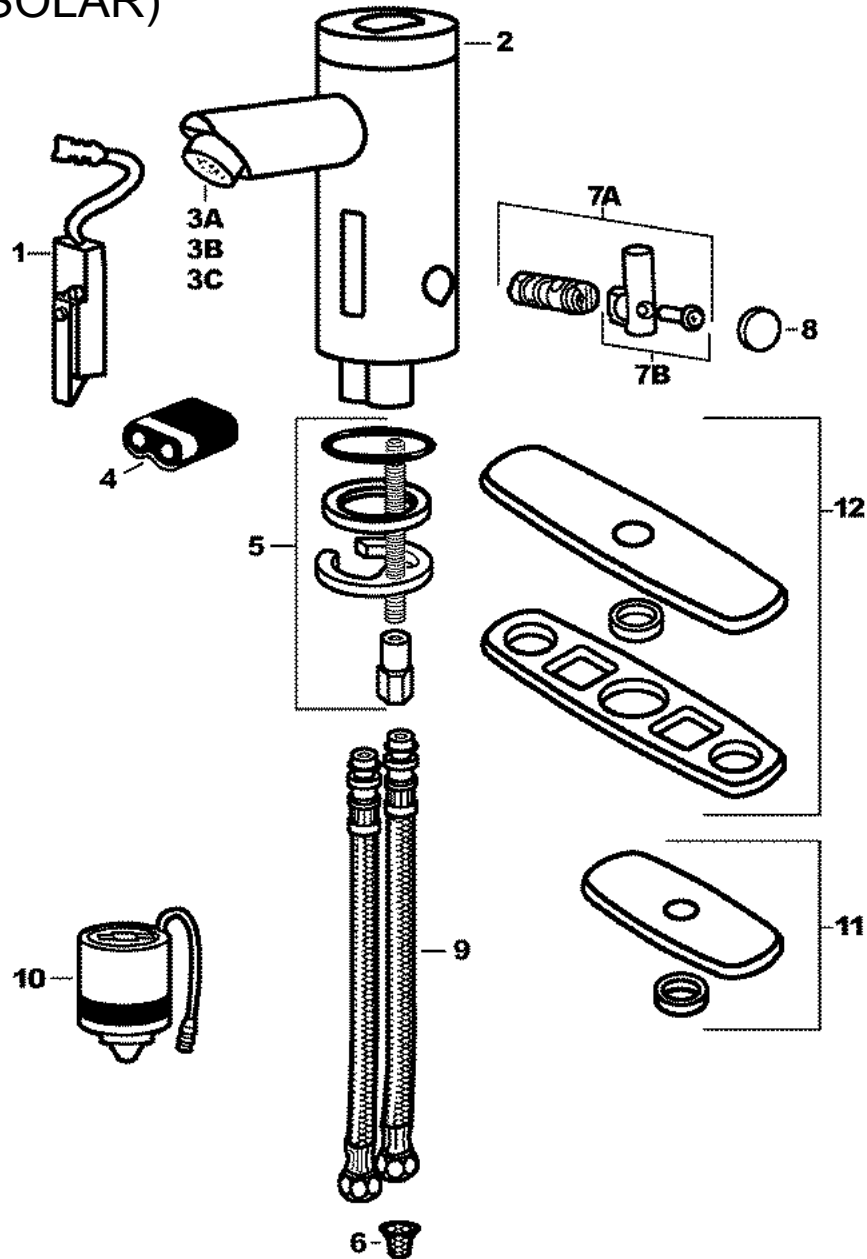


1A	#80153	2.2 gpm Aerator Spray Head	5	#80759	Strainer (Filter)
1B	#80757	0.5 Spray Head	6A	#80760	Mixer Handle Assembly and Cartridge
2A	#80758	Throat Plate Assembly (Battery Models)	6B	#80155	Handle Repair Kit
2B	#81297	Throat Plate Assembly with i.q. Click (Battery Models)	7	#80761	13" Flexible Supply Hose
3	#08747	Battery Replacement Kit	8	#58166	Trim Plate for 4" Centerset Sink
4	#80154	Faucet Mounting Kit	9	#57131	Trim Plate for 8" Centerset Sink
			10	#58426	Solenoid



ELECTRONIC FAUCET PARTS

EAF-275 (SOLAR)

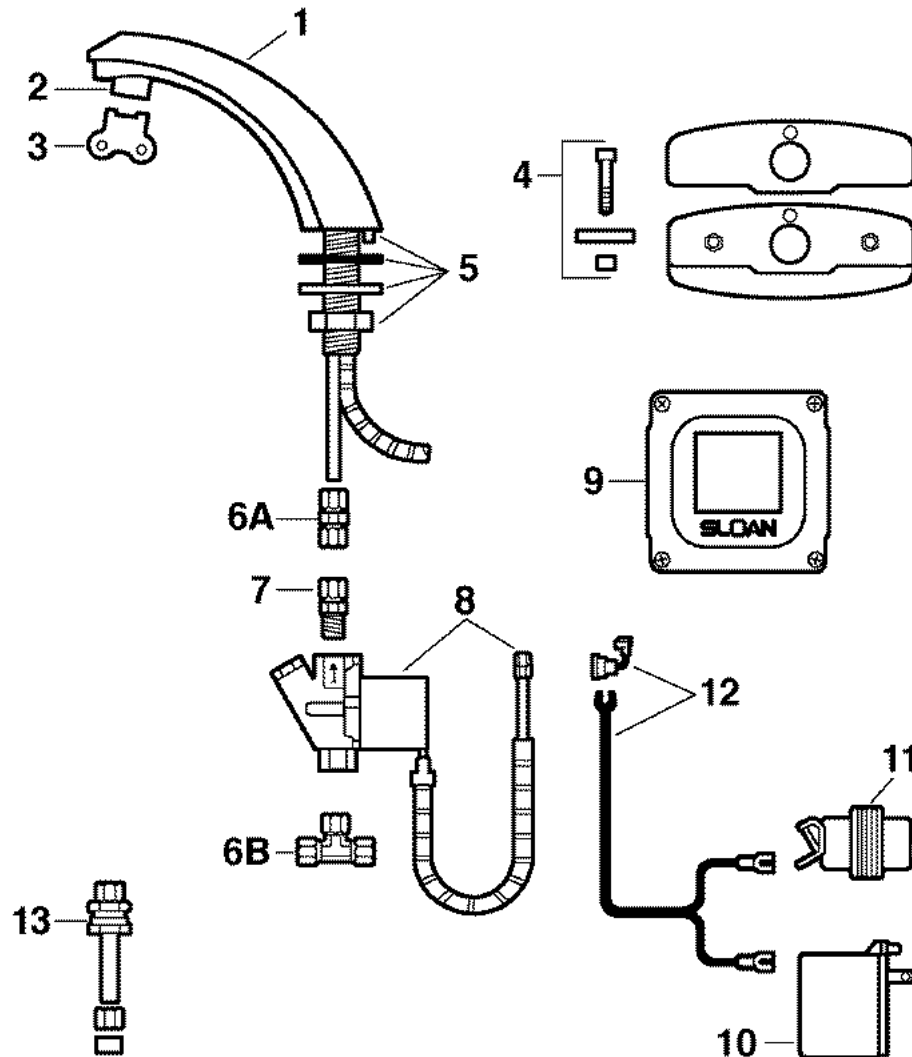


1	#80771	Faucet Sensor Assembly	7A	#80776	Mixer Handle Assy. and Cartridge
2	#80772	Cap and Solar Cell Assembly	7B	#80777	Handle Repair Kit
3A	#80773	0.5 gpm VR Aerator Spray Head	8	#80778	Handle Cap
3B	#80153	2.2 gpm Aerator Spray Head	9	#80761	13" Flexible Supply Hose
3C	#80774	2.2 gpm Laminar Flow Spray Head	10	#58426	Solenoid
4	#80775	Battery Replacement Kit	11	#62003	Trim Plate for 4" Centerset Sink
5	#80154	Faucet Mounting Kit	12	#52154	Trim Plate for 8" Centerset Sink
6	#80759	Strainer (Filter)			



ELECTRONIC FAUCET PARTS

ETF-80

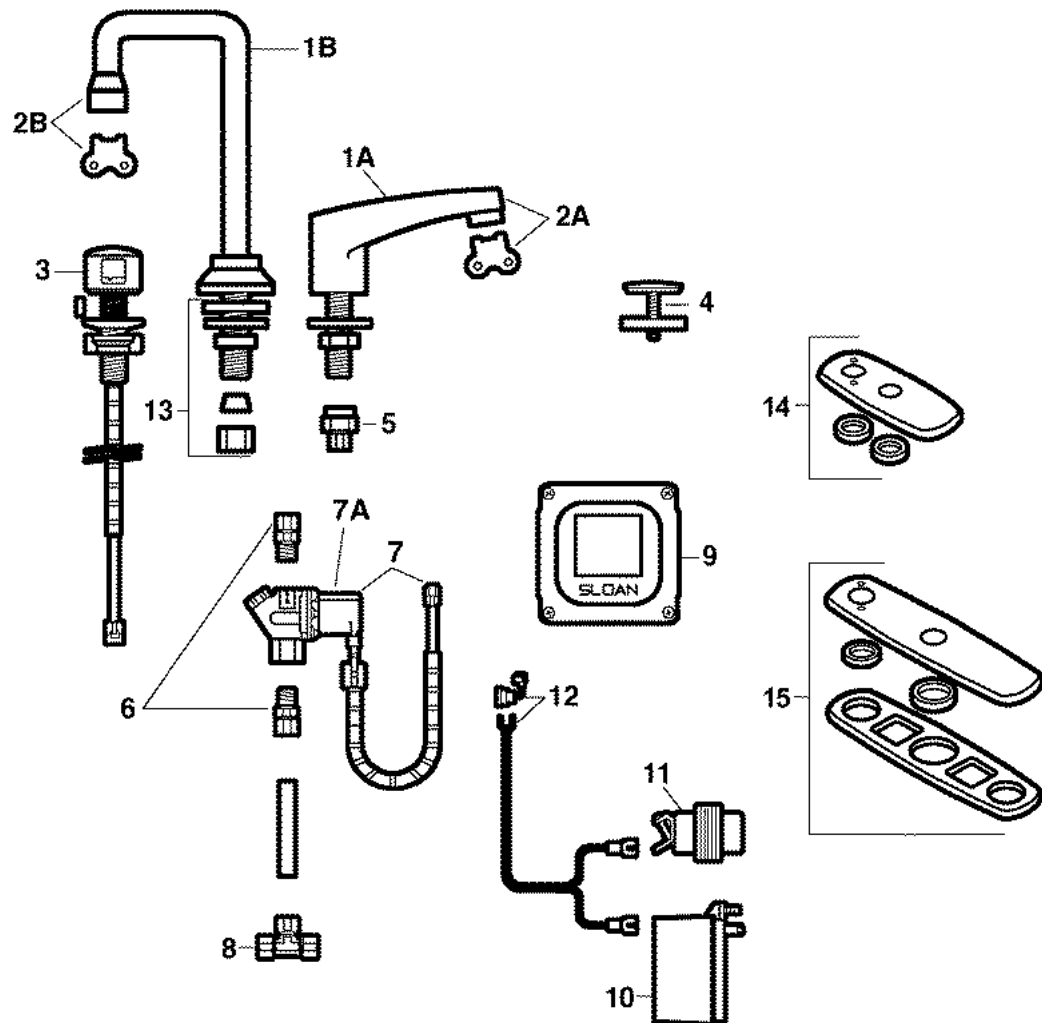


1 #59707	Faucet and Sensor Assembly	6A #27622	1/4" to 3/8" Compression Fitting Connector
2 #80603	Spray Head w/Key (fem. 0.5 gpm)	6B #56794	3/8" Back Check Tee
#50013	Aerator Spray Head w/Key (fem. 2.2 gpm)	7 #08634	Single Solenoid Supply Kit. Includes 2 ETF-61 compression fittings, compression nut, and ferrule.
#84322	Laminar Flow Spray Head w/Key (fem. 2.2 gpm)	8 #08367	24 VAC Solenoid Valve Assembly includes 18" armored cable and 2 terminal housings.
3 #54693	Key Only	* #08633	Solenoid Valve Repair Kit Includes replacement filter.
4A #55154	4" Centerset Trim Plate Kit for faucet only. Includes: 2 nuts, 2 hex screws, 2 flat washers, single hole cover plate, and base plate.	9 #08462	Control Module Assembly
4B #54694	4" Centerset Trim Plate Kit for faucet with optional mixing valve. Includes: 2 nuts, 2 hex screws, 2 flat washers, dual hole cover plate, and base plate.	10 #08377	120V/35VA Plug-in Transformer
4C #52154	8" Centerset Trim Plate Kit for faucet only. Includes 2 nuts, 2 washer gaskets, 2 fender washers, base gasket, back-up spacer and single hole trim plate assy.	11 #54688	24V/40VA Box Mount Transformer
5 #59095	Mounting Kit	12 #54689	Input Power Cable (Transformer to Control Module) includes strain relief and 2 terminal crimp connectors.
		13 #08218	Back Check



ELECTRONIC FAUCET PARTS

ETF 660, ETF 770



1A	#SP4389	Faucet Spout Assembly
1B	#51021	Gooseneck Faucet Assembly
2A	#59173	Spray Head w/Key (male 0.56 gpm)
	#54683	Aerator Spray Head w/Key (male 2.2 gpm)
	#54702	Laminar Flow Spray Head (male 2.2 gpm)
	#SP4386	Spray Head w/Key (male 2.0 gpm)
	#05693	Key Only
2B	#80603	Spray Head w/Key (fem. 0.5 gpm)
	#50013	Aerator Spray Head w/Key (fem. 2.2 gpm)
	#84322	Laminar Flow Spray Head w/Key (fem. 2.2 gpm)
	#54693	Key Only
3	#52857	Sensor Assembly
	-	Old Style Sensor Assembly (Obsolete - Use # 8462 & # 52857)
4	#04625	Cock Hole Cover
5	#54687	Tube Fitting Connector

6	#08634	Fitting Kit
7	#08367	Solenoid Valve Assembly
	#08633	Solenoid Valve Repair Kit Includes replacement filter
8	#54685	Tee Compression Fitting
9	#08462	Control Module Assembly
10	#08377	120V/35VA Plug-in Transformer
11	#54688	24V/40VA Box Mount Transformer
12	#54689	Input Power Cable (Transformer to Control Module) includes strain relief and 2 terminal crimp connectors.
13	#54690	Spout Mounting Kit
14	#54676	4" Trim Plate Kit
15	#54704	8" Trim Plate Kit

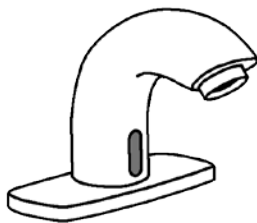
Faucet Cable Extension Cords available on request



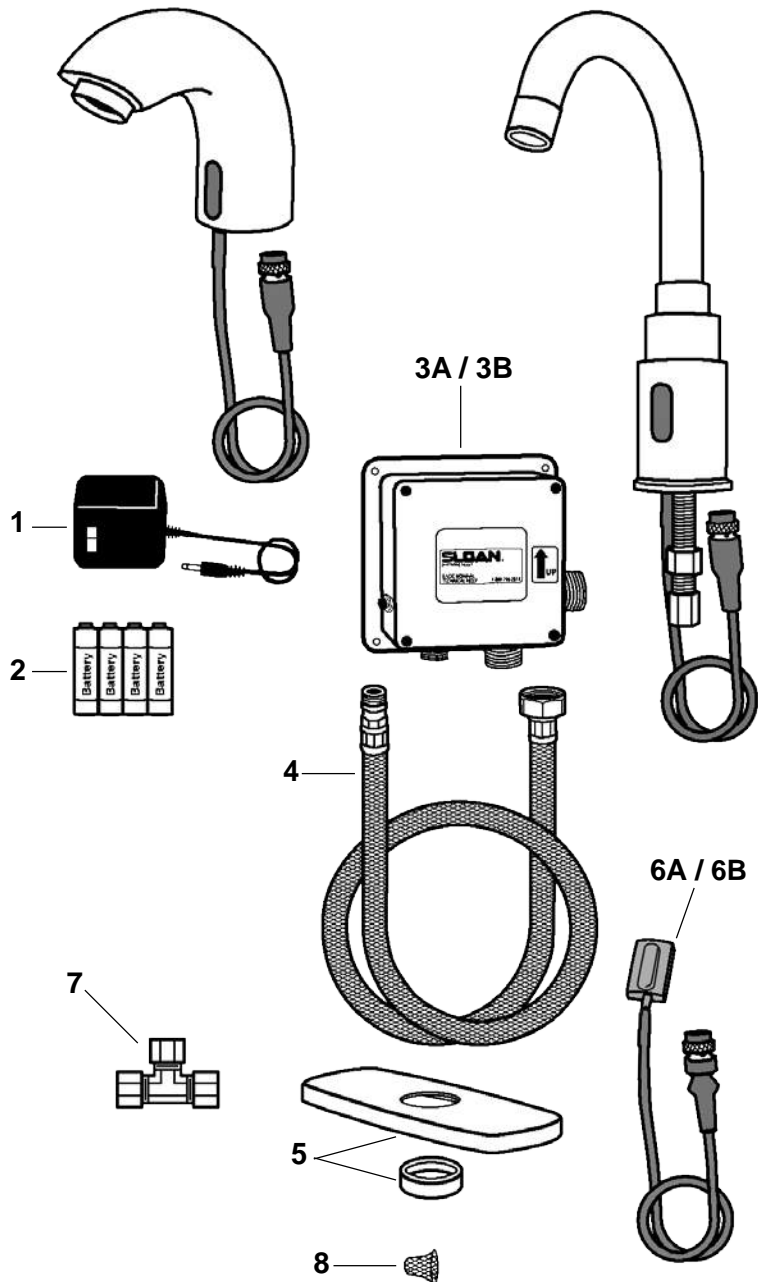
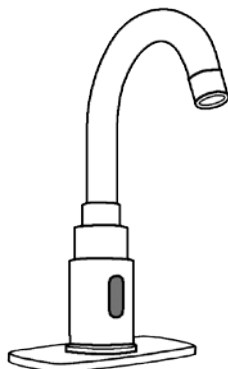
ELECTRONIC FAUCET PARTS



**SF-2100
SF-2150**



**SF-2200
SF-2250**



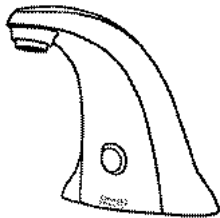
1	#81793	110 VAC/6 VDC Plug-In Adapter (US) (Models SF-2100 and SF-2200)	4	#86194	Flex Hose, Control Module to Spout (all models)
2	#32737	Batteries, 4 AA-size (all models)	5	#83827	4" Trim Plate with Spacer (all models)
3A	#81114	Control Module with Adjustable Button (6 pin connector) <i>After August of 2008 a range adjustment was added and the module now uses a 6 pin connector. Use with Sensor #83568</i>	6A	#83568	Sensor Assembly (6 pin connector) <i>Use with Module #81114.</i>
3B	#80298	Control Module (old style 4 pin connector) <i>Prior to August of 2008 these units did not have a range adjustment and the module used a 4 pin connector. Use with Sensor #86195.</i>	6B	#86195	Sensor Assembly (old style 4 pin connector) <i>Use with Module #80298.</i>
			7	#56794	3/8" Bak-Check® Tee Compression Fitting
			8	#86196	Strainer (located in water inlet of control module)



ELECTRONIC FAUCETS

THE NEW E-TRONIC™ FAUCET

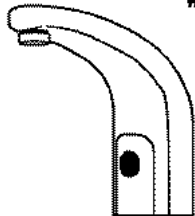
#81991 (116.606.AB)



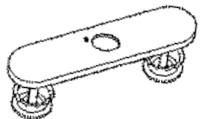
- Vandal resistant .5 GPM spray outlet
- Integral body construction for easy installation
- Efficient dual-beam infrared sensor with multiple field adjustable modes and ranges (manual teach in)
- Single supply for cold or tempered water
- Metal spout construction
- Polished chrome plated finish
- Above-deck electronics with choice of CR-P2 battery (shown) or AC Adaptor
- Water-tight solenoid with filter screen
- 1/2" NPSM brass shank with filter screen

HYTRONIC TRADITIONAL SINK FAUCET WITH DUAL BEAM INFRARED SENSOR

#80911 (116.201.AB.1)



- Single Hole
- Includes Optional 2.2 GPM (8.3 L/min) Aerator Insert
- E2805 - 0.5 GPM (1.9 L/min) Vandal Proof Non-Aerating Spray
- Single Supply for Tempered Water
- 6 Volt Lithium CRP2 Battery (Included)
- Stainless Steel Hose Included
- Multiple Field Adjustable Modes and Ranges
- Geberit Commander™ Software Compatible



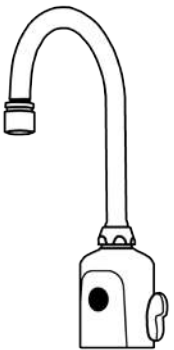
#81451
8" Plate



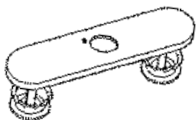
#80696
4" Plate

HYTRONIC GOOSENECK SINK FAUCET WITH DUAL BEAM INFRARED SENSOR

#83162 (116.123.AB.1)



- Single Hole
- GN2AH8 - 5 1/4" Rigid / Swing Goose Neck Spout
- Includes Optional 2.2 GPM (8.3 L/min) Aerator Insert
- E2805-5 - 0.5 GPM (1.9 L/min) Vandal Proof Non-Aerating Spray Outlet
- Dual Supply for Hot & Cold Water Service
- Stainless Steel Hoses Included
- 12 Volt AC Transformer Required (Order Separately)
- User Adjustable Temp. Control External Mixer
- Multiple Field Adjustable Modes and Ranges
- Geberit Commander™ Software Compatible



#81451
8" Plate



#80696
4" Plate



TRINSIC® SINGLE HANDLE PULL-DOWN KITCHEN FAUCET

Kitchen Faucets

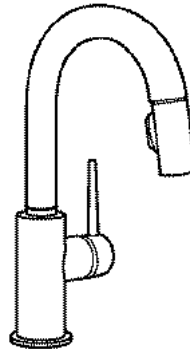
#85898 (9159T-DST) - Chrome Plated

#85890 (9159T-AR-DTS) - Stainless

Bar/Prep Faucets

#85566 (9959T-DST) - Chrome Plated

#85897 (9959T-AR-DTS) - Stainless



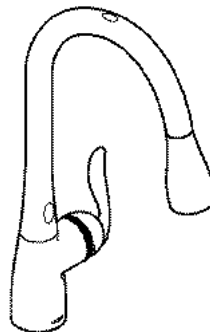
Optional 8"
plate available

- Touch activated faucet featuring Touch2O® Technology
- Turns on and off with just a touch anywhere on the spout or handle
- Exclusive MagnaTite® spray head docking ensures a snug fit of the wand. Pull-down wand operates in an aerated or spray mode via ergonomic buttons
- A sophisticated style, inspired by the sleek elegance of modern European design



ARBOR® MOTION SENSE PULL-DOWN KITCHEN FAUCET

#85567 (7594EC)



The Arbor® pull-down kitchen faucet with MotionSense™ provides the convenience of having a kitchen faucet that can literally sense what you're trying to accomplish and respond to what you need the moment you need it. That's because MotionSense activates flow based on simple hand movements. This convenient, hands-free control assists in accomplishing routine tasks with greater speed and efficiency. MotionSense delivers convenience on command.

- Pull-down spout - single lever
- Single hole mount
- ADA compliant
- Flow-optimized eco-performance products use up to 32% less water without sacrificing performance.
- MotionSense hands-free convenience to make everyday tasks easier
- 5 year warranty on digital components, limited lifetime trim warranty



ELECTRONIC FAUCETS

TOTO

TOTO SELF-GENERATING ECOPOWER SYSTEM SINGLE HOLE SENSOR FAUCET WITH STANDARD SPOUT



#80805 (TEL5GSC-10)
Up to 10 second discharge

#80465 (TEL5GSC-60)
Up to 60 second discharge

- Single hole with mixing valve
- Integral thermostatic mixer
- Continuous discharge up to 60 seconds or 10 seconds.
- *Must specify 4" (#SP5428) or 8" (#56652) cover plate, sold separately*

The contemporary styled spout provides a cascading flow of water, utilizing less than 0.17 gallons per cycle, while a hydro-powered turbine charges the power supply during usage. This eliminates the need for battery replacement or consumption of external electrical power for up to 10 years. Check valves are integrated into the mixer to prevent cross flow of water.

Many other models available on request



#82048 (500484)
4" CP Auto Faucet
w/ Surround Sensor Technology

#82139 (500485)
8" CP Auto Faucet
w/ Surround Sensor Technology

#82715 (500483)
Single Hole Auto Lav Faucet w/
Surround Sensor Technology

- Auto Faucet SST® sets the standard for reliability and user friendly performance in automated faucet systems with patented Surround Sensor™ Technology.
- Touch-free activation eliminates cross-contamination to help reduce the spread of germs.
- Surround Sensor™ Technology creates a 3" omni-directional sensing zone guaranteeing activation every time.
- Patented "dry" cam gear technology (solenoid valve free) ensures trouble-free operation to reduce maintenance.
- Long battery life -400,000 cycles or three years (4 "D" batteries included.)
- Optional AC power adapter available.

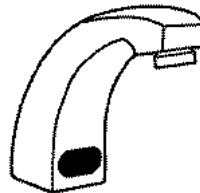
ZURN AQUASENSE BATTERY POWERED FAUCETS



These faucets are battery powered sensor faucets for retrofit and new construction. They incorporate an infrared convergence-type proximity sensor into the chrome plated cast brass spout. Furnished complete with sensor module, spout module, in-line filter, 4 AA batteries, a 1.5 GPM vandal resistant aerator and an inlet for a 1/2" ball riser supply hose. Sensor range is factory set for optimum performance.



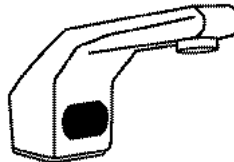
#80323 (Z6915)
4" Centerset



#81518 (Z6913)
Single Hole Faucet

#81076 (Z6913-CP4)
w/4" Plate

#80332 (Z6913-CP8)
w/8" Plate



#59250 (Z6912)
Single hole faucet

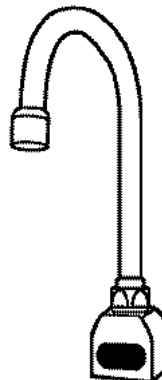
#81077 (Z6912-CP4)
w/4" Plate

#81078 (Z6912-CP8)
w/8" Plate



ZURN AQUASENSE GOOSENECK BATTERY POWERED FAUCETS

#81728 (Z6920)
Deck Mounted



This faucet is a battery powered sensor faucet for retrofit and new construction. The faucet incorporates an infrared convergence type proximity sensor into the cast brass chrome plated base of the goose-neck faucet. The faucet is furnished complete with sensor module, spout module and in-line filter, 4"AA" batteries, a 1.5 GPM vandal resistant aerator, an inlet for a 1/2 ball riser and single supply hose. Sensor range is factory set for optimum performance.



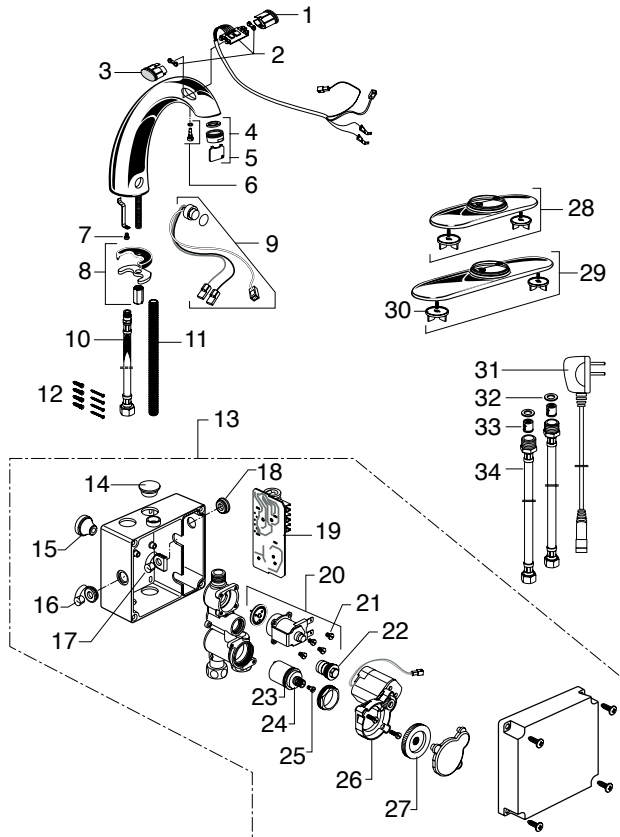
ELECTRONIC FAUCETS

American Standard

CERATRONIC LAVATORY FAUCETS

Model Numbers

6058.105
6058.102



1 #86004	Sensor Cover (Blue)	18 #86021	Solid Grommet
2 #86005	Temperature Sensor Kit	19 #86022	Circuit Board
3 #86006	Sensor Cover (Red)	20 #81993	Solenoid & Screws
4 #86007	2.2 GPM Aerator	21 #86023	Solenoid Screws
5 #86008	0.5 GPM Aerator	22 #86024	Filter
6 #86009	Screw Kit	23 #86025	Seal
7 #86010	Screw	24 #86026	Mixing Valve
8 #86011	Mounting Kit	25 #86027	Screw
9 #86012	Sensor Kit	26 #86028	Motor Assembly
10 #86013	Faucet Supply Hose	27 #86029	Gear
11 #86014	Wire Cover	28 #86030	4" Deck Plate
12 #86015	Mounting Screw Kit	29 #86031	8" Deck Plate
13 #86016	Motor Assembly	30 #86032	Mounting Nut
14 #86017	Plug	31 #86033	Power Supply
15 #86018	Power Supply Grommet	32 #86034	Washer
16 #86019	Round Grommet	33 #86035	Check Valve
17 #86020	U-Grommet	34 #86036	Supply Hose

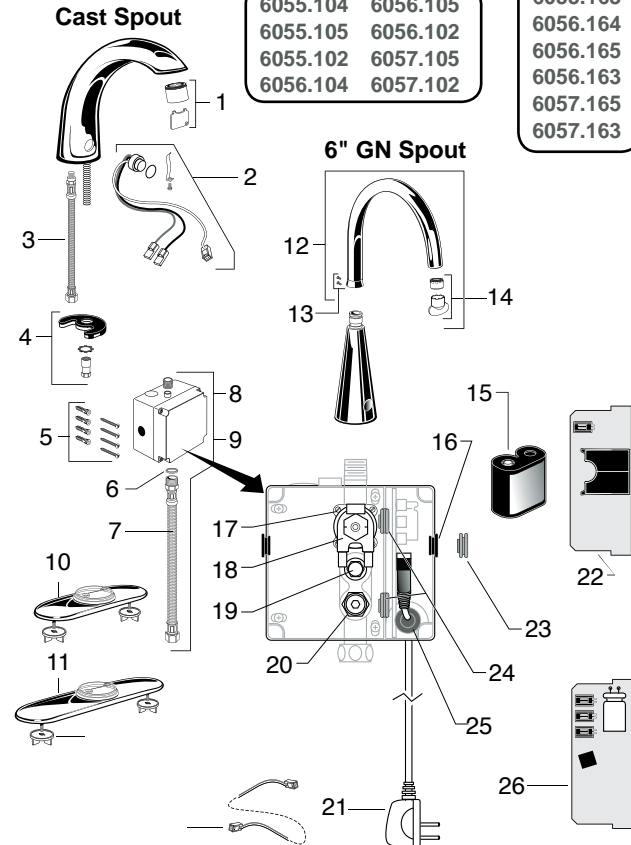
SELECTRONIC LAVATORY FAUCETS

6" GN Spout
Model Numbers

Cast Spout
Model Numbers

6055.104 6056.105
6055.105 6056.102
6055.102 6057.105
6056.104 6057.102

6055.164
6055.165
6055.163
6056.164
6056.165
6056.163
6057.165
6057.163



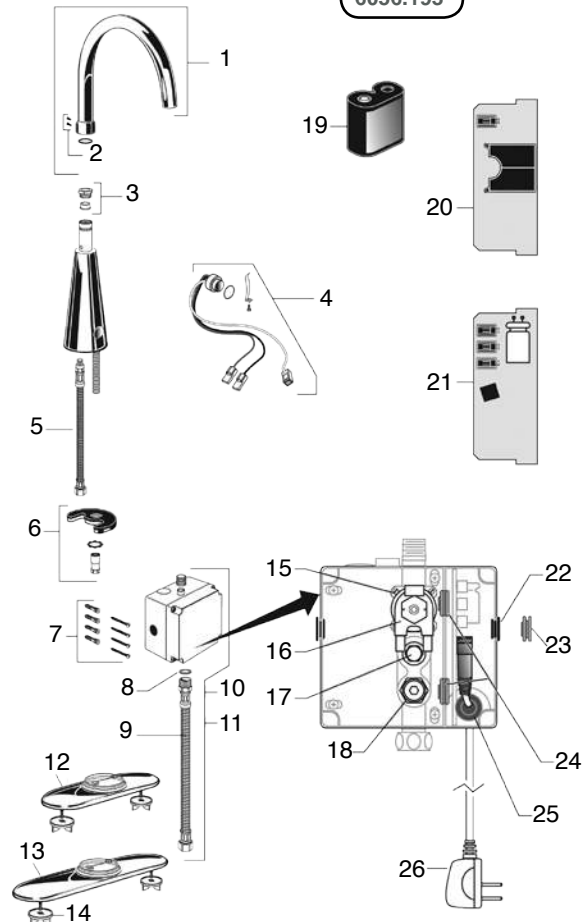
1 #86037	0.35 GPM Aerator	15 #84917	Battery 6VCR-P2
#86038	1.5 GPM Aerator	16 #86021	Solid Grommet
#86008	0.5 GPM Aerator	17 #86023	Solenoid Screws
2 #82384	Sensor Kit	18 #81993	Solenoid & Screws
#86039	Sensor Kit	19 #86046	Filter
3 #86013	Faucet Supply Hose	20 #86047	Supply Stop
4 #86011	Mounting Kit	21 #86033	Power Supply
5 #86015	Mounting Screw Kit	22 #86048	Circuit Board Dc
6 #86034	Washer	23 #86019	Round Grommet
7 #86036	Supply Hose	24 #86020	U-Grommet
8 #85208	DC Solenoid Valve	25 #86018	Power Supply Grommet
9 #86040	AC Solenoid Valve	26 #86022	Circuit Board AC & Multi AC
10 #86030	605P400	27 #86049	10 Ft. Multi Extension Wire (For 6057 Series Only)
11 #86031	605P800		
12 #86041	6" Spout Kit		
13 #86042	Spout Screw Kit		
14 #86043	0.35 GPM Aerator		
#86043	1.5 GPM Aerator		
#86045	0.5 GPM Aerator		



SELECTRONIC PROXIMITY ICU FAUCET

Model Numbers

6055.193
6056.193

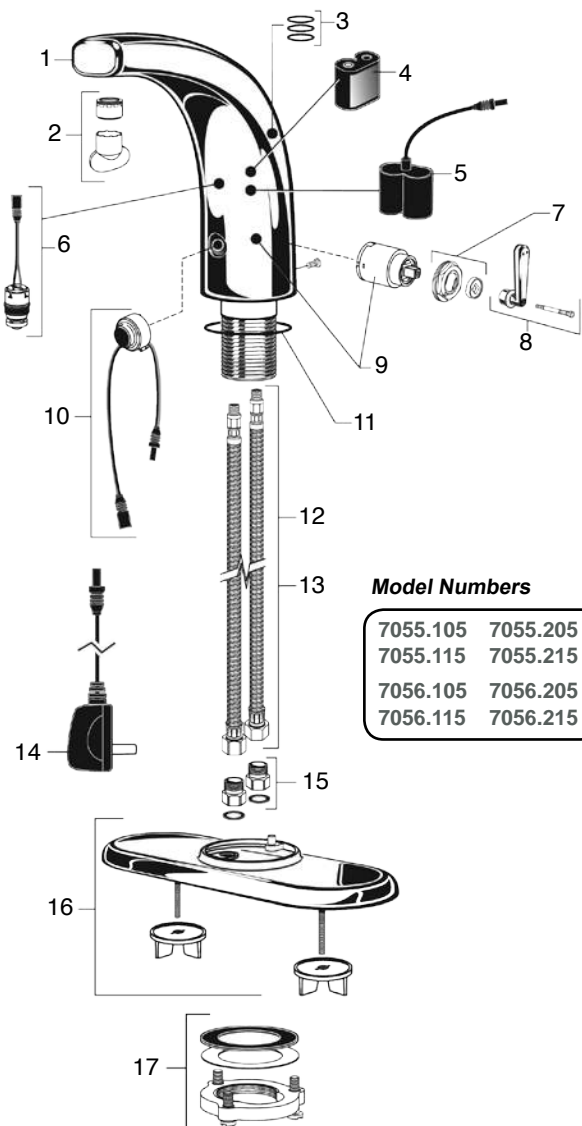


1 #86054	5" Spout	14 #86032	Mounting Nut
2 #86055	Spout Screw Kit	15 #86023	Solenoid Screws
3 #86056	Flow Restrictor Kit	16 #81993	Solenoid & Screws
4 #82384	Sensor Kit	17 #86024	Filter
5 #86013	Faucet Supply Hose	18 #86047	Supply Stop
6 #86011	Mounting Kit	19 #84917	Battery
7 #86015	Mounting Screw Kit	20 #86048	DC Circuit Board
8 #86034	Washer	21 #86022	AC Circuit Board
9 #86036	Supply Hose	22 #86021	Solid Grommet
10 #85208	DC Solenoid Valve Assy.	23 #86019	Round Grommet
11 #86040	AC Solenoid Valve Assy.	24 #86020	U Grommet
12 #86030	4" Escutcheon	25 #86018	Power Supply Grommet
13 #86031	8" Escutcheon	26 #86033	Power Supply

SELECTRONIC PROXIMITY INTEGRATED FAUCET WITH ABOVE DECK MIXING

Model Numbers

7055.105 7055.205
7055.115 7055.215
7056.105 7056.205
7056.115 7056.215



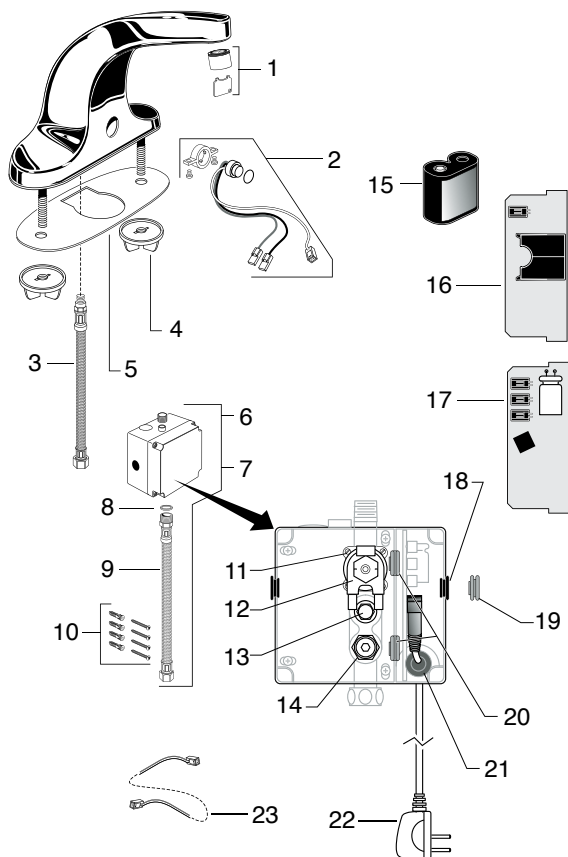
1 #86057 Faucet Cover (Less Mixing) #86058 Faucet Cover (For Mixing)	9 #86066	Diverter Cartridge
2 #86059 1.5 GPM Aerator #86060 0.5 GPM Aerator	10 #86067	Sensor
3 #86061 Valve Stem O-Rings	11 #86068	Spout O-Ring
4 #84917 Battery	12 #86069	Cold Supply Hose
5 #86062 Battery Holder	13 #86070	Hot Supply Hose
6 #86063 Solenoid Valve	14 #86071	AC Power Supply
7 #86064 Collar Nut & Temperature Limiter Stop	15 #86072	Hose Adaptor
8 #86065 Lever Assembly	16 #86073	Escutcheon
	17 #86074	Mounting Kit



INNSBROOK WITH SELECTRONIC LAVATORY FAUCETS

MODEL NUMBERS

6055.204	6056.204	6057.205
6055.205	6056.205	6057.202
6055.202	6056.202	

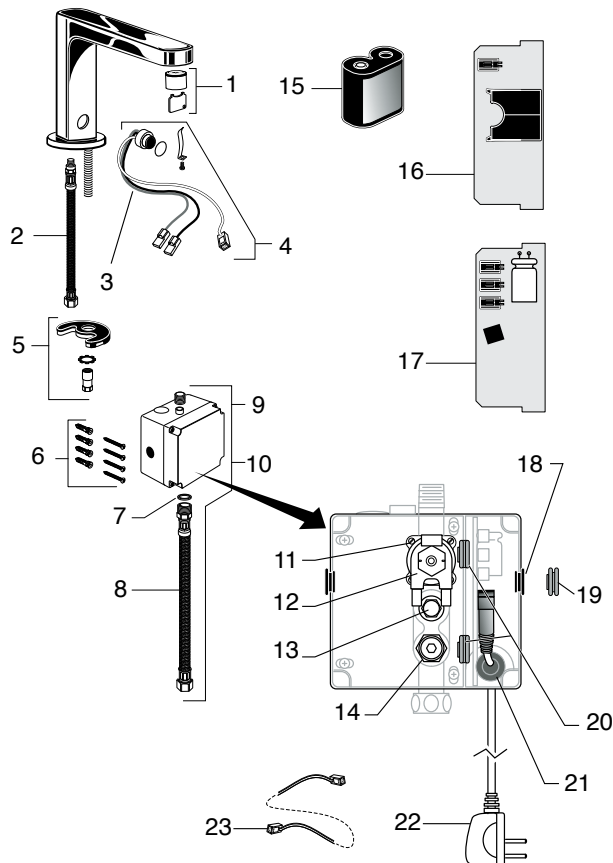


1 #86037	0.35 GPM Aerator	12 #81993	Solenoid & Screws
#86038	1.5 GPM Aerator	13 #86046	Filter
#86008	0.5 GPM Aerator	14 #86047	Supply Stop
2 #86050	Sensor Kit	15 #84917	Battery 6VCR-P2
#86051	Sensor Kit	16 #86048	Circuit Board DC
3 #86013	Faucet Supply Hose	17 #86022	Circuit Board AC & Multi AC
4 #86032	Mounting Nut	18 #86021	Solid Grommet
5 #86052	Putty Plate	19 #86019	Round Grommet
6 #85208	DC Solenoid Valve Assembly	20 #86020	U-Grommet
7 #86040	AC Solenoid Valve Assembly	21 #86018	Power Supply Grommet
8 #86034	Washer	22 #86033	Power Supply
9 #86036	Supply Hose	23 #86049	10 Ft. Multi-Extension Wire (For 6057 Series Only)
10 #86015	Mounting Screw Kit		
11 #86023	Solenoid Screws		

MOMENTS WITH SELECTRONIC LAVATORY FAUCETS

MODEL NUMBERS

DC Powered, Single Inlet	AC Powered, Single Inlet	MULTI AC Powered, Single Inlet
2506.155	2506.165	2506.175
2506.153	2506.162	2506.172



1 #86007	2.2 GPM Aerator	13 #86046	Filter
#86008	0.5 GPM Aerator	14 #86047	Supply Stop
2 #86013	Faucet Supply Hose	15 #84917	Battery 6VCR-P2
3 #86053	Sensor	16 #86048	Circuit Board DC
4 #82384	Sensor Kit	17 #86022	Circuit Board AC & Multi AC
5 #86011	Mounting Kit	18 #86021	Solid Grommet
6 #86015	Mounting Screw Kit	19 #86019	Round Grommet
7 #86034	Washer	20 #86020	U-Grommet
8 #86036	Supply Hose	21 #86018	Power Supply Grommet
9 #85208	DC Solenoid Valve Assembly	22 #86033	Power Supply
10 #86040	AC Solenoid Valve Assembly	23 #86049	10 Ft. Multi-Extension Wire (For 6057 Series Only)
11 #86023	Solenoid Screws		
12 #81993	Solenoid & Screws		

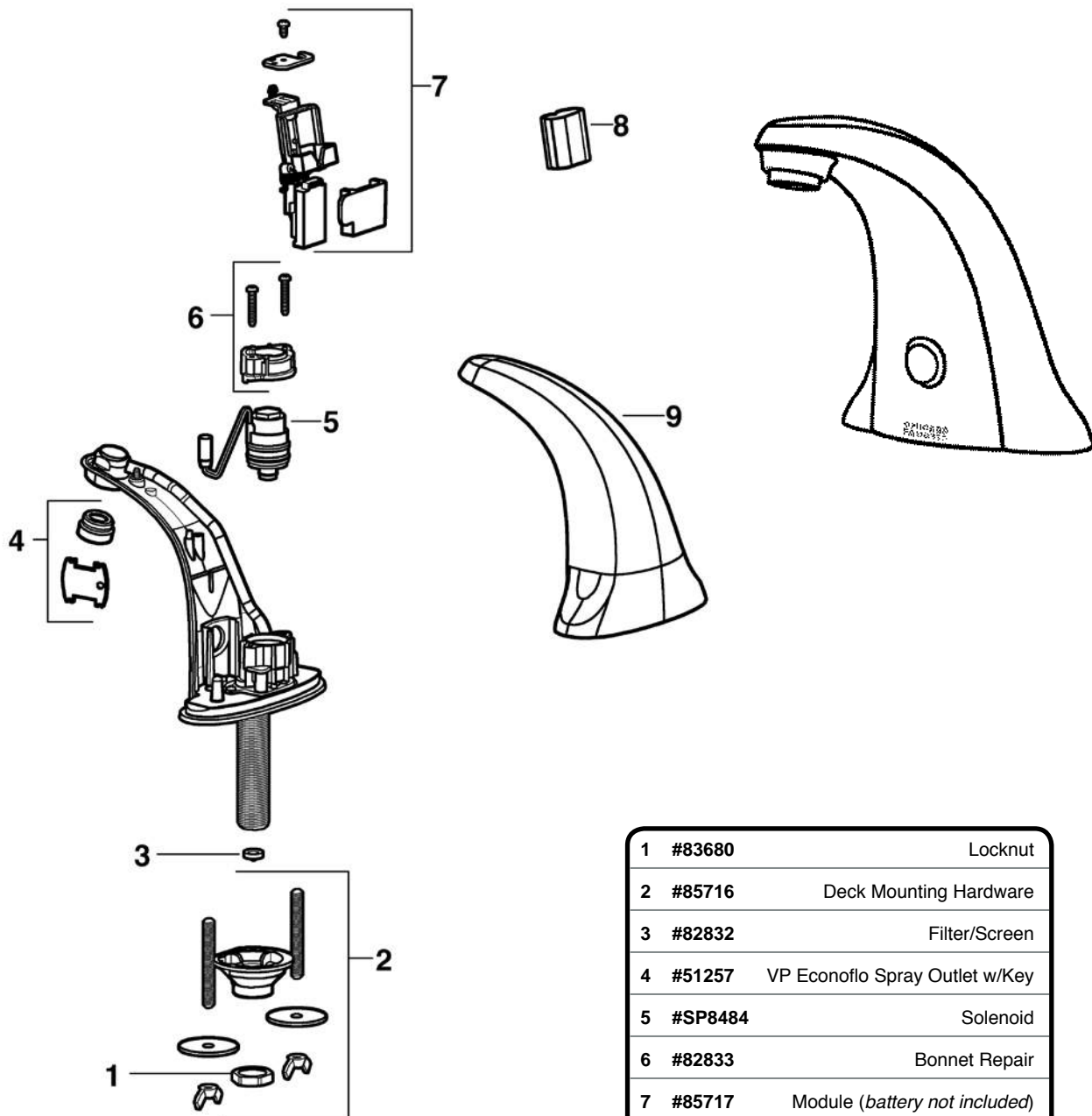


ELECTRONIC FAUCET PARTS

**CHICAGO
FAUCETS**

#81991 (116.606.AB.1)

**4" Single supply
for tempered water**



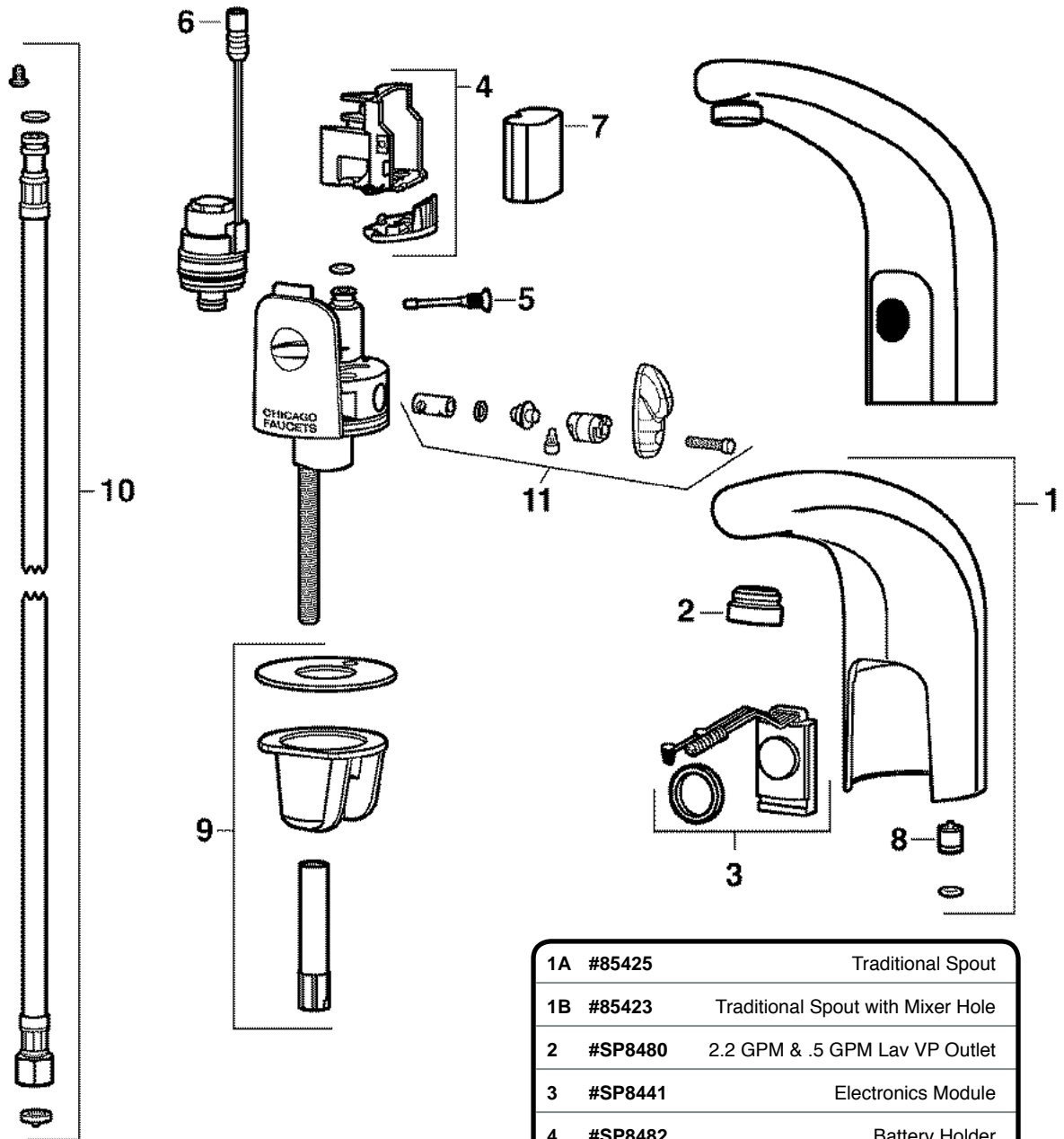
1	#83680	Locknut
2	#85716	Deck Mounting Hardware
3	#82832	Filter/Screen
4	#51257	VP Econoflo Spray Outlet w/Key
5	#SP8484	Solenoid
6	#82833	Bonnet Repair
7	#85717	Module (battery not included)
8	#32906	6V Lithium Battery
9	#85424	Spout Cover



ELECTRONIC FAUCET PARTS

**CHICAGO
FAUCETS**

#80911 (116.201.AB.1)



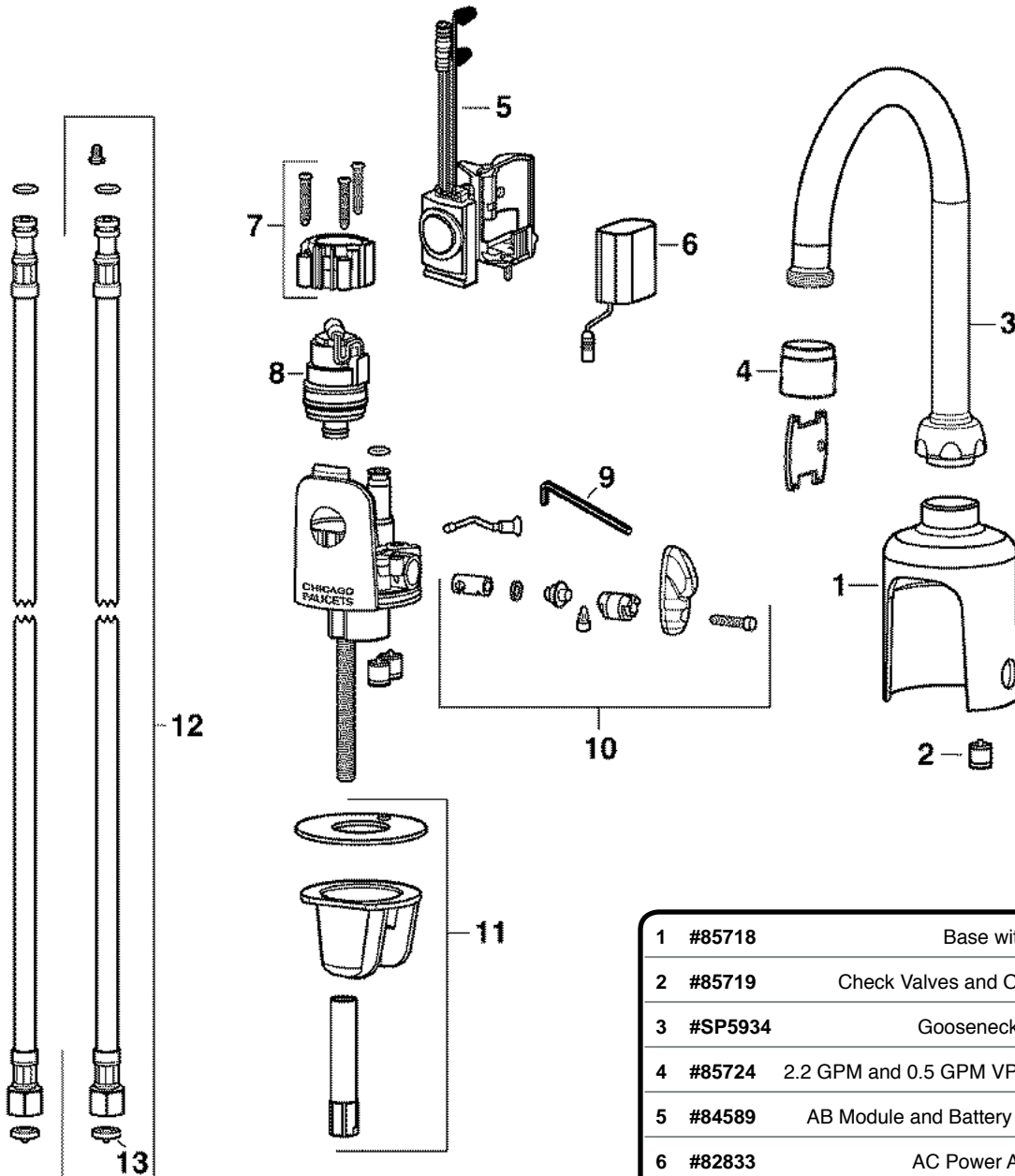
1A	#85425	Traditional Spout
1B	#85423	Traditional Spout with Mixer Hole
2	#SP8480	2.2 GPM & .5 GPM Lav VP Outlet
3	#SP8441	Electronics Module
4	#SP8482	Battery Holder
5	#SP8483	Shut-off Screw Assembly
6	#SP8484	Solenoid Valve
7	#32906	6V Lithium Battery
8	#52312	Check Valve
9	#SP8487	Deck Mounting Hardware
10	#SP8488	SS Braided Hose
11	#SP8485	Mixer



ELECTRONIC FAUCET PARTS

**CHICAGO
FAUCETS** 

#83162 (116.123.AB.1)



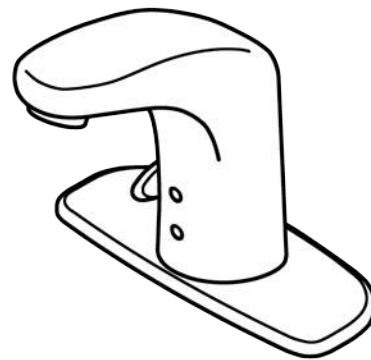
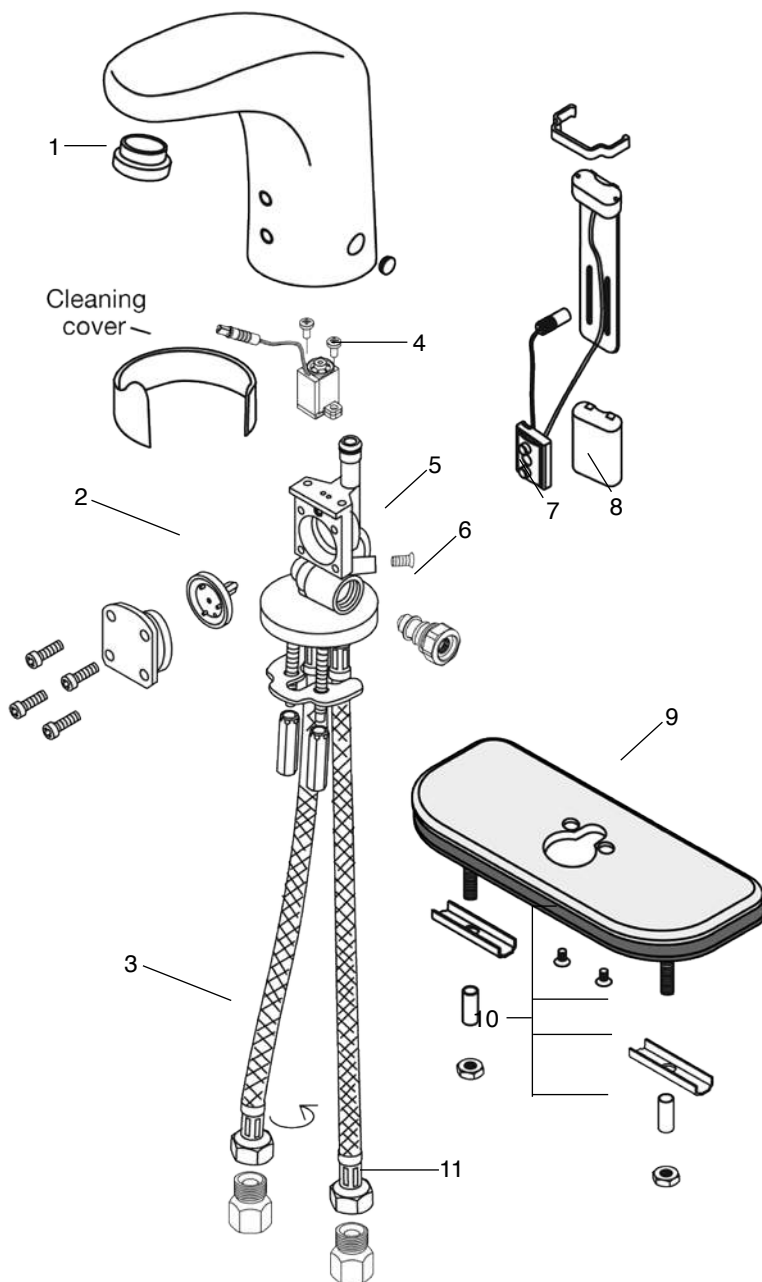
1	#85718	Base with Hole
2	#85719	Check Valves and O-Rings
3	#SP5934	Gooseneck Spout
4	#85724	2.2 GPM and 0.5 GPM VP Outlet
5	#84589	AB Module and Battery Holder
6	#82833	AC Power Adapter
7	#85426	AB Bonnet
8	#SP8484	Solenoid Valve
9	#85427	Shut-off Screw Assembly
10	#SP8485	Mixer
11	#SP8487	Deck Mounting Hardware
12	#SP8488	SS Braided Hose
13	#82832	Filter/Screen



FAUCETS



ULTRA-SENSE® S-6080 Series Sensor-Operated Lavatory Faucet from March 2001 to Date



#SP5755

**Complete Single Hole Faucet with
Side Mixer and Two Supply Lines**

*This faucet can be field adjusted to remove
the side mixer. It also can be field adjusted
to be a single supply faucet.*

1	#56416	Aerator
2	#51506	Solenoid Valve Membrane
3	#58812	Supply Hoses
4	#56684	Pilot Valve Repair Kit
5	#56681	Housing Screw
6	#56682	Mixer
7	#51504	Sensor Repair Kit
8	#SP6216	6V Lithium Battery
9	#83640	Deck Plate (4")
10	#83377	Mounting Kit Includes: Mounting Screws Anchor Bar Spirol Spacer Nut
11	#56685	Check Strainer Kit



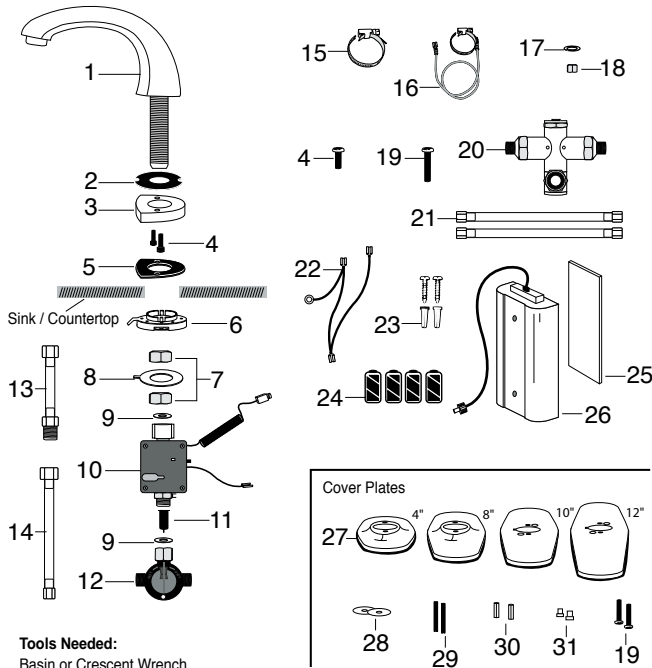
ELECTRONIC FAUCET PARTS



#82048 (500484)
4" CP Auto Faucet
w/ Surround Sensor Technology

#82139 (500485)
8" CP Auto Faucet
w/ Surround Sensor Technology

#82715 (500483)
Single Hole Auto Lav Faucet
w/ Surround Sensor Technology



Tools Needed:
Basin or Crescent Wrench,
Slotted and Phillips Screwdriver

1 #86075	Faucet Spout	17 #86088	Split Lock Washer
2 #86076	Rubber Gasket	18 #86089	Nut
3 #86077	Insulator	19 #86090	M4 X 12MM Screws
4 #86078	M4 X 25MM Screw	20 #86091	Thermostatic Mixing Valve
5 #86079	Gasket	21 #86092	12" Supply Hose
6 #86080	Grounding Spacer	22 #86093	Ground Insulation Wires
7 #86081	Mounting Nut	23 #86094	Battery Screws & Anchors
8 #86082	Sensor Washer	24 #32740	"D" Cell Alkaline Batteries
9 #86083	Rubber Washer	25 #86095	Double-Sided Foam Tape
10 #82875	Valve Control Module	26 #86096	Battery Compartment
11 #84530	Dirt Filter	27 #81593	4" Cover Plate
12 #84531	Mixing Valve	#86097	8" Cover Plate
13 #86084	6" Extension Hose	28 #86098	Washers for Cover Plate
14 #86085	Main Supply Line Hose	29 #86099	Cover Plate Studs
15 #86086	Drain Ground Clamp	30 #87000	Hex Nuts for Cover Plate
16 #86087	Earth Ground Kit	31 #87001	Screw Spacer

TOTO SELF-GENERATING ECOPOWER SYSTEM SENSOR FAUCET WITH STANDARD SPOUT

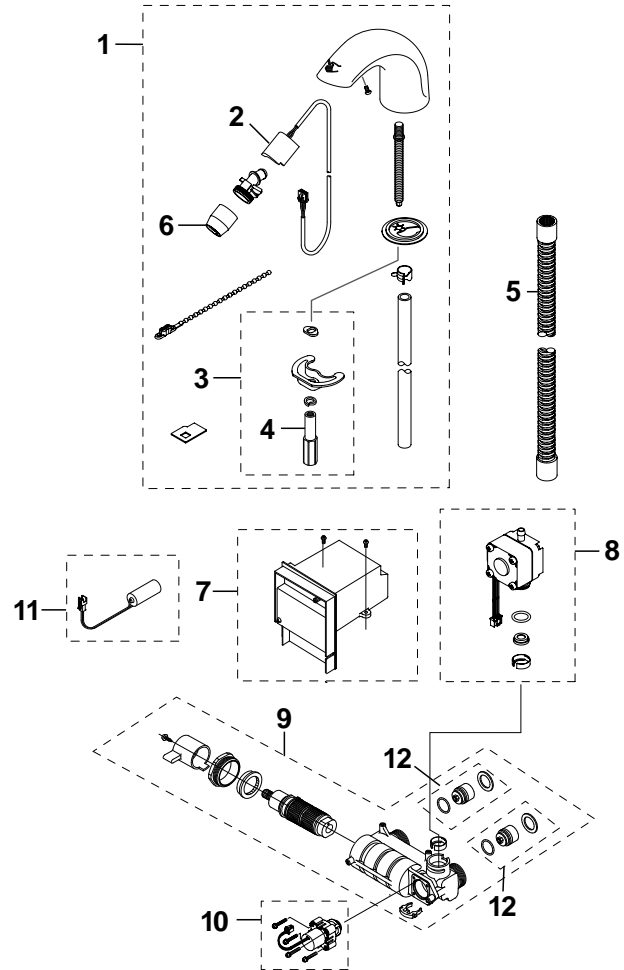


#80465 (TEL5GSC-60)

#80805 (TEL5GS-10)



- Integral thermostatic mixer
- Continuous discharge up to 60 seconds.
- Must specify 4" (#SP5428) or 8" (#56652) cover plate
- Also available in gooseneck



1 #85661	Spout Assembly
2 #83392	Sensor
3 #SP8473	Spout Mounting Kit
4 #SP8474	Spout Nut
5 #85662	Flexible Tube
6 #84365	Nozzle Assembly
7 #85663	Thermal Dynamo Control Unit 10 sec.
#85664	Thermal Dynamo Control Unit 60 sec.
8 #84782	Dynamo & Flow Control Unit
9 #84298	Thermal Mixing Valve
10 #82445	Solenoid & Diaphragm Assembly
11 #56856	Backup Battery
12 #84868	Check Valve



ELECTRONIC FAUCET PARTS

ZURN AQUASENSE E-Z SENSOR FAUCET SERIES



#59250 (Z6912) Single Hole

#81077 (Z6912-CP4) w/4" Plate

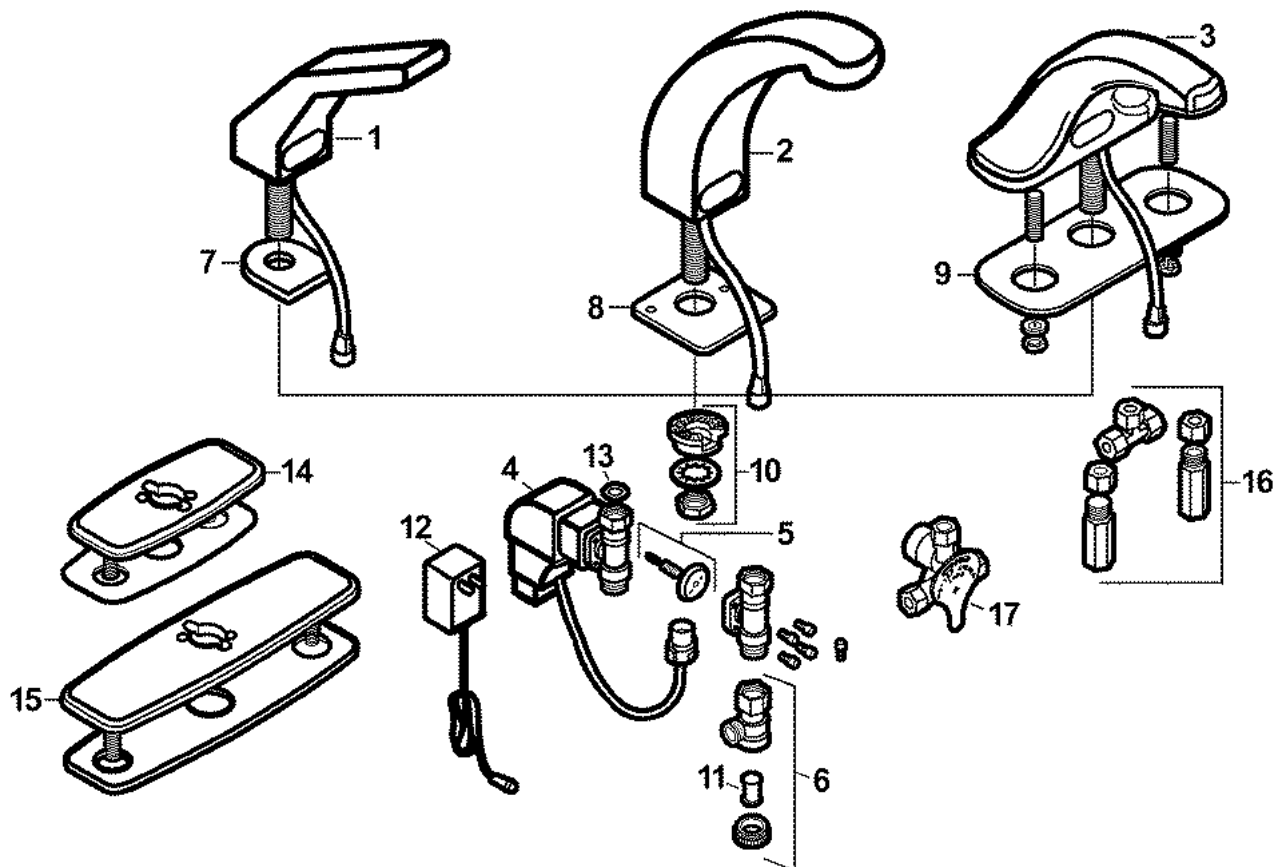
#81078 (Z6912-CP8) w/8" Plate

#81518 (Z6913) Single Hole

#81077 (Z6913-CP4) w/4" Plate

#80332 (Z6913-CP8) w/8" Plate

80323 (Z6915) w/4" Plate



1	#58267	Spout Assembly with Sensor	10	#56860	Mounting Kit
2	#81087	Spout Assembly with Sensor	11	#58301	Filter Screen
3	#81088	Spout Assembly with Sensor	12	#81082	Optional Plug-In Power Converter
4	#58996	Electronics Box with Solenoid	13	#81084	Shank Connection Gasket
5	#56698	Solenoid Rebuild Kit (Diaphragm, Plunger & Plunger Spring)	14	#81085	4" Cast Cover Plate with Gasket
6	#56699	Filter Kit	15	#81086	8" Cast Cover Plate with Gasket
7	#81089	Base Plate Gasket	16	#56752	Mixing Tee with Filters and Backchecks
8	#81090	Base Plate Gasket	17	CALL FOR ASSISTANCE	Manual Mixing Valve with Filter and Backchecks
9	#81091	Base Plate Gasket			

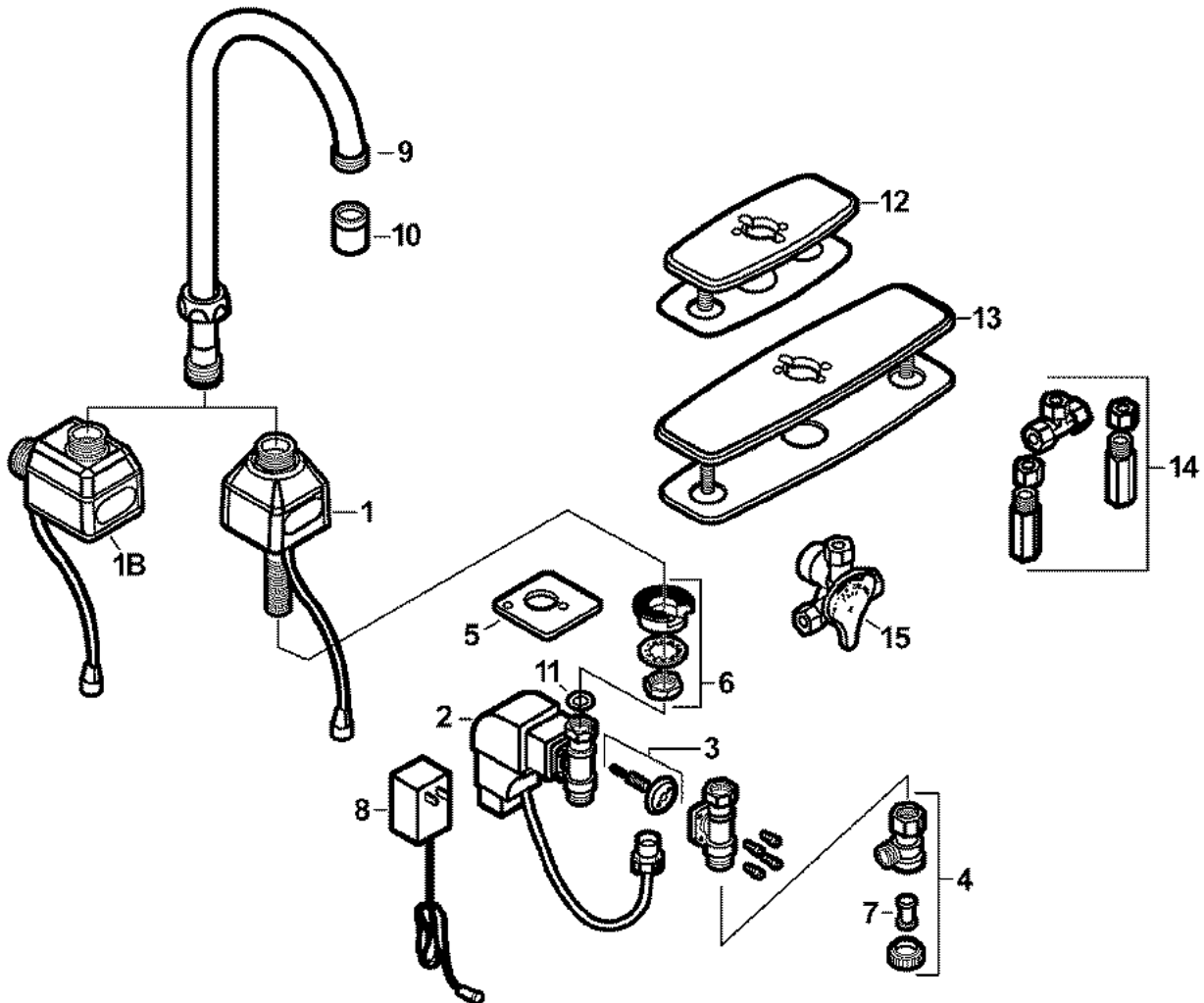


ELECTRONIC FAUCET PARTS

81728 (26920) **Deck Mount**

81079 (26922) **Back Mount**

SENSOR FAUCET REPLACEMENT PARTS



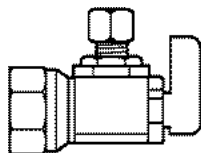
1	#81080	Spout Base with Sensor Assembly	8	#81082	Optional Plug-In Power Converter
1B	#81092	Back Mounted Spout Base with Sensor Assembly	9	#81083	5-3/8" Gooseneck Spout with Nut
2	#58996	Electronics Box with Solenoid	10	#05001	2.0 GPM Vandal Resistant Aerator
3	#56698	Solenoid Rebuild Kit (Diaphragm, Plunger & Plunger Spring)	11	#81084	Shank Gasket
4	#56699	Filter Kit	12	#81085	4" Cast Cover Plate with Gasket
5	#81081	Base Plate Gasket	13	#81086	8" Cast Cover Plate with Gasket
6	#56860	Mounting Kit	14	#56752	Mixing Tee with Filters & Backchecks
7	#58301	Filter Screen	15	CALL FOR ASSISTANCE	Manual Mixing Valve with Filters & Backchecks



STOP VALVES



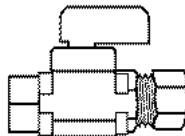
HEAVY DUTY BALL VALVE



PART#	INLET	OUTLET OD
#51440	3/8 IPS	3/8
#52150	1/2 SWEAT	3/8
#51443	1/2 IPS	3/8
#51464	1/2 IPS	1/2
#52151	5/8 OD	3/8
#52152	5/8 OD	1/2



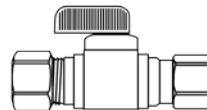
HEAVY DUTY CP STRAIGHT STOP BALL VALVE



PART#	INLET	OUTLET OD
#51465	3/8 IPS	3/8
#52147	1/2 SWEAT	3/8
#51467	1/2 IPS	3/8
#51468	1/2 IPS	1/2
#52148	5/8 OD	3/8
#52149	5/8 OD	1/2

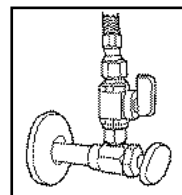


HEAVY DUTY ADD-A-STOP REPAIR VALVE



*Quick & easy!
Just screw it on!*

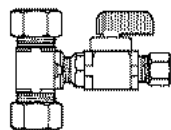
PART #	INLET FEMALE OD	OUTLET OD	TYPE
#51407	3/8"	3/8"	Straight
#SP10677	3/8"	1/4"	Straight
#80281	1/2"	3/8"	Straight
#82571	3/8"	3/8"	Angle
#56885	1/2"	1/2"	Straight



*Retrofit style piggybacks existing compression stop.
No need to replace existing stop!*

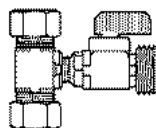


ADD-A-BALL VALVE



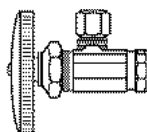
#57139
5/8 OD x 5/8 OD x 1/4 OD

#57143
5/8 OD x 5/8 OD x 3/8 OD

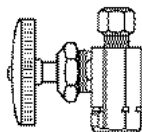


#57144
5/8 OD x 5/8 OD x Hose

ANGLE STOP



STRAIGHT STOP



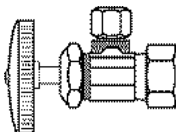
THREADED PIPE

I.P.S. TO COMPRESSION

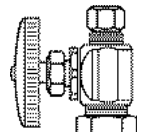
PART #	I.P.S.	O.D. RISER TUBE	TYPE
#04708	3/8"	3/8"	Angle
#04709	1/2"	3/8"	Angle
#04711	1/2"	1/2"	Angle
#04712	3/8"	3/8"	Straight
#04713	1/2"	3/8"	Straight
#04715	1/2"	1/2"	Straight

Loose key (vandal proof) available upon request

ANGLE STOP



STRAIGHT STOP



COMPRESSION

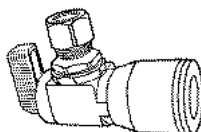
COMPRESSION TO COMPRESSION

PART #	SLIP OVER WATER TUBE O.D.	O.D. RISER TUBE	TYPE
#44428	5/8"	3/8"	Angle
#44430	5/8"	1/2"	Angle
#44429	5/8"	3/8"	Straight
#44431	5/8"	1/2"	Straight

Loose key (vandal proof) available upon request

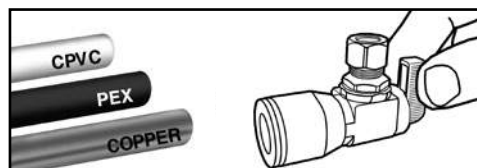


QUICK-GRIP PUSH ON STOP



*Simply clean,
de-burr the pipe
and push it on!*

PART #	QUICK GRIP O.D.	COMP O.D.	TYPE
#83319	5/8"	1/4"	Straight
#83320	5/8"	1/4"	Angle
#82780	5/8"	3/8"	Straight
#80463	5/8"	3/8"	Angle
#83321	5/8"	1/2"	Straight
#83322	5/8"	1/2"	Angle



- For 1/2" Copper pipe - No soldering or compression
- For 1/2" PEX - No crimping
- For 1/2" CPVC - No gluing



SUPPLY LINES

Fluidmaster

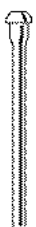


FLEXIBLE STAINLESS STEEL PLUMBING CONNECTORS

Can be used to simplify hook-ups for faucets, standard or full flow toilets, and water heaters. For maximum flex and durability, the one piece connectors combine an inner core of non-toxic polymer with a tough, braided stainless steel cover. Connectors are easy to install and require no special tools. Saves time and \$\$\$.

	PART #	LENGTH	FITTINGS
FAUCET CONNECTIONS	#40800259	9"	
	#40800236	12"	
	#40800237	16"	3/8" Female compression thread to
	#40800238	20"	1/2" IPS female straight thread
	#40800261	30"	
	#83057	36"	
	#40800239	12"	1/2" Female compression thread to
	#40800240	16"	1/2" IPS Female straight thread
	#40800241	20"	
	#40800242	12"	1/2" IPS Female straight thread to
	#40800243	16"	1/2" IPS Female straight thread
	#40800244	20"	
	#40800254	12"	3/8" Male compression to
	#40800255	20"	3/8" Female compression
	#40800258	12"	3/8" Female compression to
	#40800256	16"	3/8" Female compression
	#56720	20"	
TOILET CONNECTIONS	#40800257	6"	
	#40800380	9"	3/8" Female compression thread to
	#40800381	12"	7/8" Female ballcock thread
	#40800247	16"	
	#40800382	9"	1/2" Female compression thread to
	#40800383	12"	7/8" Female ballcock thread
	#40800250	16"	
DISHWASHER CONNECTIONS	#81318	12"	3/8" Female compression thread to 7/8" Female ballcock thread
	#40800251	48"	3/8" Female compression thread to
WASHING MACHINE CONNECTIONS	#40800252	72"	3/8" Female compression thread
	#40800235	60"	3/4" Hose fitting to 3/4" hose fitting
ICE MAKER	#40800253	72"	
	#40800260	120"	1/4" Female compression to 1/4" Female compression

C.P. FLEXIBLE COPPER LAV TUBE



#04696	3/8" x 12"
#04697	3/8" x 20"
#04698	3/8" x 30"
#04699	1/2" x 12"
#04700	1/2" x 20"

C.P. FLEXIBLE COPPER CLOSET TUBE



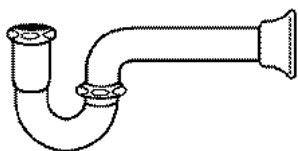
#04701	3/8" x 12"
#04702	3/8" x 20"
#04704	1/2" x 20"



TUBULAR CHROME



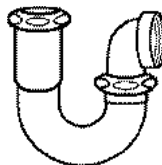
"P" TRAP - 17 GAUGE



#04921 1-1/4"
#04922 1-1/2"

The best trap you can buy!

SINK TRAP - GROUND JOINT 17 GAUGE

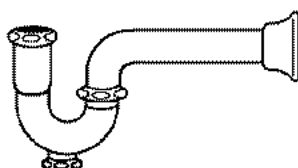


#04913 1-1/4"
#04914 1-1/2"
#04915 1-1/2" x 1-1/4"

Slip joint available upon request

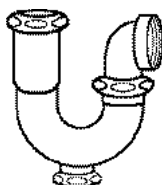


"P" TRAP WITH CLEAN OUT - 17 GAUGE



#44012 1-1/4"
#44013 1-1/2"
#44335 2"

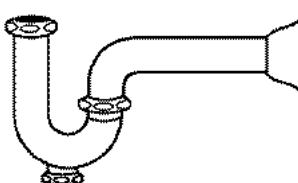
SINK TRAP - GROUND JOINT WITH CLEAN OUT



#44397 1-1/2"
17 Gauge
#44156 2" - Semi cast only

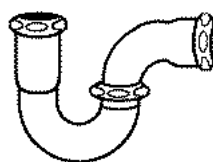
Slip joint available upon request

SEMI-CAST "P" TRAP WITH CLEAN OUT



#44014 1-1/4"
#44015 1-1/2"

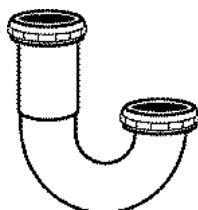
REPAIR TRAPS - 17 GAUGE



#04990 1-1/4"
#04991 1-1/2"

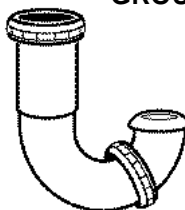
- Slip joint connection
- No need to desolder tube from wall. Just cut & slip over existing tube.

"P" TRAP "J" BEND 17 GAUGE



#04923 1-1/4"
#04924 1-1/2"

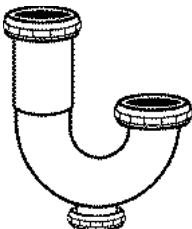
SINK TRAP "J" BEND GROUND JOINT - 17 GAUGE



#04916 1-1/4"
#04917 1-1/2"

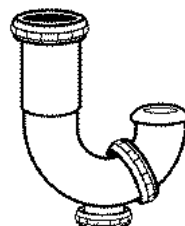
Slip joint available upon request

"P" TRAP "J" BEND WITH CLEAN OUT 17 GAUGE



#44118 1-1/4"
#44119 1-1/2"

SINK TRAP "J" BEND GROUND JOINT AND CLEAN OUT 17 GAUGE



#44120 1-1/4"
#44121 1-1/2"

Slip joint available upon request



TUBULAR CHROME

EXTENSION TUBE SLIP JOINT - 17 GAUGE



#04936	1-1/4" x 6"
#04937	1-1/4" x 8"
#04938	1-1/4" x 12"
#04939	1-1/2" x 6"
#04940	1-1/2" x 8"
#04941	1-1/2" x 12"

DOUBLE SLIP JOINT EXTENSION TUBE 17 GAUGE



#82667	1-1/2" x 16"
--------	--------------

EXTENSION TUBES - 17 GAUGE THREADED BOTH ENDS



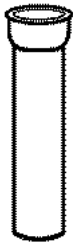
#44025	1-1/4" x 6"
#04824	1-1/4" x 8"
#04825	1-1/4" x 12"
#04826	1-1/2" x 8"
#04827	1-1/2" x 12"

EXTENSION TUBES - 17 GAUGE EXPANDED THREADS - ONE END



#44028	1-1/2" x 1-1/4" x 8"
--------	----------------------

REDUCING FLANGED SINK TAILPIECE - 17 GAUGE



#04819	1-1/2" x 1-1/4" x 6"
#04820	1-1/2" x 1-1/4" x 8"
#44021	1-1/2" x 1-1/4" x 12"

EXTENSION TUBE - 17 GAUGE SOLDER TYPE



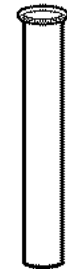
#04931	1-1/4" x 8"
#04932	1-1/4" x 12"
#04934	1-1/2" x 8"
#04935	1-1/2" x 12"

FLANGED SINK TAILPIECE - 17 GAUGE



#04821	1-1/2" x 6"
#04822	1-1/2" x 8"
#04823	1-1/2" x 12"

TUBULAR CHROME TAILPIECE 17 GAUGE



#53606	1-1/4" x 8"
--------	-------------

DOUBLE FLANGED TAILPIECE 17 GAUGE



#51666	1-1/2" x 16"
--------	--------------

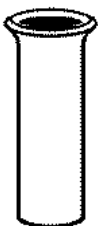
DIE CAST SLIP JOINT NUT CHROME PLATED (BUDGET)

Includes washer



#04835	1-1/4"
#04836	1-1/2" x 1-1/4"
#04838	1-1/2"
#04839	2"
#04837	2" x 1-1/2"

2" FLANGED SINK TAILPIECE - 17 GAUGE



#44029	2" x 6"
#44030	2" x 8"
#44031	2" x 12"

CAST SLIP JOINT NUT CHROME PLATED

Includes washer

HEAVY
CAST
BRASS!



#04840	1-1/4"
#04841	1-1/2" x 1-1/4"
#04842	1-1/2"
#04843	2"
#04844	2" x 1-1/2"

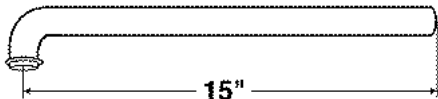


TUBULAR CHROME

WALL BEND FOR "P" TRAP EXTRA LONG - 17 GAUGE

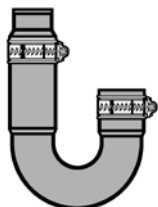
#44005 1-1/4" x 15"

#44006 1-1/2" x 15"



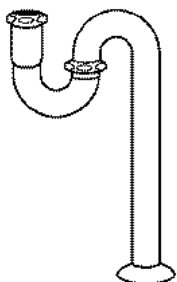
#04947 RUBBER "J" BEND

REPLACES 1-1/2" OR 1-1/4"
PLASTIC OR BRASS DRAIN TRAPS



- Flexible - adjusts for misalignments
- Resists freeze damage
- Squeeze to clean
- Easy to install with screwdriver or nut driver

"S" TRAP - 17 GAUGE



#04919 1-1/4"

#04920 1-1/2"

FLOOR AND CEILING PLATES CHROME PLATED PLASTIC - FLEXIBLE

TRY
THIS!



FITS		COPPER
#44205	3/8" IPS	#44201 1/2" (5/8 OD)
#44196	1/2" IPS	#44202 3/4" (7/8 OD)
#44197	3/4" IPS	#44203 1" (1-1/8" OD)
#44198	1" IPS	#44204 1-1/4" (1-3/8" OD)
#44199	1-1/4" IPS	#44776 1-1/2" (1-5/8" OD)
#44200	1-1/2" IPS	#44777 2" (2-1/8" OD)

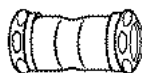
Other sizes available on request

CHROME PLATED BOX FLANGE



#44191	1-1/4" OD
#44192	1-1/2" OD
#44194	1-1/4" IPS
#44195	1-1/2" IPS

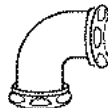
SLIP JOINT COUPLING



#04831 1-1/4"

#04830 1-1/2"

SLIP JOINT ELBOWS



90°

#04829 1-1/4"

#04828 1-1/2"

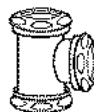


45°

#04833 1-1/4"

#04832 1-1/2"

SLIP JOINT TEE



#04834 1-1/2"

CHROME PLATED LOW PATTERN SURE GRIP FLANGE



#04675	3/8" OD	#04680	1/2" IPS
#44775	5/8" OD	#44400	3/4" IPS
#04677	1-1/4" OD	#44401	1" IPS
#04678	1-1/2" OD	#44402	1-1/4" IPS
#04679	3/8" IPS		

Other sizes available on request

DESANCO WASTE CONNECTIONS - BRASS WITH CHROME PLATED BRASS NUTS



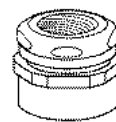
FEMALE SWEAT

#44008	1-1/4" OD x 1-1/4"
#44009	1-1/4" OD x 1-1/2"
#44010	1-1/2" OD x 1-1/2"



MALE IPS THREAD

#04647	1-1/4" OD x 1-1/4"
#04648	1-1/4" OD x 1-1/2"
#04649	1-1/2" OD x 1-1/2"



FEMALE IPS THREAD

#04653	1-1/4" OD x 1-1/4"
#04654	1-1/4" OD x 1-1/2"
#04655	1-1/2" OD x 1-1/2"

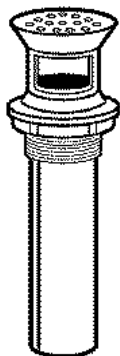
Other sizes and styles available on request



LAV DRAINS

INSTITUTIONAL NON- REMOVABLE CHROME GRID STRAINER

**Heavy
Cast Brass!**



**A must
for every
commercial
lavatory!**

#04929

1-1/4" x 6"
17 Gauge tailpiece

**Most
Popular!**

#04929EC

Budget

#44789

1-1/2" x 6"
17 Gauge tailpiece

#59553

1-1/4" x 6"
3/8" Center Opening

#SP3615

1-1/4" x 6"
Less overflow holes

PUSH PULL LAVATORY DRAIN

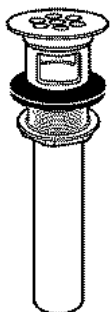


#44414 C.P. Brass

- No linkage to adjust or break
- Theft resistant stopper
- Trouble free for hotels, motels, and rental Property as well as for individual homes
- Push to close - pull to open
- Holds firm at any in-between position
- Replaceable drip proof buna-n seal
- Designed to fit any lavatory with built-in overflow

#55255 CO Type - No overflow
Press Flow operation

**CHICAGO
FAUCETS**

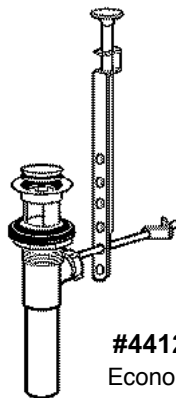


CHICAGO FAUCET GRID STRAINER

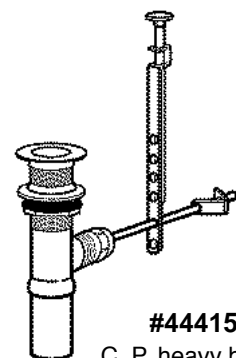
#SP8389 (327-XCP)

1-1/4" x 6"

POP-UP DRAIN ASSEMBLIES



#44128
Economy



#44415
C. P. heavy brass

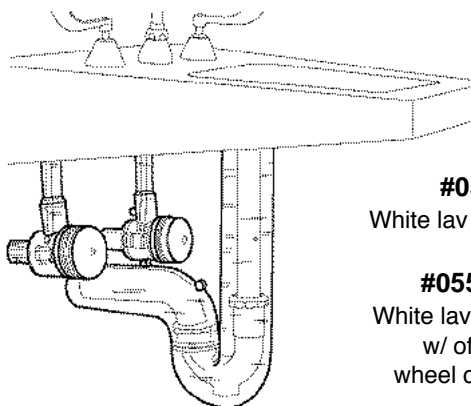


BEEHIVE GRID STRAINER

#54320

Debris will not clog drain

LAV INSULATION KITS



#05599
White lav insulation kit

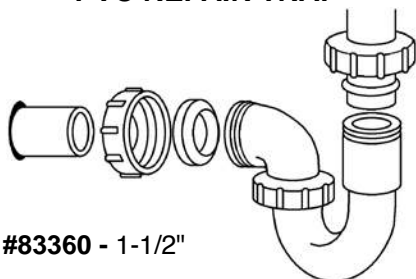
#05599OS
White lav insulation kit
w/ offset for
wheel chair drain

Other styles available. Call for assistance.



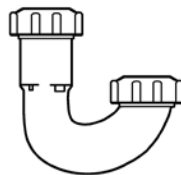
PLASTIC TUBULAR

PVC REPAIR TRAP



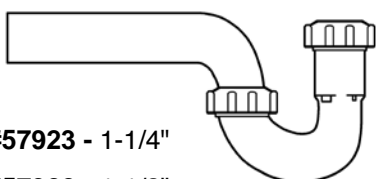
#83360 - 1-1/2"

PVC J-BEND



#83362 1-1/2"

PVC-TRAP



#57923 - 1-1/4"

#57922 - 1-1/2"

PVC FLANGED TAILPIECE DOUBLE END



#59483 1-1/2" x 12"

#83365 1-1/2" x 16"

PVC FLANGED TAILPIECE



#54125 - 1-1/2" x 8"

#59423 - 1-1/2" x 12"

PVC SLIP JOINT EXTENSION



#83395 1-1/2" x 6"

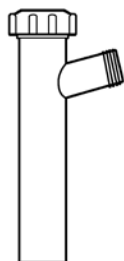
#83396 1-1/2" x 8"

#59434 1-1/4" x 12"

#54712 1-1/2" x 12"

#SP8990 1-1/2" x 16"
double end

PVC BRANCH TAILPIECE



#83343

1-1/2" Direct connect, 1/2" arm

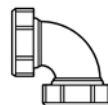
#83344

1-1/2" Slip joint, 1/2" arm

PVC SLIP ELBOWS

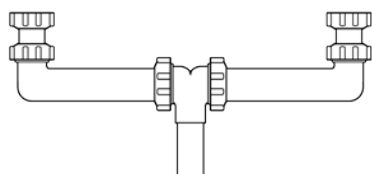


#83346 1-1/2", 45°



#83347 1-1/2", 90°

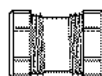
PVC PLASTIC CENTER OUTLET WASTE



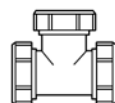
#83349

1-1/2 x 16"

PVC SLIP COUPLING



#83345 1-1/2"



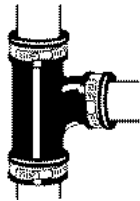
PVC SLIP TEE

#83348 1-1/2"





DWV FLEXIBLE TEE



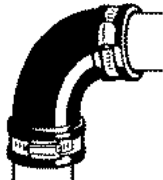
#44150	1-1/2"
#44329	2"
#44330	3"
#44331	4"

PLEASE
SPECIFY
TYPE OF
PIPE WHEN
ORDERING

- Allows for alteration or replacement of drain waste or vent fittings.
- Fits all common household pipes including cast iron, plastic, copper, and lead.



DWV FLEXIBLE ELBOW



#44151	1-1/2"
#44332	2"
#44333	3"
#44334	4"

PLEASE
SPECIFY
TYPE OF
PIPE WHEN
ORDERING

- Fits all common household pipes including cast iron, plastic, copper, and lead.
- Ideal replacement for fittings cut out at the joint during alteration or repair.



#44153

TUBULAR DRAIN PIPE CONNECTOR



- Quick, easy way to extend, alter, or repair any combination of 1-1/2" or 1-1/4" brass or plastic tubular.
- An economical leak free seal on sink lavatory, garbage disposal and laundry tub drainage systems.



CAST IRON OR PLASTIC TO TUBULAR



#44155

1-1/2" cast iron or plastic to 1-1/2" or 1-1/4" tubular

#44157

2" cast iron or plastic to 1-1/2" or 1-1/4" tubular



#44152

DISHWASHER CONNECTOR



- Connects dishwasher hose to sink drains
- PVC material



CAPS

Fits Cast Iron or Plastic



PART #	SIZE	PART #	SIZE
#50729	1-1/2"	#52347	4"
#50730	2"	#52555	5"
#52346	3"	#52556	6"

"MICRO" STAINLESS STEEL HOSE CLAMP



PART #	CLAMP MIN.	DIAMETER MAX.
#44180	7/32"	5/8"
#44181	7/16"	25/32"



FLEXIBLE CONNECTORS

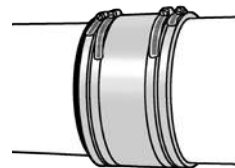
Fits Cast Iron Or Plastic To Cast Iron Or Plastic



PART #	SIZE	PART #	SIZE
#56132	3/4"	#51093	2"
#56133	1"	#55740	3"
#55993	1-1/4"	#55787	4"
#51157	1-1/2"	#82406	6"



STAINLESS STEEL SHEAR RINGS



Fernco's stainless steel shear rings are easy to attach and help maintain proper alignment in even the most unstable ground conditions. Bushings are supplied separately for material transition and size reduction.

Part#	Fits EC#	Fits Fernco#	Length	Width	Band Size
#85689	#51157	1056-150	9"	1.5"	32
#85690	#51093	1056-22	11"	1.5"	44
#85692	#55740	1056-33	15"	2"	64"
#85693	#55787	1056-44 1055-44	19"	2"	88
#85694	#82406	1056-66	25"	4"	116

Other Sizes Available



CAST IRON NO HUB COUPLINGS

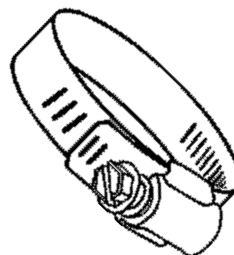


PART #	SIZE
#55515	1-1/2"
#56448	2"
#53282	3"
#53283	4"
#51568	6"

Other Types and Sizes Available On Request

STAINLESS STEEL HOSE CLAMPS

PART #	CLAMP MIN.	DIAMETER MAX.	PART #	CLAMP MIN.	DIAMETER MAX.
#27030	1/2"	29/32"	#27035	13/16"	1-3/4"
#27031	9/16"	1-1/16"	#27036	1-1/16"	2"
#27033	11/16"	1-1/4"	#27037	1-5/16"	2-1/4"
#27034	13/16"	1-1/2"	#27038	1-9/16"	2-1/2"
			#44167	1-13/16"	2-3/4"
			#44168	2-1/16"	3"
			#44169	2-5/16"	3-1/4"
			#44170	2-9/16"	3-1/2"
			#44171	2-13/16"	3-3/4"
			#44172	3-1/16"	4"
			#44173	3-9/16"	4-1/2"
			#44174	1-7/8"	5"
			#44176	3-1/8"	6"
			#44177	3-5/8"	6-1/2"



SLIP JOINT WASHERS

SLIP JOINT WASHERS



THIN

	TRADE	I.D.	O.D.	THICK
#04901	1-1/4"L	1-1/4"	1-3/8"	1/16"
#04902	1-1/2"L	1-1/2"	1-5/8"	1/16"

MEDIUM (MOST COMMON)

#04903	1-1/4"M	1-1/4"	1-1/2"	1/8"
#04904	1-1/2"M	1-1/2"	1-11/16"	3/32"
#04905	2"M	1-7/8"	2-1/16"	3/32"

FOR SHALLOW TAILPIECES

#04906	1-1/4"T	1-3/16"	1-3/8"	3/32"
#04907	1-1/2"T	1-7/16"	1-11/16"	1/8"

REG HEAVY DUTY

#04908	1-1/4"H	1-1/4"	1-1/2"	3/16"
#04909	1-1/2"H	1-1/2"	1-11/16"	3/32"

EXTRA HEAVY DUTY

#04910	1-1/2" x 1-1/4"	1-1/4"	1-3/4"	1/4"
--------	-----------------	--------	--------	------

D-RING SLIP JOINT WASHERS

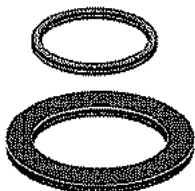


#04897

Molded Rubber, 1" I.D. x 1-11/32" O.D. x 11/64" Wall
Fits Regular 1-1/4" and 2" Slip Joint Nuts

FLANGED STRAINER COUPLING WASHERS

CLOTH INSERTED RUBBER



	TRADE	I.D.	O.D.	THICK
#04896	1-1/2"	1-3/8"	1-3/4"	1/8"

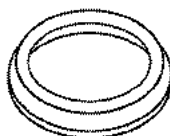
#44790	2"	1-1/2"	2-1/4"	1/8"
--------	----	--------	--------	------

POLYETHYLENE WASHERS



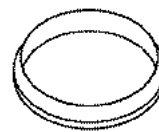
#04898

1-1/2" Flanged Washer



#50832

1-1/2" x 1-1/4" Reducing
Beveled Slip Joint Washer



#04900

1-1/2" Beveled S. J. Washer

#04899

1-1/4" Beveled S. J. Washer

MACK LAVATORY GASKET












































	TRADE	I.D.	O.D.	THICK
#04891	1-1/4"	1-1/4"	2"	3/8"
#44439	1-1/4"	1-7/32"	2-5/16"	3/8"
#44440	1-1/4"	1-1/4"	2-1/4"	7/16"
#44441	1-1/2"	1-3/8"	2-7/16"	5/16"



"O" RINGS

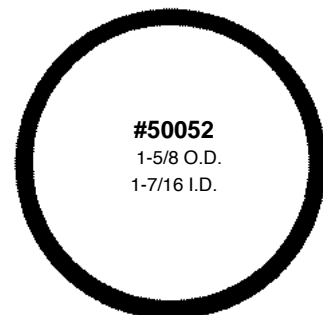
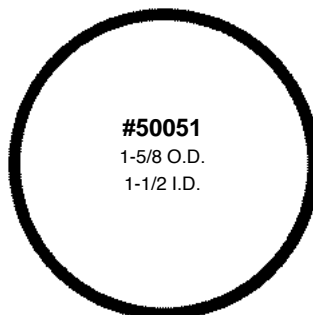
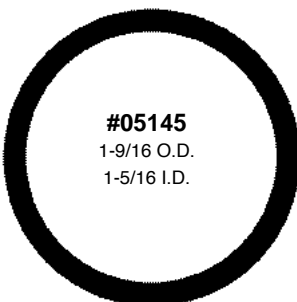
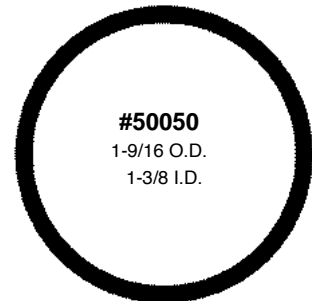
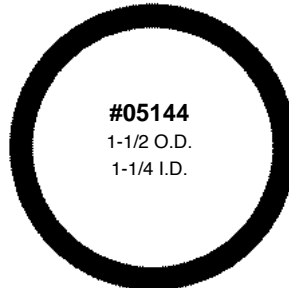
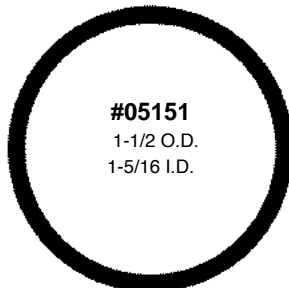
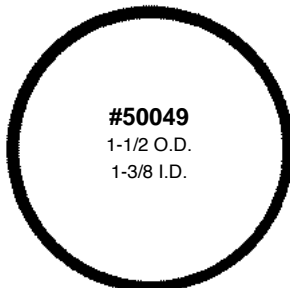
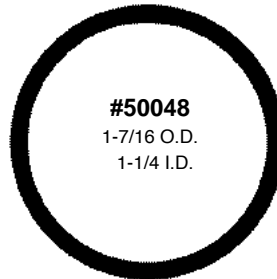
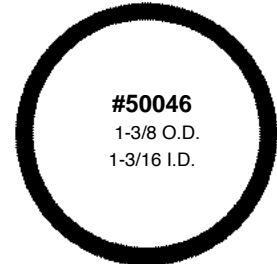
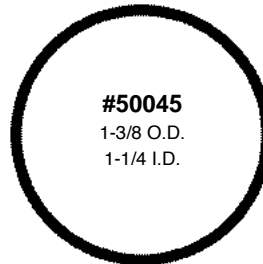
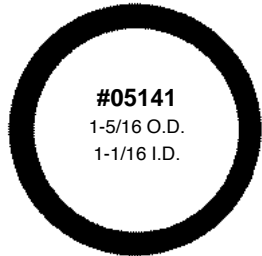
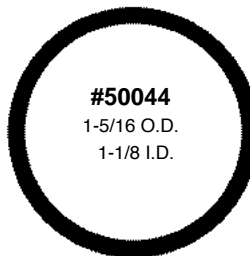
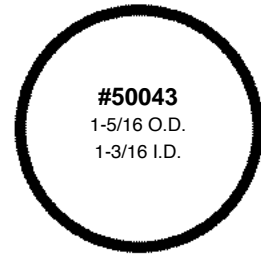
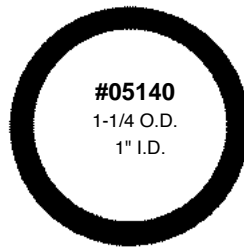
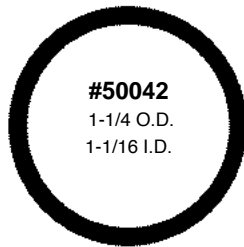
ACTUAL SIZE

 #05121 1/4 O.D. 1/8 I.D.	 #05122 9/32 O.D. 5/32 I.D.	 #05123 5/16 O.D. 3/16 I.D.	 #05124 11/32 O.D. 7/32 I.D.	 #05125 3/8 O.D. 1/4 I.D.	 # 50024 7/16 O.D. 1/4 I.D.	 #05126 7/16 O.D. 5/16 I.D.	 #05127 1/2 O.D. 3/8 I.D.	 #50026 1/2 O.D. 5/16 I.D.
 # 50027 1/2 O.D. 1/4 I.D.	 # 50028 9/16 O.D. 7/16 I.D.	 #05128 9/16 O.D. 3/8 I.D.	 #05149 9/16 O.D. 5/16 I.D.	 #05129 5/8 O.D. 7/16 I.D.	 #05150 5/8 O.D. 1/2 I.D.	 #05162 11/16 O.D. 9/16 I.D.	 #05130 11/16 O.D. 1/2 I.D.	
 #50030 11/16 O.D. 7/16 I.D.	 #05163 23/32 O.D. 15/32 I.D.	 #50032 3/4 O.D. 5/8 I.D.	 #50033 3/4 O.D. 1/2 I.D.	 #05131 3/4 O.D. 9/16 I.D.	 #05133 13/16 O.D. 11/16 I.D.	 #05132 13/16 O.D. 5/8 I.D.		
 #05155 7/8 O.D. 3/4 I.D.	 #05134 7/8 O.D. 11/16 I.D.	 #50034 7/8 O.D. 5/8 I.D.	 #50035 15/16 O.D. 13/16 I.D.	 #05135 15/16 O.D. 3/4 I.D.	 #50036 1 O.D. 7/8 I.D.			
 #50037 1 O.D. 13/16 I.D.	 #05136 1 O.D. 3/4 I.D.	 #05154 1-1/16 O.D. 15/16 I.D.	 #05152 1-1/16 O.D. 7/8 I.D.	 #05137 1-1/16 O.D. 13/16 I.D.	 # 50038 1-3/8 O.D. 1" I.D.			
 #05164 1-1/8 O.D. 15/16 I.D.	 #05138 1-1/8 O.D. 7/8 I.D.	 #05161 1-3/16 O.D. 1-1/16 I.D.	 #05156 1-3/16 O.D. 1" I.D.	 #05139 1-3/16 O.D. 15/16 I.D.				



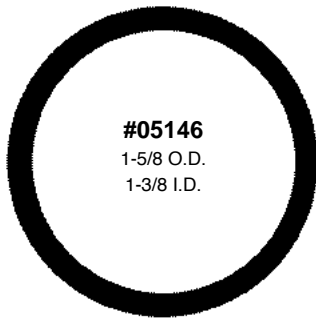
"O" RINGS

ACTUAL SIZE

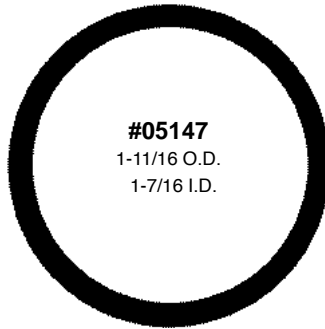


"O" RINGS

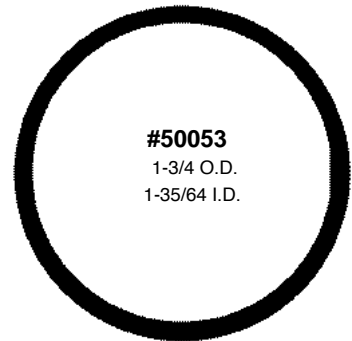
ACTUAL SIZE



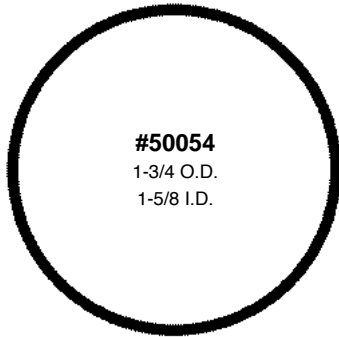
#05146
1-5/8 O.D.
1-3/8 I.D.



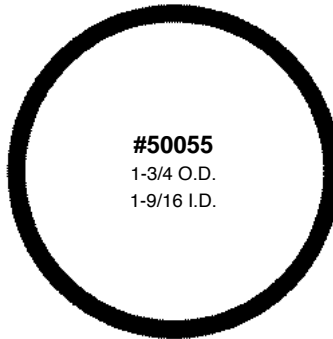
#05147
1-11/16 O.D.
1-7/16 I.D.



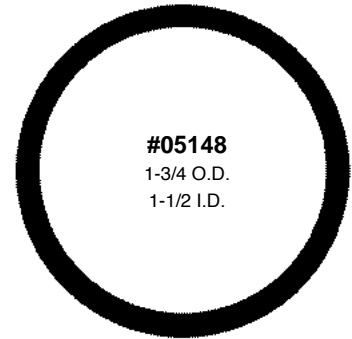
#50053
1-3/4 O.D.
1-35/64 I.D.



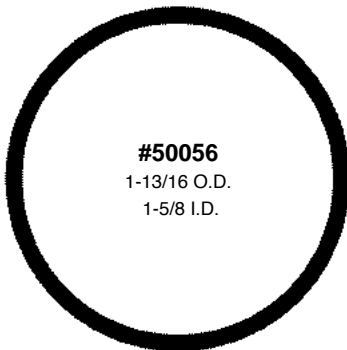
#50054
1-3/4 O.D.
1-5/8 I.D.



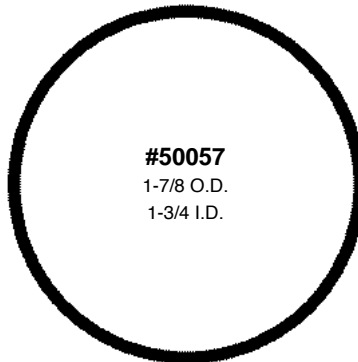
#50055
1-3/4 O.D.
1-9/16 I.D.



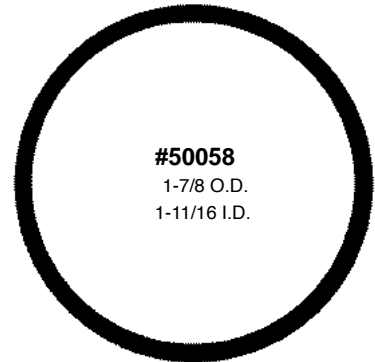
#05148
1-3/4 O.D.
1-1/2 I.D.



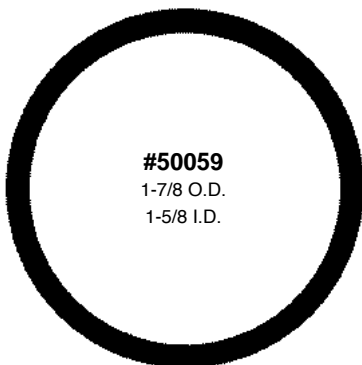
#50056
1-13/16 O.D.
1-5/8 I.D.



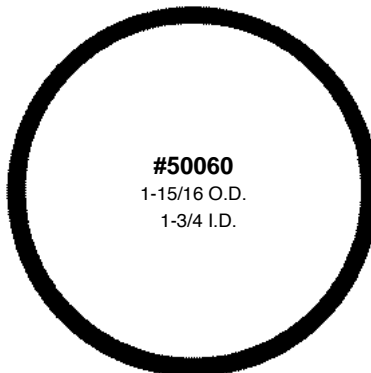
#50057
1-7/8 O.D.
1-3/4 I.D.



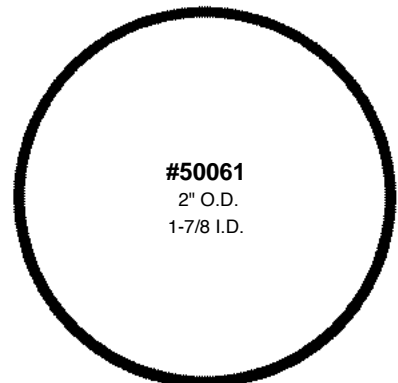
#50058
1-7/8 O.D.
1-11/16 I.D.



#50059
1-7/8 O.D.
1-5/8 I.D.



#50060
1-15/16 O.D.
1-3/4 I.D.



#50061
2" O.D.
1-7/8 I.D.



"O" RINGS

ACTUAL SIZE

#50062

2" O.D.
1-13/16.

#50063

2" O.D.
1-3/4 I.D.

#50064

2-1/16 O.D.
1-7/8 I.D.

#50065

2-1/8 O.D.
2" I.D.

#50066

2-1/8 O.D.
1-15/16 I.D.

#50067

2-1/8 O.D.
1-7/8 I.D.

WHEN IN DOUBT, SUPPLY A SAMPLE

#50068

2-3/16 O.D.
1-31/32 I.D.

#50535

2-1/4 O.D.
2-1/8 I.D.



AERATORS & ADAPTERS

SLOAN

SLOAN AERATORS



#80749
15/16 Female
Vandal Proof With Key
0.5 GPM



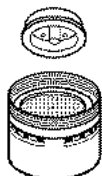
#54683
15/16 Male
Vandal Proof With Key
2.2 GPM

#59173
15/16 Male
Vandal Proof With Key
0.5 GPM



#80774
15/16 Male
2.2 GPM

#05007 SLOTTED 15/16" DUAL THREAD



- For use on regular 15/16" diameter with inside or outside threads
- With removable 2.2 GPM insert



#50266
Swivel Aerator
15/16 Dual thread
2.5 Gallons per minute.



#05022
13/16" Female
Chicago Faucet
to 15/16" Thread



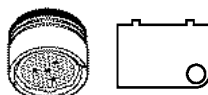
#50019
13/16" Extra Long For
Recessed Speakman



50010E
Fits Chicago Faucet
Goosenecks

SPEAKMAN®

SPEAKMAN AERATORS



#51702
13/16 Male Aerator
w/Groove & Key
2.2 GPM



#51126
15/16 Male VP
Aerator w/Key
2.0 GPM

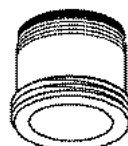
#50012 SANITARY LAMINAR FLOW



- 15/16" DIA - Dual threads
- 1.5 GPM
- Hospital approved. Excludes air from water stream. For use in demanding sanitary conditions. Laminar flow is completely silent and will not splash.



#05020
3/4 Garden Hose Thread
to 15/16" Thread



#05021
15/16 Dual Thread
(Top Threads)
to 3/4 Male Hose
(Bottom Threads)



#50020
15/16 dual thread (top threads), to 3/4 male hose thread (middle thread), to regular male aerator thread (bottom thread.)

CONVENIENT SIX PACK AERATOR TUBES



Other
Sizes
Available

#05404-6
15/16 Dual Thread
2.2 GPM

#05013-6
13/16 Male
2.2 GPM

#05018-6
13/16 Female
2.2 GPM

#57672-6
15/16 Dual Thread
1.0 GPM

#59517-6
13/16 Male
1.0 GPM

#80525-6
13/16 Female
1.0 GPM



#05331

Deluxe Aerator with Garden Hose Adapter

Adapts faucet aerator to 3/4" male garden hose threads with quick disconnect.



#50021
3/8 Male IPS
To 15/16" Thread




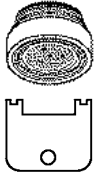

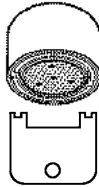


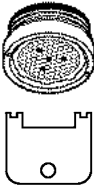

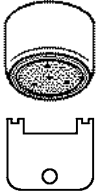









#50023
3/8" Female IPS
To 15/16" Thread



#05019
13/16" to 15/16"



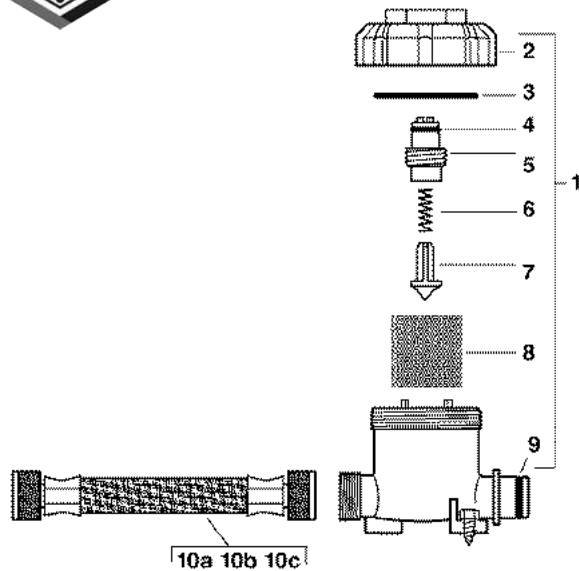
AERATORS

15/16" CHROME PLATED AERATORS	15/16 MALE	15/16 MALE VP	15/16 FEMALE	15/16 FEMALE VP	15/16 DUAL THREAD
					
0.35 GPM	#85645	#85648	#85646	#85649	#85650
0.5 GPM	#05004	#05006	#80423	#80603	#50016
1.0 GPM	#54434	#57617	#81400	#57618	#57672
1.5 GPM	#56328	#59691	#81633	#05009	#50070
1.75 GPM	#85635	#85637	#85636	#85638	#85639
2.2 GPM	#05002	#05001	#05005	#50013	#05404
13/16" CHROME PLATED AERATORS	13/16 MALE	13/16 MALE VP	13/16 FEMALE	13/16 FEMALE VP	13/16 MALE WITH TIGHTENING GROOVE
					
0.35 GPM	#85651	#85653	#85652	#85654	#85655
0.5 GPM	#54006	#56690	#05010	#05011	#80601
1.0 GPM	#59517	#80535	#80525	#80425	#80602
1.5 GPM	#52497	#52052	#05012	#05015	#45335
1.75 GPM	#85640	#85642	#85641	#85643	#85644
2.2 GPM	#05013	#05014	#05018	#05016	#80604
15/16" ANTIMICROBIAL CHROME PLATED AERATORS	15/16 MALE	15/16 MALE VP	15/16 FEMALE	15/16 FEMALE VP	FITS CHICAGO FAUCETS
					
1.5 GPM	#40310021	#40310023	#40310020	#40310022	#40310024
CHICAGO FAUCETS SOFT FLO AERATOR FOR CHICAGO FAUCETS	 Fits only Chicago Faucet 13/16"-24 female thread	#50010 2.2 GPM #81702 0.5 GPM #51257A 0.5 GPM Vandal Proof with Key	CHICAGO FAUCETS  #81223 2.2 GPM Fits Chicago OEM Faucet 13/16"-27 male thread	CHICAGO FAUCETS  Fits Chicago OEM Faucet 13/16"-27 male thread vandal proof	#51257 0.5 GPM Vandal Proof w/ Key #86284 1.5 GPM Vandal Proof w/ Key #81224 2.2 GPM Vandal Proof w/ Key





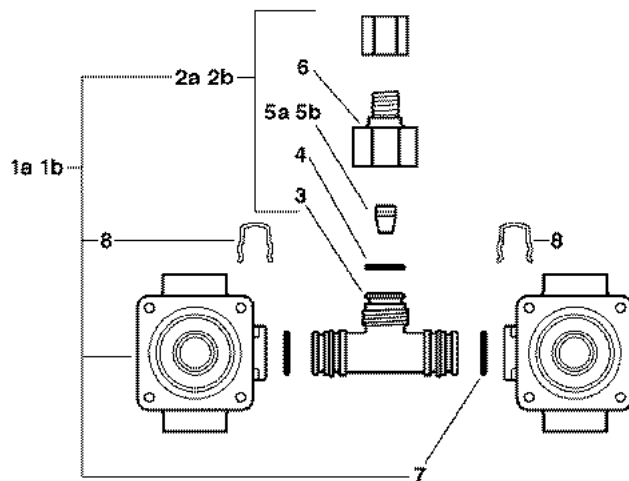
STRAINER CHECKSTOP PARTS & ASSEMBLY



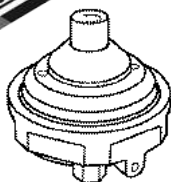
1	#57451	Checkstop Strainer Complete Assy.
2	#SP8725	Stop Bonnet
3	#80806	O-Ring
4	#56766	O-Ring
5	#80807	Stop Stem
6	#SP7329	Spring
7	#80808	Check Stem
8	#80809	Strainer
9	#50032PK	O-Ring
10a	#92008	1/2" NPS x 6-1/4" S.S. Inlet Hose
10b	#58448	1/2" NPS x 15-3/4" S.S. Inlet Hose
10c	#58449	1/2" NPS x 24" S.S. Inlet Hose



HOT & COLD VALVE PARTS & ASSEMBLY



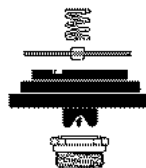
1a	#58468	H & C Valve Body Complete 0.5 GPM
1b	#58469	H & C Valve Body Complete 2.5 GPM
2a	#SP4932	H & C Mixing Tee Assembly 0.5 GPM
2b	#58470	H & C Mixing Tee Assembly 2.5 GPM
3	#57484	Mixing Tee
4	#05150	O-Ring
5a	#92079	Flow Control 0.5 GPM
5b	#SP8981	Flow Control 2.5 GPM
6	#92007	Flow Control Adapter
7	#58453	O-Ring
8	#92016E	Retaining Clip



#91015
Push Button
Assembly



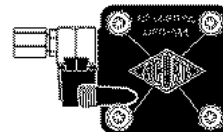
#91016
Diaphragm For
Push Button Assembly



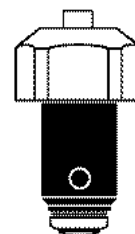
#91010
Diaphragm Valve
Repair Kit



#58139
Flo Cloz
Cartridge Assembly



#91001
Metering Servometer
Assembly

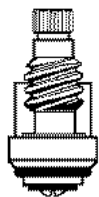


#45944
Quick Close Cartridge
with Bonnet



FAUCET PARTS

FOR AMERICAN STANDARD



#04501
Right Handed



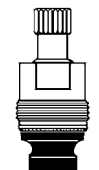
#04500
Hot Stem Unit



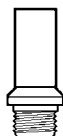
#05316
Aquaseal Washer



#04400
Brass Seat



#45009
Right Handed



#45007
Brass Seat



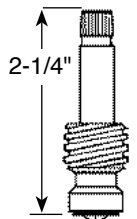
#45006
Brass Seat



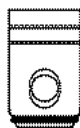
#45008
Cadet Washer

#45598
Left Handed

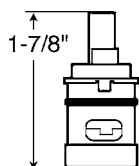
**Many
Others
In Stock!**



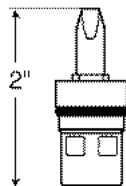
#45037
Right Handed



#48141
Right Handed Barrel



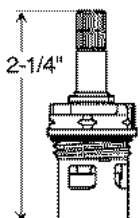
#53685
Ceramic Stem



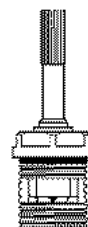
#53403
Ceramic Stem

#45704
Left Handed

#46547
Left Handed Barrel



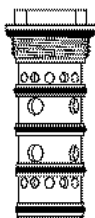
#45003
Ceramic Stem
Reversible



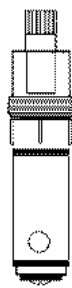
#45002
Ceramic Stem



#45580
Ceramic



#51401
Pressure Balance Spool



#45010
CADET

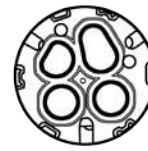
FOR AMERICAN STANDARD



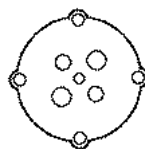
#45582
CERATOP



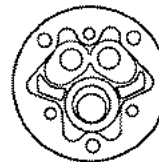
#45084
CERAMIX



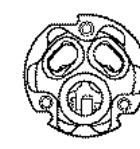
#84244
CERAMIX



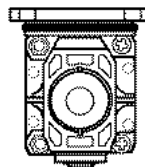
#59424
AMARILIS Pre-'95
Pressure Balance
Cartridge



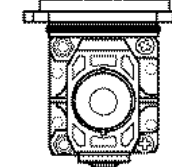
#57875
AMARILIS
Pressure Balance
Cartridge



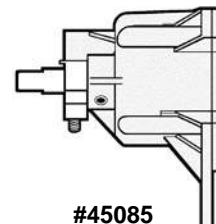
#56556
AMARILIS
Pressure Balance
Cartridge



#45086
RELIANT



#54454
COLONY



#45085
ULTRA MIX

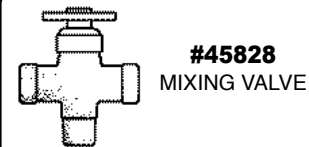
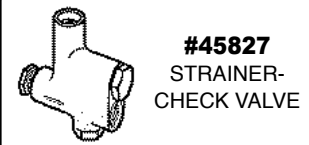
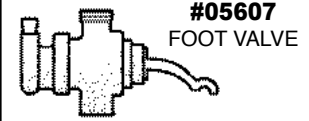
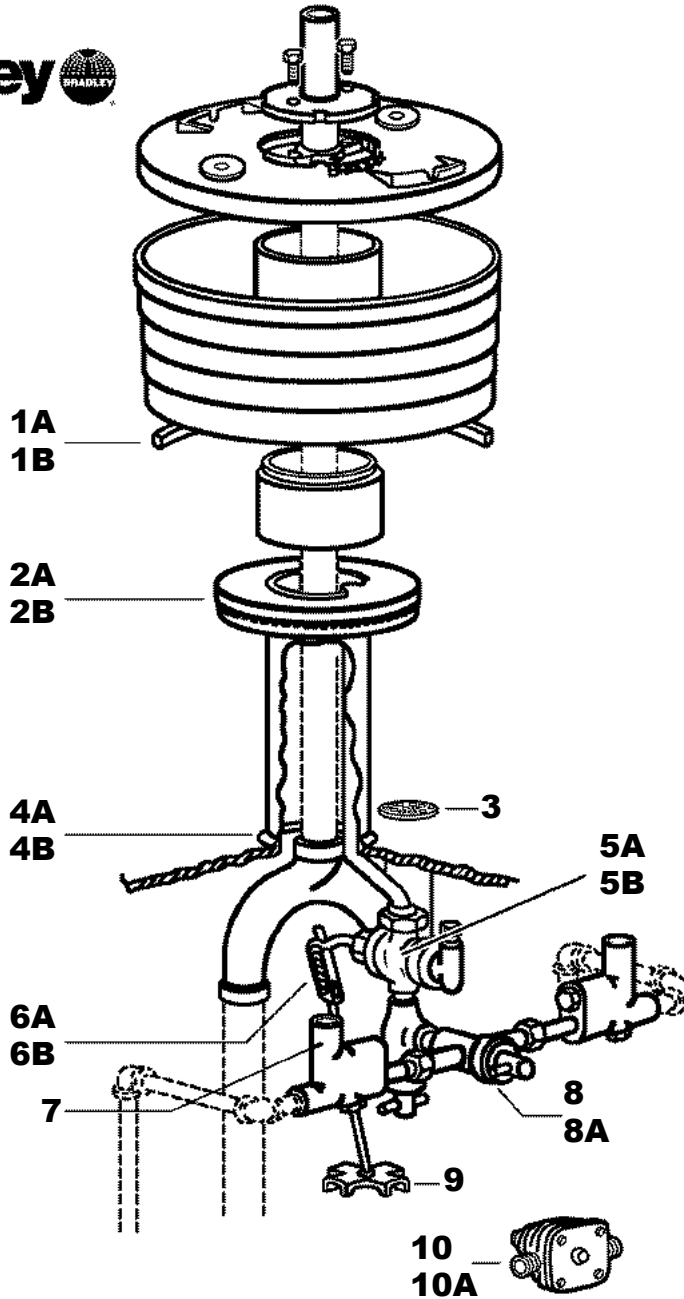
FOR AMERICAN STANDARD



**Call For
Assistance!**



BRADLEY WASHFOUNTAIN

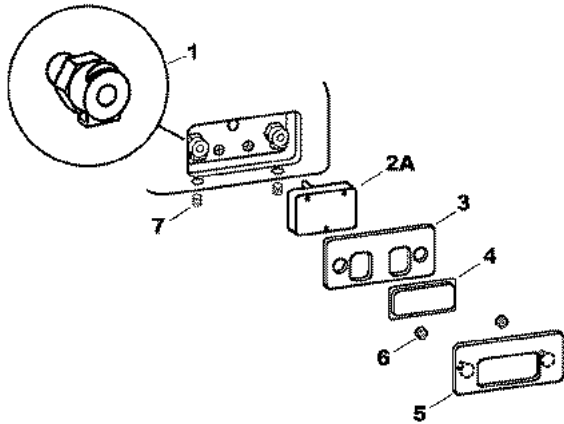


1A	#51033	Soap Dispenser Valve for Powdered Soap	6A	#53306	Operating Rod - Standard
1B	#54505	Soap Dispenser Valve for Liquid Soap	6B	#57938	Operating Rod - Juvenile
2A	#45825	Grommet Ring for Semicircular Fountain	7	#45827	Comb Strainer & Check Valve
2B	#57682	Grommet Ring for Circular Fountain	7A	#45826	Repair Kit for Strainer/Check Valve
3	#51586	Chrome Wash Fountain Strainer	8	#45828	Complete Mixing Valve
4A	#51592	Center Post Gasket for SS Bowl	8A	#05604	Repair Kit for Mixing Valve
4B	#51594	Center Post Gasket for Terra Cotta Bowl	9	#52316	Operating Cross
5A	#05607	New Style Foot Valve	10	#52118	Thermostatic Mixing Valve
5B	#05608	Repair Kit for Foot Valve	10A	#SP1152	Repair Kit for Thermostatic Mixing Valve



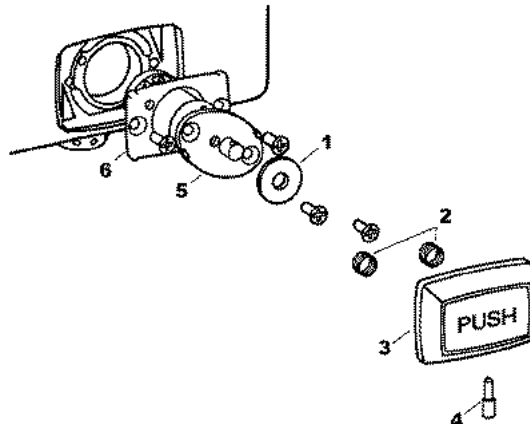
Bradley MULTI-FOUNTAIN ELECTRONIC PARTS

Infrared Sensor



- 1 #80401** Coupling Nut -Quick Disconnect
- 2A #56195** Old Style Multi-Fount Sensor Repair Kit
- 2B #SP5199** New Style Multi-Fount Sensor Repair Kit
- 3 #80403** Gasket, MF Window Terrazzo
- 4 #57920** Window, IR MF Terrazzo
- 5 #80404** Window Plate, IR MF Terrazzo
- 6 #80405** Spring, Window Plate
- 7 #80406** Screw 1/4-20 x 3/8, set SC 18-8 SS

Push Button

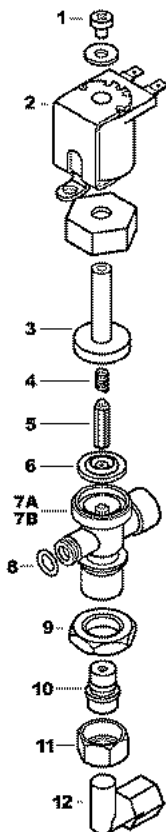


- 1 #81466** Washer, Flat Compressed Foam
- 2 #81467** Spring, Push Button
- 3 #54071** Push Button, Multi-Fount
- 4 #52882** Screw, Set (Push Button)
- 5 #45092** Repair Kit - Multi-Fount
- 6 #56890** Celcon® Flange 90-75 MF
- 7 #81383** Push Button Service Kit (Includes items 2, 3, & 4)

SOLENOIDS & SOLENOID REPAIR KITS

Infrared Solenoid Valve Individual (End) Ganged

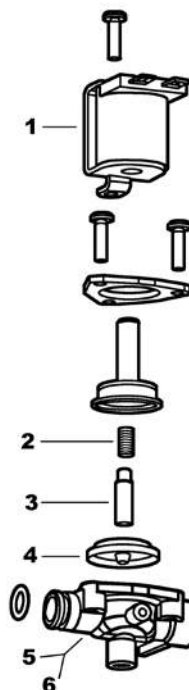
Old Style - For Units Before 2005



- 1 #80629** Screw 10-24 x 1/4 Rd. Hd.
- 2 #56127** Coil - Solenoid Valve
- 3 #80632** Bonnet
- 4 #59174** Spring
- 5 #59176** Armature
- 6 #59214** Diaphragm
- 7A #SP5406** Valve Body for End of Gang
- 7B #57001** Valve Body Ganged
- 8 #56334** O-Ring for Ganged Body only
- 9 #SP8278** Nut 3/8-18 Hex Brass
- 10 #SP8279** Tailpiece Assembly
- 11 #59496** Tailpiece Nut
- 12 #80539** Elbow

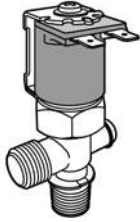
Infrared Solenoid Valve Assembly (24V Transformer)

New Style - For Units After 2005

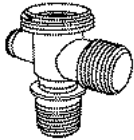


- 1 #56127** Coil, Solenoid Valve
- 2 #59174** Spring
- 3 #59176** Armature
- 4 #81324** Diaphragm
- 5 #81542** Valve Body 1/4" Thru
- 6 #81432** Valve Body 1/4" Closed

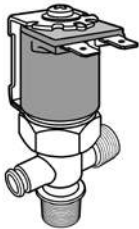




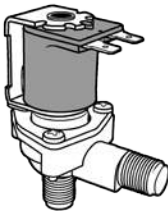
#54983
Old Style Solenoid Valve
For Express Lav
Thru Body



#57001
Ganged Solenoid
OPEN Body Only
For #54983



#SP5406
Ganged Solenoid
CLOSED Body Only
For #56288



#56288
Old Style Solenoid Valve
For Express Lav
Closed Body



#54892
Shower Solenoid Valve
For Touch Time



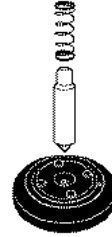
#85235
New Style Solenoid Valve
Thru Body
For Touch Time



#81680
New Style Solenoid Valve
Closed Body



#57412
Solenoid Valve
Repair Kit
For 3/4" Solenoids



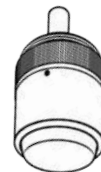
#81547
Solenoid Valve
Repair Kit
For #54892, #81680,
and #85235 Solenoids



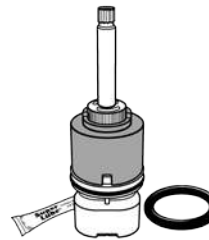
#79044
Metering Valve
Repair Kit
For Touch-n-Flo



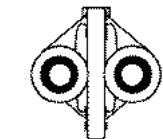
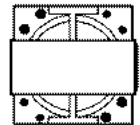
#51839
Plunger Only



#57906
Old Style Plunger & Body
Assembly Repair Kit
For Touch-n-Flo



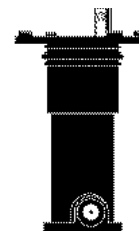
#59246
Shower Valve
Cartridge



#83676
Ceramic Pressure
Balance Cartridge
Current-For Touch-n-Flo



#57762
Shower Mixing
Valve Cartridge
For Equa-Flo



#45092
Wash Fountain
Cartridge

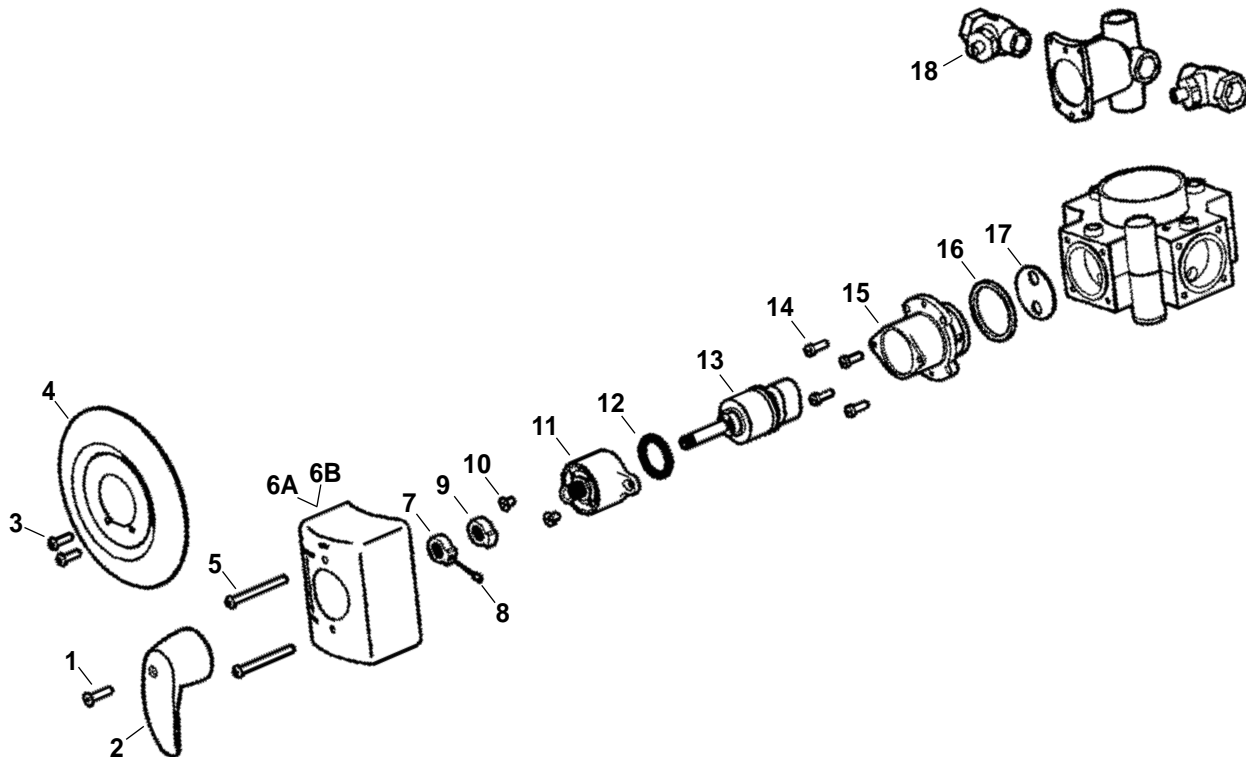




EQUA-FLO PRESSURE BALANCING VALVE

2004 to Present

*For Column, Individual, Econo-Walls, Wall Savers,
and Panelon Showers*

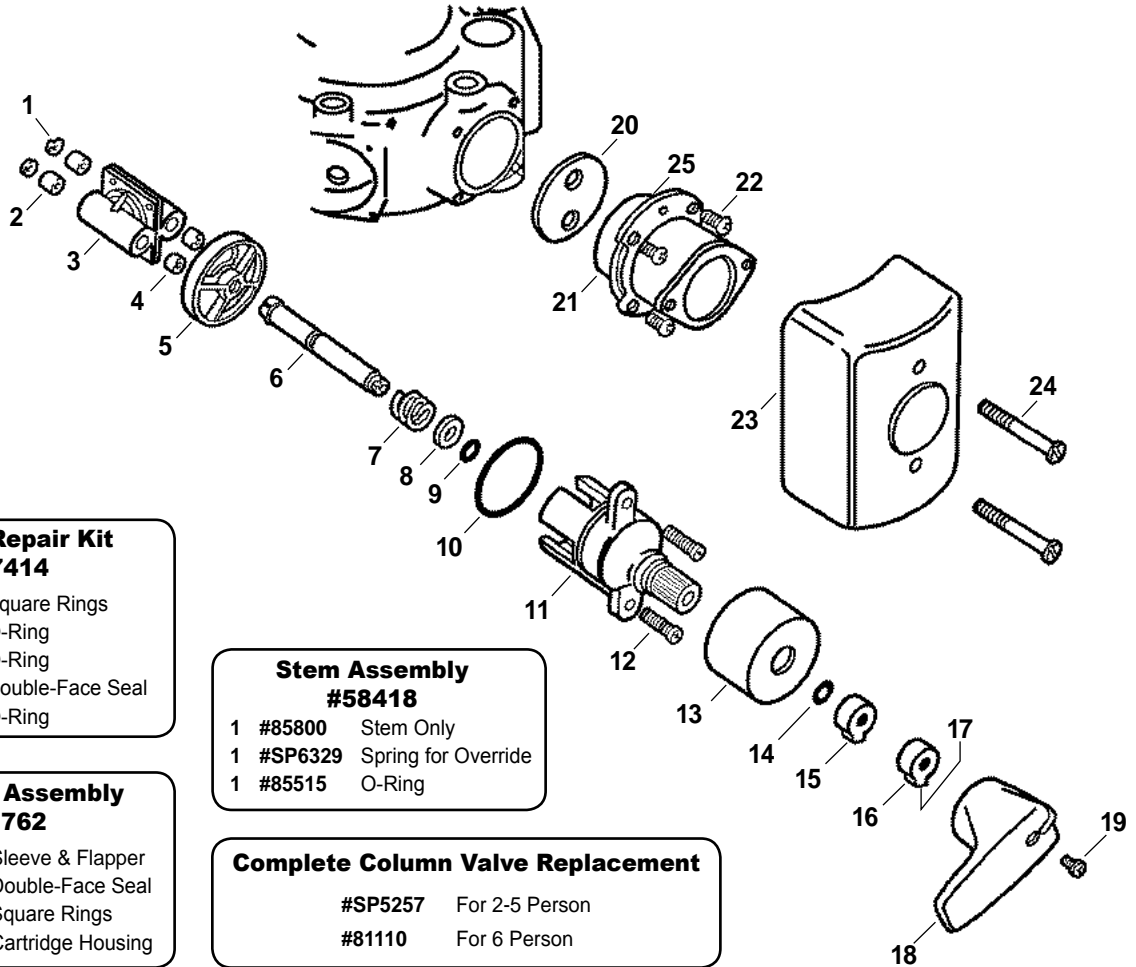


1	#SP1744	Screw	8	#SP10388	Set Screw 8-32 x 1/4
2	#82441	Handle	9	#57763	Limit Stop - Off
3A	#81309	Cover Screw For Econo-Wall, Panelon & Wall Saver	10	#SP10389	Screw 10-24 x 3/8 Flat Head
3B	#85038	Cover Screw For Individual	11	#83677	Cap
4A	#85037	Escutcheon - For Individual & Econo-Wall	12	#85796	O-Ring
4B	#85921	Escutcheon - For Panelon	13	#85797	Cartridge Assembly
4C	#85922	Escutcheon - For Wall Saver	14	#SP1746	Screw 10-24 x 5/8
5	#SP1747	Screws for Escutcheon	15	#SP10391	Valve Body
6A	#85795	2-5 Person Escutcheon	16	#SP10392	Gasket
6B	#85794	6 Person Escutcheon	17	#SP1741	Washer
7	#SP4945	Limit Stop - Hot	18	#56341	Check Stop





EQUA-FLO VALVE - PRIOR TO 2002



Gasket Repair Kit #57414

- 2 #56158 Square Rings
- 1 #85515 O-Ring
- 1 #56129 O-Ring
- 2 #57483 Double-Face Seal
- 1 #81310 O-Ring

Cartridge Assembly #57762

- 2 #85798 Sleeve & Flapper
- 2 #57483 Double-Face Seal
- 2 #56158 Square Rings
- 1 #85799 Cartridge Housing

Stem Assembly #58418

- 1 #85800 Stem Only
- 1 #SP6329 Spring for Override
- 1 #85515 O-Ring

Complete Column Valve Replacement

- #SP5257 For 2-5 Person
- #81110 For 6 Person

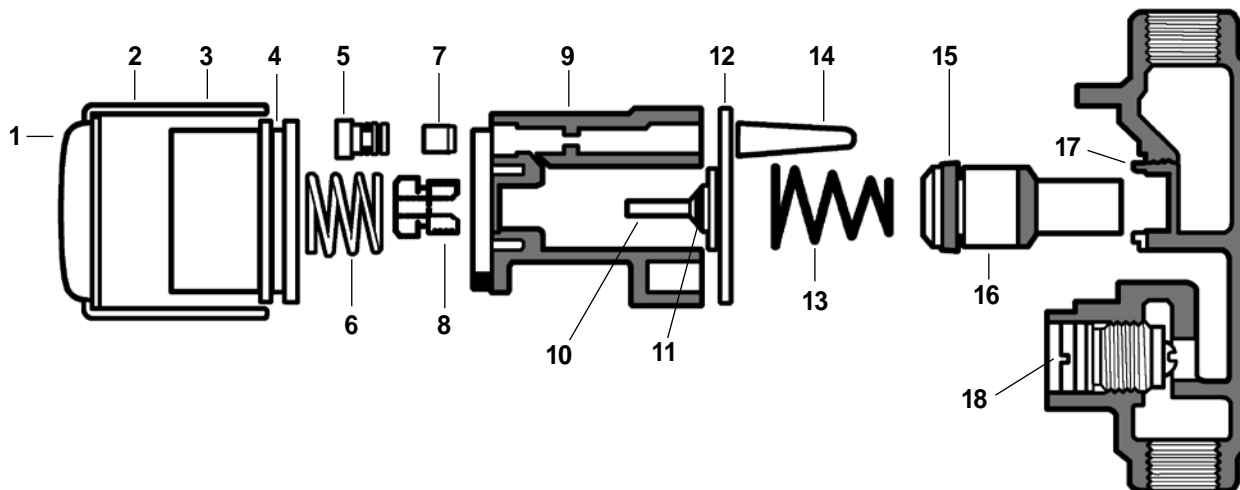
1	#56158	Square Ring (In Rear)	13	#57765	Cover
2	#85798	Sleeve and Flapper Assembly	14	#81310	O-Ring
3	#85799	Cartridge Housing	15	#57763	Off Stop
4	#57483	Double Face Seal	16	#SP4945	Hot Limit Stop
5	#54893	Rotor	17	#SP10388	Set Screw
6	#85800	Stem	18	#57718	Handle
7	#SP6329	Spring	19	#SP1744	Screw
8	#81308	Washer	20	#SP1741	Gasket
9	#85515	O-Ring	21	#SP10391	Valve Body
10	#56129	O-Ring	22	#SP1746	Screws (4)
11	#56984	Cap/Clamp	23	#SP1745	Escutcheon
12	#81309	Screws (2)	24	#SP1747	Escutcheon Screw (2)
			25	#SP10392	Gasket





TOUCH 'N FLO SHOWER VALVE - Current Version

For Individual, Econo-Walls, Wall Savers, Panelons, and Column Showers



Complete Valve Kit #59246

- 1 #57653 Push Button
- 1 #57654 Cover 1-5/8" Long
- 1 #51816 Screw Assembly
- 1 #51802 Spring
- 1 #51823 Standard Fixed Orifice Assembly
- 1 #51810 Guide
- 1 #51808 Body
- 1 #51803 Poppet Assembly
- 1 #51817 Conical Spring
- 1 #51834 Filter
- 1 #51839 Plunger Assembly

Body Assembly Kit #51882

- 1 #51816 Screw Assembly
- 1 #51823 Standard Fixed Orifice Assembly
- 1 #51810 Guide
- 1 #51808 Body
- 1 #51803 Poppet Assembly
- 1 #51834 Filter

Repair Kit #57906

- 1 #51816 Screw Assembly
- 1 #51823 Standard Fixed Orifice Assembly
- 1 #51810 Guide
- 1 #51808 Body
- 1 #51803 Poppet Assembly
- 1 #51817 Conical Spring
- 1 #51834 Filter
- 1 #51839 Plunger Assembly

Repair Kit #79044

- 1 #51823 Standard Fixed Orifice Assembly
- 1 #85920 O-Ring
- 1 #51821 Gasket
- 1 #51817 Conical Spring
- 1 #51834 Filter
- 1 #51839 Plunger Assembly

1	#57653	Push Button	10	#51803	Poppet Assembly
2	#57654	Cover 1-5/8" Long	11	#85920	O-Ring
3	#85919	Cover 2-3/4" Long (Individual Only)	12	#51821	Gasket
4	#51805	Spacer	13	#51817	Conical Spring
5	#51816	Screw Assembly	14	#51834	Filter
6	#51802	Spring	15	#05833	U-Cup (Viton, Brown)
7	#51823	Standard Orifice	16	#51839	Plunger Assembly
8	#51810	Guide	17	#51836	Seat
9	#51808	Body	18	#51829	Internal Stop Core

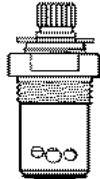


FAUCET PARTS

FOR CENTRAL

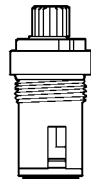


#04568
Hot Stem



#45606
Cold Stem

#45118
Hot Stem
Washerless



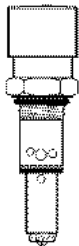
#55639
Hot Stem

#55402
Cold Stem
CERAMIC

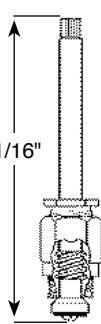


#04401
Brass Seat

#45608
Cold Stem
Washerless



#45117
Hot Self Closing
Cartridge



#45123
Hot/Cold
Shower Stem

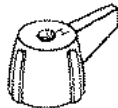


#45128
Hot/Cold
Shower Stem



#55276 RH
#55405 LH

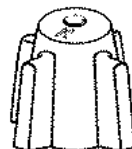
#45758
Cold Self Closing
Cartridge



LAV & KITCHEN HANDLE

#46125
Hot

#46126
Cold



TUB & SHOWER HANDLE

#46123
Hot

#46124
Cold

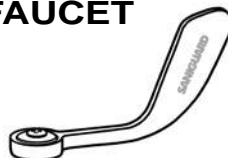
#46140
Div

FOR CHICAGO FAUCET

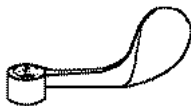
Handles



#40310011
Pair - Antimicrobial



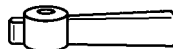
#40310012
Pair - Antimicrobial



#46150
Hot 4" Wing



#46142
Hot



#46146
Hot

#46151
Cold 4" Wing

#46143
Cold

#46147
Cold



#46148
Hot

#46149
Cold

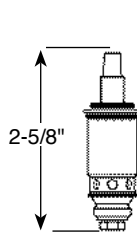


#59860H
Hot

#59860C
Cold

FOR CHICAGO FAUCET

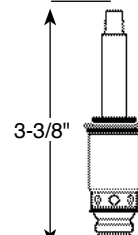
Quaturn Stems



#45533
RH Stem Unit

#45534
Left Handed
Stem Unit

#04723
Seat Washer



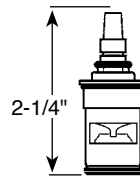
#45537
Right Handed
Stem Unit

#45538
Left Handed
Stem Unit

#52140
Quaturn
Repair Kit

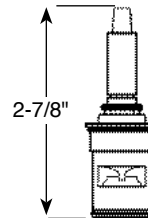


Ceramic Stems



#55183
Left Handed

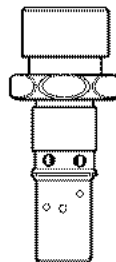
#55184
Right Handed



#51695
Right Handed

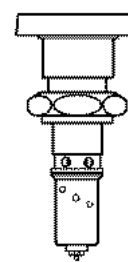
#58094
Left Handed

MVP Metering

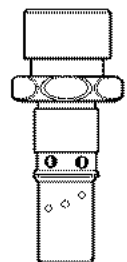


#04528
Hot Cartridge

#45720
Cold Cartridge



#45133
Metering
Cartridge

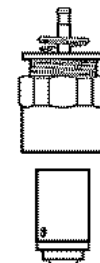


#45929
Cartridge Assembly
for Pedal Valve

#56303
Slo-Close
Operating Cartridge



#44978
Hot or Cold
Push Handle with
Upper & Lower Assembly

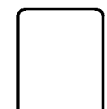


#45744
Upper Assembly

#45134
Lower Assembly



#58098
Push Only



Obsolete

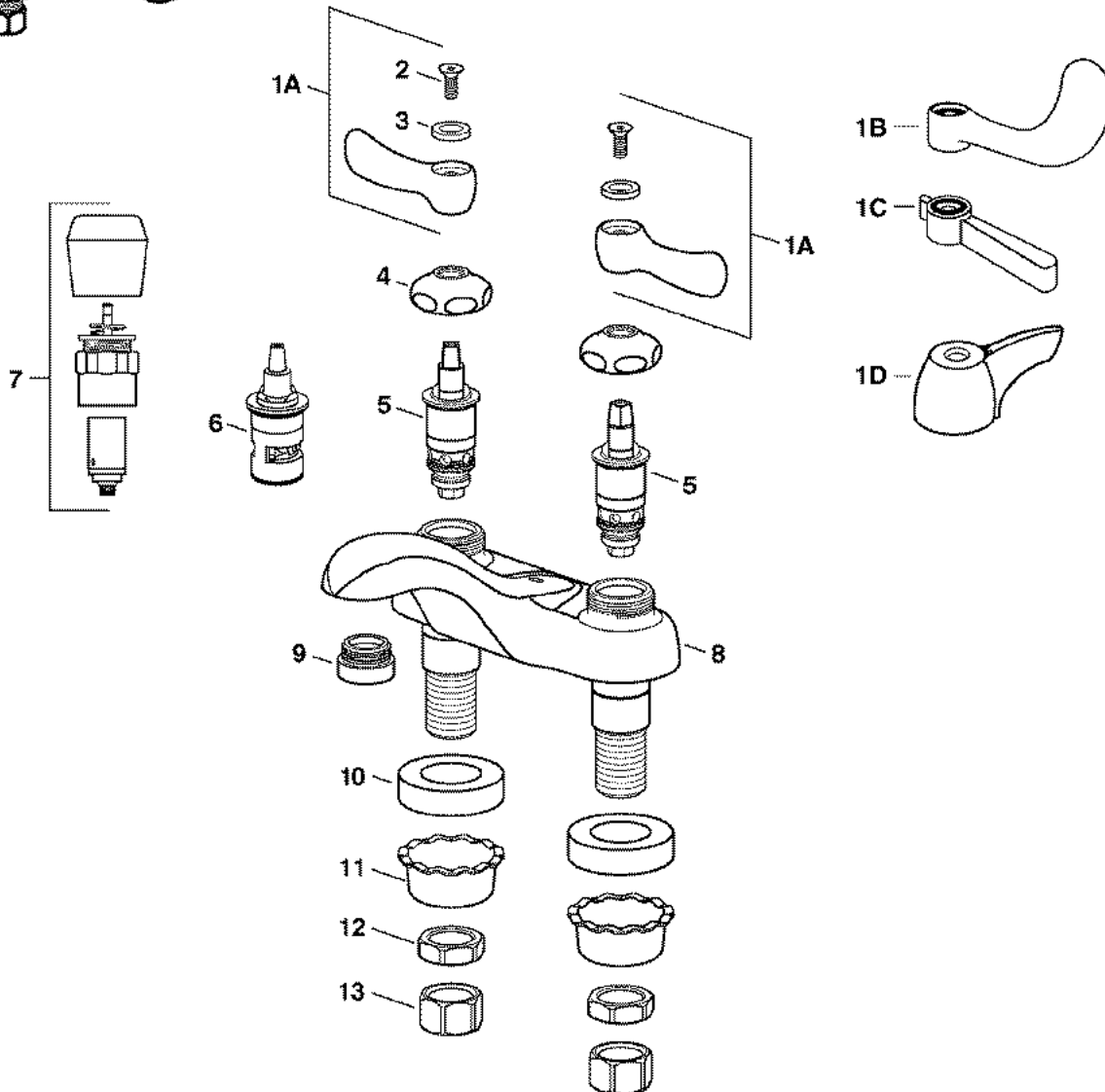
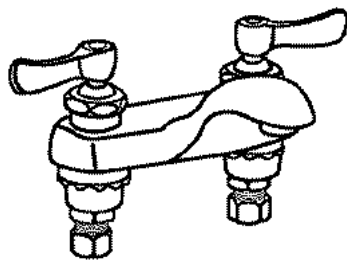


MANUAL FAUCET PARTS

**CHICAGO
FAUCETS**

#55050 (802-VCP)

#55065 (802-V665CP)



1A #59860H Hot Lever Handle Assembly #59860C Cold Lever Handle Assembly	3 #51302 Index Button (Red)	7 #44978 Metering Retro Fit Kit
	#51303 Index Button (Blue)	8 Valve Body (Not sold Sep.)
1B #46150 Hot 4" Institutional Handle #46151 Cold 4" Institutional Handle	4 #04719 Cap	9 #81223 Softflo Outlet
1C #46146 Hot Lever Handle #46147 Cold Lever Handle	5 #45533 RH Quaternary Cartridge (Cold) #45534 LH Quaternary Cartridge (Hot)	10 #56292 Washer
1D #46142 Hot Canopy Handle #46143 Cold Canopy Handle	6 #55184 RH Short Ceramic Cartridge (Cold) #55183 LH Short Ceramic Cartridge (Hot)	11 #55784 Basin Cock Washer
2 #45484E Screw		12 #83680 Locknut
		13 #52656 Coupling Nut

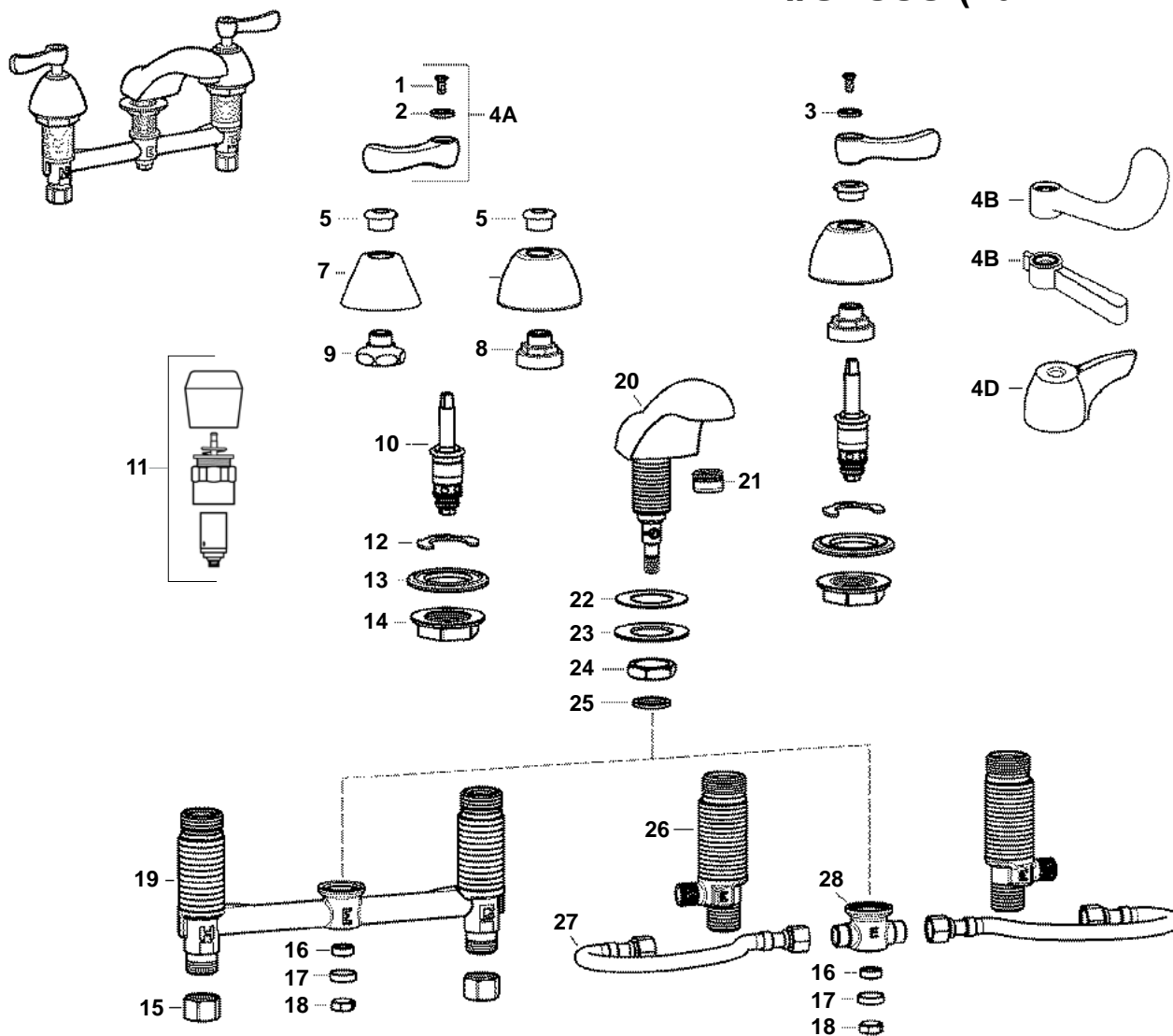


MANUAL FAUCET PARTS

**CHICAGO
FAUCETS**

#55070 (404-CP)

#84333 (404-HZABCP)



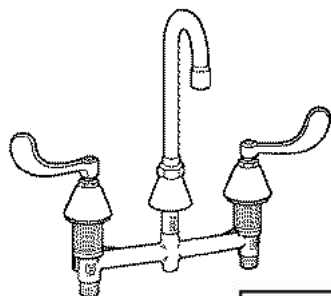
1 #45483E	Screw	6 #85431	Escutcheon - New Style	16 #51287	Rubber Washer
2 #51302	Index Button - Red	7 #46631	Escutcheon - Old Style	17 #55210	Retainer
3 #51303	Index Button - Blue	8 #85685	Cap Nut - New Style	18 #55211	Nut
4A #59860H	Hot Lever Handle Assembly	9 #50946	Cap Nut - Old Style	19 <i>Call For Assistance</i>	Valve Body
#59860C	Cold Lever Handle Assembly	10 #45537	RH Quatern Cartridge (Cold)	20 <i>Call For Assistance</i>	Spout Assy.
4B #46150	Hot 4" Institutional Handle	#45538	LH Quatern Cartridge (Hot)	21 #81223	Softflo Aerator
#46151	Cold 4" Institutional Handle	#51695	RH Ceramic Quatern Cartridge (Cold)	22 #51223	Rubber Washer
4C #46146	Hot Lever Handle	#58094	LH Ceramic Quatern Cartridge (Hot)	23 #51225	Steel Washer
#46147	Cold Lever Handle	11 #44978	Metering Retro Fit Kit	24 #51228	Locknut
4D #46142	Hot Canopy Handle	12 #85670	Retaining Clip	25 #51288	Gasket
#46143	Cold Canopy Handle	13 #85684	Sealing Washer	26 <i>Call For Assistance</i>	Valve Body
5 #46630	Escutcheon Nut	14 #54952	Locknut	27 #85686	Hose 3/8 x 3/8
		15 #52656	Coupling Nut	28 #85688	Tee Connection



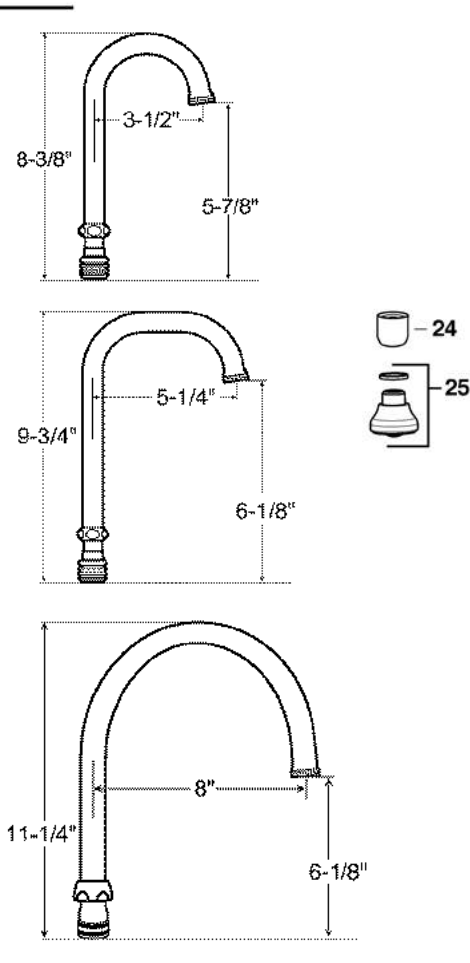
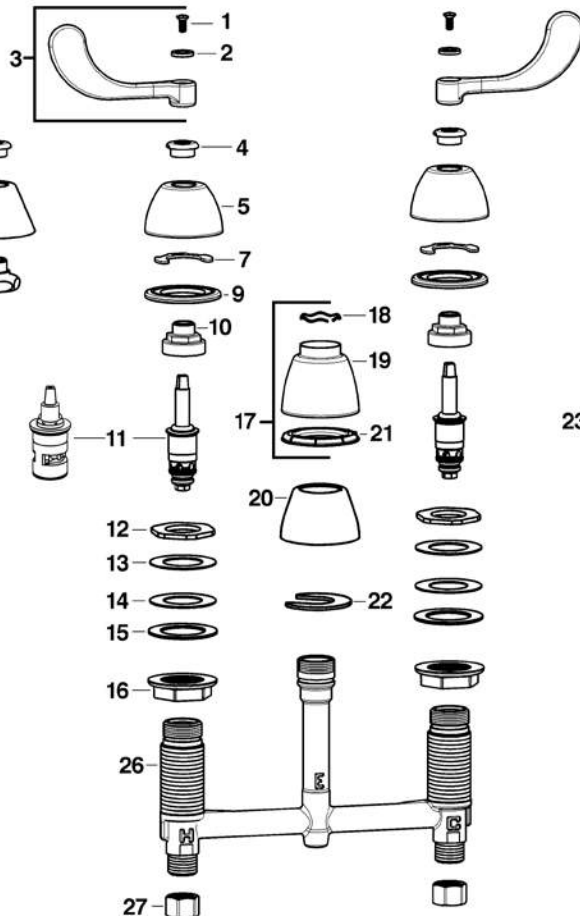
MANUAL FAUCET PARTS

**CHICAGO
FAUCETS®**

#80338 (786-CP)
#59900 (786-E3CP)



Old
Style



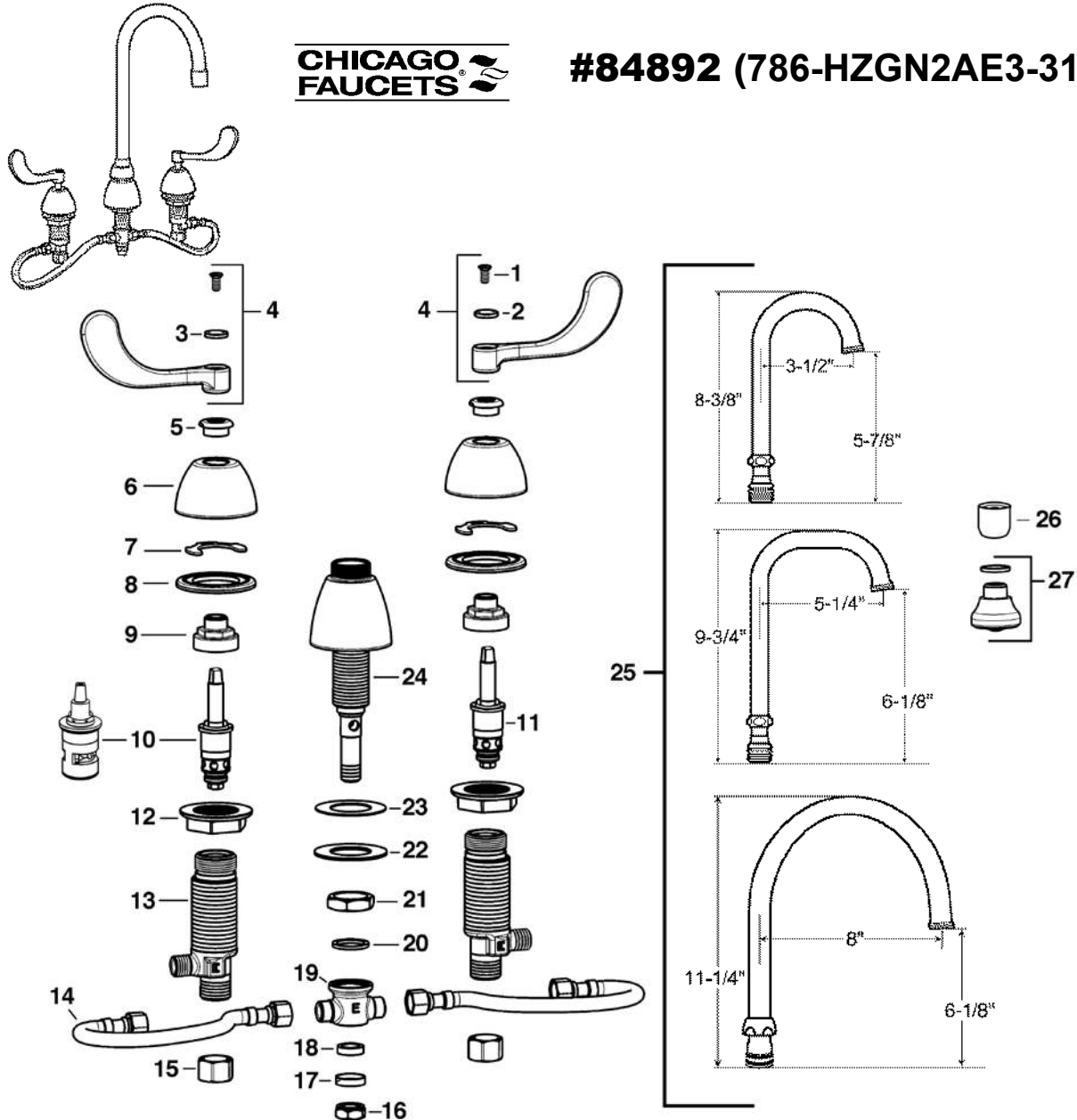
1	#45483E	Screw-Old Style 10/32 x 1/2	10	#85685	Cap Nut - New Style	19	#85698	New Style Spout Base Escutcheon		
	#45484E	Screw-New Style 10/32 x 3/4	11	#45537	RH Quatern Cartridge (Cold)	20	#54613	Old Style Spout Base Escutcheon		
2	#51302	Index Button - Red		#45538	LH Quatern Cartridge (Hot)	21	#85699	Spout Escutcheon Washer		
	#51303	Index Button - Blue		#51695	RH Ceramic Quatern Cartridge (Cold)		#81965	C-Washer		
3	#83217	4" Blade Handle Assy. (Pair)		#58094	LH Ceramic Quatern Cartridge (Hot)	22	#44004	3-1/2" Spout		
	#46146	Hot Lever Handle-Chrome		12	#54946		Locknut	23	#45460	5-3/8" Spout
	#46147	Cold Lever Handle-Chrome		13	#54206		Brass Washer	#02352	8" Spout	
	4	#46630		Escutcheon Nut	14		#51223	Rubber Washer	See pages 150-151 for other spout options	
5	#85431	New Style Escutcheon	15	#SP050	Steel Washer	24	#50010	Softflo Aerator		
6	#46631	Old Style Escutcheon	16	#54952	Locknut	25	#80176	Rose Spray Aerator 3/8" Male IPS - Need Adaptor		
7	#85670	Retaining Clip	17	#85696	Spout Escutcheon Kit	26	Call For Assistance			
8	#50946	Cap Nut - Old Style	18	#85697	Wave Washer	27	#50846	Coupling Nut		
9	#85431	Sealing Washer								



MANUAL FAUCET PARTS

**CHICAGO
FAUCETS**

#84892 (786-HZGN2AE3-317CP)



1	#45483E	Screw 10/32 x 1/2
2	#51303	Index Button - Blue
3	#51302	Index Button - Red
4	#46150 #46151	Hot 4" Institutional Handle Cold 4" Institutional Handle
5	#46630	Escutcheon Nut
6	#85431	Escutcheon
7	#85670	Retaining Clip
8	#85684	Sealing Washer
9	#85685	Cap Nut

10	#45537	RH Quatern Cartridge (Cold)
	#51695	RH Ceramic Quatern Car. (Cold)
11	#45538	LH Quatern Cartridge (Hot)
	#58094	LH Ceramic Quatern Cart. (Hot)
12	#54952	Locknut
13	Call For Assistance	
14	#85686	Hose 3/8 x 3/8
15	#52656	Coupling Nut
16	#85708	Locknut for Lavatory Fittings
17	#85709	Retainer
18	#85710	Rubber Washer

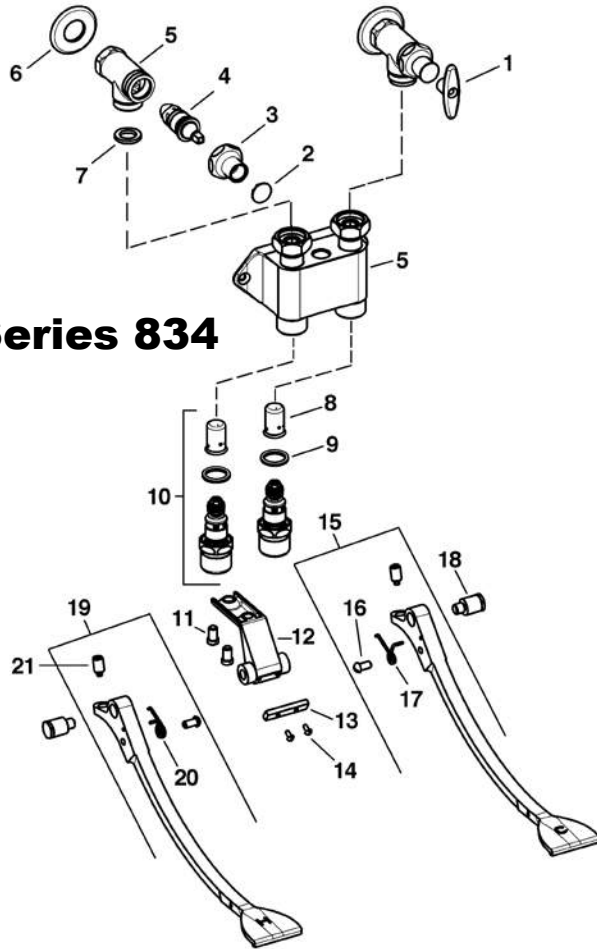
19	#85688	Tee Connection
20	#51288	Gasket
21	#51228	Locknut
22	#51225	Steel Washer
23	#51223	Rubber Washer
24	Call For Assistance	
	#44004	3-1/2" Spout
25	#45460	5-3/8" Spout
	#02352	8" Spout
See pages 150-151 for other spout options		
26	#50010	Softflo Aerator
27	#80176	Rose Spray Aerator 3/8" Male IPS - Need Adaptor



PEDAL VALVE PARTS

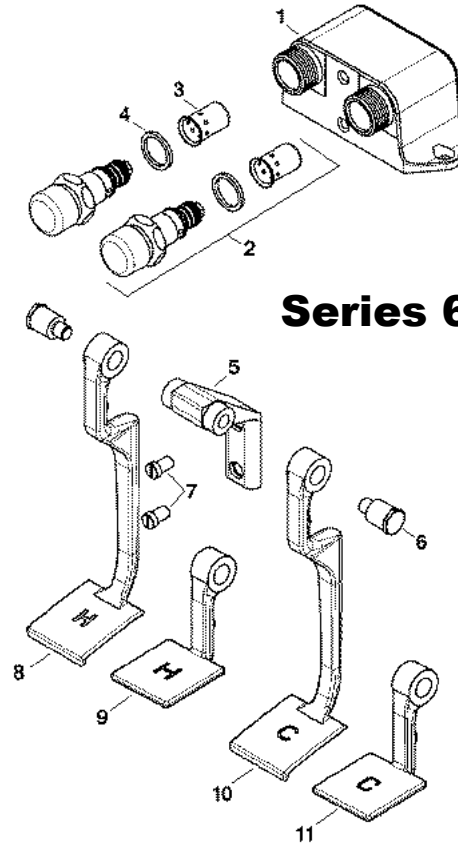
**CHICAGO
FAUCETS**

Series 834



1	#51660	Tee Handle (includes screw)
2	#58716	Button
3	#85679	Cap Nut
4	#45536	Cartridge - Slo Compression
5		Valve Bodies (Not sold sep.)
6	#85682	Flange
7	#55349	Washer
8	#58020	Dashpot
9	#04729	Cap Gasket
10	#45929	Cartridge Assembly
	#56303	Slo-Close Cartridge Assembly
	#52138	Fast Cycle Cartridge Assembly
	#82798	Adjustable Cartridge Assembly
11	#51871	Pan Head Screw
12	#57371	Pedal Bracket
13	#57374	Pedal Stop
14	#57373	Round Head Screw
15	#81174	Pedal Assembly - Cold
16	#58722	Round Head Screw
17	#54544	Pedal Spring - RH
18	#CF625-61	Shoulder Bolt
19	#81171	Pedal Assembly - Hot
20	#54545	Pedal Spring - LH
21	#51865	Pedal Screw

Series 625



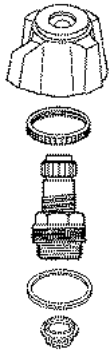
1	#45483E	Valve Body (Not sold sep.)
2	#45929	Cartridge Assembly
	#56303	Slo-Close Cartridge Assembly
	#52138	Fast Cycle Cartridge Assembly
	#82798	Adjustable Cartridge Assembly
3	#58020	Dashpot
4	#04729	Cap Gasket
5	#CF625-60	Bracket
6	#CF625-61	Shoulder Bolt
7	#51871	Pan Head Screws
8	#85677	Hot Long Pedal
9	#80192	Hot Short Pedal
10	#85678	Cold Long Pedal
11	#80191	Cold Short Pedal



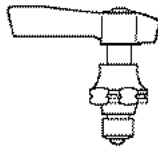
FAUCET PARTS

FOR CHG

(IMPORT)



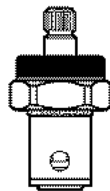
#57816
Faucet Rebuild Kit
Back Mount
Uses Two
Internal O-rings
(KIT REBUILDS
HOT & COLD)



#57056
Complete Faucet
Rebuild Kit
Includes Hot And Cold
Stems And Handles



#54618
Left Handed
Stem Only



#56418
Cold
#56419
Hot



#56420
Cold
#56421
Hot

FOR CRANE



#04541
Gasket



#04545
Washer

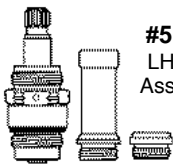


#45610
Right Handed Unit

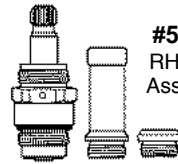
#04539

Left Handed Unit

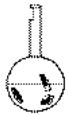
FOR DELTA



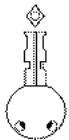
#51491
LH Stem
Assembly



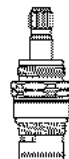
#51490
RH Stem
Assembly



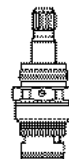
#04410
S.S. Ball



#45155
S.S. Ball



#82486
LH Ceramic
Stem Assembly



#82487
RH Ceramic
Stem Assembly



#53487
Stem Assembly
w/ 1/4 Turn Stop



#45144
Stem w/ S.S. Base



#45145
Ceramic Stem
w/ Seat & Spring

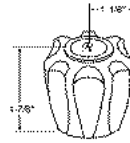


#04402
Seat &
Spring Kit

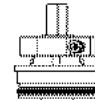


#45957

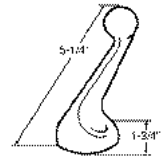
FOR DELTA



46196-97
Pair Hot & Cold
Acrylic Handles



#45154
Cartridge



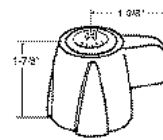
#46207
Single Lever
Chrome Handle



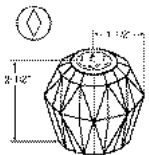
#45150
Extension



#45151
Slo-Close

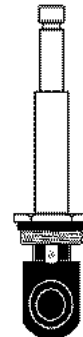


#46202
Hot Chrome Handle

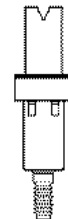


#46211
Single Lever
Acrylic Handle

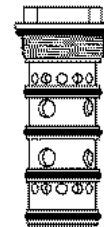
#46203
Cold Chrome Handle



#45153
Diverter



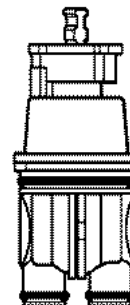
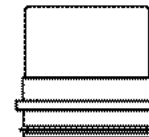
#46584
Diverter



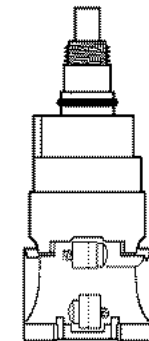
#51401
Balancing
Spool



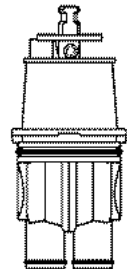
#46585
Diverter



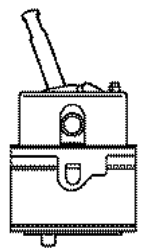
#54189
Shower Cartridge



#55277
Shower Cartridge



#83143
Shower Cartridge

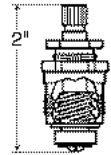


#82812
Single Handle Cartridge



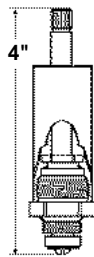
FAUCET PARTS

FOR ELJER

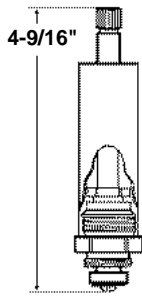


#45162
Right Handed

#45619
Left Handed

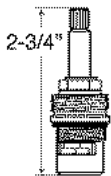


#45175

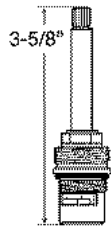


#45179
Right Handed

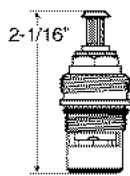
#44795
Left Handed



#45954
Ceramic

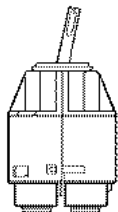


#54565
Ceramic



#45792
Ceramic

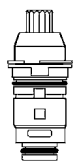
FOR ELKAY



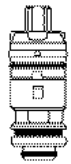
#45186
Cartridge



#45822
Seal Kit For
45186



#45187
Right Handed
Brown



#45192
Right Handed
Green

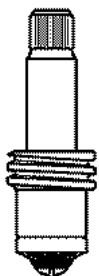


#80330
Hot Ceramic

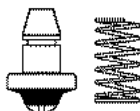


#80331
Cold Ceramic

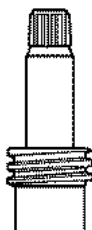
FOR FISHER



#44815
Complete RH
Stem Assembly

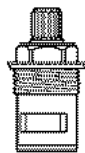


#44819
Valve Stem
Repair Kit

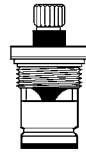


#02325
Hot Stem Only
#02326
Cold Stem Only

FOR GERBER



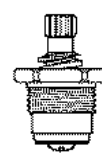
#52858
Hot



#52859
Cold

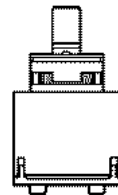
**NO LONGER
AVAILABLE**

**USE# 52858
& # 52859**



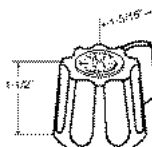
#45198
Right Handed

#45632
Left Handed



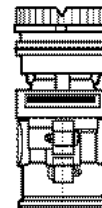
#54247

Many Others in Stock!

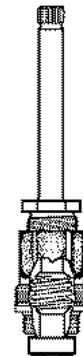


#46250
Hot

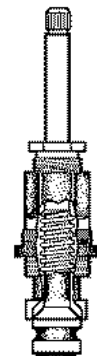
#46251
Cold



#59692
Cartridge



#45209



#45211

FOR GROHE

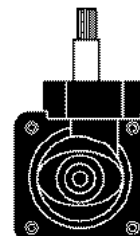


#50790

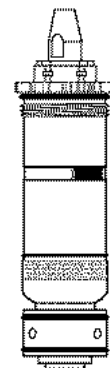


#45586
Right Handed

#52801
Left Handed

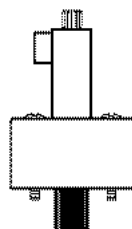


#45789
Cartridge

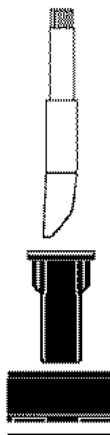


#45585
Cartridge

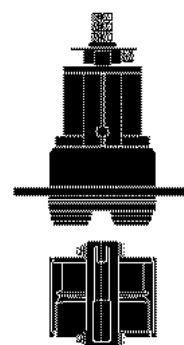
FOR KOHLER



#45238



#45094



#55425
Shower Cartridge Assembly

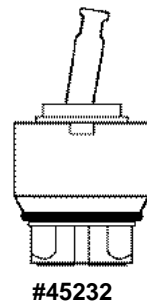
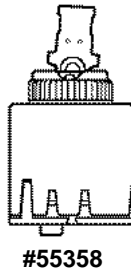
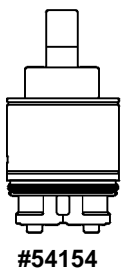
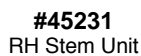
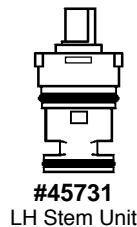
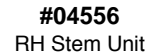
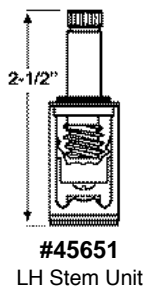
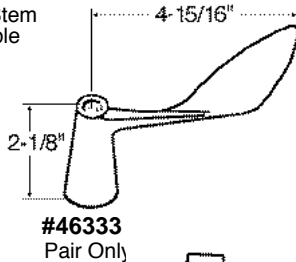
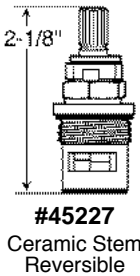
#45230

Balance Cartridge Only

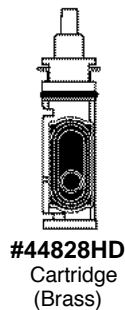
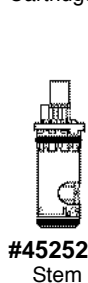
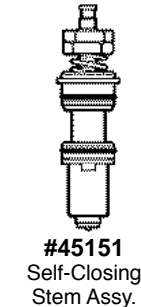
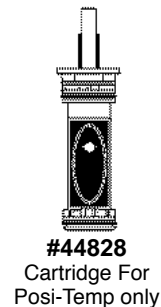
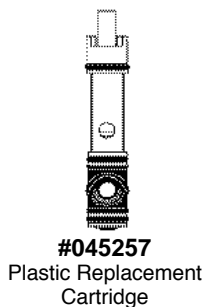
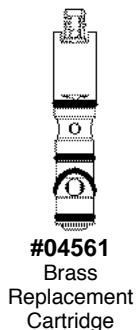


FAUCET PARTS

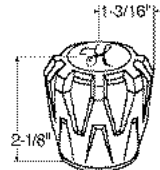
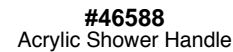
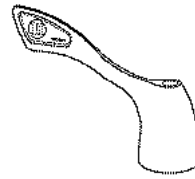
FOR KOHLER



FOR MOEN

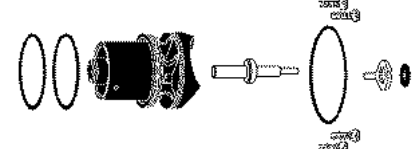
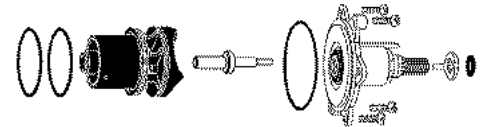
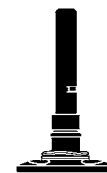
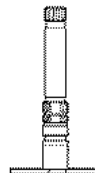


FOR MOEN

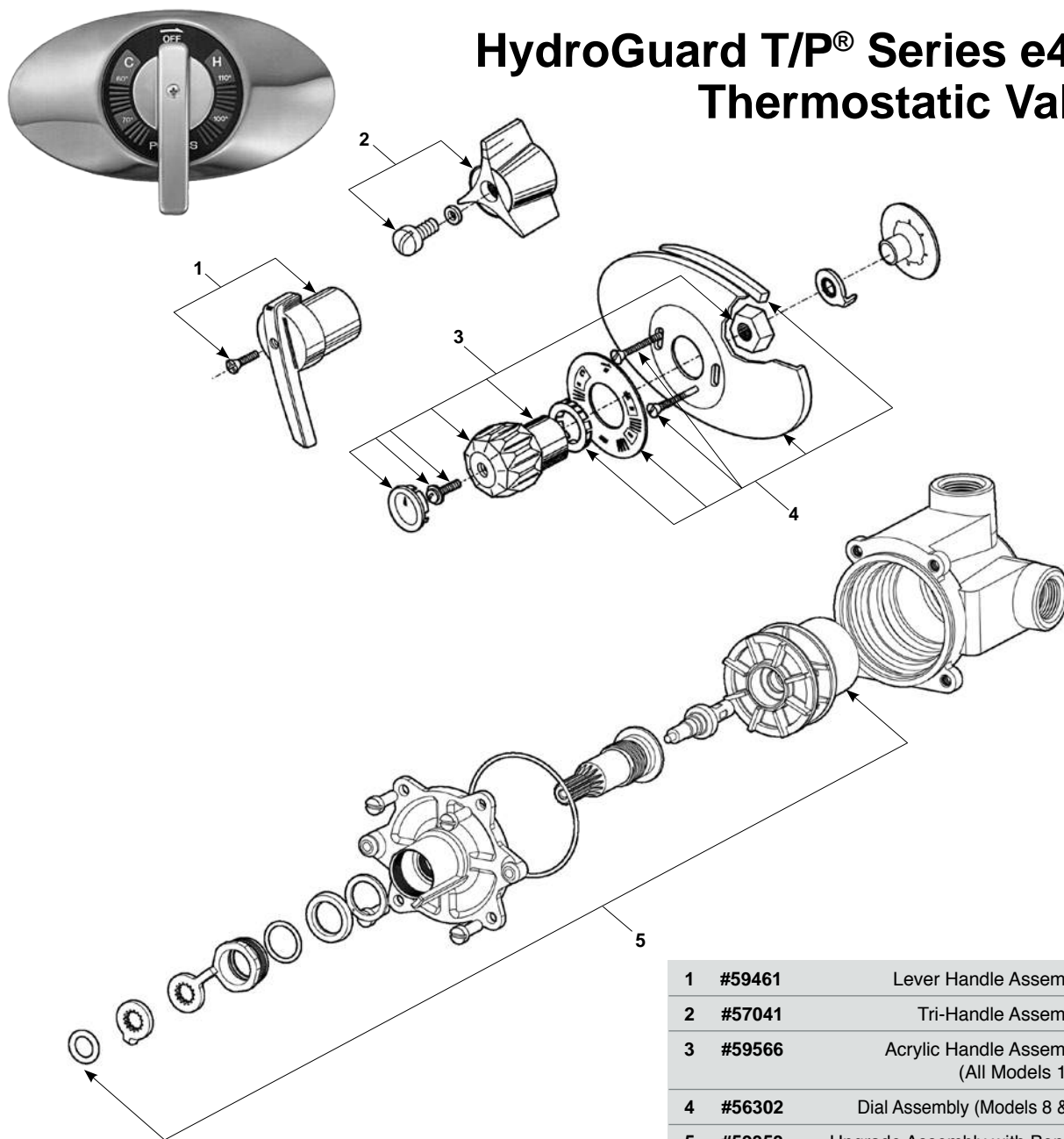


FOR POWERS

(FOR 400, 410, AND 420 SERIES VALVES)



HydroGuard T/P® Series e420 Thermostatic Valve



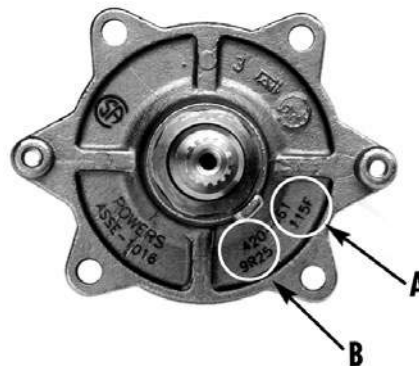
1	#59461	Lever Handle Assembly
2	#57041	Tri-Handle Assembly
3	#59566	Acrylic Handle Assembly (All Models 1-9)
4	#56302	Dial Assembly (Models 8 & 9)
5	#59353	Upgrade Assembly with Bonnet
6	#54517	Repair Kit, less Bonnet

Model Identification

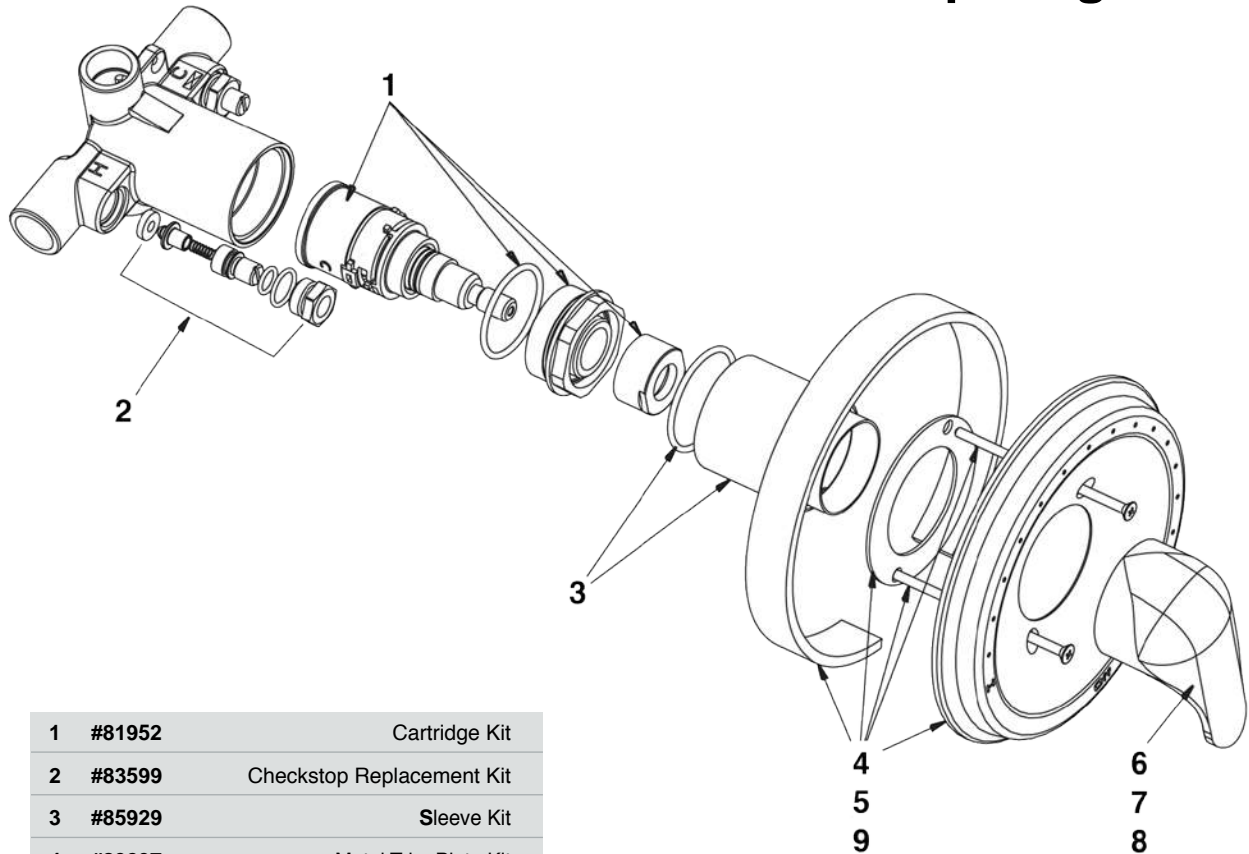
To be sure you order and install the appropriate parts into your valve, first determine the correct model number and temperature range of your valve.

The temperature range of the valve is stamped on a nameplate (A). In the example "115" is shown.

The model number is the first digit of the four-digit date code stamped on the nameplate (B). In the example, the date code starts with a 9, so the model number is 9.



HydroGuard Series e700 Combination T/P® Tempering Valve



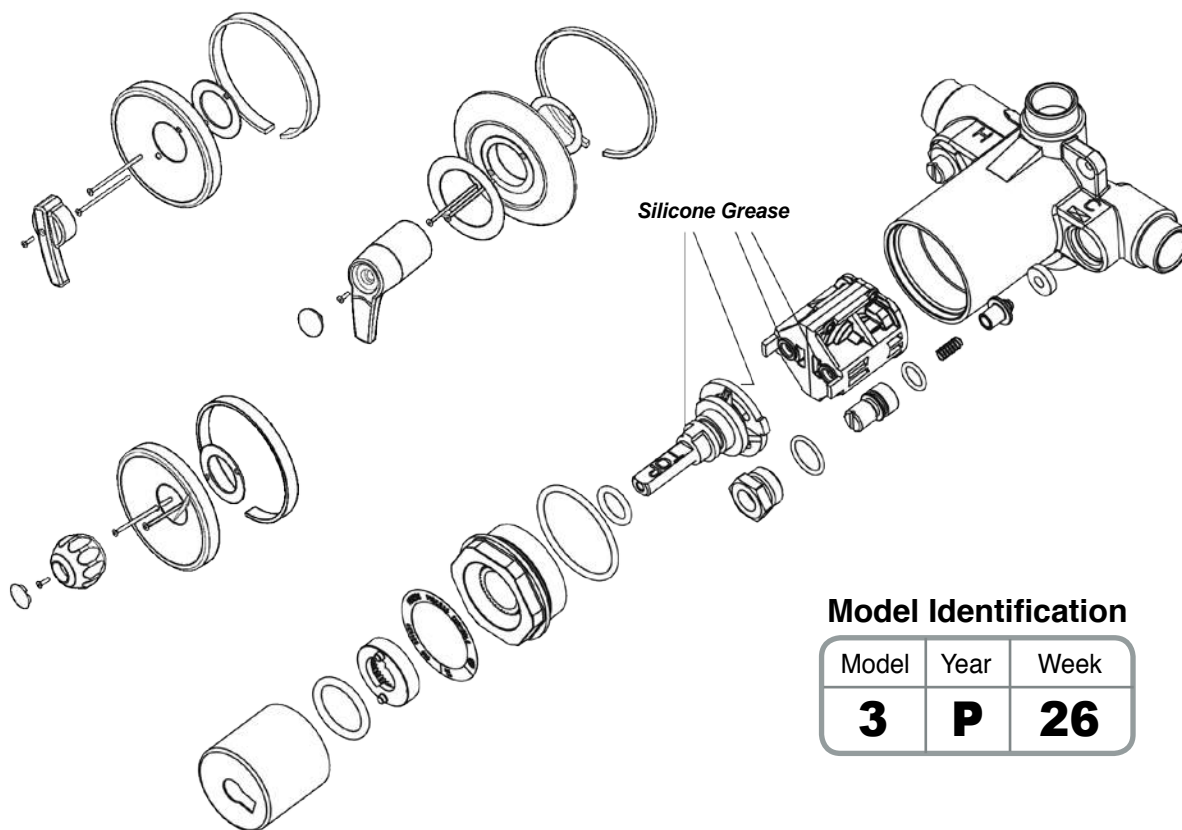
1	#81952	Cartridge Kit
2	#83599	Checkstop Replacement Kit
3	#85929	Sleeve Kit
4	#83237	Metal Trim Plate Kit
5	#85930	ABS Trim Plate Kit
6	#83238	Metal Handle Kit
7	#85931	ABS Handle Kit
8	#85932	Dome Handle Kit
9	#85933	Metal Flat Trim Plate Kit

Troubleshooting and Repair Kits

Cartridge Kit Item #1	<ul style="list-style-type: none"> • Water leaks at valve stem and/or bonnet • Water leaks at valve shut-off • Water temperature changes during shower 	#81952
Checkstop Replacement Kit Item #2	<ul style="list-style-type: none"> • Checkstop leaks or will not shut off completely 	#83599



Biltmore Series 900 Pressure Balancing Valve



Model Identification

Model	Year	Week
3	P	26

Troubleshooting and Repair Kits

Gasket and Disc Replacement (Mixer & Checkstops)	<ul style="list-style-type: none"> Water leaks at valve stem and/or bonnet Water leaks at valve shut-off Water leaks at checkstop 	#59680	Models 1 and 2*
		#58147	Model 3
Internals Replacement	<ul style="list-style-type: none"> With mixer handle in MID position, hot water flows with cold water checkstop closed, or cold water flows with hot water checkstop closed 	#80900	Model 1
		#50908	Model 2
		#59422	Model 3
Checkstop Replacement	<ul style="list-style-type: none"> Checkstop will not completely shut off 	#59425	Models 1 and 2
		#83599	Model 3
Conversion from 800 Lever Handle to 900 Lever Handle	<ul style="list-style-type: none"> 800 handle will not operate properly 	#84735	**
Conversion from 800 Lucite Knob to 900 Lucite Knob	<ul style="list-style-type: none"> 800 handle will not operate properly 	#85934	**

* Model 1 - Use white TFE gasket; Model 2 - use black Viton A O-Ring.

** Replacement of Biltmore 800 handle/stem, escutcheon, or cartridge upgrades the valve to a Biltmore 900 Model 2.

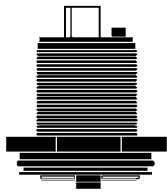
Additional Kits

#59451	ABS Lever Handle Kit (Model 905)
#55595	Faceplate Assembly (Model 905-chrome finish)
#55491	Faceplate Assembly, Round
#85936	Plug Button with Insert for Lucite Handle
#85937	Stem Extension Kit
#85938	Thin Wall Mounting Kit
#85939	Vandal-Proof Screws (for handle and faceplate)

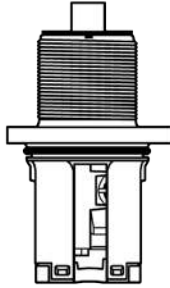


FAUCET PARTS

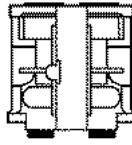
FOR PRICE PFISTER



#59921
Bonnet Assy.
NLA-use #81916



#81916
Cartridge
(Replaces #59921 & #59922)



#59922
Cartridge



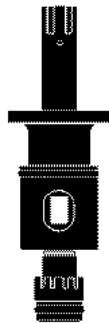
#52830
Ceramic



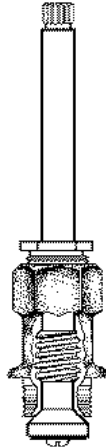
#59580
Ceramic



#45264

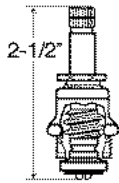


#45276

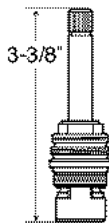


#45286

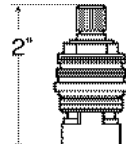
FOR SPEAKMAN



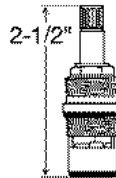
#45360
Right Handed
Stem Unit



#55345
Ceramic - Hot



#45851
Ceramic - Hot



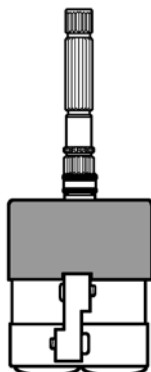
#45358
Ceramic - Hot

#45738
Left Handed
Stem Unit

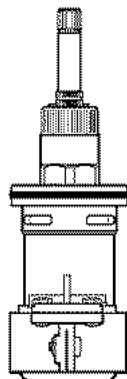
#55346
Ceramic - Cold

#45852
Ceramic - Cold

#45525
Ceramic - Cold



#83579

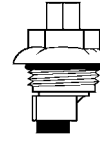


#83580

FOR STERLING

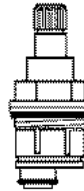


#45402
Right Handed

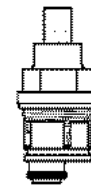


#45399

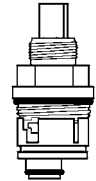
#45679
Left Handed



#51198
Ceramic - Hot



#54327
Ceramic - Hot

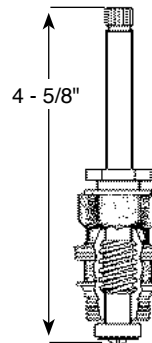


#54381
Ceramic - Hot

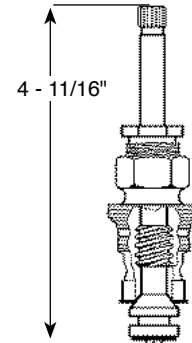
#53647
Ceramic - Cold

#54328
Ceramic - Cold

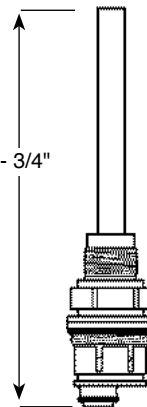
#54382
Ceramic - Cold



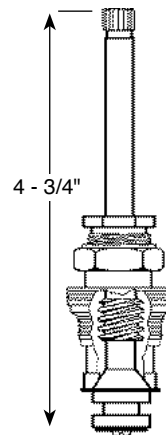
#45418



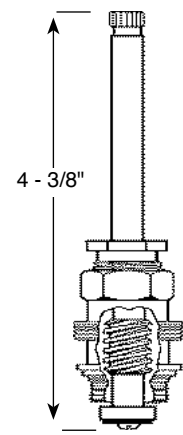
#45416



#54218
Ceramic - Hot



#45424



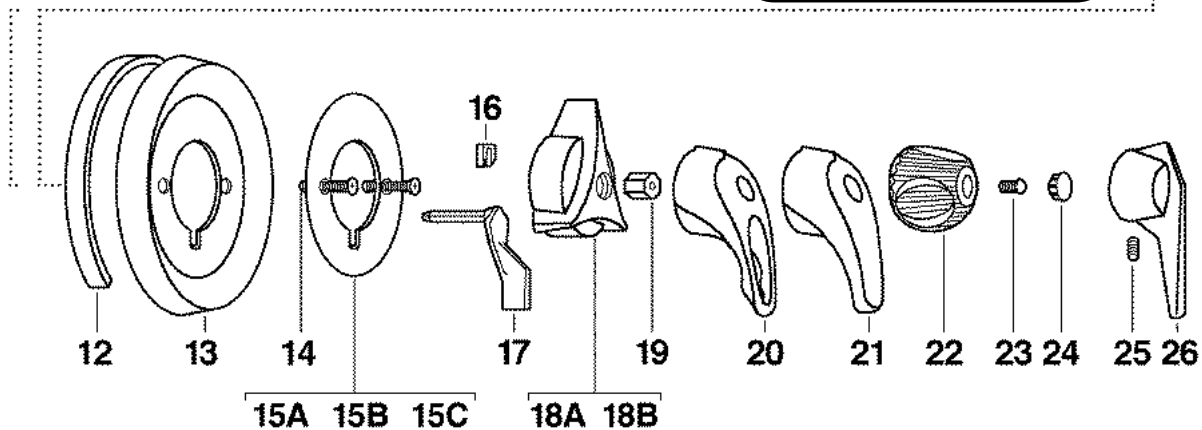
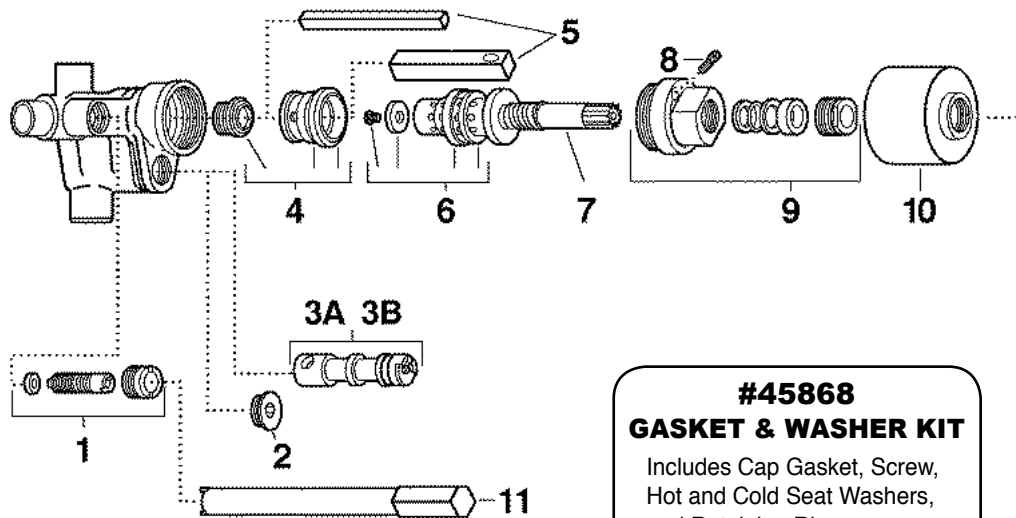
#45422

#54419
Ceramic - Cold



TEMPTROL Models A, B, and C

Single Handle
Pressure-Balancing Mixing Valve
From 1968 To Date

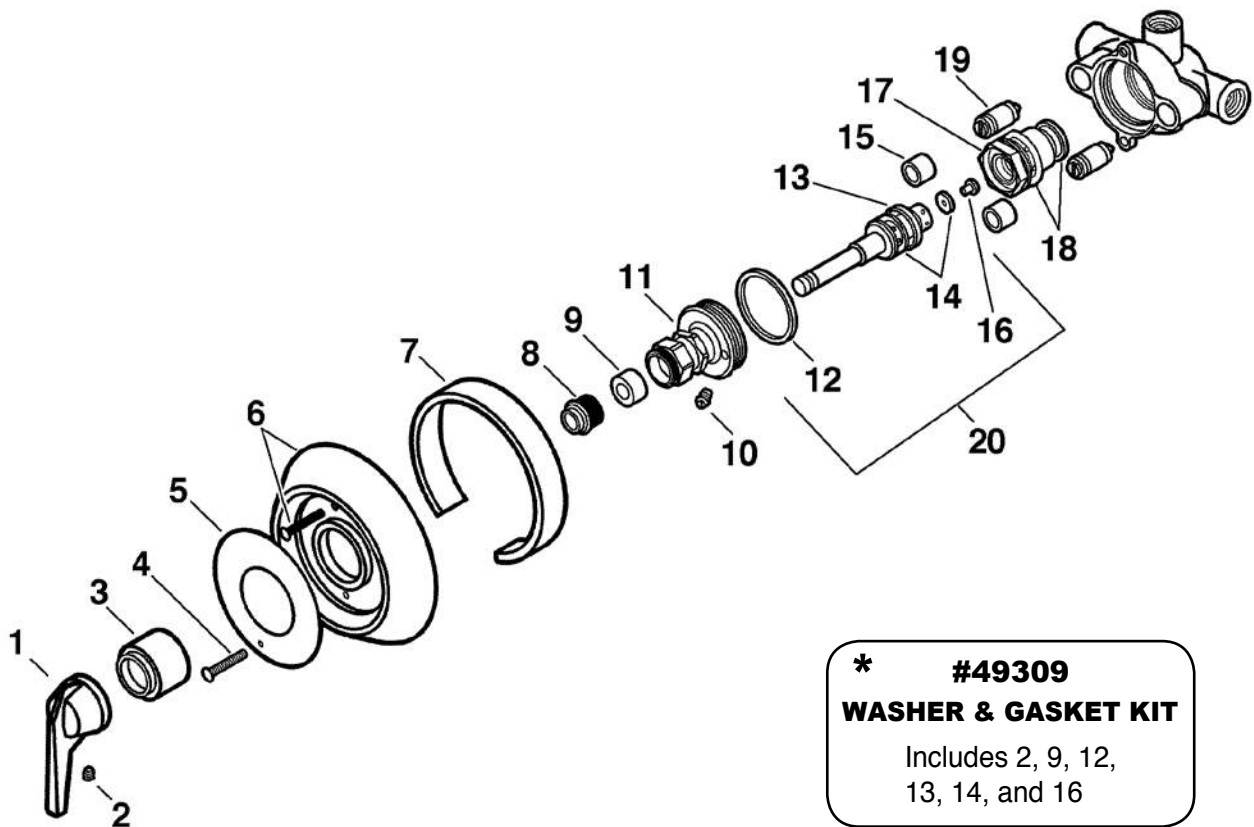


1 #57727	Stop Spindle Assy.	10 #51885	Dome Cover and Lock Nut	18A #51235	Plastic Control Handle
2 #57631	Diverter Retainer	11 #57725	Removal Tool	18B #46475	Metal Control Handle
3A #57632	Model A Spindle	12 #57030	Gasket	19 #56137	Handle Insert
3B #57634	Model B Spindle	13 #SP751	Old Style Escutcheon	20 #59328	Loop Style Lever Handle
4 #59827	Seat Assembly - H/C	14 #59337	Screws	21 #56138	Solid Style Lever Handle
5 #57862	Hot & Cold Seat Removal Tool	15A #51253	Model A Dial	22 #56537	Acrylic Handle
6 #45868	Repair Kit	15B #53399	Model B Dial	23 #56084	Handle Screw
7 #45430 (TA-10)	Flow Control Spindle	15C #44951	Model C Dial	24 #46475INDX	Plug Button
8 #50993	Limit Stop With O-Ring	16 #57029	Clip for Diverter Handle	25 #84858	Set Screw
9 #59314	Cap Assembly	17 #57635	Diverter/Volume Handle	26 #46408	Single Blade Lever Handle



SAFETYMIX

Single Handle
Pressure-Balancing Mixing Valve
From 1960 To Date



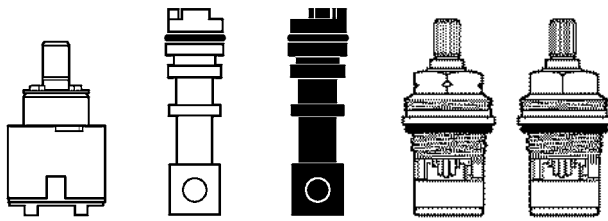
*** #49309
WASHER & GASKET KIT**
Includes 2, 9, 12,
13, 14, and 16

1	#46474	Lever Handle	12	*	Cap Gasket
2	*	Handle Screw	13	*	Washer Retainer
3	#59856	Dome Cover & Lock Nut	14	*	Hot & Cold Washers
4	#81210	Escutcheon Screw	15	#57878	Plaster Shield - 11/16"
5	#56469	Dial	16	*	Washer Screw
6	#53816	Escutcheon and Screw	17	#53291	Renewable Seat
7	#59869	Escutcheon Gasket	18	#80511	Top Seat O-Ring & Bottom Seat Gasket
8	#54593	Packing Nut with O-Rings	19	#57879	(PR) Stop Spindle Assembly
9	*	Packing	20	#45431 (C-5)	Flow Control Spindle
10	#57426	Limit Stop with O-Ring	*	#49309	Washer and Gasket Kit
11	#53580	Cap Assembly		#35043	Socket Seat Wrench (Not Shown)



FAUCET PARTS

FOR SYMMONS

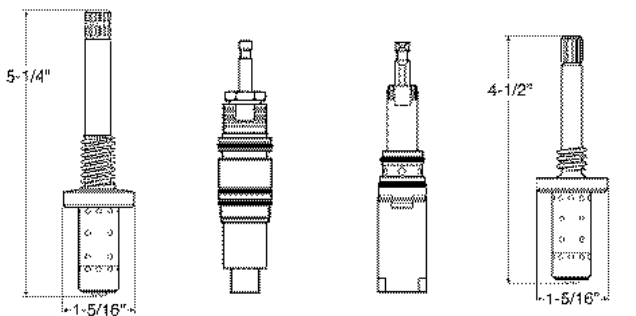


#57235
Ceramic

#57632
Diverter/
Volume
Spindle

#57634
Diverter/
Volume
Spindle

#SP8386
Hot & Cold Stem



#45431 (C-5)
Stem

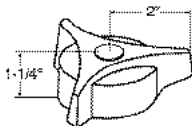
#54032
Slo-Closing
Cartridge

#52124
Self - Closing
Cartridge

#45430 (TA-10)
Stem

#49309
Repair Kit
for # 45431

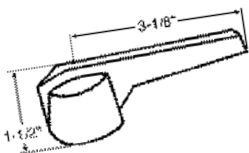
#45868
Repair Kit
for # 45430



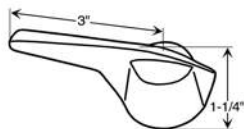
#46475
Metal
for # 45430
Fits Temptrol



#56138
Lever Handle Assembly
Fits Temptrol

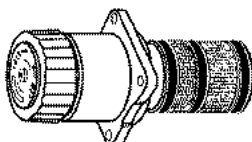


#46474
for # 45431
Fits Safteymix



#46408
Fits Temptrol

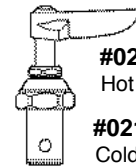
TEMP CONTROL CARTRIDGE



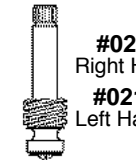
- #52685** (6-200NW)
- #53877** (6-400NW)
- #52454** (6-500NW)
- #53173** (6-700NW)

FOR T&S

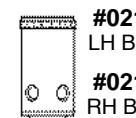
Compression Stem



#02192
Hot Assy.



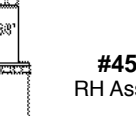
#02193
Cold Assy.



#02161
Right Handed



#02167
Left Handed

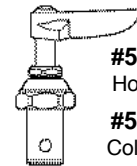


#02164
LH Barrel

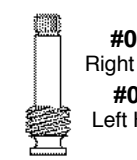


#02162
RH Barrel

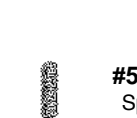
Stem w/check valve



#51433
Hot Assy.



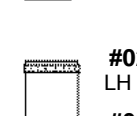
#51432
Cold Assy.



#02115
Right Handed



#02116
Left Handed

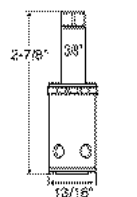


#51807
Spring



#51818
Seat Holder

Compression Stem & Barrel Assy.



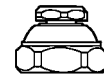
#45434
RH Assembly



#45691
LH Assembly

#02160
Hot Handle

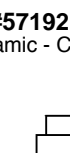
#02172
Cold Handle



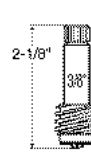
#SP4443
Bonnet Assy.



#57191
Ceramic - Hot



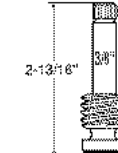
#57192
Ceramic - Cold



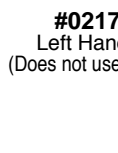
#44859
Right Handed



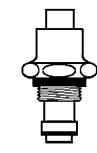
#44860
Left Handed



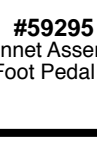
#02182
Right Handed
(Does not use Barrel)



#02178
Left Handed
(Does not use Barrel)



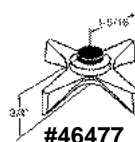
#02009
Bonnet Assembly
for Pre-rinse



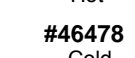
#59295
Bonnet Assembly
for Foot Pedal Valve



#02384
Metering Valve
Cartridge



#46477
Hot

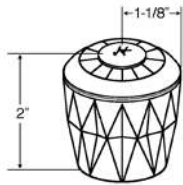


#46478
Cold



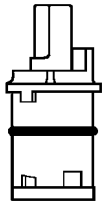
FAUCET PARTS

FOR VALLEY / ELJER & AQUALINE

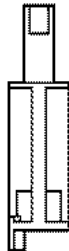


#46489
Hot Acrylic
Handle

#46490
Cold Acrylic
Handle



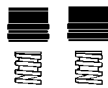
#45455
Non-handed



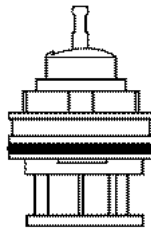
#45879
White Extender



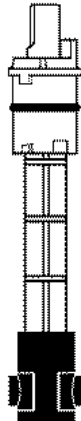
#45880
Black Extender



#45470
Seats & Springs



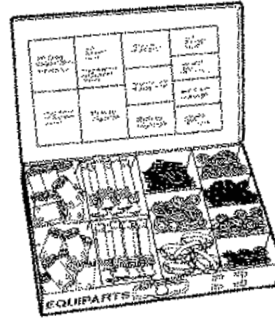
#45172
For Single Lever



#45457

T&S MASTER PARTS KIT

#02304



- Fixes Common Compression Stems
- Metal Case

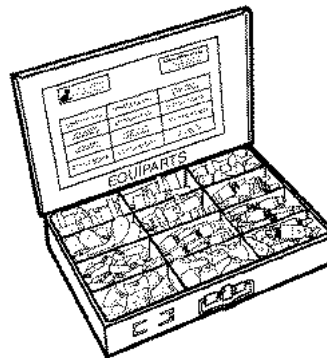
- 2 Packing Nuts
- 3 Inserts - Hot
- 3 Inserts - Cold
- 4 Spindles - Hot
- 4 Spindles - Cold
- 12 Handle Screws
- 25 Seat Washer Screws

- 15 Bonnet Gaskets
- 15 Seat Gaskets
- 25 Swivel Piece "O" Rings
- 25 Seat Washers
- 15 Packings

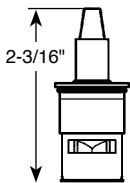
CHICAGO FAUCET NEW STYLE/OLD STYLE KIT

#51300

- Fixes Quatern Stems
- 26 Variety Assortment
- Approximately 138 Pieces

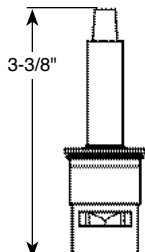


FOR ZURN



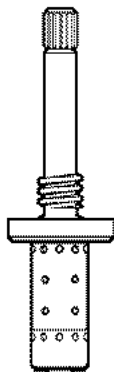
58095
Hot

58096
Cold

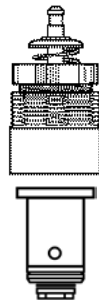


53529
Hot

53528
Cold



58155



53941
Upper Metering
Valve Kit

57593
Metering Sleeve
& Poppet

HUNDREDS OF THOUSANDS OF FAUCET PARTS AVAILABLE! IN STOCK!

ACORN	DELTA	LEONARD	STERLING
AMER. STANDARD	ELJER	MATCO	STREAMWAY
ARTISTIC BRASS	ELKAY	MILWAUKEE	SYMMONS
BLANKO	FISHER	MOEN	T & S
BRADLEY	FRANKE	PHOENIX	TOTO
BRIGGS	GERBER	PHYLRICH	UNION BRASS
BROADWAY	GROHE	POWERS	UNIV. RUNDLE
CENTRAL BRASS	HANS-GROHE	PRICE PFISTER	VALLEY
CHG	INDIANA BRASS	ROYAL BRASS	WATERSAVER
CHICAGO	JADO	SAYCO	WOLVERINE
CRANE	KOHLER	SLOAN	ZURN & MORE...
	KWC	SPEAKMAN	

O-RING and SCREW KITS

#05167

144 Piece "O" Ring Kit



#05310

144 Piece Brass
Bibb Screw Kit

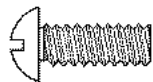
#05313-S

110 Piece Monel
Bibb Screw Kit



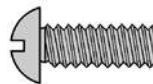
FAUCET REPAIR

BRASS BIBB SCREWS SMALL HEADS



#05289	(8/32 x 1/4)
#05290	(8/32 x 1/2)
#05291	(10/24 x 3/8)
#05292	(10/24 x 1/2)
#05293	(8/32 x 3/8)
#05296	(10/32 x 3/8)
#05297	(10/32 x 1/2)
#05298	(6/32 x 3/8)
#05299	(6/32 x 1/2)
#05310	(200 assorted in Pocket Pack)

MONEL BIBB SCREWS SELF LOCKING



LASTS FOREVER !

#05300	(6/32 x 3/8)
#05301	(6/32 x 1/2)
#05302	(10/24 x 3/8)
#05303	(10/24 x 1/2)
#05306	(8/32 x 3/8)
#05307	(8/32 x 1/2)
#05308	(10/32 x 3/8)
#05309	(10/32 x 1/2)
#05313	(220 assorted in Pocket Pack)

FAUCET WASHERS

Actual Size



#45008
American Standard
Cadet Washer



#05316
American Standard
Aqua Seal Washer



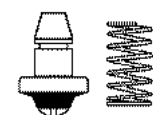
#04723
Chicago Washer



#04545
Crane Washer



#04772
Chicago Soft Washer



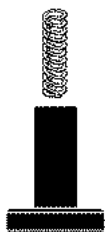
#44819
Fisher Valve Stem
Repair Kit
(Not Actual Size)



#55800
Chicago Hard
Washer



#45468
Price Pfister
Washer



#51807
T&S Spring

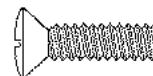
#51818
T&S Seat Holder



#54612
T&S Teflon
Washer

CHROME HANDLE SCREWS

OVAL HEAD



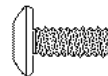
#05278	(8/32 x 1/2)
#05281	(8/32 x 7/8)
#45472	(8/32 x 1)
#45473	(10/24 x 1/2)
#05285	(10/24 x 5/8)
#45474	(10/24 x 3/4)
#45483	(10/32 x 1/2)
#45484	(10/32 x 3/4)

ROUND HEAD



#05280	(8/32 x 1/2)
#45488	(8/32 x 1)
#45489	(8/32 x 1-1/4)
#45490	(10/24 x 1/2)
#45491	(10/24 x 3/4)
#45492	(10/24 x 1)

TRUSS HEAD



#05279	(10/24 x 1/2)
#05282	(8/32 x 3/8)
#05286	(8/32 x 9/16)



FAUCET REPAIR WASHERS

MADE OF BLENDED FORMULA OF SBR COMPOUND • FLEXIBLE ENOUGH
TO INSURE EASY SHUT OFF • WILL NOT SWELL OR DISTORT THEIR SHAPE
WITH HOT OR COLD WATER • FLAT OR BEVELED

ACTUAL SIZE

000



3/16" I.D.
15/32" O.D.

FLAT #50485

00



3/16" I.D.
1/2" O.D.

FLAT #05265
BEV. #05251

1/4" S



3/16" I.D.
17/32" O.D.

FLAT #50612
BEV. #05252

1/4"



3/16" I.D.
9/16" O.D.

FLAT #05267
BEV. #05253

1/4" L



3/16" I.D.
19/32" O.D.

FLAT #05268
BEV. #05254

3/8"



3/16" I.D.
5/8" O.D.

FLAT #05269
BEV. #05255

3/8" M



3/16" I.D.
21/32" O.D.

FLAT #05270
BEV. #05256

3/8" L



3/16" I.D.
11/16" O.D.

FLAT #05271
BEV. #05257

1/2"



3/16" I.D.
3/4" O.D.

FLAT #05272
BEV. #05258

1/2" L



3/16" I.D.
25/32" O.D.

FLAT #05273
BEV. #05259

5/8"



3/16" I.D.
13/16" O.D.

FLAT #05274
BEV. #05260

5/8" L



3/16" I.D.
27/32" O.D.

FLAT #05275
BEV. #05261

3/4"



3/16" I.D.
7/8" O.D.

BEV. #05262

3/4"



3/16" I.D.
15/16" O.D.

FLAT #05276

1"



3/16" I.D.
1-1/8" O.D.

BEV. #05263

1"



3/16" I.D.
1-9/64" O.D.

FLAT #05277

POCKET PACK WASHER ASSORTMENTS

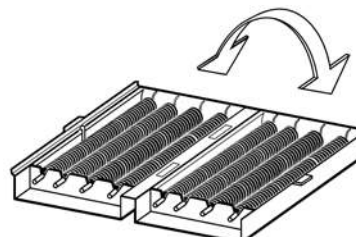


#05315

200 Piece Beveled
Faucet Washer Kit

#05319

200 Piece Flat
Faucet Washer Kit



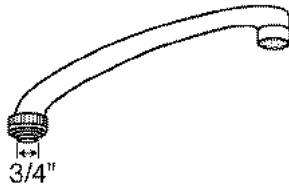
#54286

Contains 340 Assorted
Flat Faucet Washers

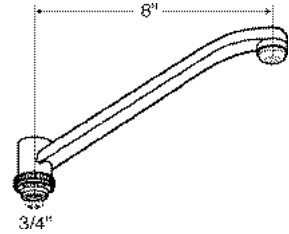


SPOUTS

CENTRAL



- #44880 6"
- #44879 8"
- #02361 10"
- #44882 12"
- #44877 14"

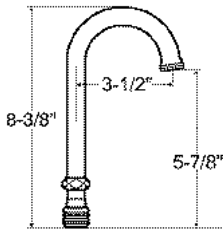


- #44881
8" Tube Spout
Hose Thread

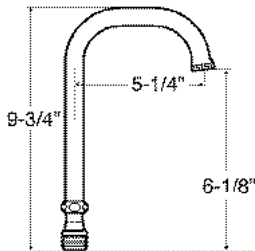
- #44878 8"

CALL FOR ADDITIONAL SPOUT OPTIONS

CHICAGO

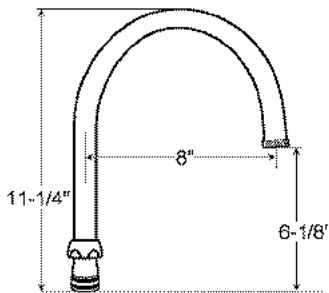


- #44004
SPOUT ONLY
USES # 50010 AERATOR



- #45460
SPOUT ONLY
USES #50010 AERATOR

- #CFGN2FC
SPOUT WITH FLOW CONTROL



- #02352
SPOUT ONLY
USES # 50010 AERATOR

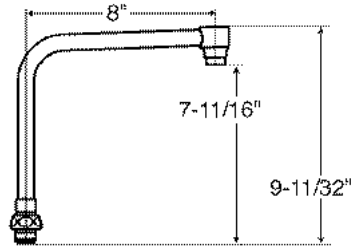
- #CFGN8JK-FC
SPOUT WITH
FLOW CONTROL



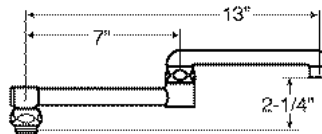
- #44869
SWIVEL / RIGID
SPOUT KIT

CALL FOR ADDITIONAL SPOUT OPTIONS

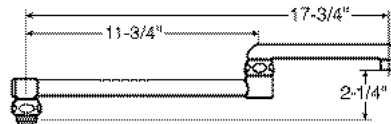
CHICAGO



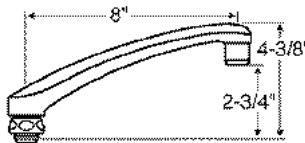
- #02354



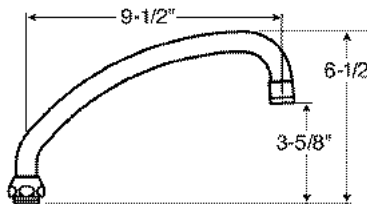
- #51186



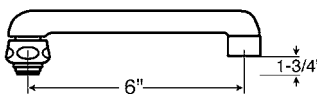
- #51187



- #44891



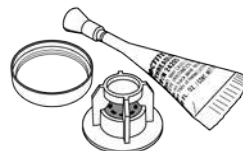
- #51191



- #44890



- #56854
FLOW CONTROL



- #51406
FLOW CONTROL WITH RING
AND THREAD LOCK

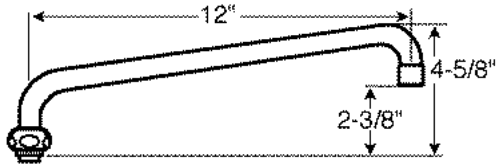


SPOUTS

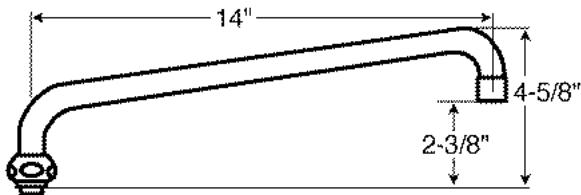
**CHICAGO
FAUCETS**

CHICAGO

#44892



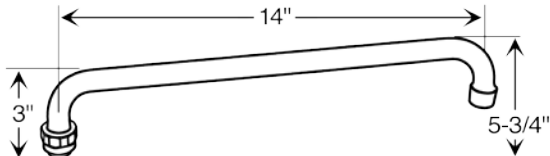
#44893



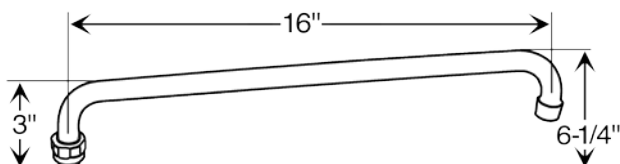
#55935
REPAIR KIT FOR
SWING SPOUT

CHG / ENCORE

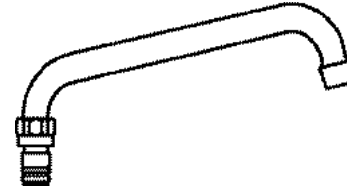
#58080



#57185



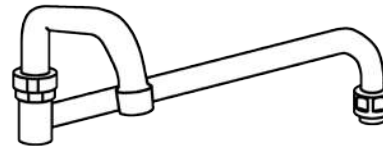
CHG / ENCORE



- #57193** 6" Swing Spout
- #54566** 8" Swing Spout
- #54609** 10" Swing Spout
- #57194** 12" Swing Spout
- #58080** 14" Swing Spout
- #57185** 16" Swing Spout
- #57195** 3-1/2" Gooseneck Spout

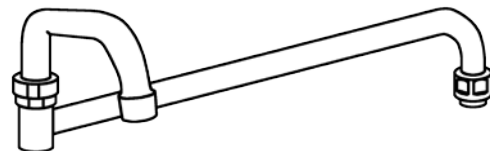
#82045

18" Chrome Double Jointed Spout



#82319

24" Chrome Double Jointed Spout



OTHER SPOUTS AVAILABLE ON REQUEST

FISHER



- #81229** 6" Swing Spout
- #56388** 8" Swing Spout
- #44887** 12" Swing Spout
- #02327** 14" Swing Spout
- #02328** 16" Swing Spout

CALL FOR ADDITIONAL SPOUT OPTIONS

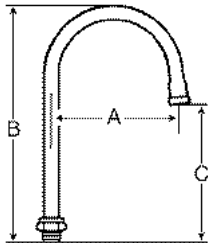


SPOUTS



SWIVEL GOOSENECK

Nozzle has male threads with stream regulator.

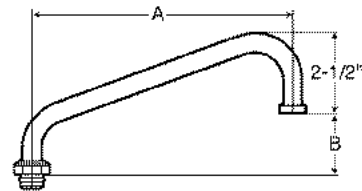


PART#	A	B	C
#02300	2-3/4"	4-1/2"	2-3/8"
#02301	2-3/4"	8-3/4"	5-1/8"
#02302	5-3/4"	8-3/4"	4-3/4"
#02303	8-3/4"	11-3/4"	5-1/8"
#83555	12-1/4"	14-11/16"	5-3/8"



SWING SPOUTS

Nozzle has male threads with stream regulator.

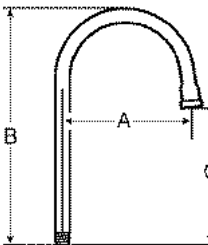


PART#	A	B	PART#	A	B
#44914	6"	2"	#02288	14"	4-1/4"
#02285	8"	2-1/4"	#44910	16"	5"
#44915	10"	3"	#44911	18"	5-3/4"
#44909	12"	3-3/4"			



RIGID GOOSENECK

Nozzle tip has 3/8" outlet with stream regulator.

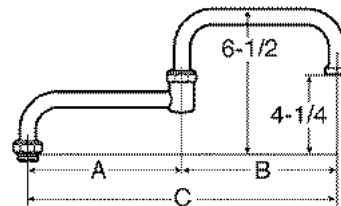


PART#	A	B	C
#02295	2-3/4"	8"	4-1/2"
#02296	5-3/4"	9-1/2"	4-1/2"
#02297	5-3/4"	11-1/2"	6-1/2"
#02298	5-3/4"	12-1/2"	7-1/2"
#02299	8-3/4"	10-3/4"	4-1/2"

Available With Vacuum Breaker



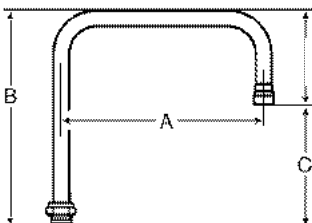
DOUBLE JOINTED SWING SPOUTS



PART#	A	B	C	PART#	A	B	C
#02291	6"	6"	12"	#02293	12"	6"	18"
#02292	9"	6"	15"	#02294	12"	12"	24"



CUSTOM SPOUT TO YOUR SPECIFICATIONS



- Specify A, B, C dimensions
- 3/8" IPS female outlet with stream regulator removed
- Swivel or 3/8" IPS male

IF YOU DON'T SEE IT, ASK !

**THOUSANDS
OF PARTS
AVAILABLE !!**

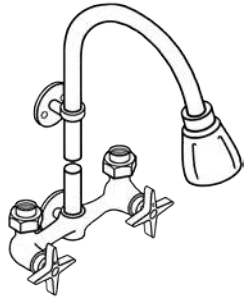
Call 877-477-2930 for Assistance



TUB & SHOWER

Central Brass

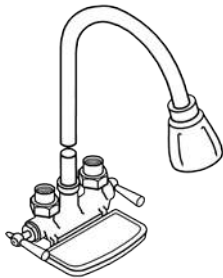
#83412 EXPOSED SHOWER



- 6" Centers w/ 4-arm cross handles
- 22-1/2" riser and shower head
- Replaceable seats
- PVD polished chrome finish

#83413 EXPOSED SHOWER

- Same as above, but with 8" centers



#57986 UTILITY SHOWER

- 3-1/2" Centers
- 22-1/2" high galvanized riser and shower head
- Soap dish
- 1/2- 14 NPSF (Dryseal) female unions

MOEN®

#83415 (8320) SINGLE-HANDLE PRESSURE BALANCING VALVE



- Chrome plated metal construction
- Pressure balancing cycle valve design
- 1/2" CC connections
- Supplied with vandal resistant screws



#84266 (8371HD) SINGLE-HANDLE PRESSURE BALANCING VALVE

- Adjustable temp limit stop
- 4 port
- 1/2" copper connection
- T8370 Trim Kit

POWERS
A WATTS INDUSTRIES CO.

#05892 (E710) THERMOSTATIC MIXING VALVE



- Temperature limit stop
- Quick acting thermo motor
- Integral checks
- ADA compliant lever handle
- 1/2" Sweat inlet/outlet connections



#53418

- Two handle tub and shower faucet

GERBER.

- 8" Centers
- IPS/Sweat
- Sliding sleeve escutcheon



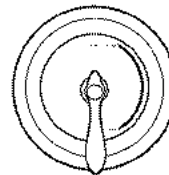
#53420

- Three handle tub and shower faucet

GERBER.

- 8" Centers
- Sliding sleeve escutcheon

SPEAKMAN®



#81599 (SM-3000-IS) PRESSURE BALANCED SHOWER VALVE

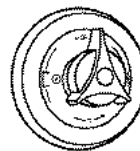
With Integral Spring Check Stops



#83525 (SM-5000) THERMOSTATIC PRESSURE BALANCED SHOWER VALVE

With Integral Spring Check Stops

Symmons®



TEMPTROL

#50611 (86-2)

Tub/shower valve only

#55095

As above but with stops



TEMPTROL 2000

#55022 (15-2-LR)

Tub/shower valve only

#55089

As above but with stops



#56139 (4-500X) SAFETY MIX TUB & SHOWER VALVE W/STOPS

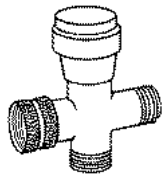
Other styles available on request



**COMPLETE VALVES AND
PARTS, PARTS, PARTS !!!**

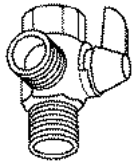


PERSONAL SHOWER



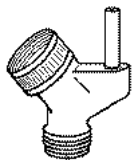
DUAL FLOW DIVERTER VALVE #05803

Directs the water flow from the shower head to the hand shower by pulling or pushing the control knob. Solid brass with chrome finish. 1/2" supply and hose fitting.



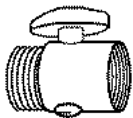
LEVER CONTROL DIVERTER VALVE #04693

Chrome plated brass, 1/2" supply and hose fitting.



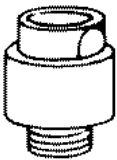
SHOWER ARM MOUNT #05812

Chrome plated brass



VOLUME CONTROL VALVE #04691

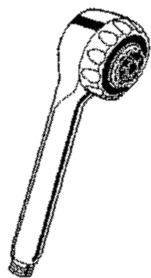
Provides full flow to trickle adjustments. Fits 1/2" connection.



VACUUM BREAKER

#05804
Chrome finish. Functions in any position. Fits 1/2" connection.

#05050
Vacuum Breaker (Budget)



MASSAGE ACTION HAND SHOWER #05802

Chrome finish. Gives massage and conventional spray.



ALSONS / DELTA HAND SHOWER #05800

White gloss finish with full spray pattern face plate



PUSH BUTTON HAND SHOWER #05801

White gloss finish. Provides maximum water savings by allowing the shower to pause for lathering and resume to a full spray for rinsing. Can reduce water use by more than 50%.

SHOWER HOSE

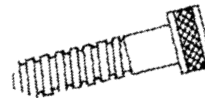


#54018

69" Stainless steel heavy duty shower hose with 1/2" IPS connections

Other Lengths And Types Available

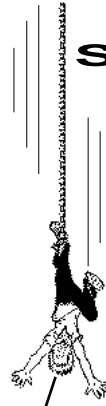
ECONOMY SHOWER HOSE



#44345

59" White vinyl economy shower hose

EQUIFLEX STRETCHABLE SHOWER HOSE



#56570

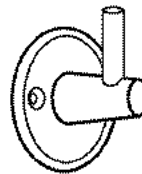
59" to 78"

#56575

100" to 120"

- Ideal for hospitals and nursing homes.
- Safely bathe children.
- Conveniently wash pets.
- Easily rinse bath and shower walls.
- Stainless steel double interlock.
- Chrome plated brass bell connector and chrome plated brass nut.

It stretches!



WALL MOUNT BRACKET

#05810

With acrylic pin and mounting screws

#05811

Deluxe C.P. brass and mounting screws



SWIVEL CONNECTORS

#05809

Plastic holder

#05808

Deluxe all C.P. brass



ANTIMICROBIAL HAND SHOWER

#40310044

White gloss finish with full spray pattern face plate



ANTIMICROBIAL PUSH BUTTON HAND SHOWER



#40310045

White gloss finish. Provides maximum water savings by allowing the shower to pause for lathering and resume to a full spray for rinsing. Can reduce water use by more than 50%.



SHOWER HEADS

Symmons



#SP3359

Universal Institutional Shower Head



#53382

Vandal Resistant Shower Head Insert
Male Thread



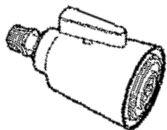
#50897

Male Commercial Shower Head
2.5 GPM



#50952

Commercial Wall Mount Shower Head



#55758

2.5 Gpm With Spray Control, Volume Control, And Male Ball Joint

#44788

2.5 Gpm With Spray Control, Volume Control, And Female Ball Joint

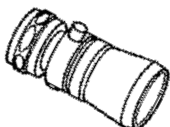


#54378

2.5 GPM No clog shower head
with a brass ball joint

#80710

1.5 GPM
Watersaver shower head



#53744

1.8 GPM brass shower head

SLOAN



#44760

2.5 GPM, chrome shower head
for institutional and commercial use

#81809

As above with 2.0 gpm.



#44523

2.5 GPM, 1-3/4" chrome plated, adjustable
shower head made of solid brass

#80709

As above with 1.5 gpm.



#44524

2.5 GPM, 2-1/4" chrome plated, adjustable
shower head made of solid brass



#04694

2.5 GPM, economy shower head, chrome
plated plastic, with brass ball joint

SPEAKMAN®



#83519

2.5 GPM, 5-jet shower head



#83520

2.5 GPM, polished chrome,
6-jet shower head



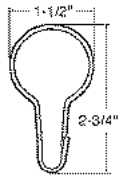
#56992

2.5 GPM, polished chrome,
8-jet shower head

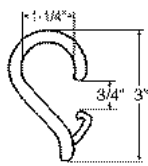


TUB & SHOWER

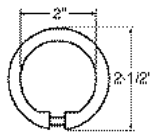
SHOWER HOOKS



#44463
Stainless Steel

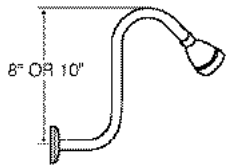


#44464
Plastic



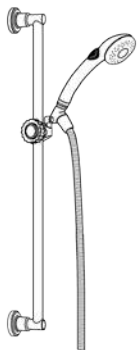
#44465
Clear

HIGH RISE SHOWER ARM



Increase The Height of
Any Shower Head !

#44460 8"
#44461 10"



#05807 ALSONS/DELTA SHOWER UNIT

Includes **#05801** push button white hand shower, chrome plated 24" wall bar with adjustable mount for tile offset, chrome plated brass swivel connector, and 69" stainless steel hose.



#53450 ALSONS/DELTA HEAVY DUTY GRAB BAR SHOWER UNIT

24" S.S. 1-1/2" Bar
w/ S.S. Flex Hose

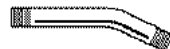


SPEAKMAN®

#83524
30" SLIDE BAR ONLY
Polished chrome
plated brass.

SHOWER ARM

CHROME PLATED BRASS



#44480 - 6" **#44481** - 8" **#44482** - 10"



#80851
DUAL SHOWER ARM
WITH BUILT-IN DIVERTER



#44462
SHOWER ARM SHUT OFF

Chrome plated brass. Allows slight trickle
in off position to protect valve.

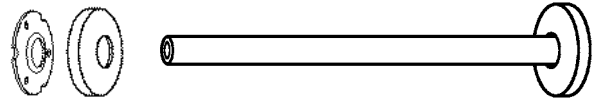
INSTITUTIONAL GRADE SHOWER CURTAIN RODS WITH FLANGES

For Use In High Traffic Shower Areas

Extra
Heavy Duty!

#44781F 1" x 60" - 18 Gauge S.S.

#44782F 1" x 60" - 20 Gauge S.S.



Other Sizes Available Upon Request

CHROME BATH SPOUTS



#04667

Tub filler

1/2" IPS at nose end of spout



#04671

Cast brass, 1/2" or 3/4" IPS
at wall end of spout



#04998

1/2" IPS at nose end of spout



#44060

1/2" nominal copper tubing
Attaches with set screw

NYLON SHOWER CURTAIN

- Easy care, commercial curtain, available in a variety of colors.
- Weights are sewn into curtain hems for even hanging, proper draping, and keeping the curtain inside.

All part #'s - White
Colors available on request.

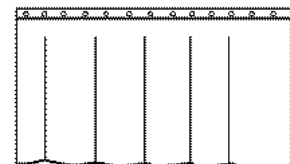
SHOWER CURTAINS

NYLON PART #	WIDTH	LENGTH	# HOOKS USED	FIRE RESIST PART #
#44466	36"	72"	7	#44473
#44467	-48"	72"	8	#44474
#44469	54"	72"	10	#44476
#44470	72"	72"	13	#44477
#44471	90"	72"	16	#44478
#44472	108"	78"	19	#44479

Specify curtains 6" to 12"
Wider than the shower rod length.

FLAME RESISTANT SHOWER CURTAIN

- Resistant to flame, bacteria, and mildew.
- Recommended for hospitals, nursing homes, etc.,



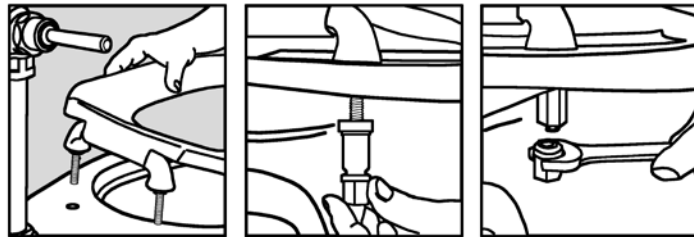
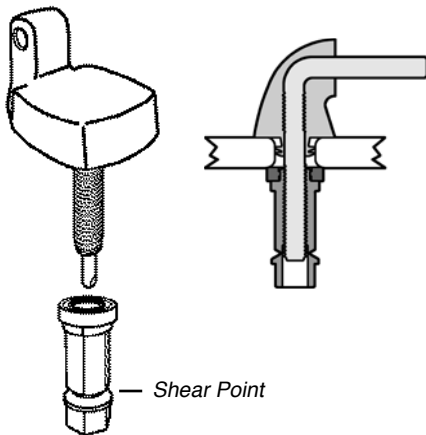
TOILET SEATS



ABOUT OUR CLOSET SEATS & HINGES

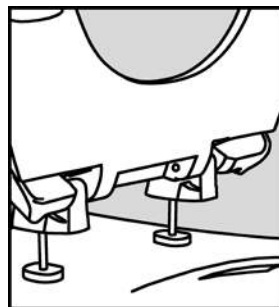
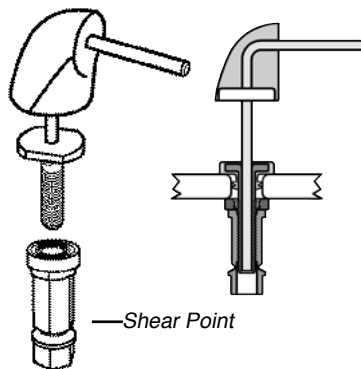
For more than a century, the name Church has stood for quality, strength and lasting beauty. Church Toilet Seats are made with the best available materials, hardware, and finishes. State-of-the-Art design capabilities make certain that our seats are not only comfortable, secure and solid, but also easy to install and maintain. Our toilet seats offer the most innovative features that deliver real performance benefits, as well as the best value in the industry.

Sta-Tite® Commercial Fastening System™



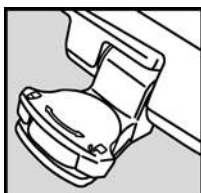
The Sta-Tite® Commercial Fastening System is easier, faster and more secure than other hinges. The one-piece integrated nut with washer eliminates fumbling with individual nuts and washers during seat installation. The glass filled propylene hinge body provides superior strength. The molded bushing eliminates the gap in bowl mounting hole, preventing hinge movement. The nut breaks off at a precise tightening torque, resulting in a seat that stays tight! Say goodbye to callbacks for loosened seats.

Just Lift® Hinges

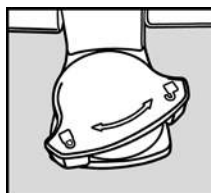


The new Just Lift® integrated hinge system provides access to those "hard to clean" areas in, around and beneath the hinge bodies. The style and comfort expected in a residential setting is delivered in a visually appealing, heavy duty seat built for commercial service. It combines electropolished stainless steel lift posts for smooth up and down travel with commercial grade, over-molded stainless steel mounting bolts. One-piece nuts with integrated washers eliminate fumbling with individual nuts and washers during seat installation. Installs 33% faster than a traditional seat with traditional hinges.

Easy-Clean® Hinges



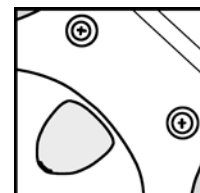
Easy-Clean™ Hinge



Twist Hinge to Unlock



Lift-Off™ Feature

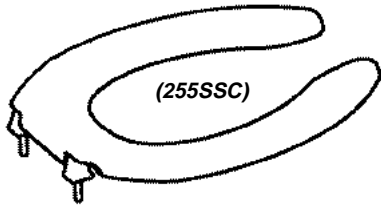


Easy-Clean™ Lifts Off
For Easy Cleaning



TOILET SEATS

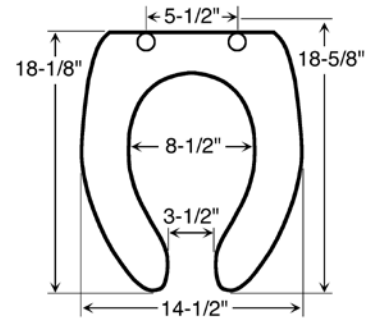
ELONGATED OPEN FRONT



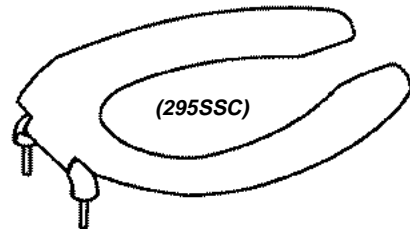
#05480 Heavy Duty White

#05481 Heavy Duty Black

*With Stainless Steel
Self-Sustaining Check Hinges*

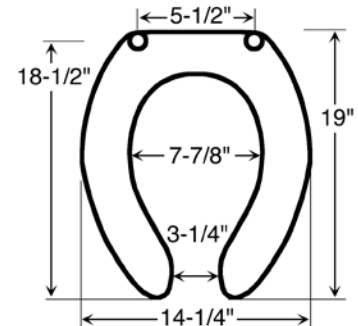


ELONGATED OPEN FRONT

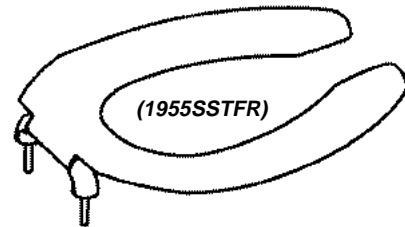


#05490 Extra Heavy Duty White

*With Sta-Tite® Stainless Steel
Self-Sustaining Check Hinges*

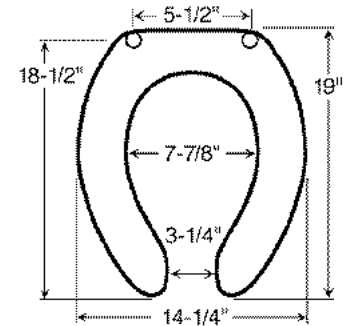


ELONGATED ANTIMICROBIAL OPEN FRONT

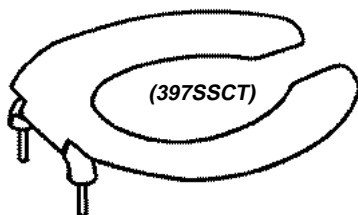


#40310018 White

*With Stainless Steel
Self-Sustaining Check Hinges*



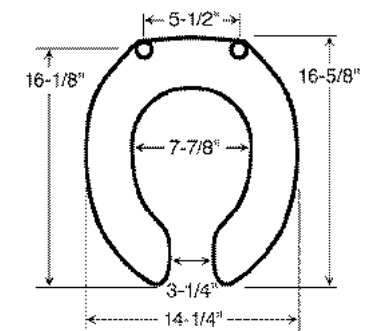
REGULAR OPEN FRONT



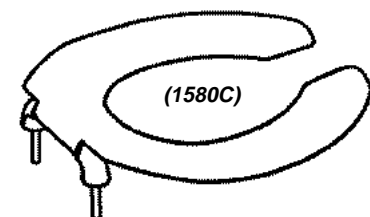
#05482 Heavy Duty White

#05483 Heavy Duty Black

*With Sta-Tite® Stainless Steel
Self-Sustaining Check Hinges*

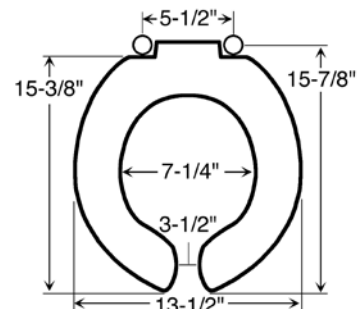


REGULAR OPEN FRONT INFANT SEAT

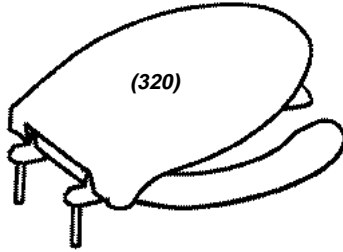


#53297 White

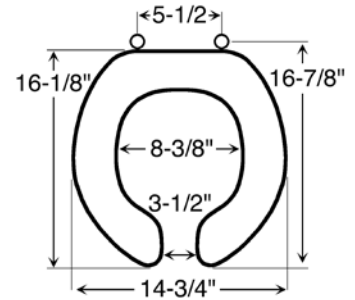
With Stainless Steel Check Hinges



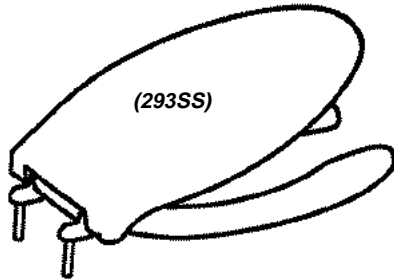
REGULAR OPEN FRONT W/COVER



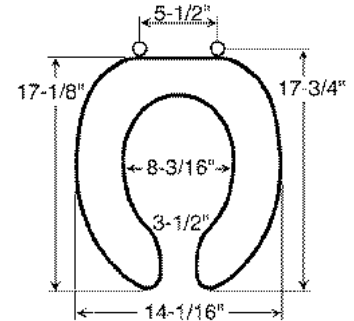
#05492 Heavy Duty White with Top Lock Hinge and Stainless Steel Pintels



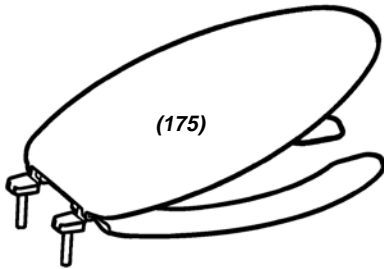
ELONGATED OPEN FRONT W/COVER



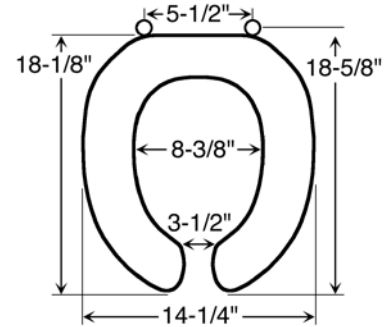
#05494 Extra Heavy Duty White with Self-Sustaining Chrome Plated Brass Hinges



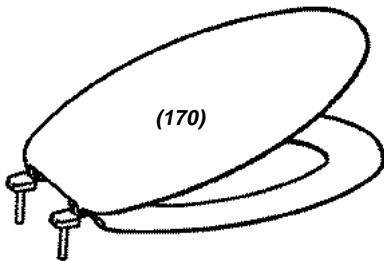
ELONGATED OPEN FRONT W/COVER



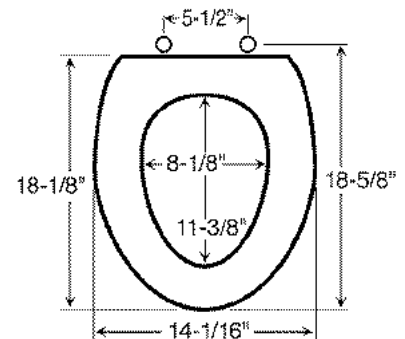
#05495 Economy White with Plastic Hinges



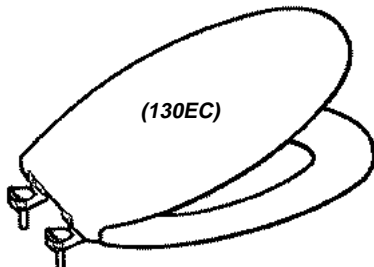
ELONGATED CLOSED FRONT W/COVER



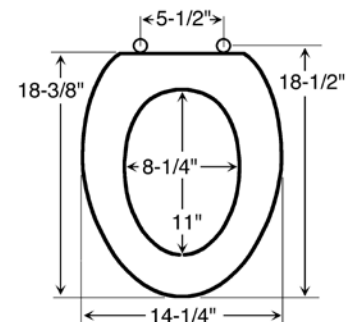
#05488 Economy White with Plastic Hinges



ELONGATED CLOSED FRONT W/COVER

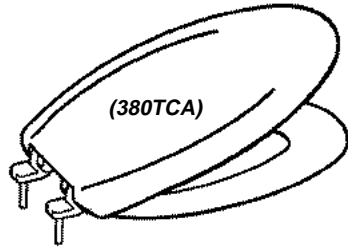


#05497 Medium Duty White with Easy-Clean™ Hinges & Stainless Steel Pintels

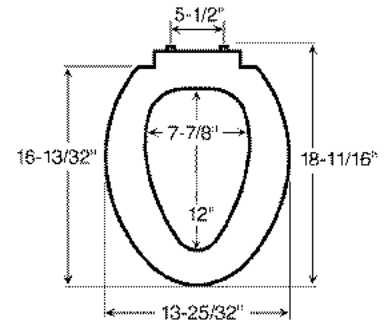


TOILET SEATS

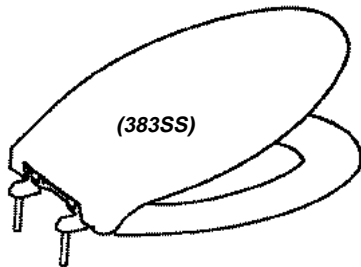
ELONGATED CLOSED FRONT W/COVER



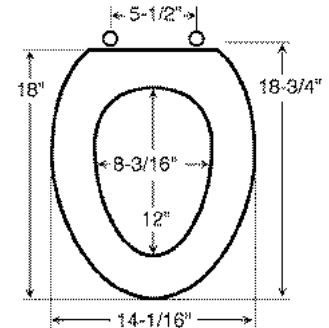
#05485 Heavy Duty White
with Top-Loc Plastic Hinges
& Stainless Steel Pintels



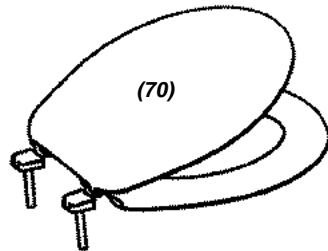
ELONGATED CLOSED FRONT W/COVER



#05484 Commercial
Extra Heavy Duty White
with Self-Sustaining
Stainless Steel Hinges

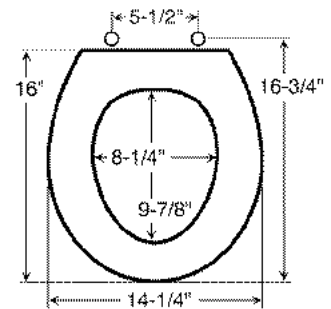


REGULAR CLOSED FRONT W/COVER

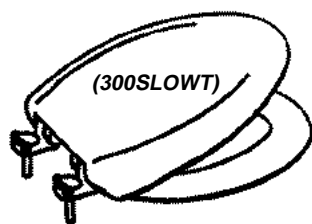


#05489 Economy White
with Plastic Hinges

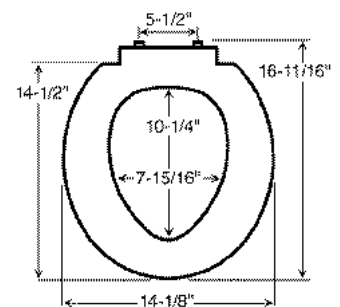
#05487 Medium Duty White
with Stainless Steel
Hardware Kit



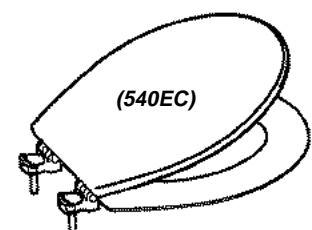
REGULAR ANTIMICROBIAL CLOSED FRONT W/COVER



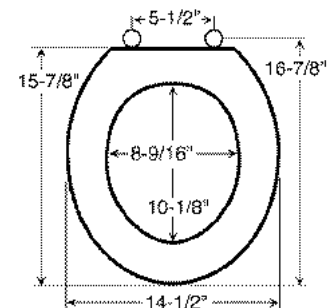
#05496 Heavy Duty White Antimicrobial
with Easy-Close™ and
Easy-Clean™ Sta-Tite Hinges
& Stainless Steel Pintels.



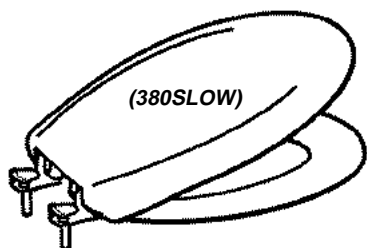
WOOD REGULAR CLOSED FRONT W/COVER



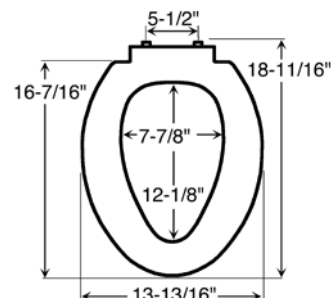
#40211080 Molded Wood
with Easy-Clean™
and Change Hinges



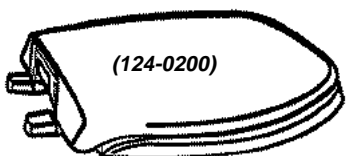
SLOW-CLOSE ELONGATED CLOSED FRONT



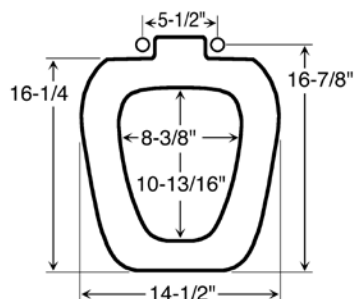
#58813 White Heavy Duty Antimicrobial with Easy-Close™, Easy-Clean™ and Change Sta-Tite Hinges & Stainless Steel Pintels.



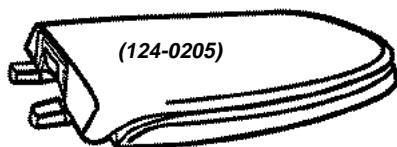
REGULAR CLOSED FRONT W/COVER ELJER EMBLEM SERIES



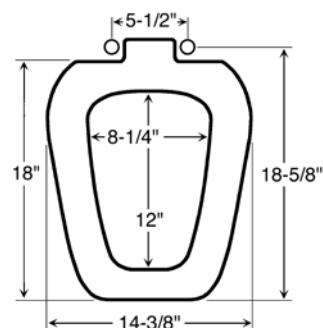
#53946 White with Top Lock Hinges. Fits Eljer Emblem Series



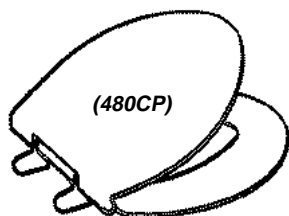
ELONGATED CLOSED FRONT W/COVER ELJER EMBLEM SERIES



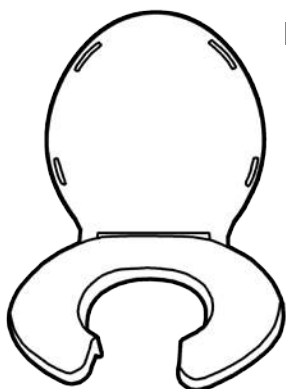
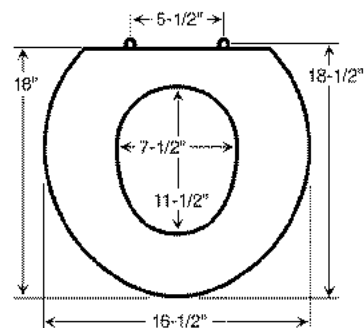
#53711 White with Top Lock Hinges. Fits Eljer Emblem Series



OVERSIZED ROUND OR ELONGATED SEAT CLOSED FRONT WITH COVER



#05472 White, with our strongest hinge on a covered seat, made of chrome plated brass. Stainless steel pintels. Sturdy hinge design will prevent wobbling.



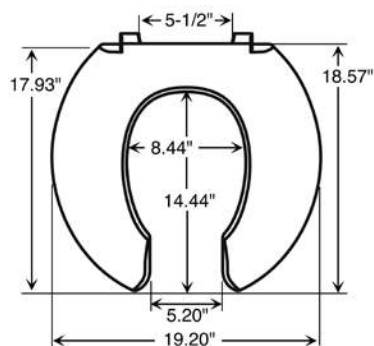
BIG JOHN TOILET SEAT

#81551 Big John Toilet Seat w Cover (White)

#81553 Big John Toilet Seat
(Shown) Open Front w Cover (White)

#81554 Big John Toilet Seat
Open Front Less Cover

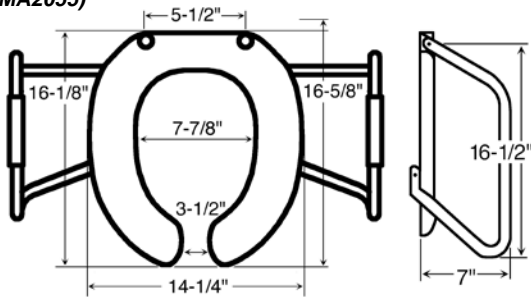
This exceptional seat is rated at over 1,200 pounds and meets ADA compliant regulation #4.23 ADAAG



TOILET SEATS

EXTRA HEAVY DUTY GUARD RAIL MOUNTED TO SOLID PLASTIC SEAT

(MA2055)

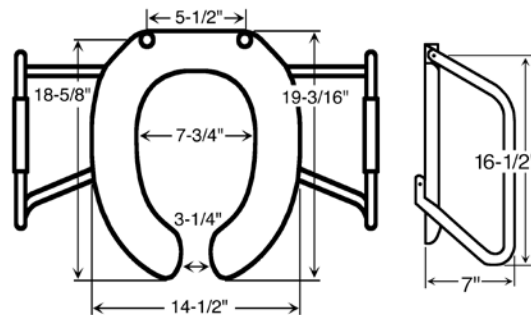


#03508 Regular

- Round seat, open front, less cover
- Heavy duty stainless steel side arms
- Solid Plastic
- Antimicrobial
- Also available with cover

EXTRA HEAVY DUTY GUARD RAIL MOUNTED TO SOLID PLASTIC SEAT

(MA2155)

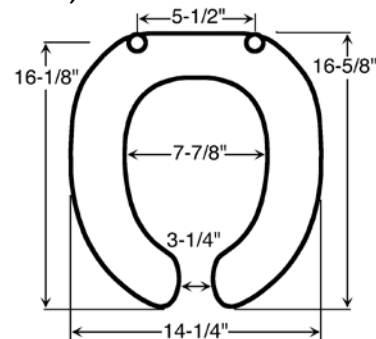


#03514 Elongated

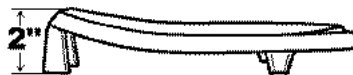
- Elongated seat, open front, less cover
- Heavy duty stainless steel side arms
- Solid Plastic
- Antimicrobial
- Also available with cover

HEAVY DUTY 2" LIFT SEAT

(2L2055)



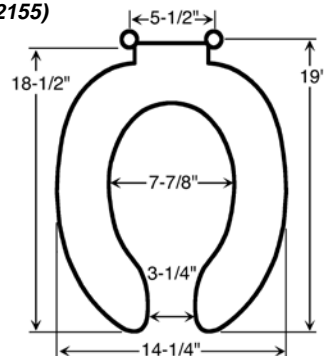
#03509 Regular



- Round seat, open front, less cover
- Concealed check hinge with stainless steel posts
- Solid Plastic
- Antimicrobial

HEAVY DUTY 2" LIFT SEAT

(2L2155)



#03515 Elongated

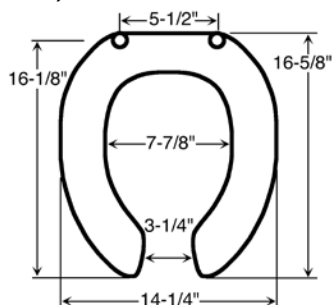


- Elongated seat, open front, less cover
- Concealed check hinge with stainless steel posts
- Solid Plastic
- Antimicrobial



HEAVY DUTY 3" LIFT SEAT

(3L2055)



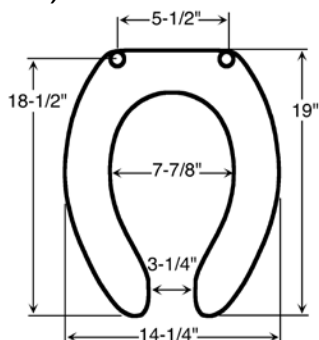
#03510 Regular



- Antimicrobial
- Round seat, open front, less cover
- Concealed check hinge with stainless steel posts
- Solid Plastic

HEAVY DUTY 3" LIFT SEAT

(3L2155)



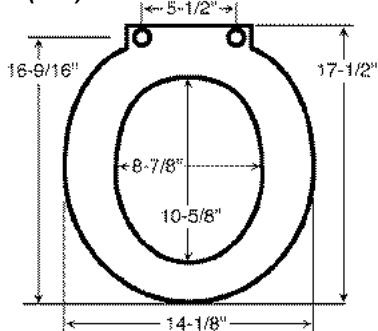
#03516 ELONGATED



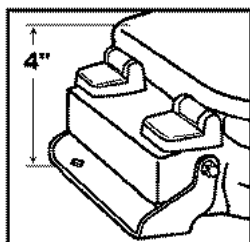
- Antimicrobial
- Elongated seat, open front, less cover
- Concealed check hinge with stainless steel posts
- Solid Plastic

HEAVY DUTY ANTIMICROBIAL 4" LIFT SPACER

(4LR)



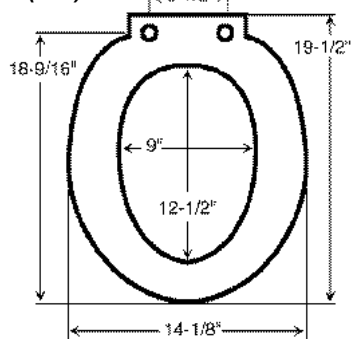
#03511 REGULAR



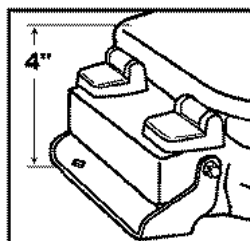
- Antimicrobial
- To be combined with any seat using a standard hinge width of 5-1/2"
- Bracket allows both lift and seat to be raised to vertical position for cleaning
- White color
- Does NOT include seat

HEAVY DUTY ANTIMICROBIAL 4" LIFT SPACER

(4LE)



#03512 ELONGATED



- Antimicrobial
- To be combined with any seat using a standard hinge width of 5-1/2"
- Bracket allows both lift and seat to be raised to vertical position for cleaning.
- White color
- Does NOT include seat

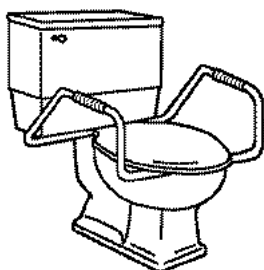
HEAVY DUTY WALL MOUNT GUARD RAIL UNIT



#03513

- Heavy duty 1" diameter 18 gauge stainless steel tubing
- Four stainless steel flanges allow for rigid mounting to wall
- For use with all tank or flush valve closets

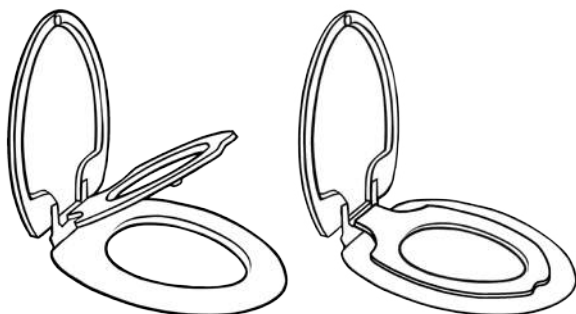
HEAVY DUTY BOWL MOUNT GUARD RAIL UNIT



#03517

- For use with any seat of 5-1/2" center to center hinge spread
- One piece stainless steel tubing
- Plastic handle grips
- Can adjust to regular or elongated bowls
- Seat can be raised to vertical position for easy cleaning

NEXTSTEP® BUILT-IN POTTY SEAT™



#83258
White
Elongated

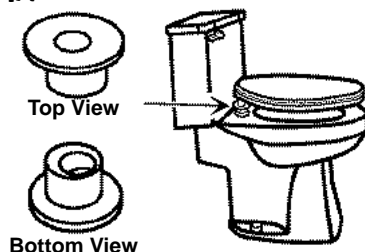
- 2-in-1 toilet seat accommodates both adults and children
- Potty seat secures magnetically into cover

#83259
White
Round

- Non-tarnish hinge accents bath hardware
- Durable wood with high gloss finish

TOILET SEAT HINGE STABILIZERS

Try This!

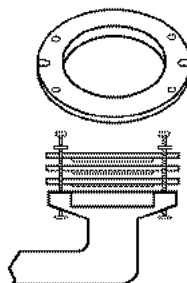


#SP2908PK

- No more loose seats!
- Twist & wobble are gone forever!
- Tighten once, never again
- Works with all seats and hinge styles

CLOSET SPACER

#53003



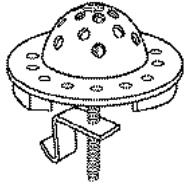
For use when repairing, replacing, or retiling bathroom floor. 1/4" thick durable plastic.

**STACK TO
DESIRED
HEIGHT!**



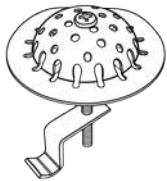
URINAL REPAIR

RETRO-FIT BEEHIVE URINAL STRAINER

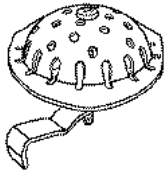


*Eliminate Clogs By
Adding Beehive Urinal
Strainers to Your Urinals!*

- #82732** For American Standard Washbrook Urinal
- #82733** For Crane Cromwell Urinal
- #82734** For Eljer Correcto Urinal
- #82735** For Kohler Barton Urinal



- #85042** For American Standard Allbrook Urinal



- #85233** For Kohler Dexter Urinal

URINAL GASKETS



- #05815**
Fits 2" Urinal Outlet
Soft Sponge Rubber



- #08138**
Urinal Gasket - Neoprene
2-3/16" ID x 3-1/4" OD
9/16" Thick



- #08139**
Urinal Gasket - Neoprene
2-1/4" ID x 3-1/16" OD
7/16" Thick

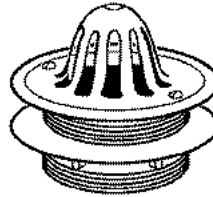


- #08140**
American Standard - Graphite
2" ID x 2-15/16" OD
7/16" Thick



- #08141**
American Standard - Graphite
2-5/16 ID x 3-1/4" OD
7/16" Thick

URINAL STRAINER



#08251

Chrome Plated Cast
Brass. 2" Lead Caulk,
Iron or Soil Pipe.

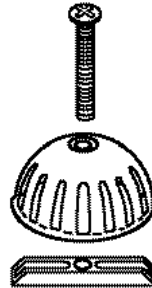
#53107

Top Beehive Grid Only
with Screws
3-3/4" on Centers

Other types and sizes available on request

KOHLER TYPE URINAL STRAINERS

Also Fits Zurn



#50938

Chrome plated urinal strainer
with screw and threaded
cross bar. 2-3/8" O.D.

FELT URINAL GASKETS FOR WALL MOUNTED FIXTURES



#05339

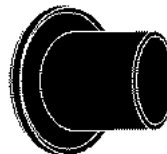
2" Urinal Treated
Felt Gasket

Urinal felt gaskets are treated to seal all
crevices on urinal outlets. Excellent for use
with drain openers. Will not melt or crack.

#82783 FERNCO WAX FREE URINAL SEAL



**For 2"
Drain Pipe**



- Fast, easy installation that provides a long term solution. Even reusable on the same urinal during service calls.
- Strong, flexible adhesive creates a positive seal.
- Seals to the inside diameter of the drain pipe, forming a water tight, gas tight and odor tight seal.
- Made of flexible PVC and will move with the urinal.
- Will not absorb moisture, or break down over time and is impervious to mold and mildew.

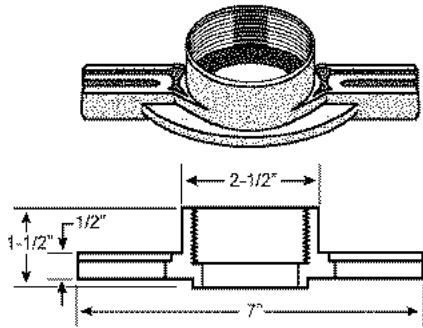


#05479

Urinal Reinforced Wax Seal
Fits 2"



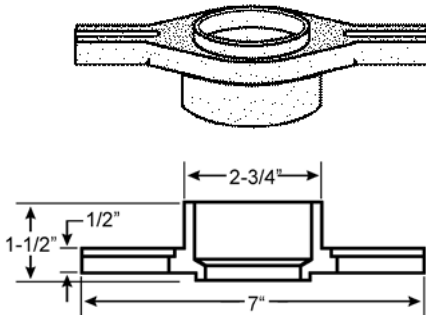
URINAL REPAIR



CAST THREADED URINAL FLANGE W/ SLOTS

PART #	SIZE	DESCRIPTION
#57348	2"	THREADED BRASS FLANGE KIT

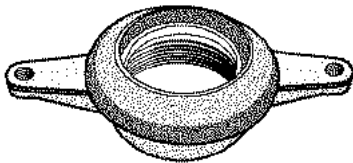
- Accepts standard galvanized, cast iron, or plastic 2" threaded pipe.
- Made of cast brass.
- Kit contains: 1 brass urinal flange, 1 flexible gasket, 2 closet bolts, 2 nuts and 2 washers.



ADJUSTABLE PLASTIC URINAL FLANGE

PART #	SIZE	DESCRIPTION
#57349	2"	PVC PLASTIC FLANGE KIT
#57351	2"	ABS PLASTIC FLANGE KIT

- Horizontal slots accommodate urinals with 4" to 6" flange mount centers.
- Fits over 2" schedule 40 DWV pipe.
- Kit contains: 1 plastic urinal flange, 1 flexible gasket, 2 closet bolts, 2 nuts and 2 washers.



CAST OEM TYPE URINAL FLANGE

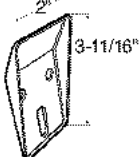
PART #	SIZE	TYPE	BOLT HOLE
#57341	2" IPS	For CRANE	5-1/2"
#57342	2" Sweat	For CRANE	5-1/2"
#57343	2" IPS	For CRANE (HEX BOLTS)	5-1/2"
#57344	2" IPS	For UR	4-1/2"
#57345	2" IPS	For ELJER	4-1/4"
#57346	2" Sweat	For ELJER	4-1/4"
#57347	2" IPS	For A/S	4"

CHINA WALL HANGERS



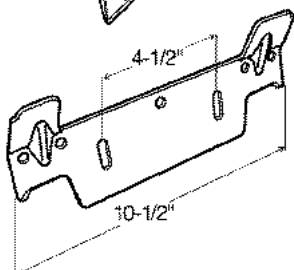
#52127

Lav/Urinal Hanger
2 required



#54195

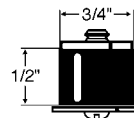
Urinal Hanger
2 required



#SP2560

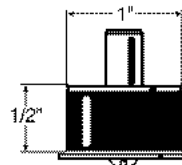
American Standard
Lavatory Hanger

URINAL PLUGS



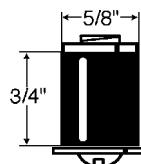
#08100

Fits Am. Stand,
Eljer, Kohler



#08088

Fits Crane



#08148

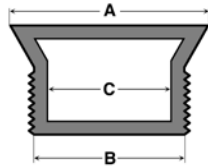
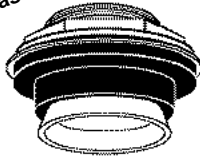
Fits Kohler



CLOSET & URINAL REPAIR

SPUD ASSEMBLIES

Cast Brass!



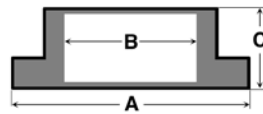
	Spud Size	A	B	C
#08025	3/4" x 3/4"	1-1/2"	1"	11/16"
#08024	1-1/4" x 1-1/4"	1-15/16"	1-5/8"	1-3/8"
#08023	1-1/2" x 1-1/2"	2-3/16"	1-7/8"	1-9/16"
#05398	2" x 2"	2-5/8"	2-5/16"	2-1/16"

REDUCING SPUDS

	Spud Size	A	B	C
#05444	1-1/4" x 3/4"	2"	1"	11/16"
#05400	2" x 1-1/4"	2-5/8"	1-5/8"	1-3/8"
#05399	2" x 1-1/2"	2-5/8"	1-7/8"	1-9/16"

Other sizes available - Call for assistance

SPUD WASHERS



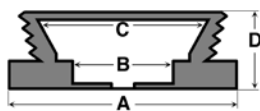
	Size	A	B	C
#08028	3/4"	2-3/16"	1-1/16"	1/2"
#08027	1-1/4"	2-1/2"	1-5/8"	9/16"
#08026	1-1/2"	2-5/8"	1-13/16"	5/8"
#08249	2"	3-1/8"	2-5/16"	11/16"

FRICTION RINGS



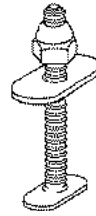
#08103	3/4"
#08102	1-1/4"
#08101	1-1/2"
#08250	2"

REDUCING SPUD WASHERS



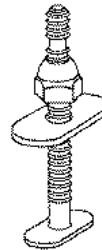
	Spud Size	A	B	C	D
#05437	2" x 1-1/4"	3-3/32"	1-5/8"	2-9/16"	9/16"
#05438	2" x 1-1/2"	3-3/32"	1-7/8"	2-5/8"	9/16"

BRASS CLOSET BOLTS



#05372	1/4" x 2-1/4"
#05373	1/4" x 3-1/2"
#05374	5/16" x 2-1/4"
#53016	5/16" x 3-1/2"

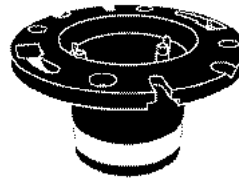
SNAP-IT BRASS CLOSET BOLTS



Specially designed solid brass closet bolt. 1/4" and 5/16" diameters with easy break off indent and no spin tab which sets bolt firmly in place when assembling closet bowl to flange.

#05358	1/4" x 2-1/4"
#05359	5/16" x 2-1/4" with fixed washer

CAST IRON FLANGE REPLACEMENT #53148



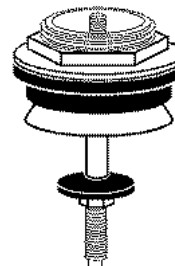
INCLUDES:

- Slides inside of a 4" cast iron or Sch. 40 DWV plastic pipe.
- 3" stainless steel bolts are tightened from the finished floor.
- Compression joint allows up to 3" of adjustment to the riser.
- No tear out or caulking required.

KOHLER URINAL SPUDS



#08123
3/4" - With Flow Control



#08124
1-1/4" - With Flow Control



CLOSET REPAIR



REINFORCED WAX SEAL



#05479
Fits 2" Urinal Outlet



REINFORCED WAX SEAL



#05370
Extra Thick,
Fits 3" & 4" Lines
For Floor Bowls



REINFORCED WAX SEAL WITH FLANGE



#05478
Fits All Wall Closet
Bowls and Carriers



REINFORCED WAX SEAL WITH FLANGE



#05371
Extra Thick,
Fits 3" & 4" Lines
For Floor Bowls



ECONOMY WAX RING WITH FLANGE



#50726
For floor closet bowls

SANI SEAL TOILET GASKET

Waxless toilet seal/gasket



- #85977**
- No messy wax
 - Works on all flanges
 - Very easy to stack for deep flanges
 - Holds bolts up and gasket in place



ECONOMY WAX RING



#53017
Economy wax ring

FELT CLOSET GASKET



#05338
For wall mounted fixtures

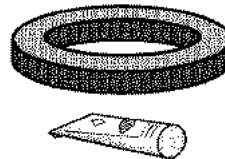
Wall mounted closet felt gaskets are treated to seal all crevices on closet outlets. Excellent for use with drain openers. Will not melt or crack.

CLOSET CUSHION RING



#05368
Urethane rubber for wall mounting
5-3/8" OD x 3-1/2" ID x 3/4" Thick

WALL MOUNT CLOSET GASKET



#08113
Zurn - Neo-seal with Adhesive
5-5/16" OD x 3-7/16" ID x 3/4" Thick



WAX-FREE TOILET SEAL



#80290 Fits 4"
#80289 Fits 3"

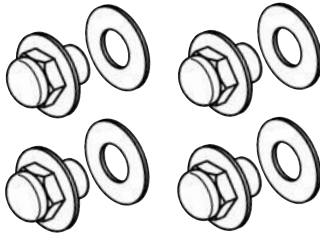
- No more guessing if there is a positive seal with the bottom of the toilet.
- A strong, flexible adhesive creates a strong seal to the bottom of the toilet.
- Seals on raised floors, wood, tile, linoleum and carpet.
- No need for flange risers or stacked wax rings.



CLOSET REPAIR

HEAVY DUTY EXTENDED CLOSET NUTS WITH WASHERS

Reinforce wall mount closets or use if bolts are not long enough



Helps Reduce Breakage!

#58399

Four pack.
Used with Toto & others.

CP NUTS FOR WALL HUNG CLOSETS



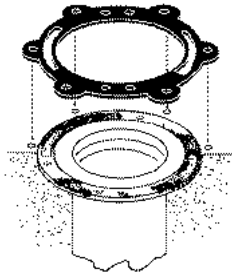
#50681

Nut & Washer Kit (4)

#SP1201E

Washer only

QUICK RING #55195



- Unique screw hole tabs allow the quick ring to be securely attached to wood or concrete sub-floors.
- Plastisol coated for corrosion protection.
- Slotted for 1/4" or 5/16" closet bolts.

Note : When Setting Toilet, Use a Wax Bowl Ring with Plastic Flange

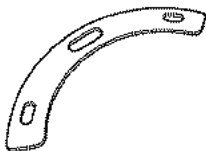
TOILET WEDGE



#59065E

Great for stabilizing rocking toilets. made from flexible white rubber.

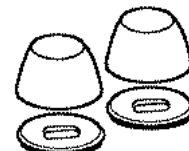
SPANNER CLOSET FLANGE



#05499

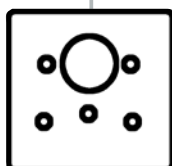
I.P.S. EASY SNAP-ON CLOSET BOLT CAPS

#05364

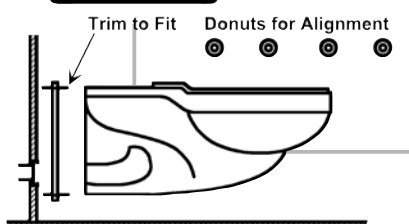


White plastic closet caps fit all closet bowls. Simple two piece snaps together.

"BIG FOOT IV" WALL HUNG TOILET STABILIZER SEAL GASKET

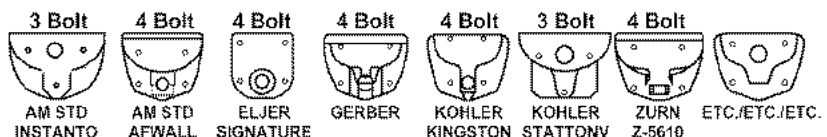


#81700
Soft Wall Gasket
Self Shimming
18" x 19" x 1/4" - White

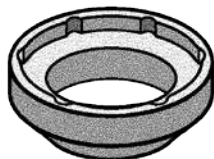


- Works with toilets - 4.5 GPF thru 1.6 GPF
- Rubber construction creates a total seal.
- Self-forming material eliminates wobbles and rocking
- Trim with ordinary razor blade knife
- Greatly reduces risk of cracked toilet bowls
- Protects the wall & ceilings below from water damage.
- Protects against cracked mounting flanges.
- Available in standard white. Custom colors available on request.

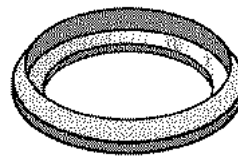
Fits Most 3 and 4 Bolt Patterns!



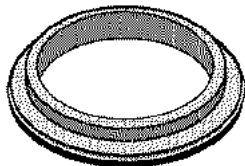
TANK TO BOWL GASKETS



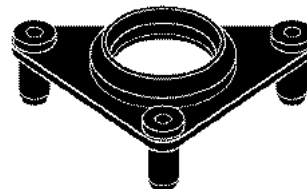
#05813
FOR AMERICAN STANDARD



#05817
FOR KOHLER



#05814
FOR ELJER



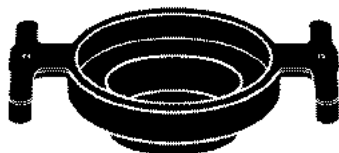
#53018
FOR KOHLER



#05815
FITS MOST



#05830
AMERICAN STANDARD - OLD STYLE



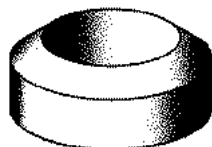
#58160
FOR ELJER

CLOSE COUPLED TANK GASKET

2-3/16" I.D. x 3-1/4" O.D.
7/16" Thick



#05439 Solid
#05440 Sponge

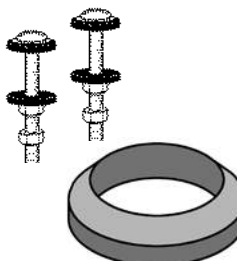


#05441
FOR GERBER OR CRANE
2-1/16" I.D. x 3-1/8" O.D. x 1-3/16" Thick

#05831 FITS MOST REPAIR KIT

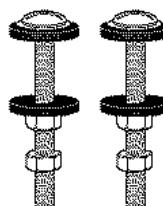
INCLUDES:

- Tank to bowl gasket
- 2 5/16" x 3" Brass bolts
- 4 Brass hex nuts
- 4 Round S.S. washers
- 4 Neowashers



#82234 TOILET COUPLING KIT AND GASKET

For American
Standard Champion



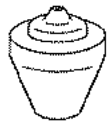
TANK TO BOWL BOLTS #05350

INCLUDES:

- 2 5/16" x 3" Brass bolts
- 2 Brass hex nuts
- 4 Round plated brass washers
- 4 Neowashers

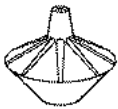


CLOSET REPAIR FLAPPERS & BALLS



SEAL MASTER TANK BALL

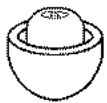
#05381
Standard Size
Red Rubber



TRIPLE SEAL TANK BALL

#05378
Standard Size
Black Rubber

#05379
Extra Large - 3"
Fits Briggs, Case
Black Rubber



TITE-SEAL TANK BALL

#05380
Standard Size
Black Rubber

#53015
For Eljer Only
Black Rubber



#05330

Fits Most Chemical Resistant

Red rubber. Specially formulated to resist purification chemicals and toilet cleaning products that can deteriorate ordinary rubber parts.



#50225

Fits Most
Blue Rubber
W/ Color Coded Inserts



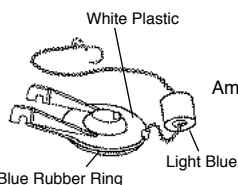
#52768

American Standard
Low Flow
-Black Rubber



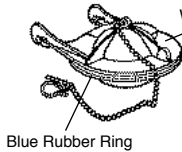
#05594

For American Standard
New Style
Blue Rubber



#53144

American Standard
Low Flow

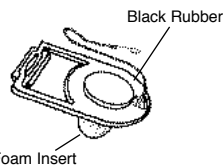


White Plastic

#SP7995

For American Standard
3" Flapper

Blue Rubber Ring

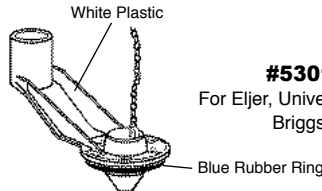


Black Rubber

#05376

For Crane
Old Style

Foam Insert

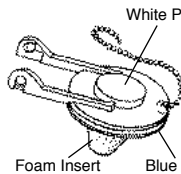


White Plastic

#53014

For Eljer, Universal Rundle,
Briggs...

Blue Rubber Ring



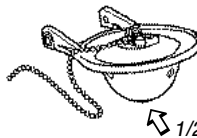
White Plastic

#50763

For Eljer
New Style
Blue Rubber

Foam Insert

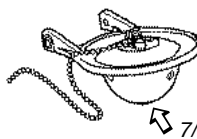
Blue Rubber Ring



#80292

For Eljer
Blue Rubber

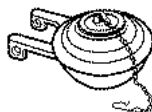
1/2" hole



#81724

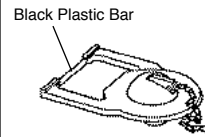
For Gerber
Blue Rubber

7/16" hole



#05595-S

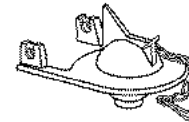
For Kohler
Chemical Resistant
Red Rubber



Black Plastic Bar

#54394

For Kohler
New Style
Red Rubber



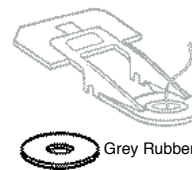
#50955

For Kohler
One-Piece Toilet
Red Rubber



#57387

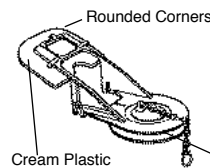
For Kohler
Red Rubber



#53008

Toto
Flapper Gasket Only

Grey Rubber Ring



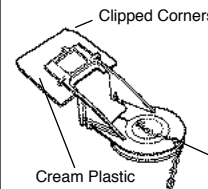
Rounded Corners

#57033

Toto
Other styles available.
Call for assistance.

Cream Plastic

Grey Rubber Ring



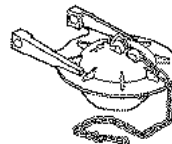
Clipped Corners

#54830

Toto
Other styles available.
Call for assistance.

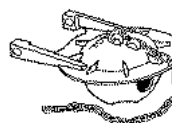
Cream Plastic

Grey Rubber Ring



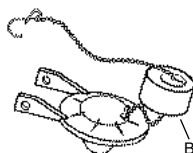
#54904

Toto - Blue Power
Gravity Flapper
w/plastic insert
Blue Rubber



#58084

Toto - Red Power
Gravity Flapper
Red Rubber



#53150

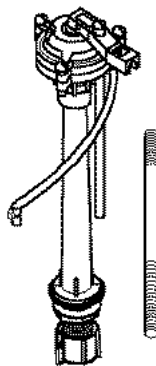
For Kohler
Low Flow
Blue Rubber

Blue

**MANY OTHER
TYPES AVAILABLE.
CALL FOR ASSISTANCE !**



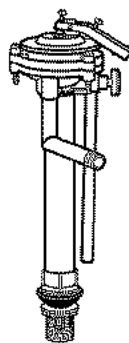
CLOSET REPAIR BALLCOCKS



**10" COAST (1B1) BALLCOCK
50413**

**12" COAST BALLCOCK
#56680**

- Fits many tanks
- Includes vinyl refill tube, brass float rod, nuts and washers
- ANTI-SIPHON - Code approved
- Solid one-piece design



**8" REPLACEMENT BALLCOCK
FOR ONE PIECE CLOSETS
#53002**

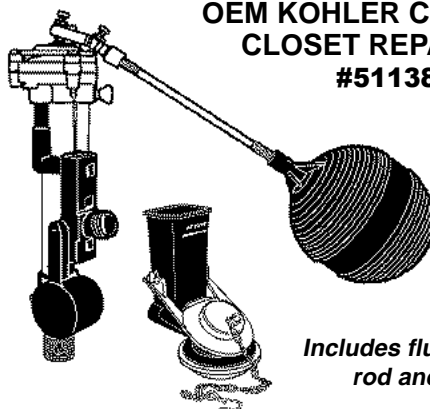
- Will replace Kohler OEM # 84499 ballcock
- Fits many one-piece toilets
- Code approved
- Non-metallic
- Manufactured by Coast



**FLUIDMASTER (PRO 45)
#05467**

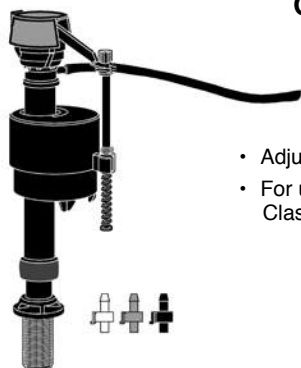
- Fits most any toilet tanks
- Adjustable from 9-1/4" to 14" height
- ANTI-SIPHON - Code approved
- Non-corrosive stainless steel components
- Less shut-off noise, shorter fill up time, positive shut-off
- Saves water

LEAK SENTRY AVAILABLE UPON REQUEST



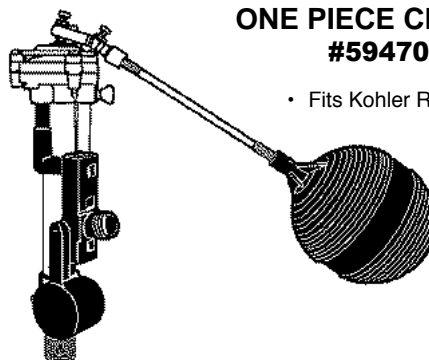
**OEM KOHLER COMPLETE
CLOSET REPAIR KIT
#51138**

*Includes flush valve,
rod and ball*



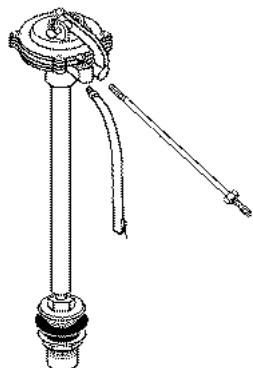
**OEM KOHLER
#83133**

- Adjustable to correct size
- For use on Kohler Class Five® toilets



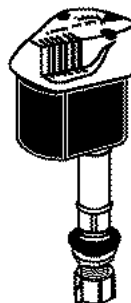
**FITS KOHLER BALLCOCK
ONE PIECE CLOSET
#59470**

- Fits Kohler Rialto



**MANSFIELD (07)
#05465**

- Virtually noiseless
- Adjustable water flow
- Adjustable refills flow
- Quick, snap action shut-off
- Celcon® seat disc
- 8" Vinyl refill tube
- 8" Brass float rod
- Code approved



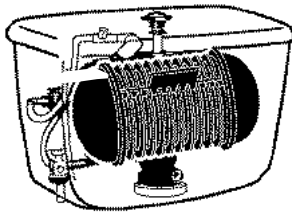
**HUNTER TOILET TANK
FILL VALVE
#57573**

- Adjustable height fits all two piece toilets
- Ultra quiet when filling tank
- Anti-siphon - code approved
- Made of solid Celcon® plastic
- Fully enclosed housing
- Adjustable range of 8" to 13"
- Saves water
- Also fits Toto



FLUSHMATE - CLOSET REPAIR

2ND SERIES (500)

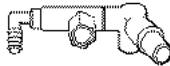


#53678

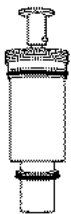
Pressure Assist System
for Kohler and Gerber
china tank only

#52221

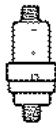
Pressure Assist System
for American Standard
china tank only



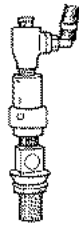
Upper Supply
NOT AVAILABLE -
USE # 52224



#08287
Flush Valve
Cartridge



Pressure
Regulator Valve
NOT AVAILABLE -
USE # 52224



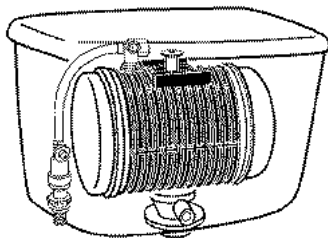
Lower Supply
NOT AVAILABLE -
USE # 52224
INCLUDES UPPER GROUP

#52228
Push Button
Assembly - Chrome



#52229
Push Button Assembly
Bright Brass

4TH SERIES (501-A)

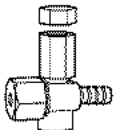


#53678

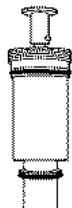
Pressure Assist System
for Kohler and Gerber
china tank

#52221

Pressure Assist System
for American Standard
china tank only



#53680
Upper Supply



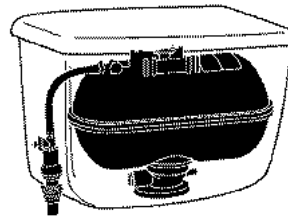
#08287
Flush Valve
Cartridge



#52225
Lower Supply Group
With Hose

**COMPLETE UNITS AVAILABLE.
CALL FOR ASSISTANCE!**

5TH SERIES (501 B)

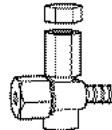


#53678

Pressure Assist System
for Kohler and Gerber
china tank only

#52221

Pressure Assist System
for American Standard
china tank only



#53680
Upper Supply

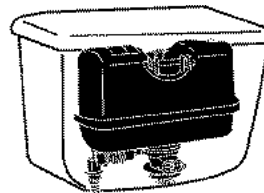


#08287
Flush Valve
Cartridge



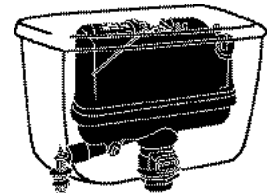
#52225
Lower Supply Group
With Hose

SERIES (503) & (504)



#84653

Pressure Assist System
for Kohler china tank only

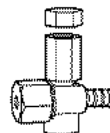


#81804

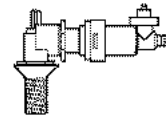
Pressure Assist System
Fits most china tanks

#SP10896

Pressure Assist System
FOR Gerber with F3GR
in serial number



#53680
Upper Supply



#53679
Lower
Supply Group



#08287
Flush Valve
Cartridge

**FOR COMPLETE FLUSHMATE TANK ASSEMBLY,
CALL FOR ASSISTANCE**



#52224
Complete Supply Group
For All Series



#53681
Flushmate
Wrench



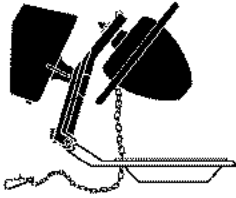
#82701
Cartridge
Extractor



CLOSET REPAIR-FLUSH VALVES

FLUIDMASTER FLUSHER FIXER KIT #05818

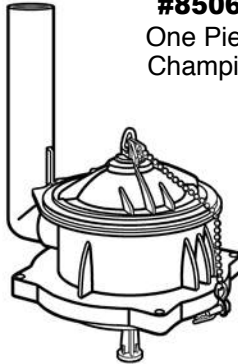
*ELIMINATES TANK OUTLET LEAKS
ONCE AND FOR ALL !*



Easy to install without tools! Features a captive vinyl flapper that is hinged directly to a sealant mounted non-corrosive replacement seat. The flusher fixer is simply bonded to the existing standard 2" brass or plastic flush valve seat with new, ready to apply sealant.

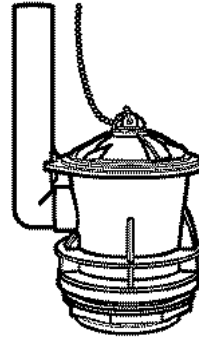
AMERICAN STANDARD FLUSH VALVE ASSEMBLY

#85060
One Piece
Champion



AMERICAN STANDARD FLUSH VALVE ASSEMBLY

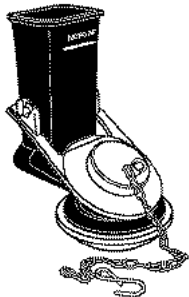
#56827
Fits New
Champion Closet



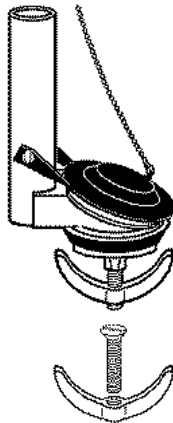
#81052
Seal Kit for
#56827 above.



KOHLER FLUSH VALVE ASSEMBLY FOR ONE PIECE TOILET #59289

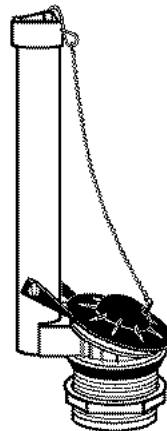


FITS ONE PIECE CLOSETS ELJER, CASE, BRIGGS, & MANY OTHERS #05824



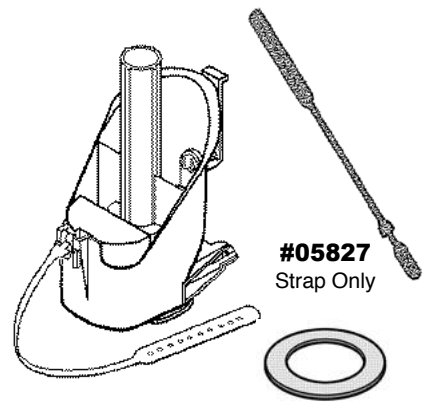
#53070
Bolt Only
#53078
Wing Only

DOUGLAS STYLE #05382

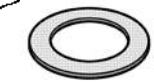


FLAPPER TYPE

UNIVERSAL RUNDLE / SEARS TILT VALVE COMPLETE #05826

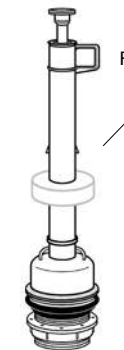


#05827
Strap Only



#05828
Valve Seal Only

MANSFIELD "UNIVERSAL"



FOR 1.6 GPF
ONLY

#05820
Standard flush valve

#05821
1.6 GPF flush valve



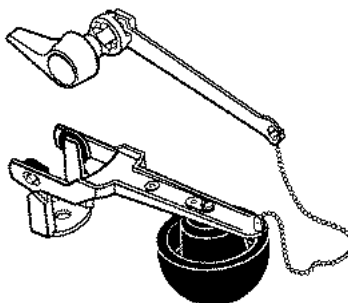
#05822
Seal Only - Old style



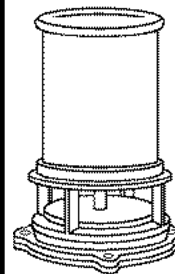
#05823
Seal Only - New style

ELJER OLD STYLE

#05498
Lever and flush assembly



OLD STYLE CURTAIN FLUSH VALVE



#53062

Can be replaced by:

#53039

OR

#53047

With handle



#05829
Leather seal



CLOSET REPAIR-FLUSH VALVES

AMERICAN STANDARD



#53039

Fits tanks 2000, 2005, and 2010.

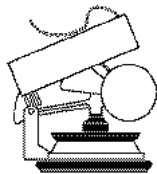
AMERICAN STANDARD



#53041

Fits tanks 2000, 2005, and 2010.

AMERICAN STANDARD



#53048

Used In One-Piece Toilet

Fits tanks 2006, 2007, 2008, 2012, and 2016.

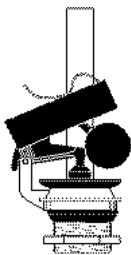
AMERICAN STANDARD



#53045

Fits tanks 2080, 2085, and 2093.

AMERICAN STANDARD



#53058

Fits tanks 2080, 2085, and 2093.

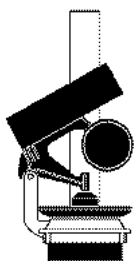
AMERICAN STANDARD



#53047

Fits tanks 2000, 2005, and 2010.

AMERICAN STANDARD



#53050

Used In One-Piece Toilet

Fits tanks 2002, 2003, 2004, and 2009.

AMERICAN STANDARD



#53043

Snap On Valve Seal



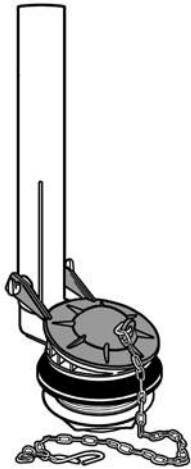
#53044

Threaded Valve Seal



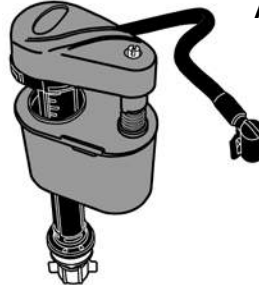
TOTO CLOSET REPAIR

TOTO®



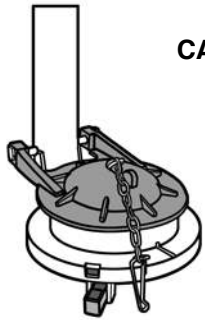
**FLUSH VALVE FOR
PROMENADE TOILET**

#05343 (THU106N)
(Replaces THU106N-1)



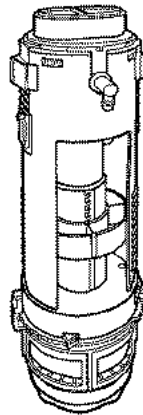
**E-MAX FILL VALVE
ASSEMBLY FOR TOILET**

#83671 (TSU26A)



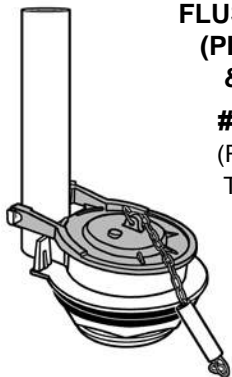
**POWER GRAVITY FLUSH
VALVE W/ FLAPPER FOR
CAROLINA, SUPREME TOILET**

#05340 (THU001Z)
(Replaces THU001N)



**FLUSH VALVE ASSEMBLY
W/ MOUNTING NUT
FOR AQUIA TOILET**

#83261 (THU224)



**FLUSH VALVE ASSEMBLY
(PINK FLAPPER (14+3)
& MOUNTING NUT)**

#05351 (THU129P-A)
(Replaces THU129W-A,
THU129P, THU129ZE)



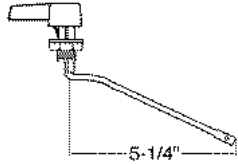
**UNIVERSAL FILL VALVE
ASSEMBLY**

#85434 (TSU99A.X)
(Adjustable replacement part)

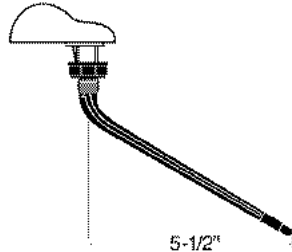


CHROME PLATED

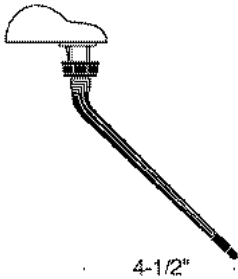
TANK LEVERS



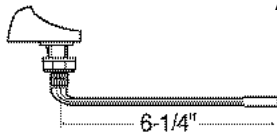
AMERICAN STANDARD
No Longer Available
Use #44368



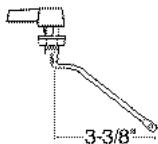
AMERICAN STANDARD
#44368
Chrome Handle
#51912
Polished Brass Handle
#53295
White Handle



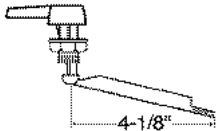
AMERICAN STANDARD
#55593 LH
#53134 RH
Chrome Handle
#53131
White Handle
#55593PB
Polished Brass Handle



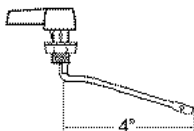
AMERICAN STANDARD
#44370
Chrome Handle
#44371
White Handle



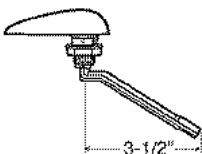
AMERICAN STANDARD
#44364
Chrome Handle
#44532
Polished Brass Handle



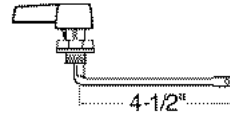
AMERICAN STANDARD
#44365



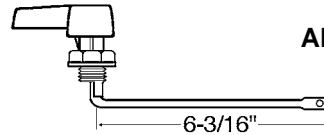
AMERICAN STANDARD
No Longer Available
Use #44365



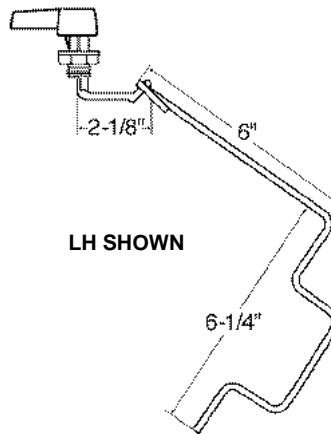
AMERICAN STANDARD
#SP8043



AMERICAN STANDARD
#44367

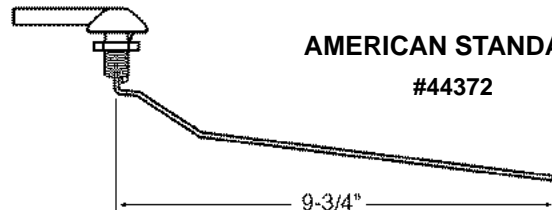


AMERICAN STANDARD
#44369

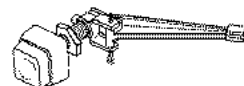


LH SHOWN

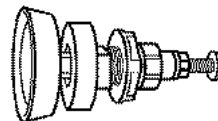
AMERICAN STANDARD
#52945 - LH
#52933 - RH
#52944 - LH Lever Only



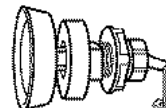
AMERICAN STANDARD
#44372



AMERICAN STANDARD
#44475



AMERICAN STANDARD
#44373

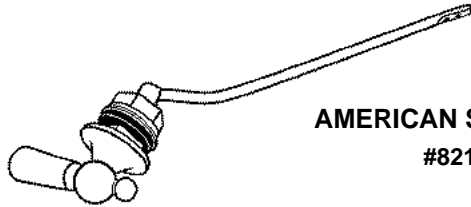


AMERICAN STANDARD
#44374

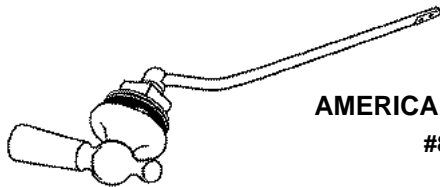


TANK LEVERS

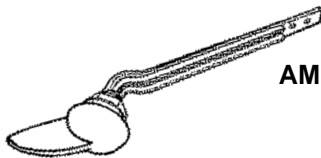
CHROME PLATED



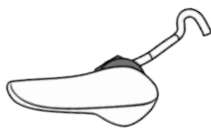
AMERICAN STANDARD
#82195



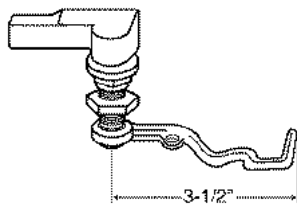
AMERICAN STANDARD
#82196



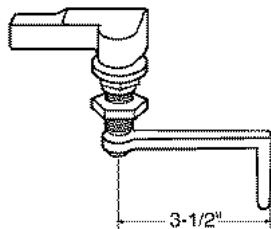
AMERICAN STANDARD
#82197



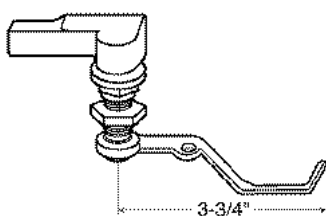
AMERICAN STANDARD
#SP6482



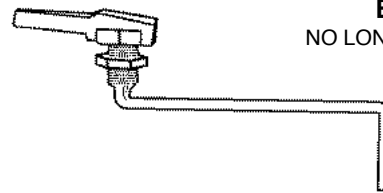
BRIGGS
#56202



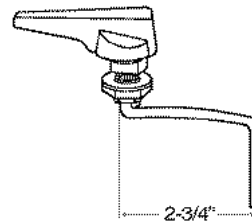
BRIGGS
#56203



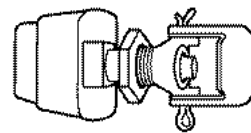
BRIGGS
#56204
Includes lift wire



BRIGGS
NO LONGER AVAILABLE



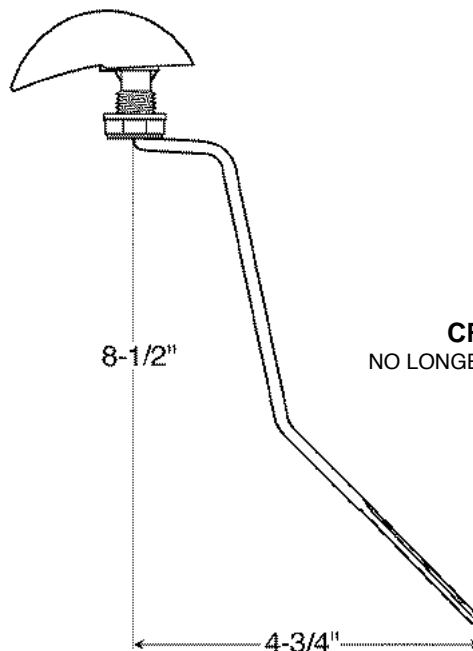
BRIGGS
#56206



BRIGGS
#56205



CRANE
#SP5080

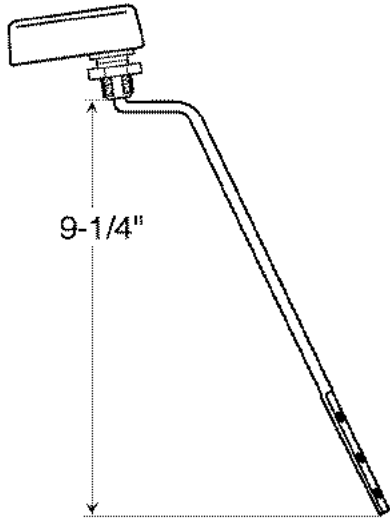


CRANE
NO LONGER AVAILABLE

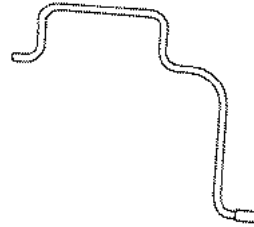


CHROME PLATED

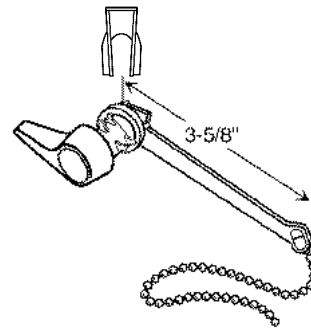
TANK LEVERS



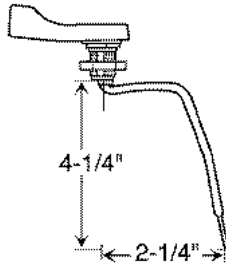
CRANE
#44396



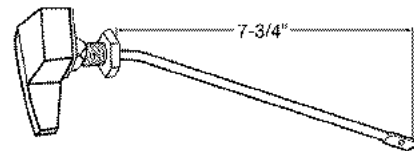
ELJER
#56178
USED WITH LEVER # 56177



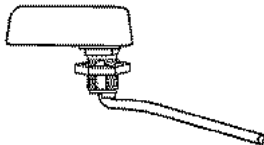
ELJER
#44375



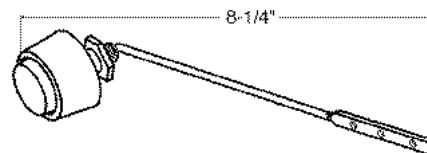
CRANE
#44304



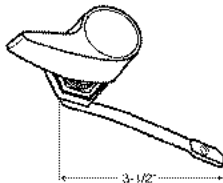
ELJER
#44376



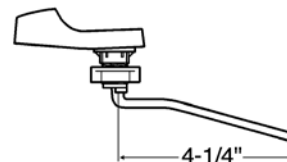
ELJER
#56177
USED WITH ROD # 56178



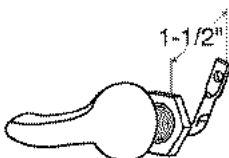
ELJER
#44127



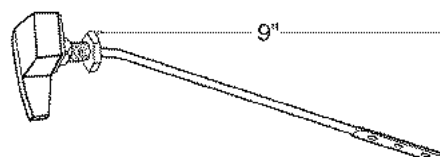
ELJER
#55360



GERBER
#56201



ELJER
#56329

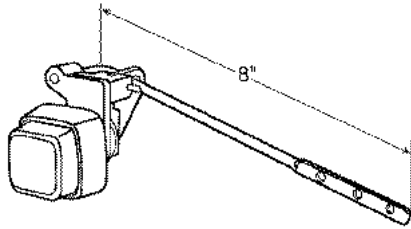


ELJER
#44388

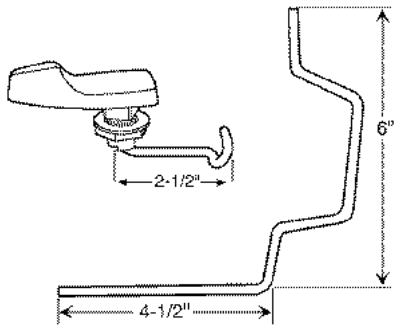


TANK LEVERS

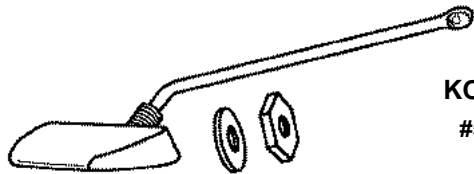
CHROME PLATED



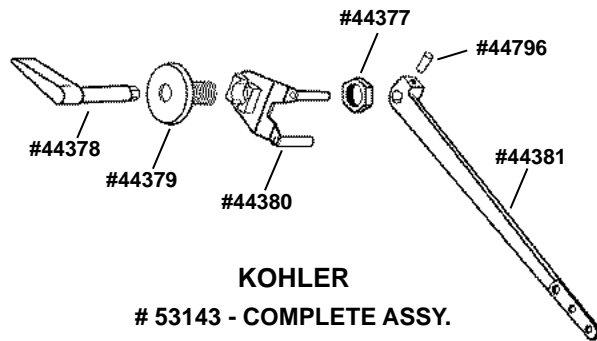
ELKA
#56361



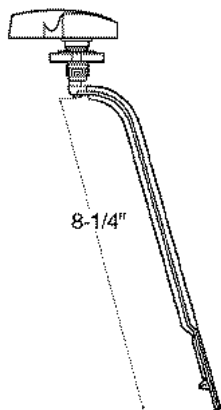
GERBER
#56404 LH
#56404 RH



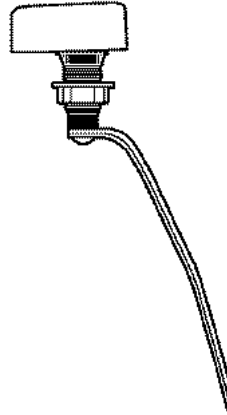
KOHLER
#56342



KOHLER
53143 - COMPLETE ASSY.



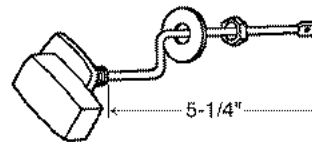
KOHLER
#52520 - LH



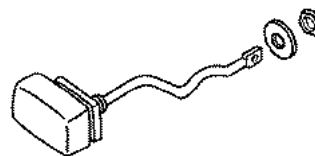
KOHLER
#59616



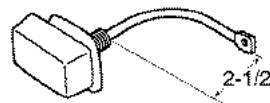
KOHLER
#52049



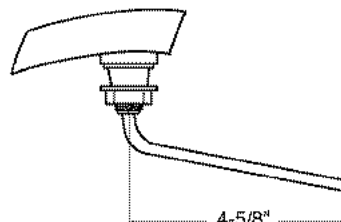
KOHLER
#56332



KOHLER
#53128



KOHLER
DISCONTINUED
NO SUBSTITUTE

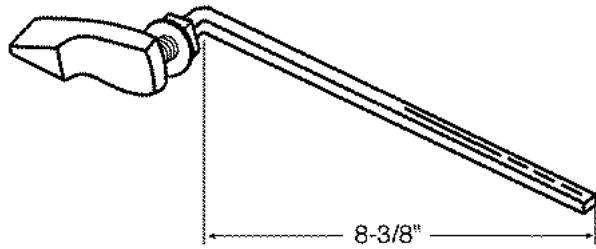


KOHLER
#54410



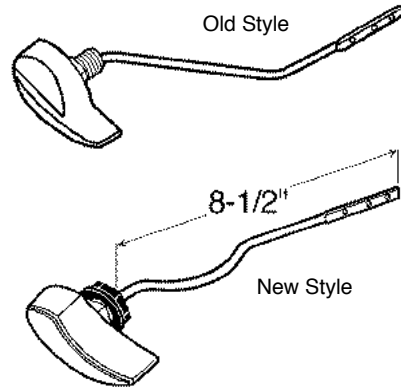
CHROME PLATED

TANK LEVERS

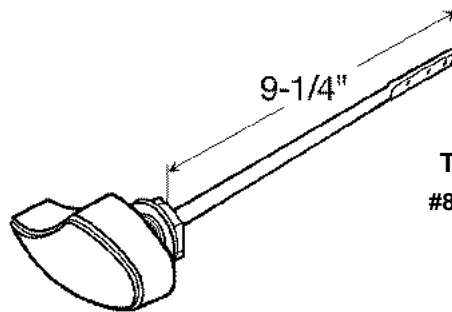


MANSFIELD
Blue hard plastic
#44382

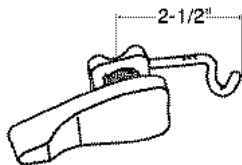
MANSFIELD
White flexible plastic
#44383



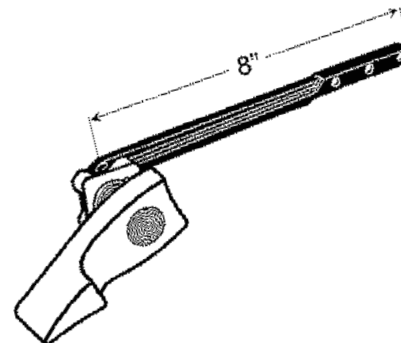
TOTO
#05322



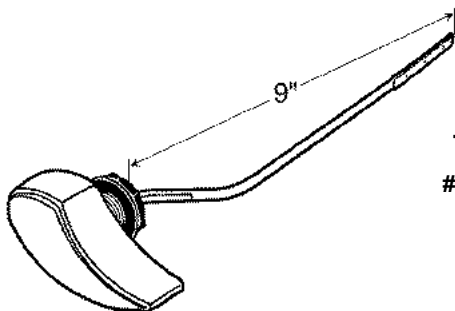
TOTO
#82839



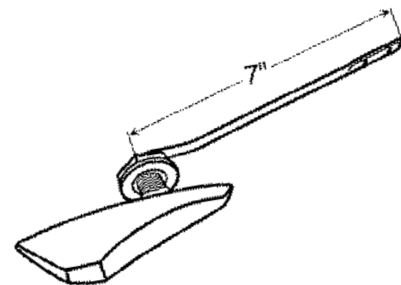
MANSFIELD
#56164 - LH
#56165 - RH



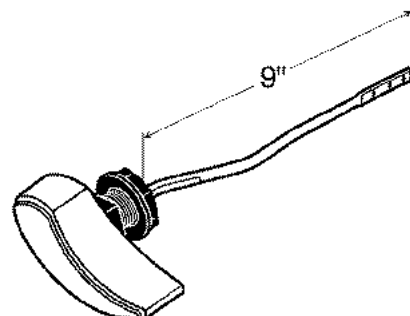
TOTO
#05327



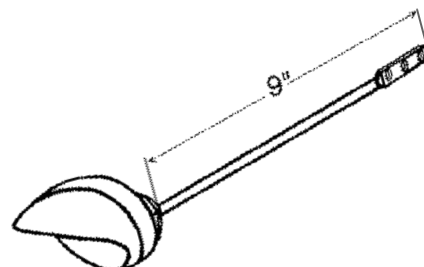
TOTO
#05333



TOTO
#05329



TOTO
#57565



TOTO
#58083

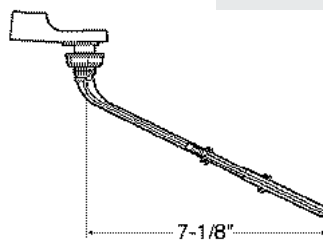


TANK LEVERS

CHROME PLATED



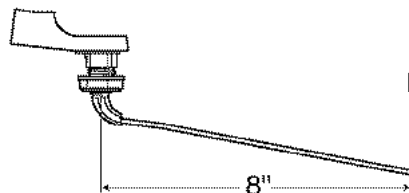
UNIVERSAL RUNDLE
#44386



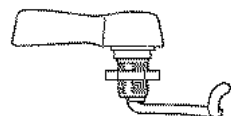
FITS MOST
#53110



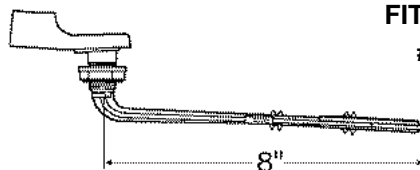
UNIVERSAL RUNDLE
Old Style - use #44386



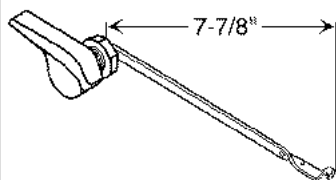
FITS MOST
#55166



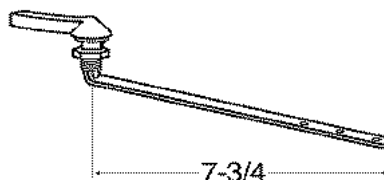
UNIVERSAL RUNDLE
#54546



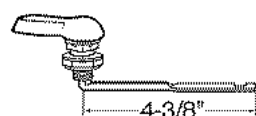
FITS MOST
#53111



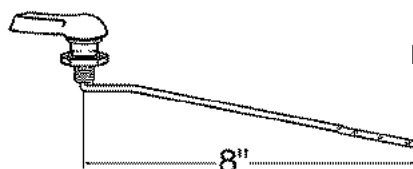
UNIVERSAL RUNDLE
#44390



FITS MOST
#44393



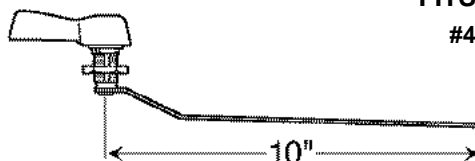
UNIVERSAL RUNDLE
#44387



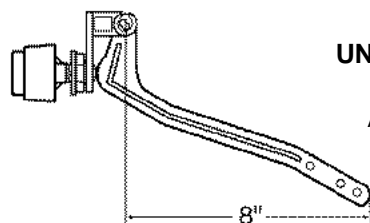
FITS MOST
#44384



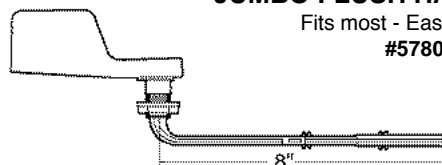
UNIVERSAL RUNDLE
NO LONGER AVAILABLE



FITS MOST
#44385



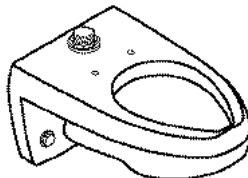
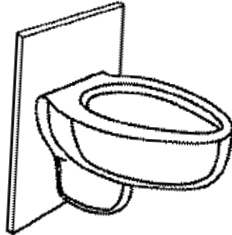
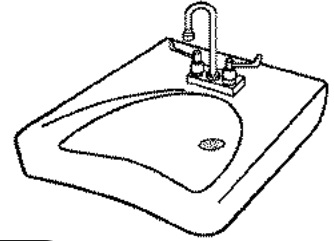
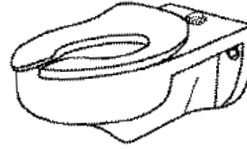
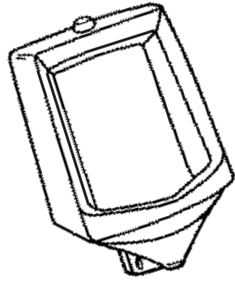
UNIVERSAL RUNDLE
#44391
Arm is offset by 1-3/4"



JUMBO FLUSH HANDLE - A.D.A.
Fits most - Easier to flush
#57805



CLOSETS, URINALS, & SINKS



I.P.S. SUPPLIES TOILETS, URINALS, AND SINKS!

Call us with your specifications:

- Dimensions
- How Mounted
- Material: China, Stainless, etc.
- Name of Manufacturer

- Acorn
- American Standard
- Bradley
- Briggs

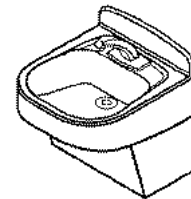
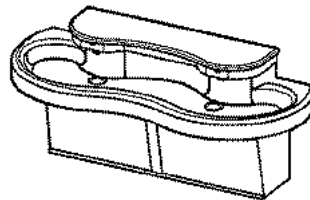
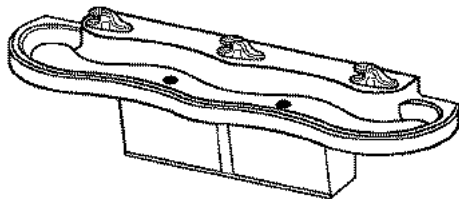
- Crane
- Eljer
- Gerber
- Kohler
- Metcraft

- Mansfield
- Sloan
- Toto
- Willoughby
- Zurn

SLOAN

SOLID SURFACE COMMERCIAL SINKS

Bradley



GREAT FOR:

- Schools
- Office Buildings
- Public Restrooms
- Hospitals

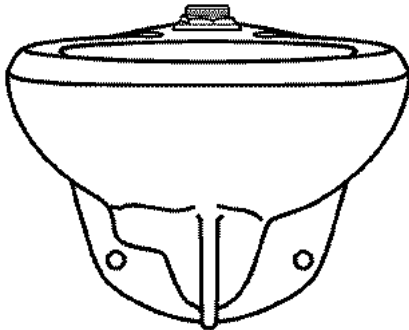
FEATURES:

- Aesthetically pleasing look
- Non-porous material
- Impact resistant
- Chemical and stain resistant
- Durable
- ADA accessible
- Use manual or electronic faucets
- Many models to choose from

**YOU WILL NEVER REPLACE ANOTHER BROKEN SINK!
CALL IPS WITH YOUR REQUIREMENTS.**



#83337 (ST-2050-A-1.28) VITREOUS CHINA ELONGATED WATER CLOSET



Flush Cycle
1.28 gpf/4.8 Lpf

*Directly Replaces American
Standard AFWall*

Fixture

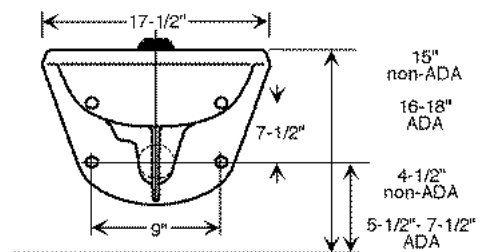
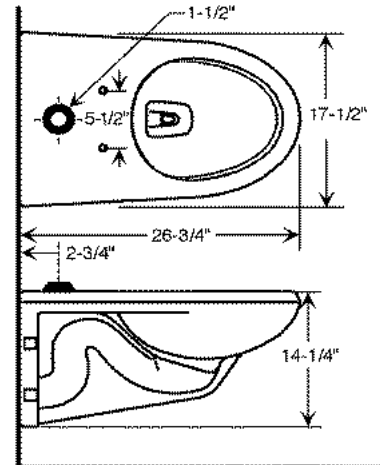
- Wall hung vitreous china elongated bowl
- Siphon jet flushing action
- 1-1/2" I.P.S. top spud inlet
- 2-1/8" fully glazed trapway diameter
- Mounting hardware, carrier and toilet seat not included
- Integral flushing rim
- Water spot area 9-1/2" x 8-1/4"
- ASME A112.19.2/CSA B45.1

Colors/Finishes

- White

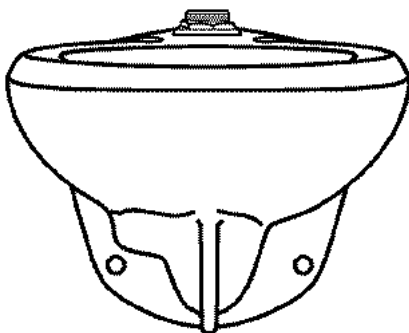
Recommended accessories

- Toilet seat
- Compatible with Toilet Seat models # 05480 and # 05490
- See pages 158-163 for additional closet seats



Designed to meet ADA standards
when bowl is 17" - 19" high including seat

#83338 (ST-2053-1.6) VITREOUS CHINA ELONGATED WATER CLOSET



Flush Cycle
1.6 gpf/6.0 Lpf

*Directly Replaces American
Standard AFWall*

Fixture

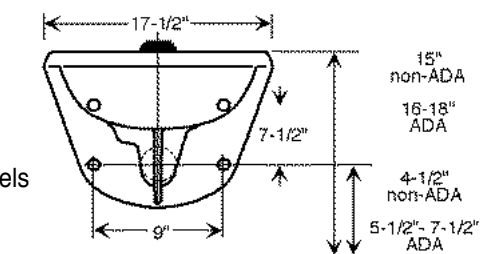
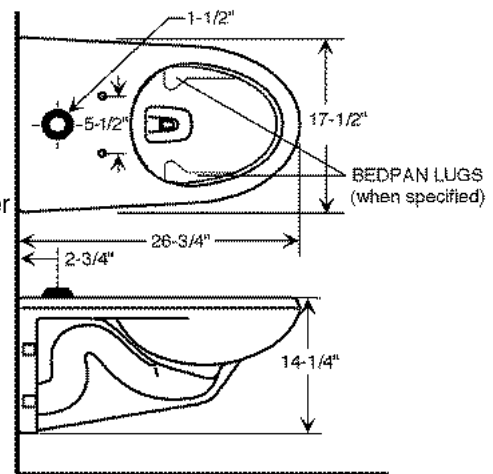
- Wall hung vitreous china
- Siphon jet flushing action
- Elongated bowl
- 1-1/2" I.P.S. top spud inlet
- 2-1/8" fully glazed trapway diameter
- Bedpan lugs (with specified model)
- Mounting hardware, carrier and toilet seat not included
- Integral flushing rim
- Water spot area 9-1/2" x 8-1/4"
- ASME A112.19.2/CSA B45.1

Colors/Finishes

- White

Recommended accessories

- Toilet seat
- Compatible with Toilet Seat models # 05480 and # 05490
- See pages 158-163 for additional closet seats



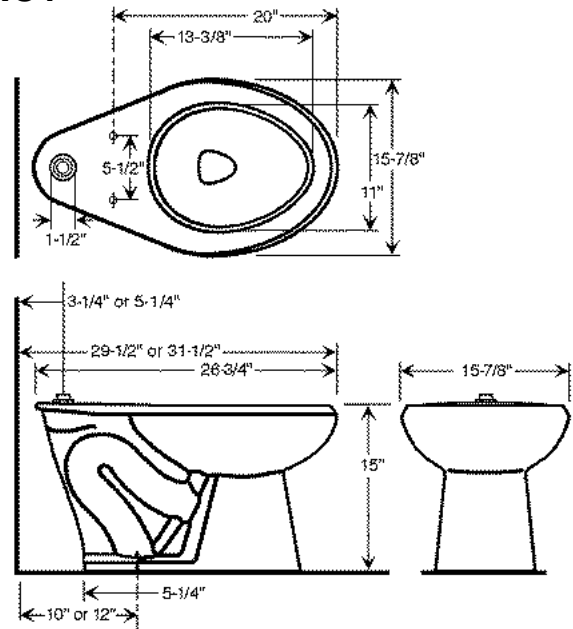
Designed to meet ADA standards
when bowl is 17" - 19" high including seat



SLOAN VITREOUS CHINA HIGH EFFICIENCY WATER CLOSETS



*Directly Replaces
American Standard
Madera Series*



#83331 (ST-2000-1.28)

HET VITREOUS CHINA WATER CLOSET

Flush Cycle

1.28 GPF/4.8 LPF

Fixture

- Elongated bowl
- Vitreous china
- Floor mounted
- Siphon jet flushing action
- 1-1/2" I.P.S. Top spud inlet
- 2-1/8" Trapway diameter
- Fully glazed trapway
- Toilet seat not included
- Water spot area 10" x 7-1/2"
- Closet bolts and caps included

Colors/finishes

- White

Recommended accessories

- Toilet seat
- Compatible with toilet seat models # 05480 And # 05490
- See pages 158-163 for additional closet seats

#83332 (ST-2002-1.6/1.1)

DUAL FLUSH HET VITREOUS CHINA WATER CLOSET

Flush Cycle

Full Flush 1.6 gpf/6.0 Lpf

Reduced Flush 1.1 gpf/4.2 Lpf

Fixture

- Elongated Bowl
- Vitreous China
- Floor Mounted
- Siphon Jet Flushing action
- 1-1/2" I.P.S. top spud inlet
- 2-1/8" trapway diameter
- Fully Glazed Trapway
- Toilet Seat Not Included
- Water Spot area 10" x 7-1/2"
- Closet Bolts and Caps Included

Colors/Finishes

- White

Recommended accessories

- Toilet seat
- Compatible with Toilet Seat models # 05480 and # 05490
- See pages 158-163 for additional closet seats

#83333 (ST-2003-1.6)

VITREOUS CHINA WATER CLOSET

Flush Cycle

Model ST-2003-1.6 (1.6 gpf/6.0 Lpf)

Fixture

- Elongated bowl
- Vitreous china
- Floor mounted
- Siphon jet flushing action
- 1-1/2" I.P.S. top spud inlet
- 2" trapway diameter
- Fully glazed trapway
- Toilet seat not included
- Water spot area 9-1/2" x 7-3/8"
- Closet bolts and caps included

Colors/Finishes

- White

Recommended accessories

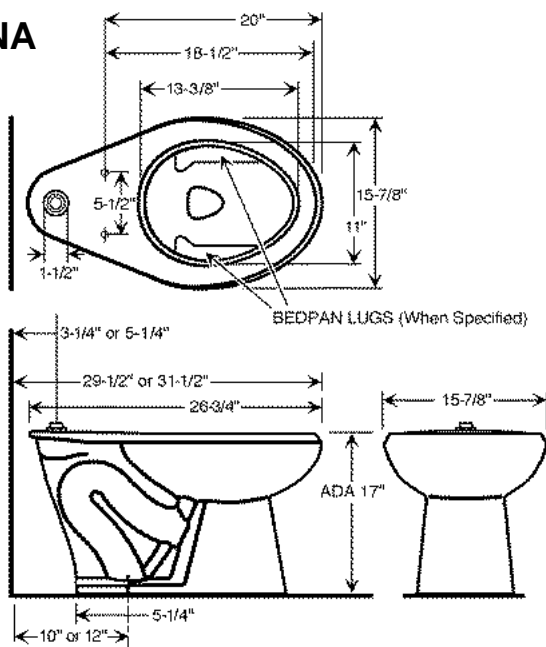
- Toilet seat
- Compatible with Toilet Seat models # 05480 and # 05490
- See pages 158-163 for additional closet seats



SLOAN ADA COMPLIANT VITREOUS CHINA HIGH EFFICIENCY WATER CLOSETS



Directly Replaces
American Standard



#83334 (ST-2020-1.28)

ADA COMPLIANT HET VITREOUS CHINA WATER CLOSET

Flush Cycle

(1.28 GPF/4.8 LPF)

Fixture

- Elongated Bowl
- ADA Compliant
- Vitreous China
- Floor Mounted
- Siphon Jet Flushing Action
- 1 1/2" I.P.S. top spud inlet
- 2 1/8" trapway diameter
- Fully Glazed Trapway
- Toilet Seat Not Included
- Water Spot Area 10" x 7 1/2"
- Closet Bolts and Caps Included

Colors/Finishes

- White

Recommended accessories

- Toilet seat, wax ring
- Compatible with Toilet Seat models # 05480 and # 05490
- See pages 158-163 for additional closet seats

#83335 (ST-2022-1.6/1.1)

ADA COMPLIANT DUAL FLUSH HET VITREOUS CHINA WATER CLOSET

Flush Cycle

Full Flush 1.6 gpf/6.0 Lpf
Reduced Flush 1.1 gpf/4.2 Lpf

Fixture

- Elongated Bowl
- ADA Compliant
- Vitreous China
- Dual Flush
- Floor Mounted
- Siphon Jet Flushing Action
- 1 1/2" I.P.S. top spud inlet
- 2 1/8" Trapway Diameter
- Fully Glazed Trapway
- Toilet Seat Not Included
- Water Spot Area 10" x 7 1/2"
- Closet Bolts and Caps Included

Colors/Finishes

- White

Recommended accessories

- Toilet seat, wax ring
- Compatible with Toilet Seat models # 05480 and # 05490
- See pages 158-163 for additional closet seats

#83336 (ST-2023-1.6)

Flush Cycle

Model ST-2023-1.6 (1.6 gpf/6.0 Lpf)

Fixture

- Elongated bowl
- Vitreous china
- Floor mounted
- Siphon jet flushing action
- 1-1/2" I.P.S. top spud inlet
- 2-1/8" trapway diameter
- Fully glazed trapway
- Toilet seat not included
- Bedpan lugs (with specified model)
- Water spot area 9-1/2" x 7-3/8"
- Closet bolts and caps included

Colors/Finishes

- White

Recommended accessories

- Toilet seat, wax ring
- Compatible with Toilet Seat models # 05480 and # 05490
- See pages 158-163 for additional closet seats

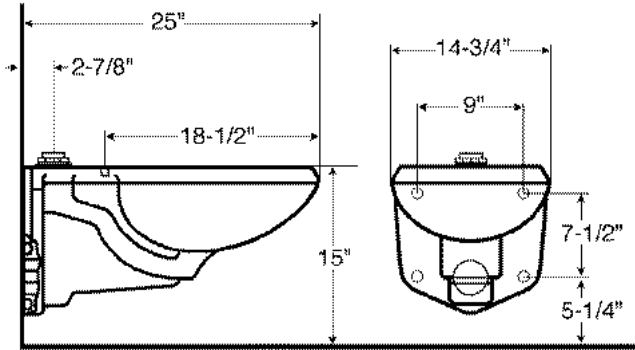


CLOSETS

American Standard

#55030

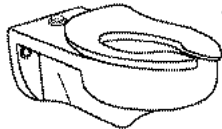
- Wall mounted elongated bowl
- Low consumption - 1.6 GPF
- Direct-fed siphon jet action
- 1-1/2" inlet spud
- Toilet Seat not included
See pages 158-163 for seats



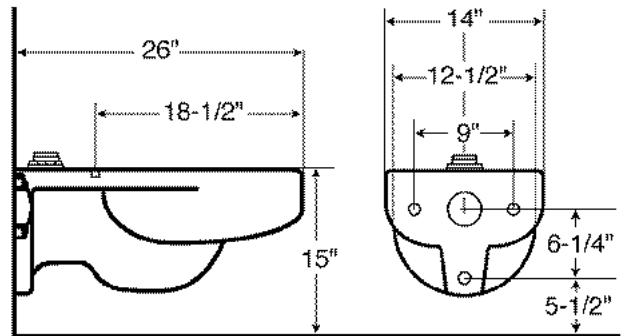
American Standard

#52860

- Wall mounted elongated bowl
- Water saving - 3.5 GPF
- Blowout flush action
- 1-1/2" inlet spud
- Toilet Seat not included
See pages 158-163 for seats



**NO LONGER AVAILABLE.
USE KIT #82398
TO REPLACE**

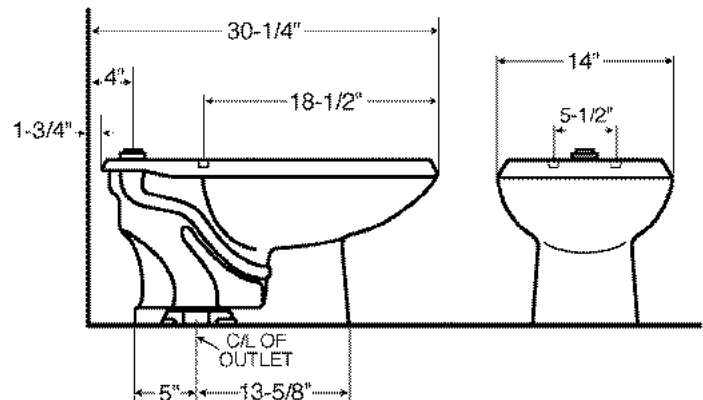


American Standard

#55905

#55087 - ADA Height

- Floor mounted elongated bowl
- Low consumption - 1.6 GPF
- 10" rough in
- 1-1/2" inlet spud
- Toilet Seat not included
See pages 158-163 for seats



American Standard

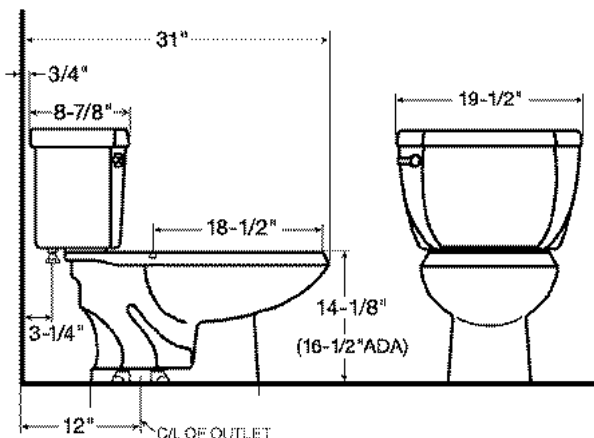
#55131 Pressure Assisted (shown)

#54754 Pressure Assisted - A.D.A.

#55894 Gravity Type

#55637 Gravity Type - A.D.A.

- 2 PC. floor mounted, elongated bowl
- Low consumption - 1.6 GPF
- 12" rough in
- Toilet Seat not included
See pages 158-163 for seats

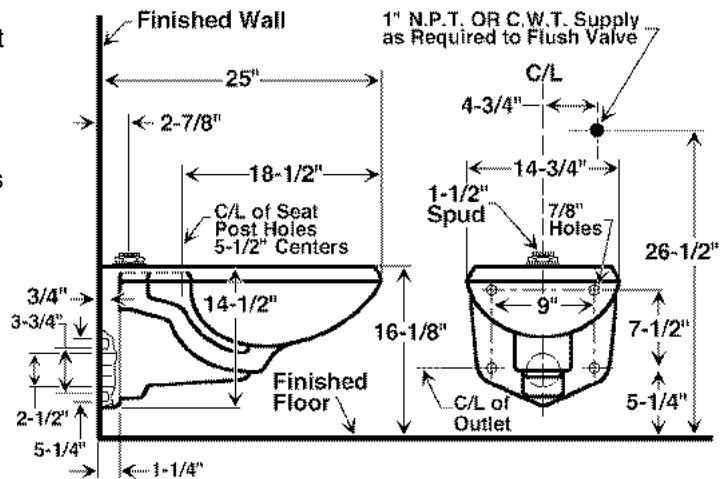


CLOSETS

American Standard

#50948 A.D.A. RETROFIT

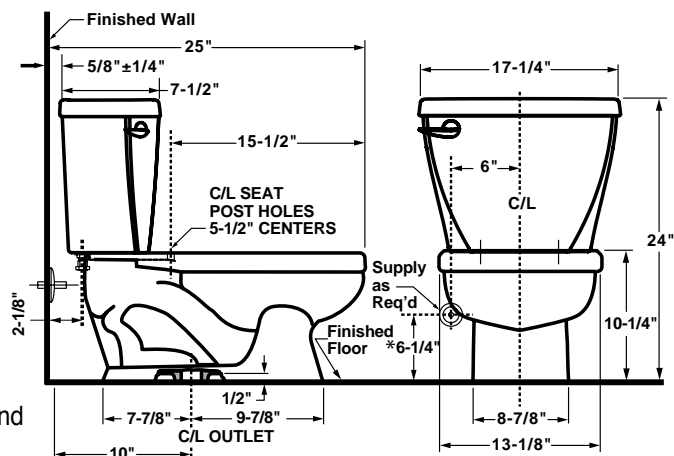
- Wall-mounted flushometer valve toilet
- Elongated bowl
- High Efficiency - Low Consumption
Range of 1.28-1.6 gpf
- EverClean® surface inhibits the growth of stain and odor-causing bacteria, mold, and mildew on the surface
- Powerful direct-fed siphon jet action
- 1-1/2" inlet spud
- Converts **#55030** to A.D.A.



American Standard

**#53804 BABY DEVORO™ FLOWWISE® 10" HIGH
ROUND FRONT TOILET**

- High Efficiency, Low Consumption
- Meets definition of HET (High Efficiency Toilet)
- 10-1/4" rim height
- 10" roughing-in
- Round front siphon action bowl
- Speed Connect® tank / bowl coupling system
 - Chrome trip lever
 - Sanitary dam on bowl
 - Fully glazed 2" trapway
- Used with toilet seat #53297, round open front less lid.



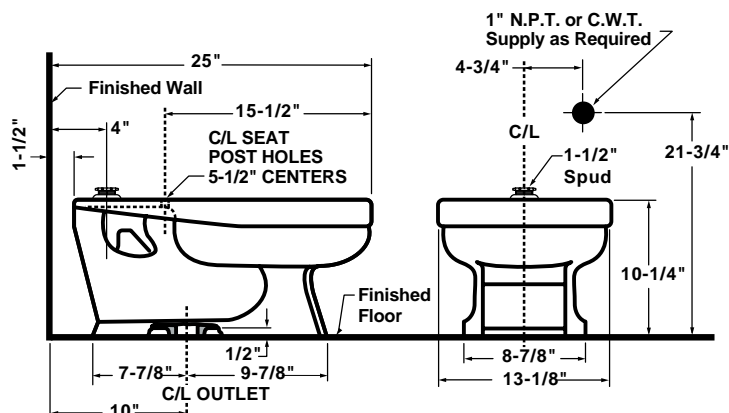
American Standard

**#52199 BABY DEVORO™ FLOWWISE®
ROUND FRONT FLUSHOMETER TOILET**

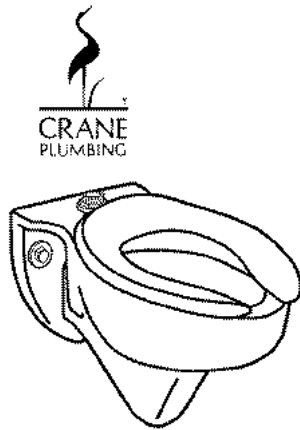
- High Efficiency, Low Consumption. Operates in the range of 1.28 gpf to 1.6 gpf
- Meets definition of HET (High Efficiency Toilet) when used with a 1.28 gpf high efficiency flush valve
- 10-1/4" rim height



- 10" roughing-in
 - Round front bowl
 - Siphon jet action
 - Fully glazed trapway
 - 1-1/2" inlet spud
 - Used with toilet seat
- #53297, round open front
less lid.

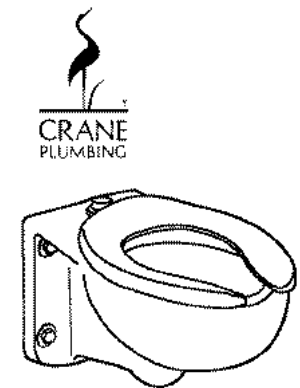
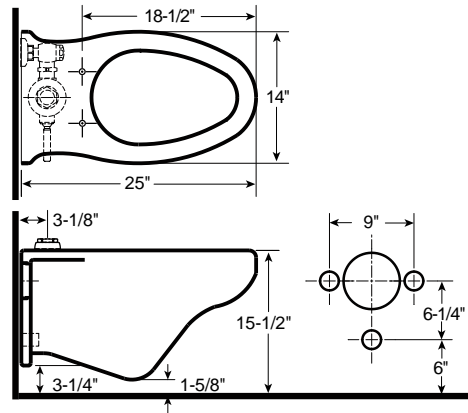


CLOSETS



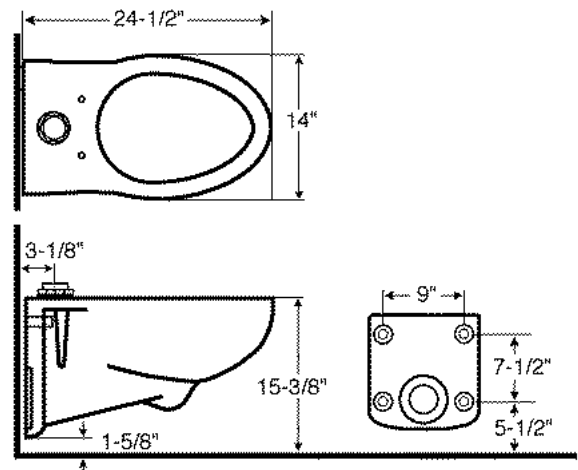
#82396

- Wall mounted elongated bowl
- Low consumption - 3.5 GPF
- 1-1/2" inlet spud
- Toilet Seat not included
See pages 158-163 for seats



#52864

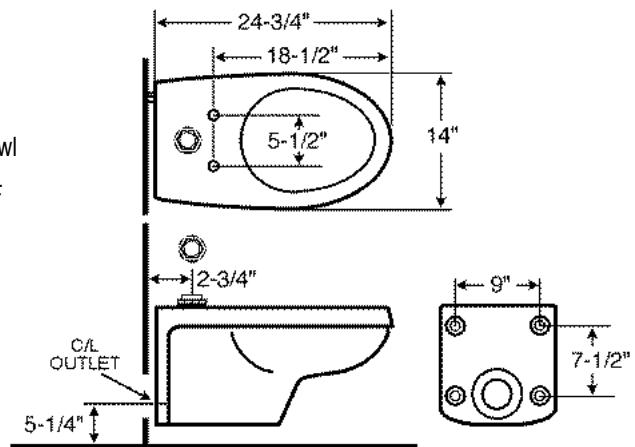
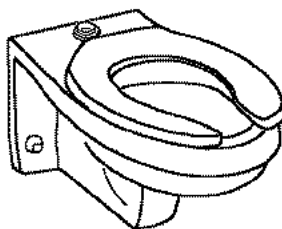
- Wall mounted elongated bowl
- Low consumption - 1.5 GPF
- Whirlpool flush, siphon action
- 1-1/2" inlet spud
- Toilet Seat not included
See pages 158-163 for seats



Eljer

#52867

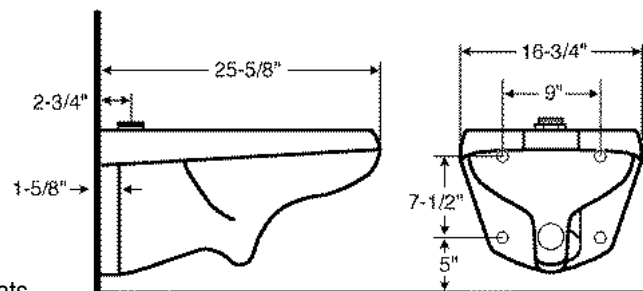
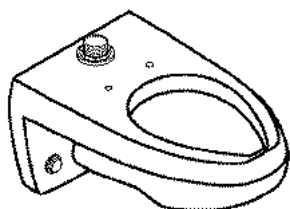
- Wall mounted elongated bowl
- Low consumption - 1.6 GPF
- Siphon jet flush action
- 1-1/2" inlet spud
- Toilet Seat not included
See pages 158-163 for seats



KOHLER

#53151

- Wall mounted elongated bowl
- Low consumption - 1.6 GPF
- Siphon jet flush action
- 1-1/2" inlet spud
- Toilet Seat not included
See pages 158-163 for seats

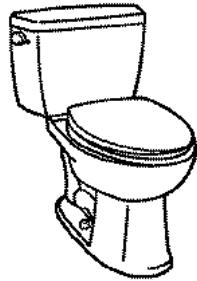


CLOSETS

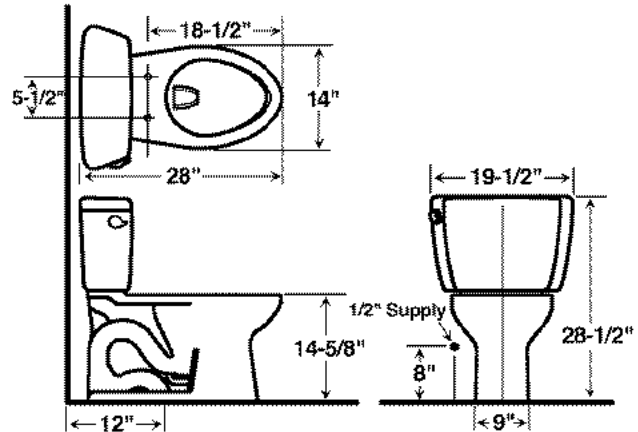
TOTO®
(Drake)

#59127 1.6 GPF Low-Consumption
G-Max Technology

#81723 1.28 GPF Low-Consumption
E-Max Technology
SanaGloss technology




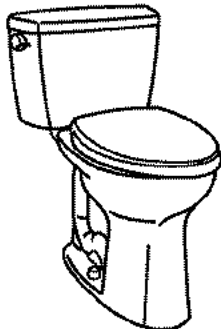
- Elongated Close-Coupled Toilet
- Siphon Jet Flushing Action
- Contemporary High-Profile Design
- Powerful, quiet flush every time
- Wide, 2-1/8" Computer Designed Trapway
- Large Water Surface
- Toilet Seat not included-
See pages 158-163 for seats



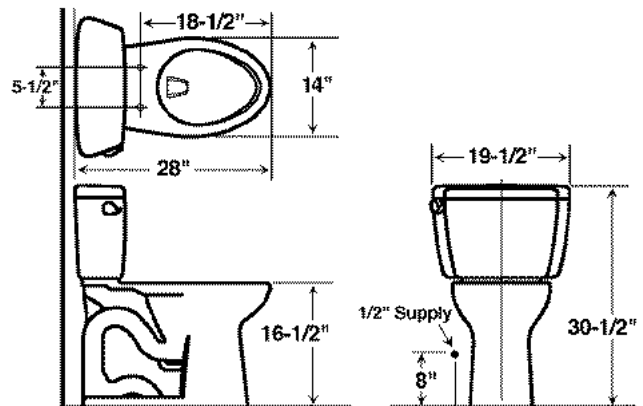
TOTO®
(Drake)

 **#59906**
1.6 GPF Low-Consumption
G-Max Technology

 **#81722**
1.28 GPF Low-Consumption
E-Max Technology



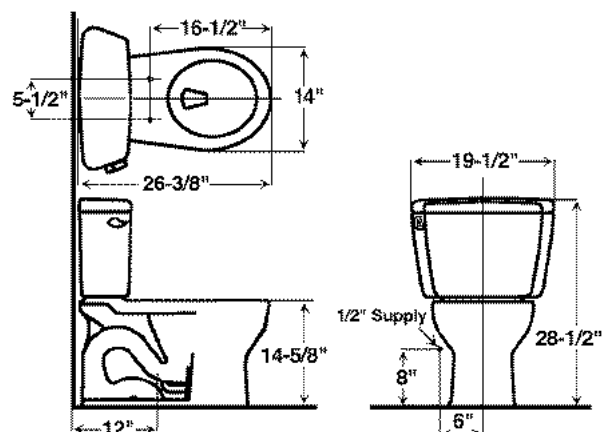
- Elongated Close-Coupled Toilet
- ADA Compliant
- Siphon Jet Flushing Action
- Contemporary High-Profile Design
- Powerful, quiet flush every time
- Wide, 2-1/8" Computer Designed Trapway
- Large Water Surface
- Toilet Seat not included-
See pages 158-163 for seats



TOTO®
(Drake)

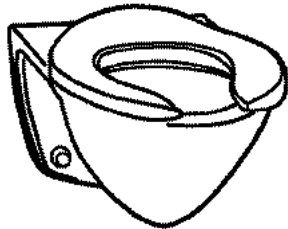
#56514
1.28 GPF Low-Consumption

- Round Close-Coupled Toilet
- Siphon Jet Flushing Action
- Contemporary High-Profile Design
- E-Max Technology
- Powerful, quiet flush every time
- Wide, 2-1/8" Computer Designed Trapway
- Large Water Surface
- Toilet Seat not included-
See pages 158-163 for seats



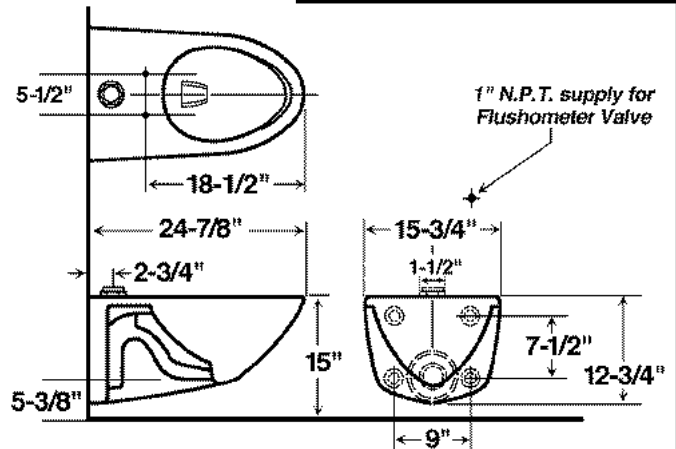
CLOSETS

TOTO®
(Commercial)

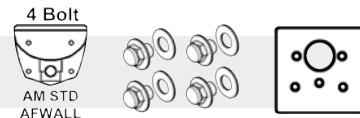


#80769

- Wall Hung Vitreous China
- Powerful Siphon Jet Flush
- Elongated Rim
- 1.6 or 1.28 GPF Low Consumption
- Toilet Seat not included- See pages 158-163 for seats



If you are replacing an American Standard Afwall, order package # 80873. Package contains # 80769 toilet, extended wall closet bolt pack, and stabilizer seal gasket.



TOTO®
(Commercial)

#85888

Regular Height (15")

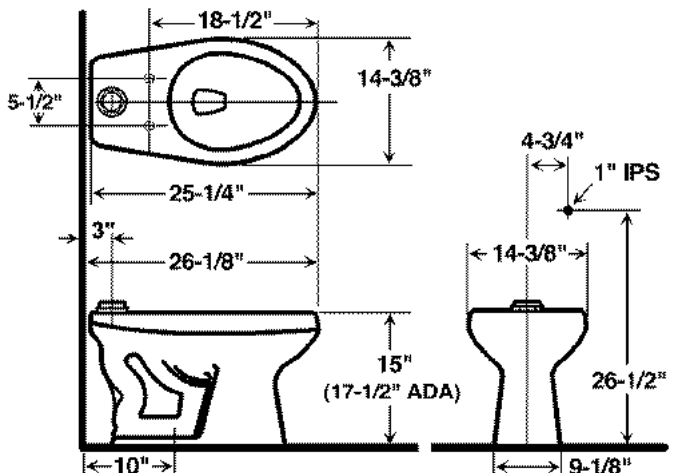


#58741

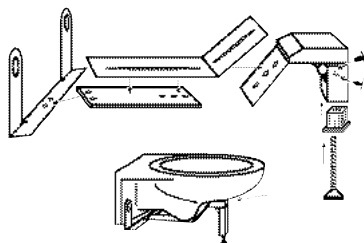
Same as above, but with A.D.A. Height (17-1/2")



- Floor Mounted Vitreous China
- Siphon Jet Flush Action
- Elongated Front Rim
- 1.28 GPF Low Consumption
- Powerful and Quiet Flush
- Toilet Seat not included- See pages 158-163 for seats



#56477 FITS-MOST WALL MOUNTED TOILET SUPPORT



- Supports users up to 1000 lbs.
- Compatible with most wall mounted toilet models
- Installs in less than 15 minutes
- Allows sanitation of floor underneath for infection control

#81550 "BIG JOHN" TOILET SUPPORT



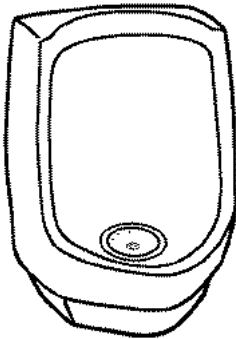
- Increases the weight capacity from 350 lbs. to over 1000 lbs.
- Simple to install on existing toilets.
- Specially engineered leg base can be raised up to 4" for cleaning access
- Leg made of high impact ABS.
- Perfect for hospitals, nursing homes, government facilities, stadiums, airports, theatres, office buildings, and virtually every wall mounted toilet.

HEIGHT ADJUSTMENT FROM 7-1/2" TO 14"



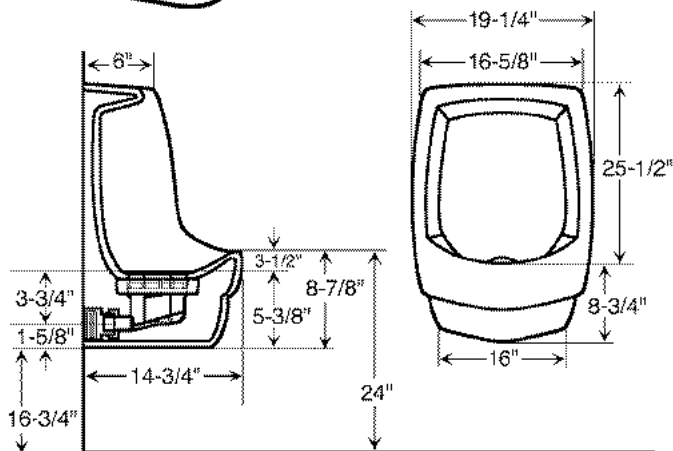
WATERFREE URINALS

SLOAN WATERFREE URINAL



#05450

Waterfree Urinals reduce water and sewer costs, maintenance and repair bills, and create more hygienic, odor-free restrooms. A patented sealed cartridge eliminates the need for water, typically conserving 40,000 gallons per unit per year.



#05317 CARTRIDGE FILTER



The cartridge is engineered to last for at least 7000 uses and to receive waste through drain holes. Waste passes through an emissible layer of Sealant, continues through a Siphon Trap System, and flows out through a Patented Baffle to prevent the loss of Sealant. A discharge tube in the housing directs the flow of waste into the building drain system. The Cartridge is designed as a replaceable component when its function has been exhausted.

DESCRIPTION

- Wall hung, wall outlet, Waterfree Vitreous China Urinal.

FEATURES

- Touch-free operation
- Uses no water
- Mechanical-free design
- Patented, Sealed Locking Cartridge
- Smooth, non-porous surfaces

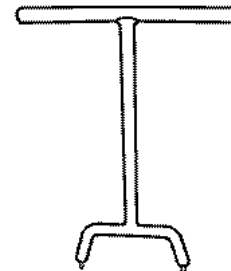
SPECIFICATIONS

- Wall hung, wall outlet, Waterfree Vitreous China Fixture
- Housing (H-1-1.5-M3)
- Cartridge Kit - Engineered to last for at least 7000 uses
- Two Wall Hanger Brackets Included
- Uni-coupler (for new and retrofit installations)
- Tube of Adhesive Caulking

COLORS

- Standard White
- Consult I.P.S. for optional colors & sizes

56706 HEAVY DUTY CARTRIDGE REMOVING TOOL



OUT OF SERVICE BONNET

#81951



- Quick and sanitary method to designate out of service urinals, commodes, drinking fountains, kitchen equipment, etc.
- Inexpensive and disposable, the Out of Service Bonnet improves restroom hygiene.
- Fits a variety of sizes and shapes of fixtures.
- More attractive and effective than makeshift signs.

WATERFREE URINAL CLEANER

#60300112



- Developed especially for use in waterfree urinals.
- Approved for use with Sloan and Falcon waterfree urinals.
- Will not harm the sealant, so no unpleasant odors!
- Quick and easy-to-use – just spray and wipe.
- Maximizes urinal efficiency.
- Biodegradable and phosphate free – safe for the environment.



RETROFIT VITREOUS CHINA TOP SPUD URINAL

Try This!

*Replaces most urinals,
and covers old footprints*



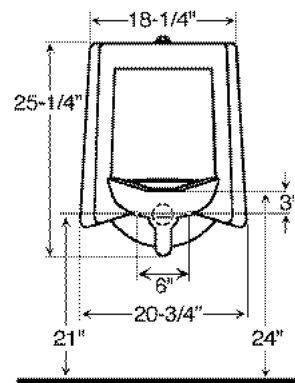
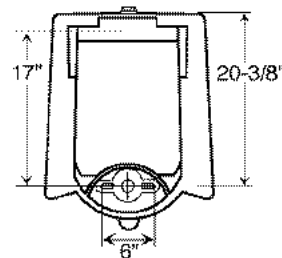
*Go Sloan!
Save \$\$\$
& Water*

#83323 0.13 GPF (SU-1200)

#83324 0.25 GPF (SU-1202)

#83325 0.50 GPF (SU-1205)

- Vitreous china retrofit top spud urinal
- Large footprint to cover old caulk lines
- Washdown flushing action
- 3/4" I.P.S. Top spud
- 2" NPT outlet flange
- All mounting hardware included
- Carrier not included



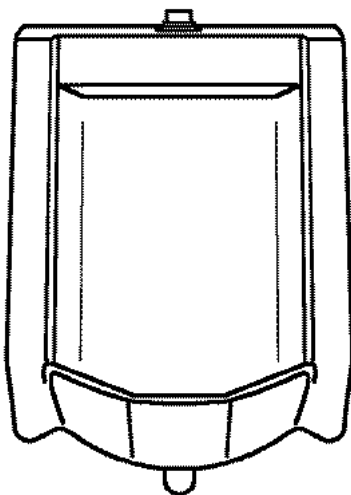
COMPLETE VITREOUS CHINA TOP SPUD URINAL

#83326 0.13 GPF (SU-1000)

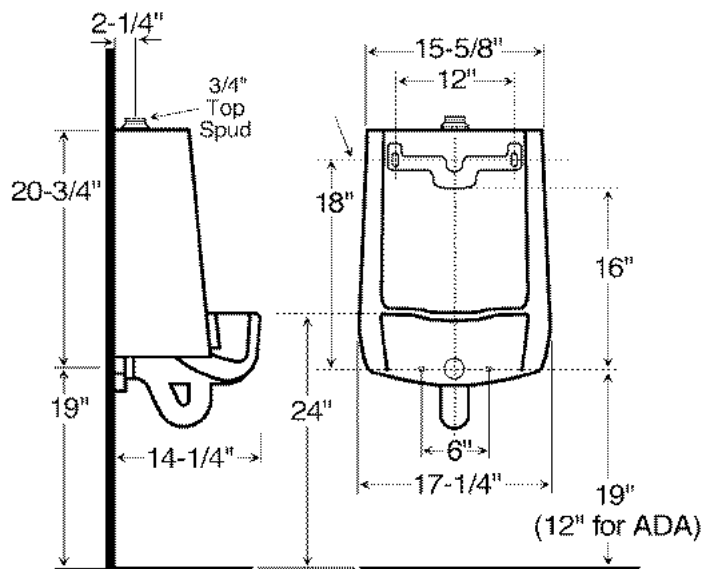
#83327 0.25 GPF (SU-1002)

#83328 0.50 GPF (SU-1005)

#83329 1.0 GPF (SU-1006)



- Wall hung top spud vitreous china
- Washdown flushing action
- 3/4" I.P.S. Top spud
- 2" NPT outlet flange



- All mounting hardware included
- Carrier not included
- Compatible With: Jay R. Smith Carrier 0636 or 0637



High Performance, Low Maintenance Sloan HEU Systems

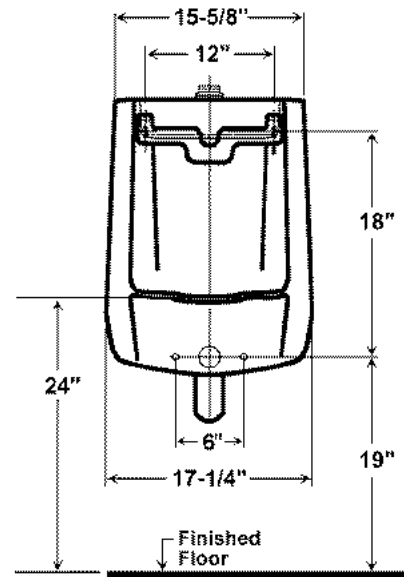
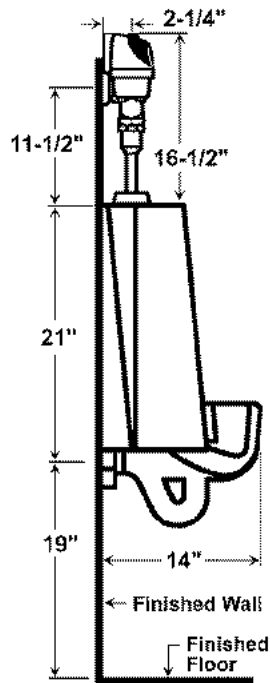
Sloan introduces the next generation of water-efficient products designed for reducing water usage even further. Sloan HEU Systems combine the performance of both fixture and flush valve to ensure a true water-efficient system.

**Reduces
Water Usage
88% !**

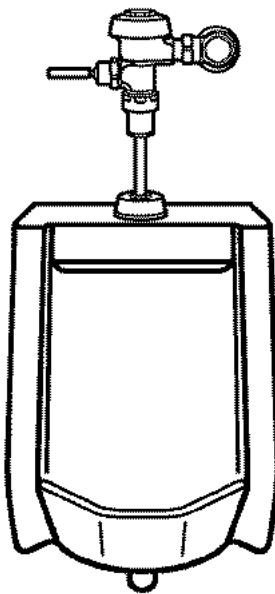
Sloan 0.125 GPF HEU Urinal System Performance (utilizing only 1 pint of water)

	Sloan 0.125 GPF HEU System	Typical EPA Urinal
If daily uses on a fixture are:	100	100
Then total uses in a year will be:	36,500	36,500
The gallons of water used will be:	4,563	36,500
The resulting savings will be:	88%	0%

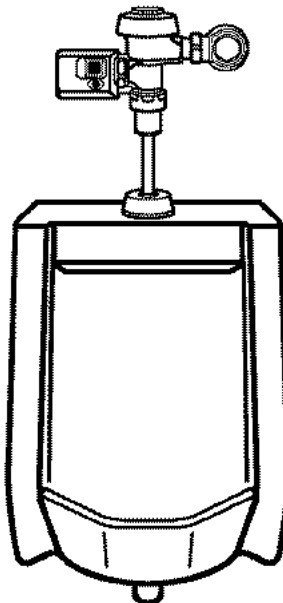
Annual Water Savings: 31,937 gallons



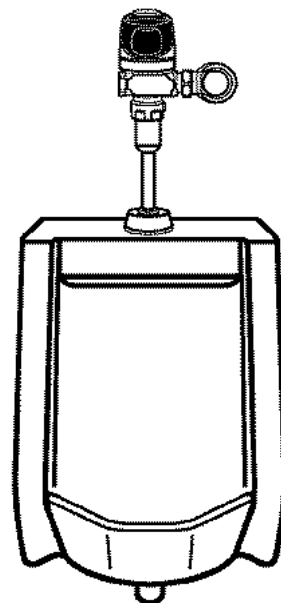
#08938 URINAL WITH .125 GPF MANUAL ROYAL FLUSHOMETER



#08078 URINAL WITH .25 GPF SIDE MOUNT OPERATOR



#08079 URINAL WITH .25 GPF G2 OPTIMA PLUS FLUSHOMETER

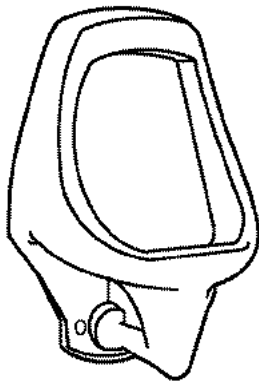


Other types available on request



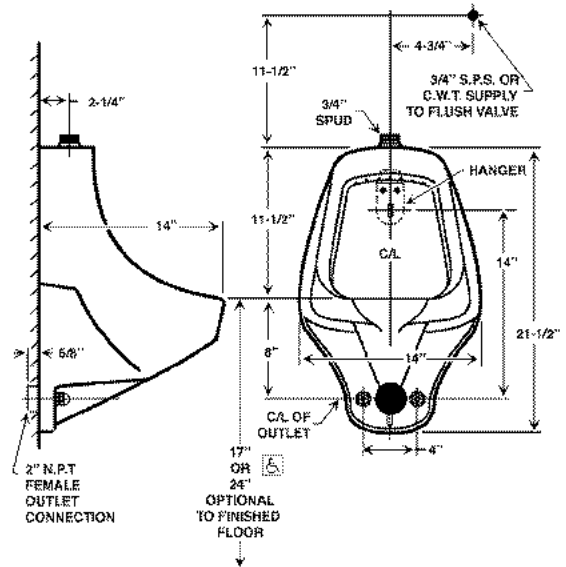
URINALS

American Standard

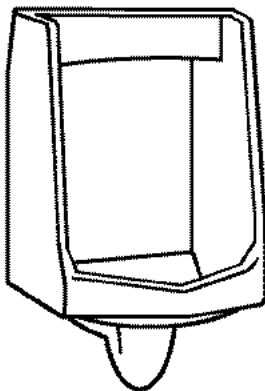


#50826 (ALLBROOK)

- Low-consumption 1.0 GPF
- Flushing rim
- Siphon jet flush action
- 3/4" inlet spud
- Wall hanger

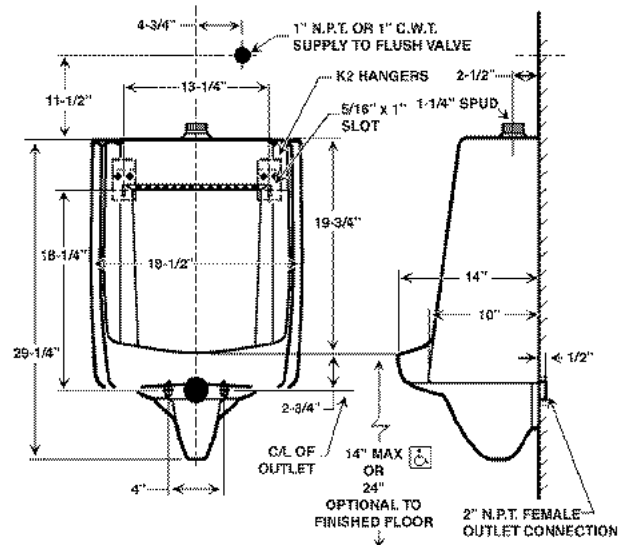


American Standard

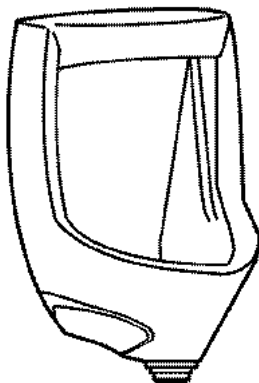


#55569 (LYNBROOK)

- Low consumption 1.0 GPF
- Flushing rim
- Blowout flush action
- 1-1/4" inlet spud
- 2 wall hangers

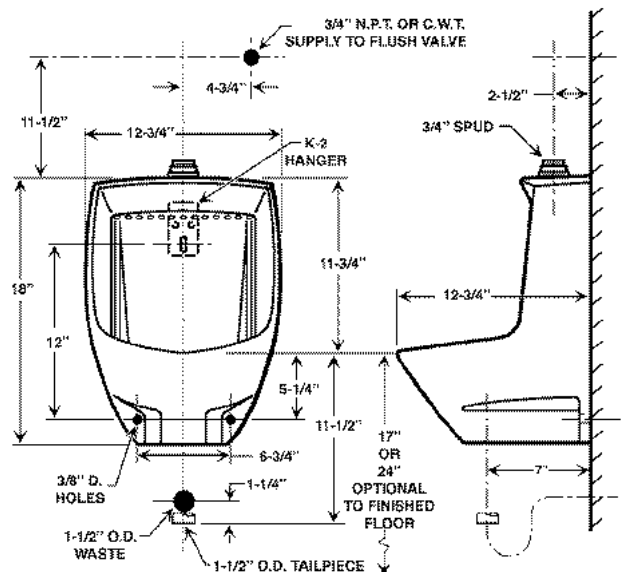


American Standard



#55054 (MAYBROOK)

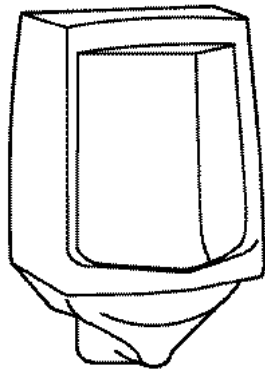
- Low-consumption 1.0 GPF
- Flushing rim
- Washout flush action
- Integral strainer
- 3/4" inlet spud
- Wall hanger



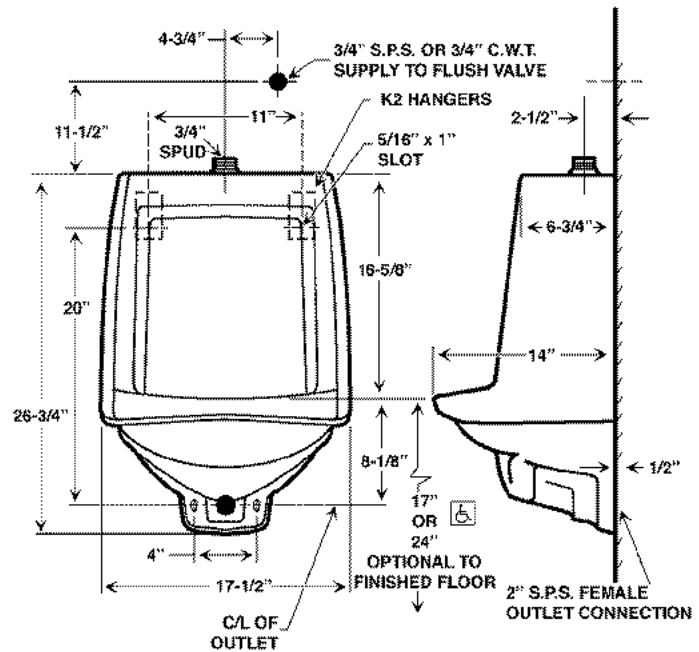
URINALS

American Standard

#55040 (TRIMBROOK)

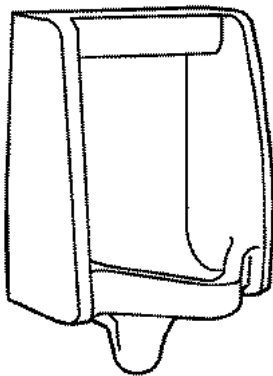


- Low-consumption 1.0 GPF
- Flushing rim
- Siphon jet flush action
- 3/4" inlet spud
- 2 wall hangers
- Fixture only

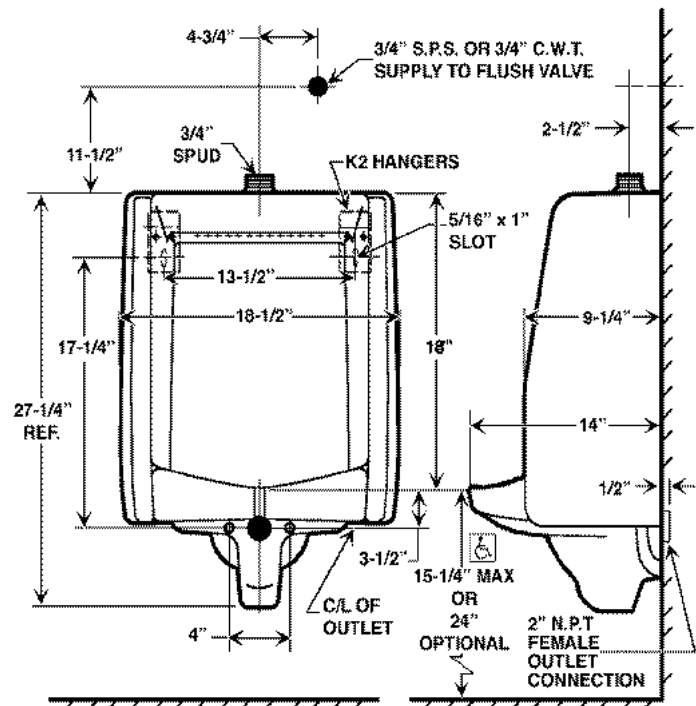


American Standard

#SP939 (WASHBROOK)



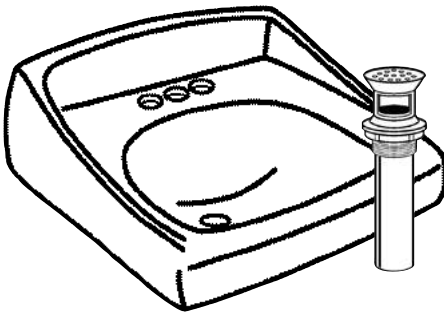
- Low-consumption 1.0 GPF
- Flushing rim
- Elongated 14" rim from finished wall
- Washout flush action
- 3/4" inlet spud
- 2 wall hangers



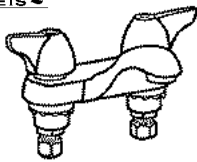
SINK PACKAGES

55082PKG

WALL MOUNTED 4" VITREOUS LAV SINK
BY SLOAN, and 17 GAUGE GRID DRAIN



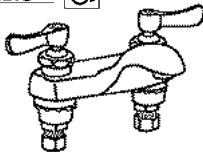
CHICAGO
FAUCETS



#55057 (802-V1000CP)
Faucet Only

#55057PKG
Faucet, Sink & Drain

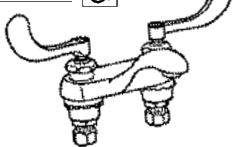
CHICAGO
FAUCETS



#55050 (802-VCP)
Faucet Only

#55050PKG
Faucet, Sink & Drain

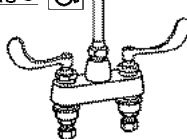
CHICAGO
FAUCETS



#05597 (802V-317CP)
Faucet Only

#05597PKG
Faucet, Sink & Drain

CHICAGO
FAUCETS



#55047 (895-317CP)
Faucet Only

#55047PKG
Faucet, Sink & Drain

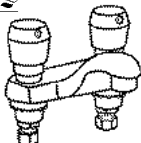
CHICAGO
FAUCETS



#55060 (895-CP)
Faucet Only

#55060PKG
Faucet, Sink & Drain

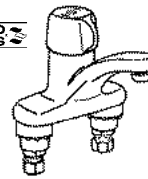
CHICAGO
FAUCETS



#55065 (802-V665CP)
Metering Self-Close
Faucet Only

#55065PKG
Faucet, Sink & Drain

CHICAGO
FAUCETS



#56401 (3300-CP)
Metermix w/ Temp Control
Faucet Only

#56401PKG
Faucet, Sink & Drain

CHICAGO
FAUCETS



#82292 (420-CP)
Faucet Only

#82292PKG
Faucet, Sink & Drain

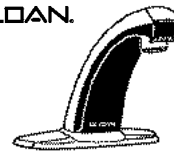
CHICAGO
FAUCETS



#81991 (116.606.21.1)
Above Deck Electronics
Faucet Only

#81991PKG
Faucet, Sink & Drain

SLOAN.



#55115 (EBF85-4)
Faucet Only

#55115PKG
Faucet, Sink & Drain

SLOAN.



#55090 (EBF650)
Faucet Only

#55090PKG
Faucet, Sink & Drain



#54850 (Budget)
Washerless Faucet Only

#54850PKG
Faucet, Sink & Drain

#54849 (Budget)
Washerless Faucet Only

#54849PKG
Faucet, Sink & Drain

#54851 (Budget)
Uses Delta Type Parts
Faucet Only

#54851PKG
Faucet, Sink & Drain



SINKS

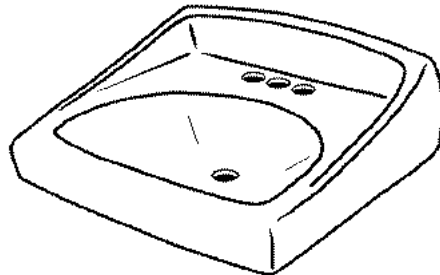
SLOAN

#82915 (SS-3003)

COMPLETE VITREOUS CHINA LAVATORY WITH BACKSPLASH

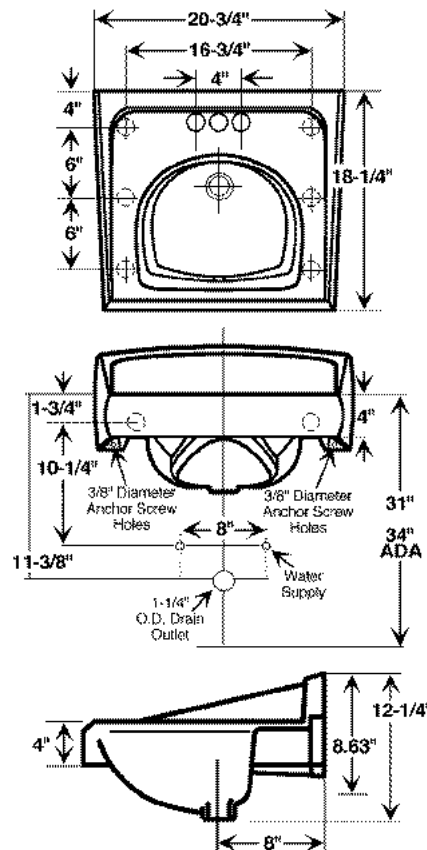


Will replace American Standard Lucerne



- White vitreous china
- Wall mount
- Hanging hardware
- Backsplash
- 4" (102 mm) centers
- Overflow
- ADA compliant when mounted with deck at 34" from finished floor. See illustration for recommended ADA installation
- 20.75" x 18.25"
- Carrier not included
- Compatible with: Jay R. Smith- 0700 series lavatory carrier or equal. Josam- 17100-202 series lavatory carrier or equal. Watts TCA-411 concealed arm "track" carrier or equal. Watts-WCA-411 carrier with concealed arms or equal

See Pages 71-76, 78, 80-83, and 96-97 For Faucets



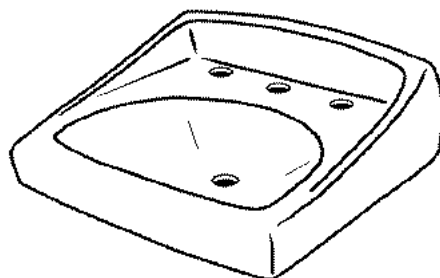
#83578 (SS-3803)

SLOAN

COMPLETE VITREOUS CHINA LAVATORY WITH BACKSPLASH

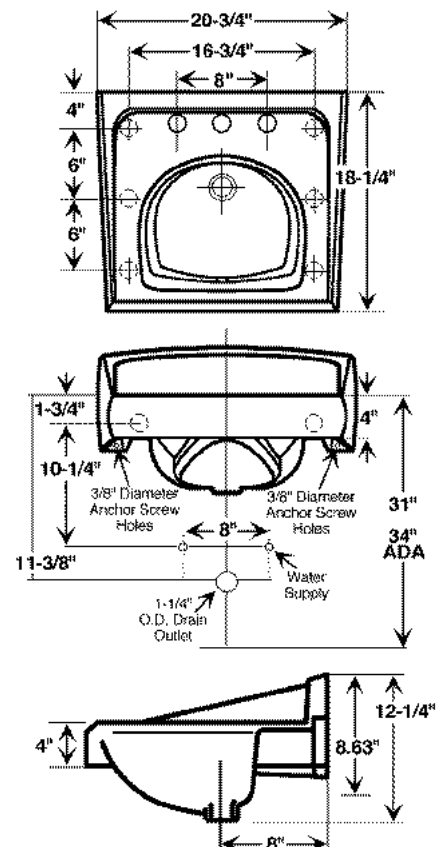


Will replace American Standard Lucerne



- White vitreous china
- Wall mount
- Hanging hardware
- Backsplash
- 8" (102 mm) centers
- Overflow
- ADA compliant when mounted with deck at 34" from finished floor. See illustration for recommended ADA installation
- 20.75" x 18.25"
- Carrier not included
- Compatible with: Jay R. Smith- 0700 series lavatory carrier or equal. Josam- 17100-202 series lavatory carrier or equal. Watts TCA-411 concealed arm "track" carrier or equal. Watts-WCA-411 carrier with concealed arms or equal

See Pages 71-76, 78, 80-83, and 96-97 For Faucets

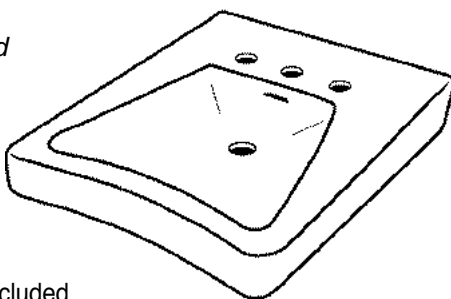


SINKS

#83330 (SS-3804)

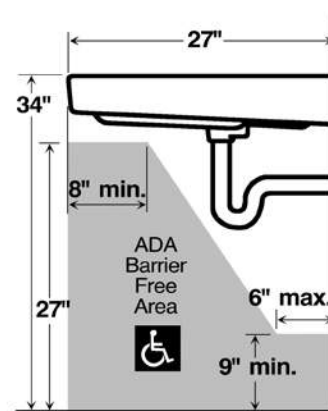
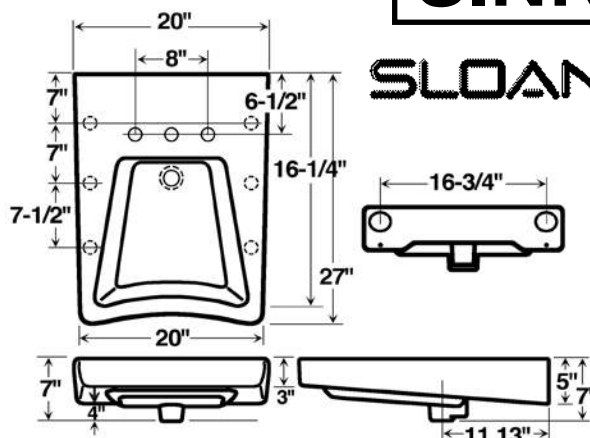
COMPLETE ADA WHEEL CHAIR WALL MOUNT VITREOUS CHINA LAVATORY

*Will replace
American Standard*



- White vitreous china
- Wall mount
- Hanging hardware included
- Hole drillings on 8" (203 mm) center
- Overflow
- ADA compliant when mounted with deck at 34" from finished floor. See illustration for recommended ADA installation
- 20" (508 mm) x 27" (686 mm)
- Carrier not included
- Compatible with: Jay R. Smith-0700-27-M31 series lavatory carrier or equal. Josam-17100-67 series lavatory carrier or equal. Watts TCA-411-WC concealed arm 27 x 20 "track" carrier or equal. Watts WCA-411 WC carrier with concealed arms or equal

See Pages 71-76, 78, 80-83, and 96-97 For Faucets



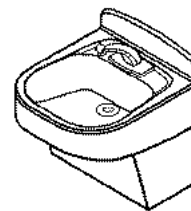
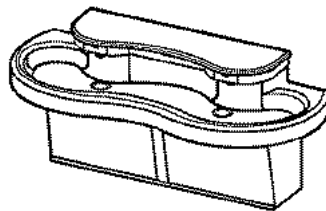
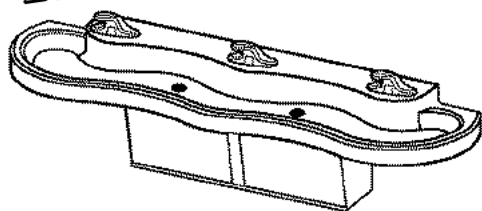
SOLID SURFACE COMMERCIAL SINKS

• Acorn
• Bradley

• Metcraft
• Mansfield

• Sloan
• Willoughby

SLOAN



GREAT FOR:

- Schools
- Office Buildings
- Public Restrooms
- Hospitals

FEATURES:

- Aesthetically pleasing look
- Non-porous material
- Impact resistant
- Chemical and stain resistant
- Durable
- ADA accessible
- Use manual or electronic faucets
- Many models to choose from

**YOU WILL NEVER REPLACE ANOTHER BROKEN SINK!
CALL I.P.S. WITH YOUR REQUIREMENTS.**



STAINLESS STEEL FIXTURES

Tired of Replacing Broken Units?

Made of Durable Stainless Steel, but it Looks Like Porcelain!

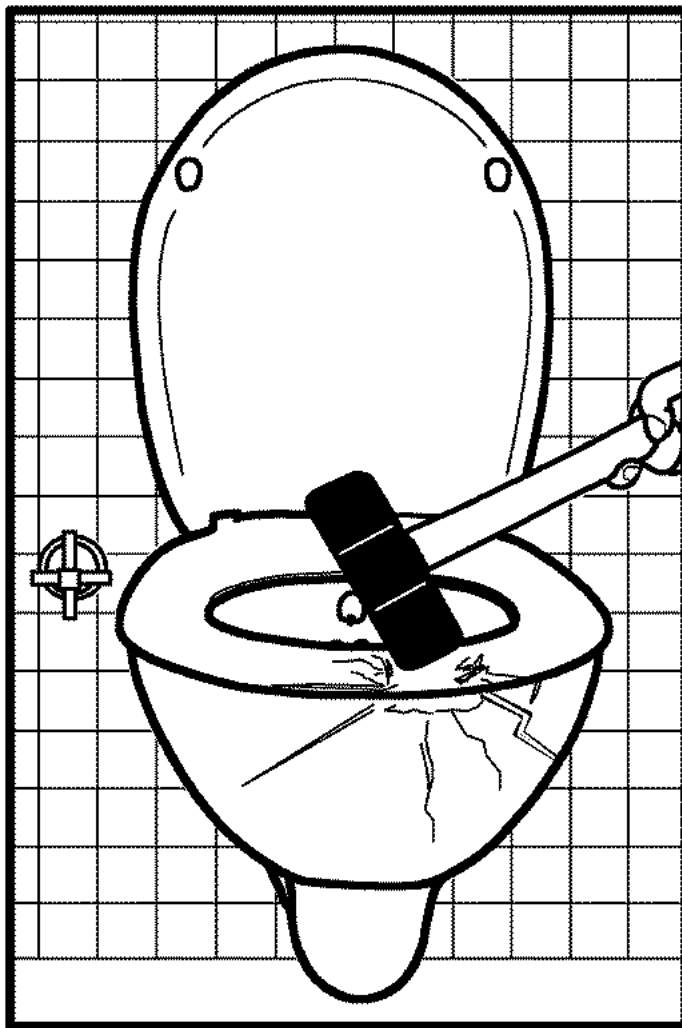
Replace typical vitreous china with water conserving stainless steel fixtures from I.P.S.!

Our stainless steel plumbing fixtures are designed to provide the most reliable, durable and sanitary features demanded in the high abuse wash room market.

Use in:

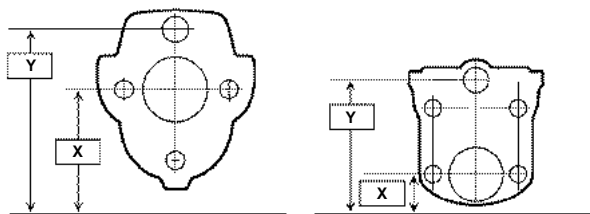
- *Correctional Facilities*
- *Hospitals*
- *Schools*
- *Parks and Recreation*

WOW!
Looks like China!
White Powder Coated
Stainless Steel

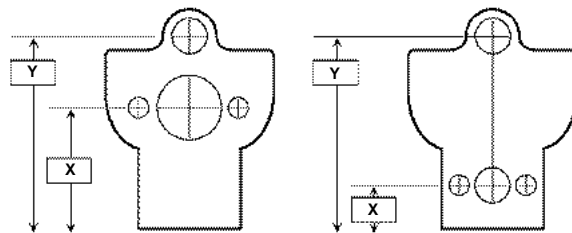


Call For Assistance

WALL HUNG BLOW OUT TYPE SIPHON JET TYPE



FLOOR MOUNTED BLOW OUT TYPE SIPHON JET TYPE



STAINLESS STEEL FIXTURES

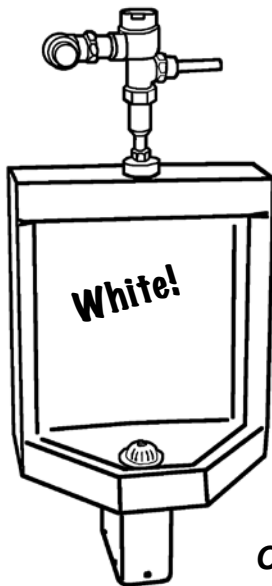
WHITE POWDER COATED STAINLESS STEEL REPLACEMENT FIXTURES FOR VITREOUS CHINA

WOW!
Looks like China!

Replaces:

- Kohler
- Eljer
- Crane
- American Standard

STAINLESS STEEL URINAL



Designed for high abuse washrooms. These fixtures are fabricated using heavy gauge stainless steel, seamlessly welded to form a one piece vandal resistant unit. These units flush at .5 gpf. Urinal fixtures are offered in a wide variety of models, styles and options.

Call For Assistance

**Many Stainless Steel
Accessories Available.
Give us a Call!**

ASI



AJW
AJW Washroom Accessories

Bradley

BOBRICK
WASHROOM ACCESSORIES

LEONARD
WATER TEMPERATURE CONTROLS

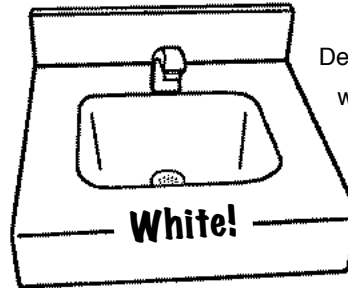
OASIS

POWERS
A WATTS INDUSTRIES CO.

Symmons

W
WILLOUGHBY

STAINLESS STEEL LAVATORY FIXTURES



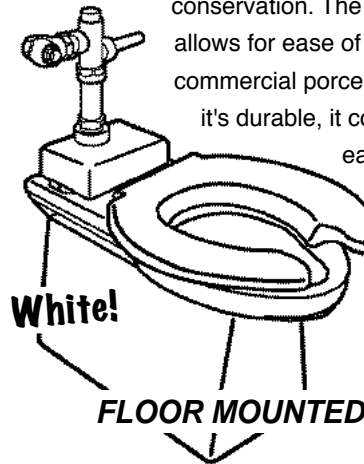
Designed for high abuse washrooms. These fixtures are fabricated using heavy gauge stainless steel, seamlessly welded to form a one-piece vandal resistant

unit. Lavatory fixtures are offered in a wide variety of models, styles and options.

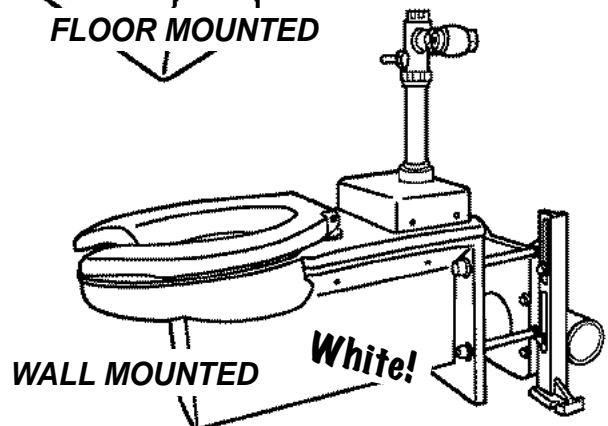
Call For Assistance

BARIATRIC TOILET FIXTURES

The strongest fixture on the market. It looks like a standard commercial porcelain toilet, but it is actually a powder coated color! The finish is so smooth, you wouldn't know it is constructed of 14 gauge stainless steel. This toilet features new HET technology to give our customers the added advantage of water conservation. The crevice-free design allows for ease of cleaning over traditional commercial porcelain toilets. It looks great, it's durable, it conserves water and it's easy to clean.



**Call For
Assistance**



ANTIMICROBIAL



About SANIGUARD® Antimicrobial Product Protection

SANIGUARD® antimicrobial product protection is a built-in antimicrobial treatment for metal and plastic products and coatings. When microbes come in contact with a treated product surface, SANIGUARD®'s inorganic, silver ion technology actively inhibits their growth by hindering cell wall transmissions, disrupting cell metabolism, and interfering with cellular reproduction.

SANIGUARD®'s coatings and additives are effective against most common bacteria, yeasts, molds, and fungi that cause stains, odors, and product deterioration. In addition, applying our SANIGUARD® treatment makes products easier to clean and keeps them cleaner and fresher between cleanings.

SANIGUARD® antimicrobial product protection is built-in to products during the manufacturing process and will not wash off or wear away. Under normal cleaning conditions, the SANIGUARD® treatment will provide continuous antimicrobial product protection for the useful life of the product.

SANIGUARD® antimicrobial product protection is designed to protect the product itself. It is not a disinfectant and does not protect users or others against food-borne or disease-causing microorganisms. Users should continue to maintain proper cleaning and hygienic practices.



#40310020

Antimicrobial
15/16 Female
1.5 GPM



#40310021

Antimicrobial
15/16 Male
1.5 GPM



#40310022

Antimicrobial
15/16 Female VP
1.5 GPM



#40310023

Antimicrobial
15/16 Male VP
1.5 GPM



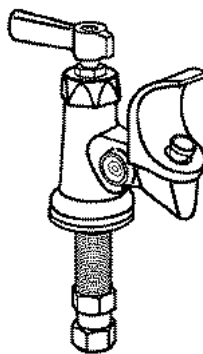
#40310024

Antimicrobial
15/16
Fits Chicago Faucets



#40310025

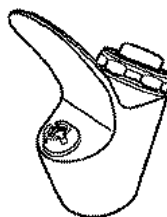
Antimicrobial
Vandal Proof Key



ANTIMICROBIAL LEVER FOUNTAIN VALVE

#40310026

Self-closing, deck mounted fountain
bubbler with antimicrobial flexible
projection head



ANTIMICROBIAL UNIVERSAL FOUNTAIN BUBBLER

#40310027



ANTIMICROBIAL SANITIZING FOGGER

#60350001

3 oz. can
12 cans per case

#60350002

8 oz. can
12 cans per case



ANTIMICROBIAL WHITE ELONGATED CLOSET SEAT

#40310018

With stainless steel hinges,
elongated open front, less cover.



#11674 URINAL MAT Antimicrobial Floor Protector

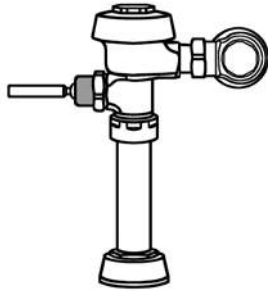
- Eliminates odor and protects tile and grout from urine stains.

- Reduces maintenance, labor costs, and slip and fall liability.
- The Timestrip® (time in service monitor) indicates how long the mat has been in place, and lasts up to 30 days depending on traffic volume.



ANTIMICROBIAL

SLOAN

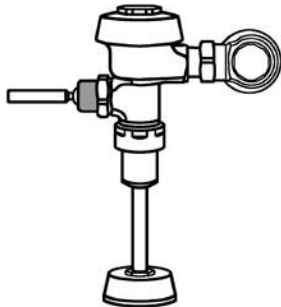


#40310030
CLOSET - 3.5 GPF
1-1/2" Vacuum Breaker
1" Stop

#40310033
CLOSET - 1.6 GPF
Low Consumption
1-1/2" Vacuum Breaker
1" Stop

*With antimicrobial ADA handle assembly
Indicated by blue handle socket*

SLOAN



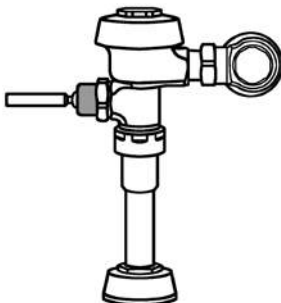
#40310032
URINAL - 1.5 GPF
3/4" Vacuum Breaker
3/4" Stop

#40310034
URINAL - 1.0 GPF
Low consumption
3/4" Vacuum Breaker
3/4" Stop

#40310036
URINAL - 0.5 GPF
Low Consumption
3/4" Vacuum Breaker
3/4" Stop

*With antimicrobial ADA handle assembly
Indicated by blue handle socket*

SLOAN

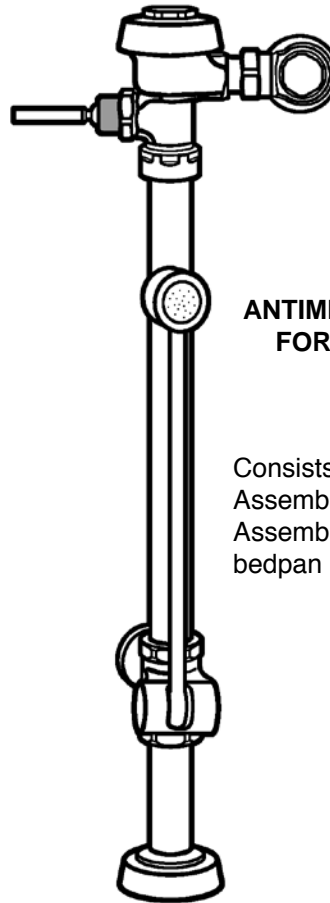


#40310031
URINAL - 3.5 GPF
1-1/4" Vacuum Breaker
1" Stop

#40310035
URINAL - 1.0 GPF
Low Consumption
1-1/4" Vacuum Breaker
1" Stop

*With antimicrobial ADA handle assembly
Indicated by blue handle socket*

SLOAN



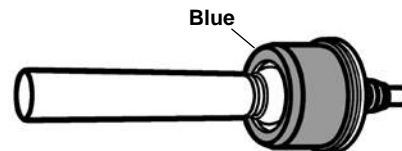
**ANTIMICROBIAL RETRO KIT
FOR BEDPAN WASHER
#40310052**

Consists of Antimicrobial Handle
Assembly and Spray Arm
Assembly to attach to existing
bedpan unit.



SLOAN

**SLOAN ADA ANTIMICROBIAL
HANDLE ASSEMBLY
#40261391**

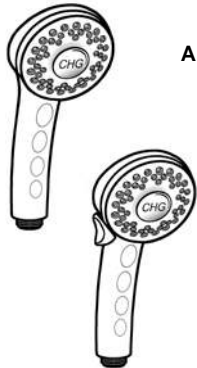


Genuine replacement for original Sloan valves.
It installs easily into existing flushometer bodies.
Manufactured by Sloan, it also replaces units by
Zurn and others.

It is factory assembled and pre-lubricated to
assure long life and reliable operation. The blue
collar identifies this handle assembly has been
treated with Antimicrobial.



ANTIMICROBIAL



ANTIMICROBIAL HAND SHOWER HEAD

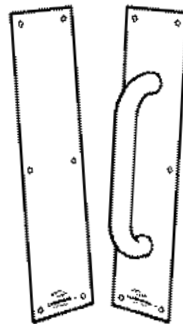
#40310044

With Self-Cleaning Head

ANTIMICROBIAL PUSH BUTTON
HAND SHOWER HEAD

#40310045

With Self-Cleaning Head



ANTIMICROBIAL DOOR PUSH-PULL
PLATE SET

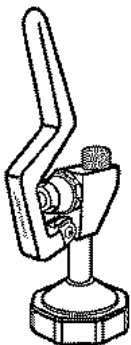
#50250012

3-1/2" x 15" x 1" DIA

ANTIMICROBIAL DOOR PUSH-PULL
PLATE SET

#50250013

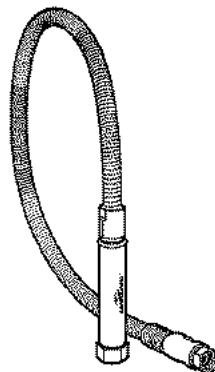
4" x 16" x 1" DIA



ANTIMICROBIAL SPRAY VALVE

#40310029

Fits CHG and T&S



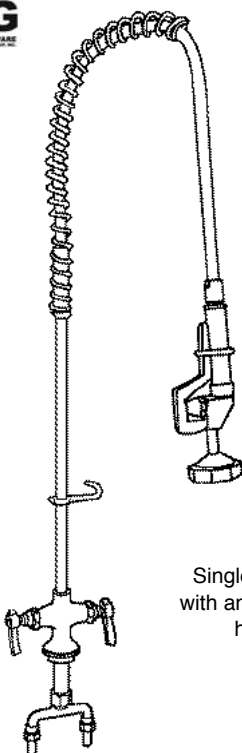
ANTIMICROBIAL
PRE-RINSE HOSE - 44"

#40310016

Fits CHG and T&S

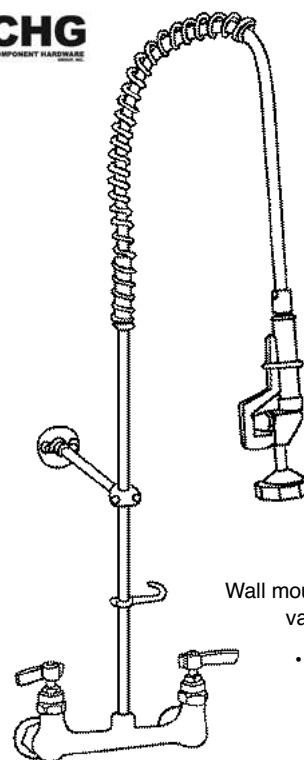
Hose Grip comes with Antimicrobial Protection. All Antimicrobial Hose Assemblies are now totally washerless throughout, adding additional longevity. Temperature resistant O-rings offer a positive leak proof seal

Other Lengths In Stock



#40310013

Single hole, deck mounted,
with antimicrobial spray valve,
hose, and handles



#40310014

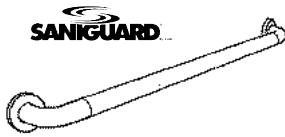
Wall mounted with antimicrobial spray
valve, hose, and handles

• 8" Adjustable Centers



ANTIMICROBIAL

ANTIMICROBIAL GRAB BAR WITH CONCEALED FLANGES AND KNURLED FINISH



#50250000 - 12" #50250005 - 32"
#50250001 - 16" #50250006 - 36"
#50250002 - 18" #50250007 - 42"
#50250003 - 24" #50250008 - 48"
#50250004 - 30"



ANTIMICROBIAL HANDLES

#40310009

Pair Lever Handles
Fits T&S and CHG



ANTIMICROBIAL HANDLES

#40310010

Pair 4" Wrist Handles
Fits T&S and CHG



ANTIMICROBIAL HANDLES

#40310011

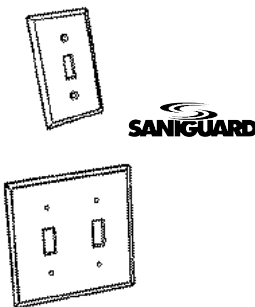
Pair 4" Lever Handles
Fits Chicago and Zurn



ANTIMICROBIAL HANDLES

#40310012

Pair 4" Wrist Handles
Fits Chicago and Zurn



SANIGUARD™ STAINLESS STEEL SINGLE SWITCH PLATE

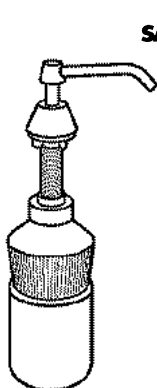
#50250009

Other sizes and styles available.
Call for assistance

SANIGUARD™ STAINLESS STEEL DOUBLE SWITCH PLATE

#50250010

Other sizes and styles available.
Call for assistance



ANTIMICROBIAL MANUAL SOAP DISPENSER

#50250011

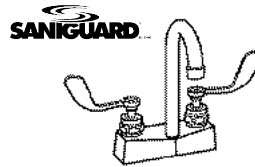
- 4" Spout
- 32 oz. Bottle
- Vandal resistant locking cover - includes key
- Antimicrobial treated chrome plated brass spout stem



ANTIMICROBIAL FAUCET WITH CAST SPOUT

#40310038

- Antimicrobial handle & aerator
- 4" Centers
- Ceramic stems



ANTIMICROBIAL FAUCET WITH GOOSENECK SPOUT 4" CENTERS

#40310004

- Antimicrobial handle & aerator
- Ceramic stems



ANTIMICROBIAL FAUCET WITH GOOSENECK SPOUT 8" CENTERS

#40310006

- Antimicrobial handle & aerator
- Ceramic stems



ANTIMICROBIAL SINGLE FAUCET WITH GOOSENECK SPOUT

#40310007

- Antimicrobial handle & aerator
- Spout 6" center to center



ANTIMICROBIAL DOUBLE FAUCET WITH GOOSENECK SPOUT

#40310008

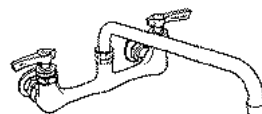
- Antimicrobial handle & aerator
- Spout 6" center to center



ANTIMICROBIAL WALL MOUNT FAUCET WITH 8" SPOUT

#40310039

- Antimicrobial handle & Aerator
- Ceramic stems
- 8" Centers



#40310040

As above, with
12" spout

#40310041

As above, with
18" spout



ANTIMICROBIAL ICE SCOOP

#50250020

Note: Holder sold separately



ANTIMICROBIAL ICE SCOOP HOLDER

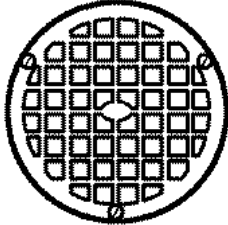
#50250021

Note: Scoop sold separately



GRATES & DRAINS

ZURN Z-400 & Z-415 TYPE "N" BRASS

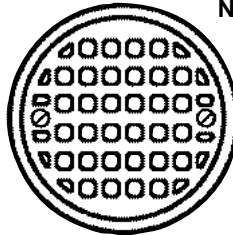


3 Screw grate

#40800404 6-7/8" x 3/16"

#40800405 8-1/2" x 3/16"

SMITH REPLACEMENT GRATES NICKEL BRONZE



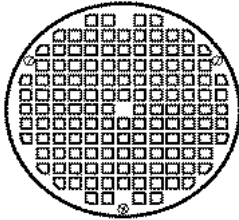
2 Screw Grate

#40800409 4-5/8"

#40800410 5-5/8"

#40800411 6-3/8"

ZURN Z-400 & Z-415 TYPE "B" BRASS

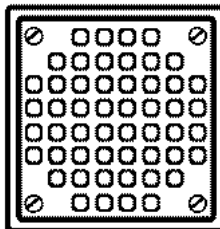


3 Screw Grate

#40800270 4-7/8" Brass

#40800271 6" Brass

SMITH BRONZE



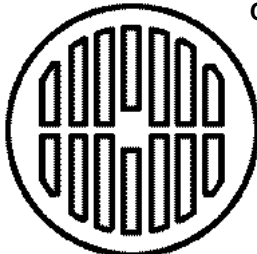
4 Screw Grate

#40800368 4-5/8" x 4-5/8"

#40800412 5-5/8" x 5-5/8"

#40800413 7-1/2" x 7-1/2"

ZURN Z-500 SERIES CAST IRON

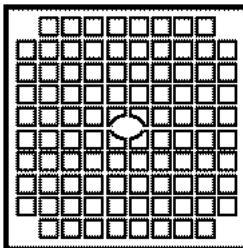


No Screws

#40800406 6-3/8"

#40800407 8" x 7/16" Thick

ZURN SQUARE REPLACEMENT GRATES



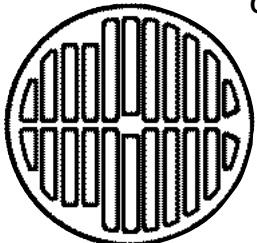
4 Screw Grate

NICKEL BRONZE

#40800369 4-5/8" x 4-5/8"

#40800370 5-5/8" x 5-5/8"

ZURN Z-700 SERIES CAST IRON



No Screws

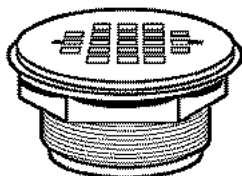
#40800408 8-1/4"

NICKEL BRONZE

#40800371 6-5/8" x 6-5/8"

#40800372 8-7/8" x 8-7/8"

SHOWER DRAIN



#40800373

Chrome Plated No-caulk
Shower Stall Drain

#40800374

Polished Brass No-caulk
Shower Stall Drain

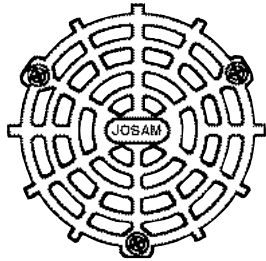


**MANY OTHER TYPES AND STYLES AVAILABLE.
CALL FOR ASSISTANCE !**



GRATES & DRAINS

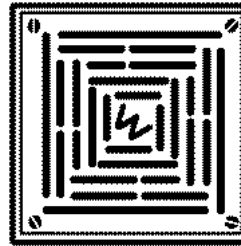
JOSAM REPLACEMENT GRATES BRASS STRAINER



3 SCREW GRATE

#40800268	4-5/8"
#40800269	5-1/4"
#40800317	6-7/16"
#40800318	7-1/8"

WADE REPLACEMENT GRATES BRONZE GRATE

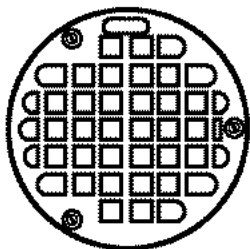


4 SCREW GRATE

#40800325	3-1/2" x 3-1/2"
#40800326	4-9/16" x 4-9/16"

Grate Only - Whole Assembly Not Available

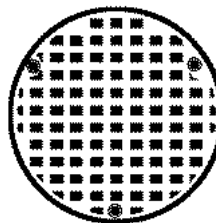
JOSAM BRASS STRAINER



3 SCREW GRATE

#40800319	5-17/64"
#40800320	6-7/16"

WADE NICKEL BRONZE, GRATE ONLY



#40800327	4-5/8", 2 screw
#40800328	5-3/8", 3 screw

GRATE ONLY

JOSAM NIKALOY STRAINER



3 SCREW GRATE

#40800322	7-1/4"
#40800321	8-1/8"

Grate Only - Whole Assembly Not Available

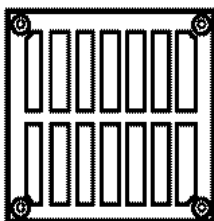
TYPE "D" HINGED GRATE NICKEL BRONZE



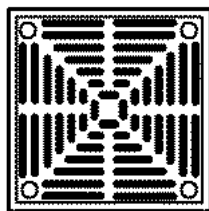
#40800329	6" w/ hinge
-----------	-------------

GRATE ONLY

JOSAM SQUARE GRATES BRONZE



4 SCREW GRATE



GRATE ONLY

#40800323	4-1/2" x 4-1/2"
#40800324	5-5/8" x 5-5/8"

SCREWS



#71522	10-24 x 1 1/2 18.8 Phillips Flat Head Undercut Machine Screw	#71524	8-32 x 1/2 Brass Phillips Flat Head Machine Screw
#71520	8-32 x 3/8 18.8 Phillips Flat Head Undercut Machine Screw	#71525	10-24 x 3/8 Brass Phillips Flat Head Machine Screw
#71521	10-24 x 3/8 18.8 Phillips Flat Head Undercut Machine Screw	#71526	10-24 x 1 1/2 Brass Phillips Flat Head Machine Screw
#71523	8-32 x 3/8 Brass Phillips Flat Head Machine Screw		



COVERS & GRATES

STAINLESS STEEL SNAP-IN DRAIN COVER



#44187	2" Pipe Size
#44188	3" Pipe Size
#44189	4" Pipe Size

CAST IRON

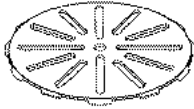


PART #	SIZE	THICKNESS
#44264	2-3/4"	3/16"
#44265	3-3/4"	3/16"
#44266	4-7/8"	3/8"
#44268	6-7/8"	3/8"

ADJUSTABLE STAINLESS STEEL DRAIN COVER



#51625
Fits 3 1/2" to 6 3/4"
Drain Openings
7-1/4" OD



#51626
Fits 5 1/4" to 8 3/4"
Drain Openings
9-1/2" OD

CAST IRON

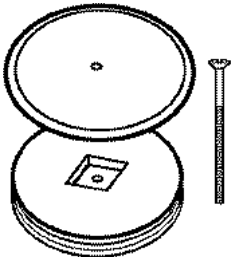


PART #	SIZE	THICKNESS
#44271	3"	3/8"
#44273	4-1/2"	3/16"
#44275	5"	3/8"
#44267	5-3/8"	1/4"
#44276	5-1/2"	3/16"
#82191	5-3/4"	1/4"
#44277	6"	1/4"
#57550	6-1/4"	1/4"
#44278	6-3/8"	3/16"
#44279	6-1/2"	3/16"
#44280	6-5/8"	3/16"
#44281	6-7/8"	1/4"
#44282	7"	1/2"
#83226	7-1/4"	1/4"
#44283	8"	1/4"
#44270	8-3/8"	1/4"
#54835	9-1/2"	3/16"
#44284	9-7/8"	3/16"
#44286	10"	3/4"
#44287	12"	3/4"

3 PC. COVER SET

S.S. COVER, BRASS COUNTERSUNK PLUG, & SCREW

	PLUG DIA. IPS	COVER DIA
#44520	1-1/2"	3"
#44497	2"	4"
#44498	2-1/2"	5"
#44499	3"	5"
#44500	3"	6"
#44501	3-1/2"	6"
#44502	3-1/2"	7"
#44503	4"	7"
#44504	5"	8"
#44505	6"	8"
#44506	6"	10"



OTHER SIZES
AVAILABLE
ON REQUEST

CALL WITH
DIAMETER,
THICKNESS,
& MATERIAL !

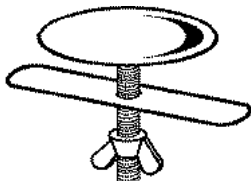
STAINLESS STEEL COVERS & BOLTS 24 GAUGE



#44508	3"
#44509	4"
#44510	5"
#44512	6"
#44513	7"
#44514	8"
#44515	10"
#44517	1/4" x 2-1/2"
#44518	1/4" x 4"
#44519	1/4" x 6"



CHROME HOLE COVERS



#04625	1-3/4" DIAMETER
#04623	2" DIAMETER
#044321	3-3/8" DIAMETER

GUARDIAN DRAIN-LOCK™



#84490	2"
#84491	3"
#84492	4"
#84493	2" Torx Key
#84494	3" and 4" Torx Key

BENEFITS:

- Prevents damage to P-traps from cabling
- Prevents clogs
- Cuts down on solid waste
- Prevents floating rags/bags from blocking pipe exit
- Prevents blockage in common area/city main lines

The Guardian Drain Lock is a new, innovative device designed specifically for floor sinks. It is easily installed and locked within seconds, preventing staff or cleaners from removing it and allowing debris to pass into the pipes. Made of stainless steel, the Guardian Drain Lock will reduce or eliminate clogs, and allow you to avoid costly expenditures. Call I.P.S. today!



PLUGS & TOOLS

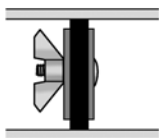
TWIST-TITE MECHANICAL PLUGS



- Oversized wing nut with wrench pad for easy removal
- Made of high impact ABS material
- This model for end-of-pipe only
- Will not rust or corrode
- Neoprene gasket

#83300	1-1/2" plug	#83303	4" plug
#83301	2" plug	#83304	6" plug
#83302	3" plug	#83305	8" plug

INSIDE PIPE TWIST-TITE MECHANICAL PLUGS



For inside-pipe only

#83306	4" plug
#83307	6" plug
#83308	8" plug

EXPANSION PLUGS



#55853	1-1/4"	#44312	4"
#44309	1-1/2"	#44313	5"
#44310	2"	#44314	6"
#44311	3"		

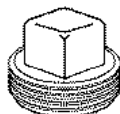
FLUSH MECHANICAL CLEANOUT REPAIR PLUGS



- Holds up to 50 feet of backpressure
- Seals air tight!
(Does not rely on threads to seal)
- Back pressure actually increases sealing ability
- Completely flush inside and out
- Stainless steel flat head screw
- Cannot fall into the pipe
- Comes with wrench

#83309	2" Flush Mech. Cleanout Plug
#83310	3" Flush Mech. Cleanout Plug
#83311	3-1/2" Flush Mech. Cleanout Plug
#83312	4" Flush Mech. Cleanout Plug

DWV PLUG M



ABS (BLACK)	PVC (WHITE)
#49300	1-1/2"
#49301	2"
#49302	3"
#49304	4"

DRAIN OPENER - HOSE CONNECTION



Just insert into drain line opening. Automatically expands and forms a seal when faucet is turned on. Pulsating water loosens and clears blockage.

#44315	1" To 2" Pipe Size
#44316	1-1/2" To 3" Pipe Size
#44317	4" To 6" Pipe Size

SURE SEAL™

Stop floor drain odors before they start with waterless trap protection.



- Fast and Easy to Install
- No Special Tools Required
- Low Maintenance
- No Flow Restriction
- 100% Effective & Safe
- 10-Year Limited Warranty
- Eliminate Call-Backs
- Eco-Friendly – Saves Water
- Reduces use of potable water – lowering water bills.
- Reduces flow of water through sewage treatment systems increasing existing plant capacity.

#83202	2" Drain - ≥ 12 GPM	#83205	3.5" Drain - ≥ 73 GPM
#83203	3" Drain - ≥ 34 GPM	#83204	4" Drain - ≥ 73 GPM

#86545

2-WAY WRENCH FOR T-CONE CLEANOUT TEST AND REPAIR PLUGS



- For tightening 1" thru 6" combination cleanout test plugs and cleanout repair plugs with raised head
- For T-Cone cleanout test & repair plugs
- Also fits 3" thru 4" recessed drive plugs

BRASS PLUGS - IPS



#44484	2" Countersunk
#44486	2-1/2" Countersunk
#44488	3" Countersunk
#44490	3-1/2" Countersunk
#44492	4" Countersunk
#44494	5" Countersunk
#44496	6" Countersunk
#44483	2" Raised Head
#44485	2-1/2" Raised Head
#44487	3" Raised Head
#44489	3-1/2" Raised Head
#44491	4" Raised Head
#44493	5" Raised Head
#44495	6" Raised Head

FLOOD GUARDS PREVENTS FLOODING

Operates like a check valve to seal off water back-up caused by overloaded sewers. When sewer begins to back up, float rises to seal off drain opening.

**Installs
In Minutes!**



#44436	2" Float Model
#44437	3" Float Model
#44438	4" Float Model



KITCHEN SPRAY UNITS

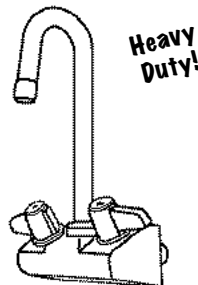


#02002
ADD-ON FAUCET FOR USE WITH
PRE-RINSE UNITS
6" NOZZLE

#02003
ADD-ON FAUCET WITH 12" NOZZLE

#02004
ADD-ON FAUCET WITH 18" NOZZLE

FITS
3/8 IPS



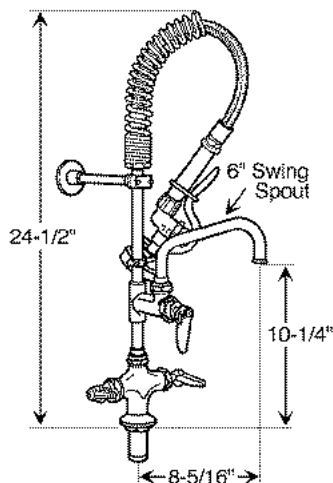
**Heavy
Duty!**



#83577
4" WALL MOUNTED
HAND SINK FAUCET

- 3" swivel gooseneck spout
- Heavy duty version of #54610

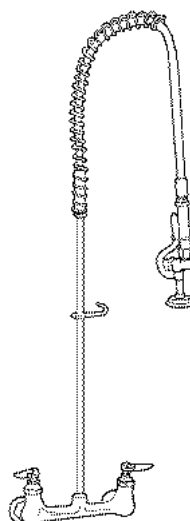
For Budget, See Page 76



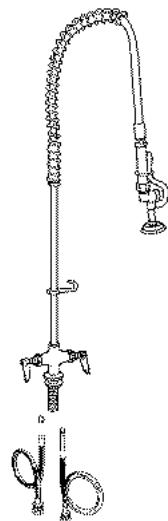
#83575
MINI PRE-RINSE UNIT

Designed to fit in compact kitchens and tight spaces. Includes many of the high-quality components as our standard size units. Uses #02007 (B107) Spray valve.

Many options available. Call for assistance.



A complete pre-rinse unit. Assembly is used where a wall or splash back connection is desired. Faucet has 8" centers with 1/2" IPS female eccentric flanged union inlets. The spring action type gooseneck gives the user a wider range of coverage. Unit is 34" high with 15" overhang and measures 5" from bottom of spray valve to C/L of faucet. Longer length hoses furnished on request.



#02001
PRE-RINSE UNIT SINGLE HOLE
DECK MOUNT

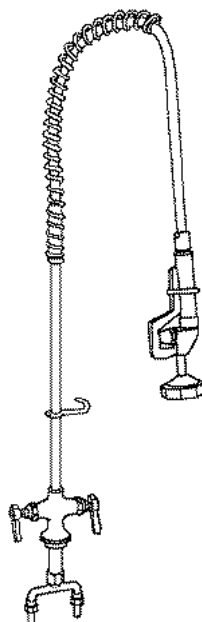
A complete pre-rinse unit. The spring action type gooseneck gives the user a wider range of coverage. Unit is approximately 40" high with an overhang of about 15" with 9" clearance. In normal position, the spray valve hangs approximately 31" below top of the gooseneck spring. Longer length hoses available on request.

**See Pages 213
For Parts!**



#40310013
DECK MOUNTED WITH
ANTIMICROBIAL SPRAY VALVE
AND HANDLES

- Single hole
- With wall bracket

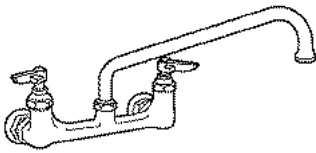


KITCHEN FAUCETS



SINK MIXING FAUCET WITH SWING NOZZLE

8" centers on sink faucet with 1/2" IPS eccentric flanged female inlets. Lever handles.



#55106

6" Swing Nozzle

#54234

12" Swing Nozzle

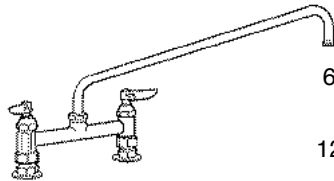
#49316

18" Swing Nozzle



DECK MIXING FAUCET WITH SWING NOZZLE

8" centers on deck faucet with 1/2" IPS eccentric flanged female inlets. Lever handles.



#05589

6" Swing Nozzle

#05588

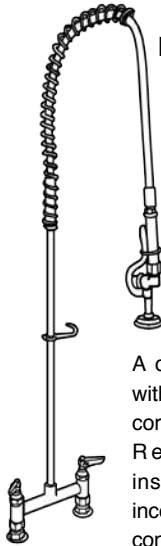
12" Swing Nozzle

#05565

18" Swing Nozzle

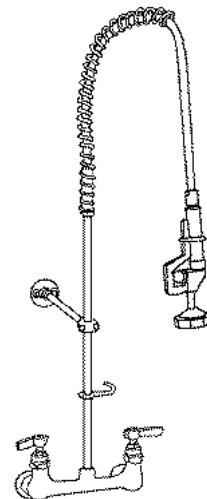
#02020

PRE-RINSE UNIT



A complete pre-rinse unit with mixing faucet to obtain correct water temperature. Recommended for installations where it is inconvenient to make faucet connections below the sink.

8" center deck faucet with union coupling connections allows faucet to be installed to the piping at sink top level. Faucet has 1/2" IPS female eccentric flanged inlets. Spring action type gooseneck gives the user a wider range of coverage. Unit is 40" high with 15" overhang and 9" clearance. Longer length hoses furnished on request.



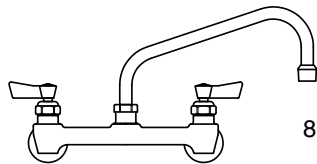
#40310014

WALL MOUNTED WITH ANTIMICROBIAL SPRAY VALVE AND HANDLES

- 8" Adjustable Centers
- With wall bracket



WALL MOUNT FAUCET 8" CENTERS



#83532

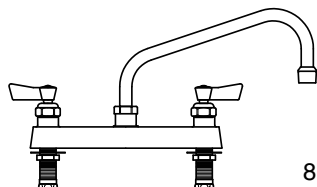
8" Swing Nozzle

#83533

12" Swing Nozzle



DECK MOUNT FAUCET 8" CENTERS



#83534

8" Swing Nozzle

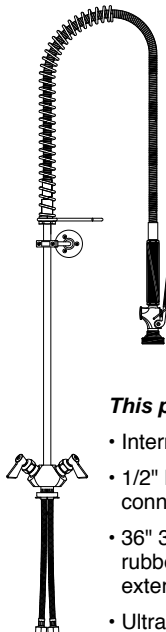
#83535

12" Swing Nozzle

- With stainless steel seats & swivel seat discs

#83536

SINGLE HOLE DECK MOUNT PRE-RINSE UNIT

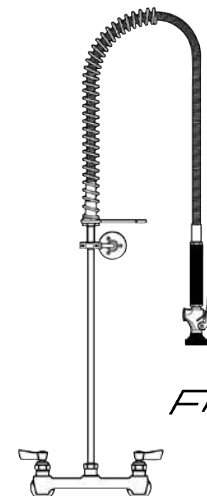


This pre-rinse unit features:

- Internal spring check valves
- 1/2" NPT female connections
- 36" 3-ply fiber reinforced rubber hose (stainless steel external jacket)
- Ultra spray valve
- Adjustable wall bracket (2" to 12")

#83537

BACK MOUNT PRE-RINSE UNIT

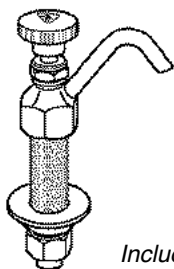


This pre-rinse unit features:

- Internal spring check valves
- 8" Back mount faucet
- 36" 3-ply fiber reinforced rubber hose (stainless steel external jacket)
- Ultra spray valve
- Adjustable wall bracket (2" to 12")



KITCHEN FAUCETS



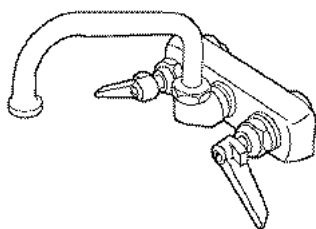
#54837
Dipperwell Faucet

#84882
OEM Dipperwell Faucet

#57311
Dipperwell Faucet Repair Kit
Includes handle, stem, and six seat washers.

WORKBOARD FAUCET WITH SWING NOZZLE FOR SPLASHBACK MOUNTING

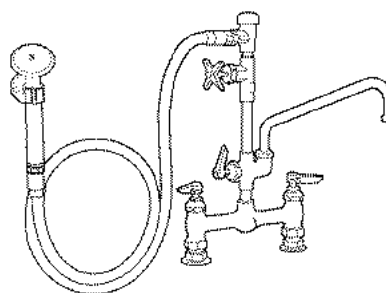
Bronze body with removable seats. High luster chrome plated brass escutcheon 6-1/2" long x 2" wide. Shanks on 3-1/2" centers, 1-1/2" long, 1/2" NPS thread. Heavy wall tubular swing nozzle.



- #02310** 6" NOZZLE
- #02311** 8" NOZZLE
- #02312** 10" NOZZLE
- #02313** 12" NOZZLE

#02309 FAUCET WITH SWING NOZZLE AND SPRAY UNIT

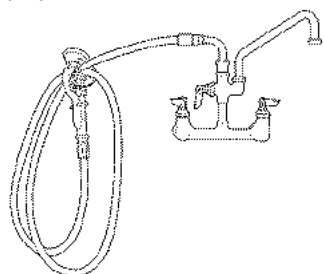
Deck mounted mixing faucet has 12" swing nozzle and spray head on flexible stainless steel hose. Vacuum breaker on spray hose line with manual on-off control to spray head. 1/2" IPS female inlets



are adjustable from 7-3/4" to 8-1/4" centers. Built-in check valves prevent cross flow of water. Hanger hook holds hose when not in use. Hose and spray is 78" overall. Any length hose and other length nozzles furnished on request.

#02314 FAUCET WITH SWING NOZZLE AND SPRAY UNIT

Wall mounted mixing faucet has 12" swing nozzle and self closing spray valve on flexible stainless steel hose. 1/2" IPS female inlets



are adjustable from 7-3/4" to 8-1/4" centers. Built-in check valves prevent cross flow of water. Hanger hook holds hose when not in use. Hose and spray unit is 108" overall. Any length hose and other length nozzles furnished on request.

GERBER KITCHEN



#83386
Chrome Pull Out
Kitchen Spray Head

#83387
White Pull Out
Kitchen Spray Head

KOHLER KITCHEN



#52193
Black Pull Out
Kitchen Spray Head



#52190
White Pull Out
Kitchen Spray Head

FITS MOST



#54283
Chrome Pull Out
Kitchen Spray Head

GERBER



#58161
Pull-Out Spray Hose
for Gerber 40-460 faucets

KOHLER



#53345
Chrome plated
Pull-Out Spray Hose

FITS MOST



#54284
Pull-Out Spray Hose
Fits: Kohler, Sterling, Moen, Valley, Elkay, Universal Rundle, Milwaukee, Carefree, Grohe. No adapters required. Direct fit. If adapter required see # 54344 below.

#54344

Pull-Out Spray Adapter
Three different adapters for
above hose # 54284

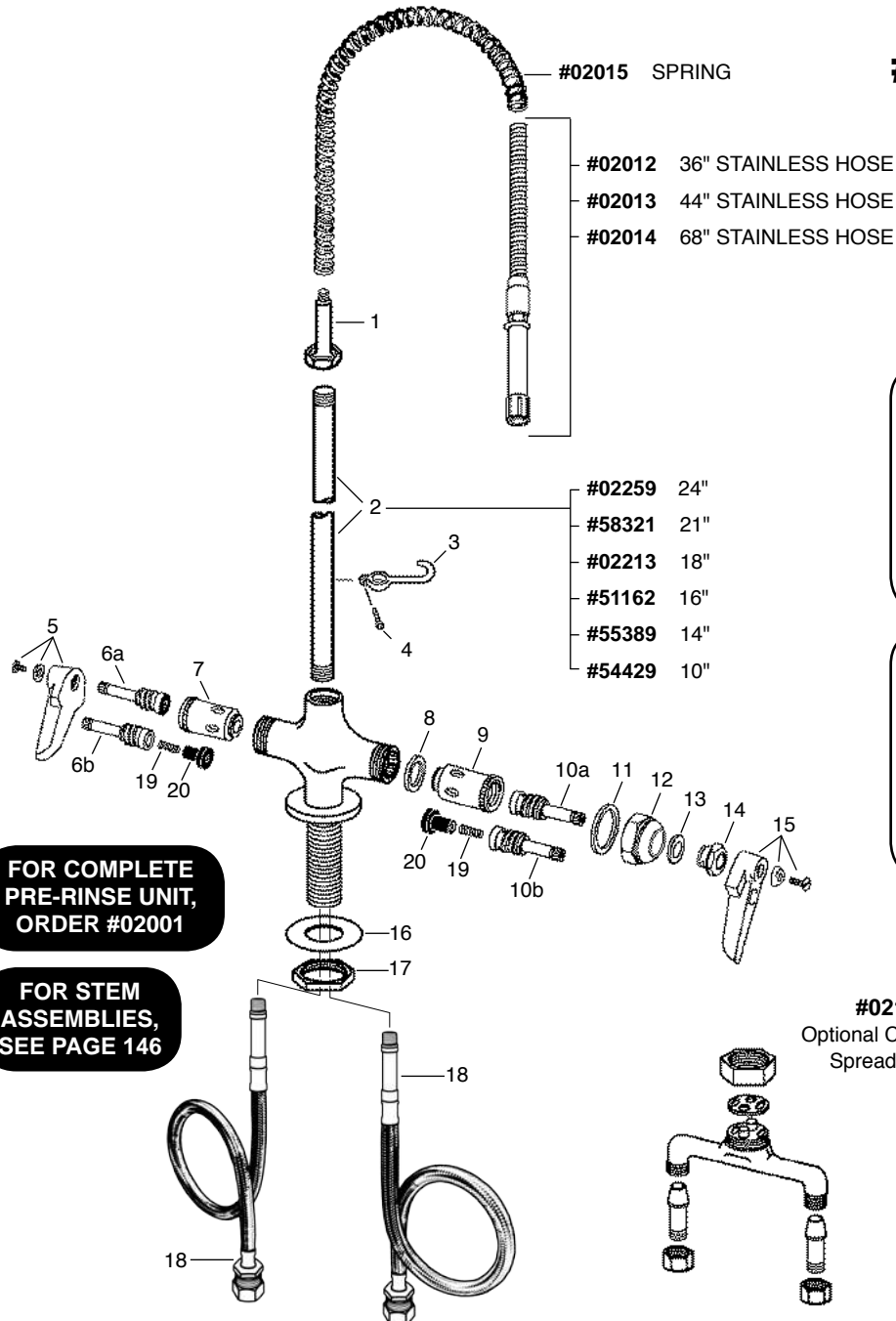
- Delta/Peerless • Price Pfister
- American Standard





PRE-RINSE PARTS

2001 Pre-Rinse



**FOR COMPLETE
PRE-RINSE UNIT,
ORDER #02001**

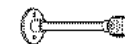
**FOR STEM
ASSEMBLIES,
SEE PAGE 146**



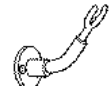
#02010
Repair Kit
For
2007



#02007
Spray Valve



#02021
Wall Bracket
(Supports
Riser Arm)



#02022
Dummy Wall
Hook



#02276
Spreader Unit
Gasket
Old Style

#02195
Optional Cast Brass
Spreader Unit

1	#02258	Spring Body	6a	#02161	Old Style Hot Stem <i>Uses Flat Washer And Screw.</i>	12	#SP4443	Bonnet
2	#02259	Riser - 24" (standard)	6b	#02115	Hot Stem (Uses 19 & 20)	13	#02170	Packing
	#58321	Riser - 21"	7	#02162	Hot Barrel	14	#02171	Packing Nut
	#02213	Riser - 18"	8	#02163	Bottom Gasket	15	#02172	Lever Handle - Cold
	#51162	Riser - 16"	9	#02164	Cold Barrel	16	#02274	Washer
	#55389	Riser - 14"	10a	#02167	Old Style Cold Stem <i>Uses Flat Washer And Screw.</i>	17	#02275	Nut
	#54429	Riser - 10"	10b	#02116	Cold Stem (Uses 19 & 20)	18	#56687	Flex Supply Hoses (2)
3	#02260	Finger Hook	11	#02168	Top Gasket	19	#51807	Spring
4	#02261	Screw				20	#51818	Seat Holder
5	#02160	Lever Handle - Hot						



KITCHEN REPAIR

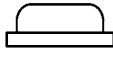
FISHER



#05285
Screw



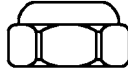
#50921
Friction Washer



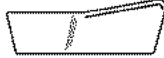
#44814
Packing



#46635
Blue Index



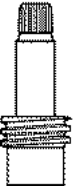
#02323
C. P. Bonnet



#82293
Lever Handle with
Hot & Cold Indexes



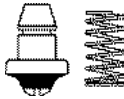
#46636
Red Index



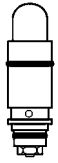
#02325
Complete Hot
Stem Assembly



#44815 RH
#44818 LH



#44819
Valve Stem
Repair Kit



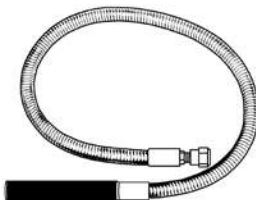
#51254
Plunger Assy.
for Pedal Valve

#02326

Complete Cold
Stem Assembly



#44820
Pre-Rinse Hose
36" Length
1/4" IPS x 3/8" IPS



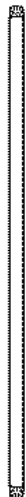
#83246
Pre-Rinse Hose
44" Length
Fits Multiple Brands



#02319
Fisher Pre-Rinse
Spray Valve

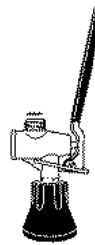


#80686
Fisher Pre-Rinse
Spray Valve



#58321
21" Riser

CHICAGO FAUCETS



#02318
CHICAGO FAUCET
PRE-RINSE SPRAY VALVE



#02321
CHICAGO FAUCET
STAINLESS STEEL HOSE
44" Length

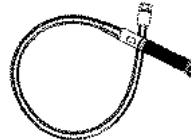
CHG



#58255
CHG PRE-RINSE
SPRAY VALVE



#58275
SELECT-A-SPRAY VALVE



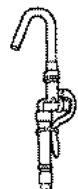
#40310016
44" PRE-RINSE HOSE WITH
ANTIMICROBIAL HANDLE

A Great Replacement For T&S !



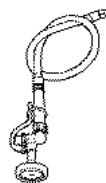
#02007
SPRAY VALVE

Well constructed and versatile spray head designed especially for heavy duty use in industrial kitchens. Provides a high pressure spray when handle is pressed down and shuts off when handle is released.



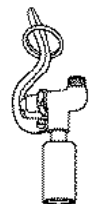
#02006
POT FILLER

Hook nozzle is supplied on this unit in place of the plain nozzle for use on large pots and steam kettles. A retaining ring keeps the valve handle in a compressed position when it is necessary to hook the nozzle on a pot or kettle. This provides a continuous flow of water to fill the container.



#02018
PRE-RINSE SPRAY WITH
FLEXIBLE STAINLESS STEEL HOSE

Designed for heavy duty use in industrial kitchens. Consists of automatic shut-off valve with spray head. Ordinarily furnished with a three foot polished flexible stainless steel hose and a 1/2" IPS male inlet. Any length hose supplied upon request.



#02317
FAN JET PRE-RINSE SPRAY
1.24 GPM

Fan jet/knife action spray valve can be used with any T&S pre-rinse assembly in place of # 2007 spray valve ordinarily furnished. Water conserving and energy savings spray effectively rinses dishes, trays, and similar items.



SPRAY VALVE



PRE-RINSE SPRAY VALVES

Built For Comfort to Reduce Fatigue



#58676 (B108C)
1.2 GPM - Water Saver

#58677 (B108)
1.48 GPM - Water Saver

#84786
Spray Face Repair Kit
Includes Spray Face and Washer

#83697
Spray Valve Repair Kit
Includes Spanner Bit, Plug Assembly, Silicone Grease, Valve Assembly and Spring

#85281
Jet Spray Valve Hose Adapter
Adapter allows jet spray valves to fit right onto the grey handle. Standard on T&S hoses.



#02190

RUBBER RING - For #02007 Valve



Old Style



New Style



STAINLESS STEEL HOSES

#02012 36" Length
#02013 44" Length (*Most Common*)
#02014 68" Length

Length includes grey handle.
Custom lengths available on request.

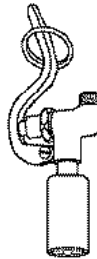


PRE-RINSE SPRAY VALVE

#02007



Well constructed and versatile spray head designed especially for heavy duty use in industrial kitchens. Provides a high pressure spray when handle is pressed down and shuts off when handle is released.

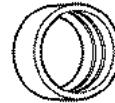


FAN JET KNIFE ACTION SPRAY VALVE

#02317 (B107C)

1.24 GPM

Can be used with any T&S pre-rinse assembly in place of **# 2007** spray valve ordinarily furnished. Water conserving and energy savings spray effectively rinses dishes, trays, and similar items.



BRUSH ATTACHMENT

#02017

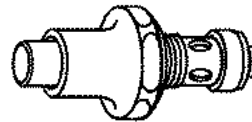


Most existing T & S Spray Assemblies or Pre-Rinse Units may be equipped with brush spray heads. All necessary parts are furnished to make a simple and easy changeover. Complete with instructions.

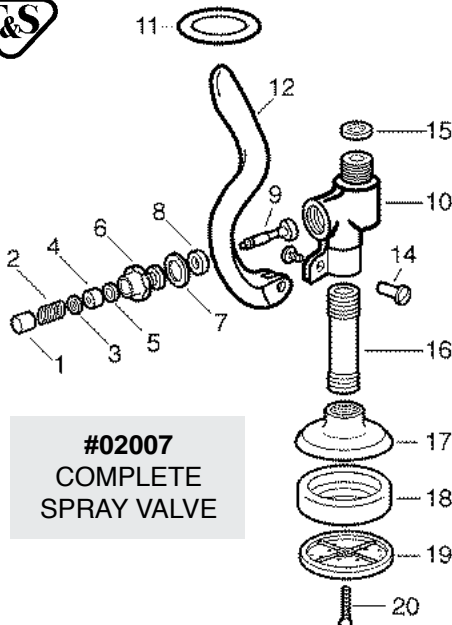


PLUNGER ASSEMBLY

#02009



For #02007 and #02317 valves



#02007
COMPLETE
SPRAY VALVE

#02010 REPAIR KIT

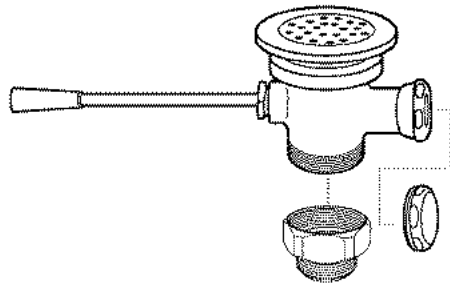
- | | |
|------------------|------------------|
| 1 Rubber Ring | 2 Bonnet Washers |
| 1 Seat Washer | 2 Packings |
| 1 Binding Washer | 1 Spring |
| | 2 Hose Washers |

1	#02247	Push Button	11	#02273	Hold-Down Ring
2	#02249	Bonnet Spring	12	#02268	Squeeze Valve Handle
3	#02240	Bonnet Washer	13	#02263	Handle Screw
4	#02241	Packing	14	#02277	Handle Nut
5	#02240	Bonnet Washer	15	#02278	Hose Washer
6	#02102	Bonnet	16	#02279	Short Nipple
7	#02248	Binding Washer	17	#02280	Spray Cup
8	#02264	Seat Washer	18	#02190	Rubber Ring (New Style)
9	#02267	Stem	19	#02191	Spray Face
10	#02262	Squeeze Valve Body	20	#02283	Spray Face Screw



LEVER HANDLE WASTE

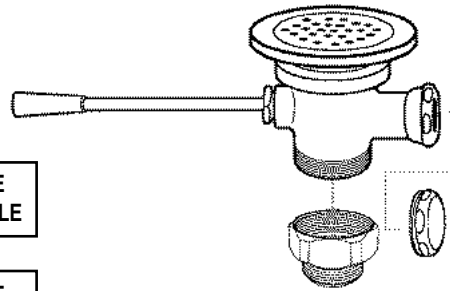
MULTI-OUTLET LEVER WASTES



#02390
3" Sink Opening
2" or 1-1/2" Outlet
With or Without Overflow

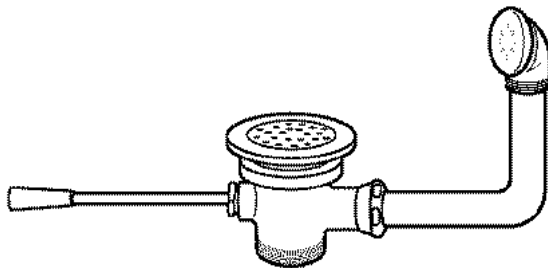
ALSO AVAILABLE
WITH TWIST HANDLE

ALSO AVAILABLE
WITH STRAIGHT 1-1/2"
OUTLET



#02395
3-1/2" Sink Opening
2" or 1-1/2" Outlet
With or Without Overflow

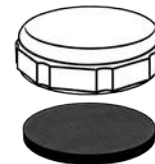
LEVER WASTE WITH OVERFLOW HEAD AND ELBOW



PART #	DRAIN	OPENING
#02236	1-1/2"	3"
#02237	1-1/2"	3-1/2"
#02238	2"	3"
#02239	2"	3-1/2"

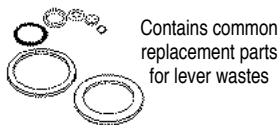
OVERFLOW CAP WITH SEALING WASHER

#59145



PARTS FOR LEVER HANDLE WASTES

#02250 REPAIR KIT



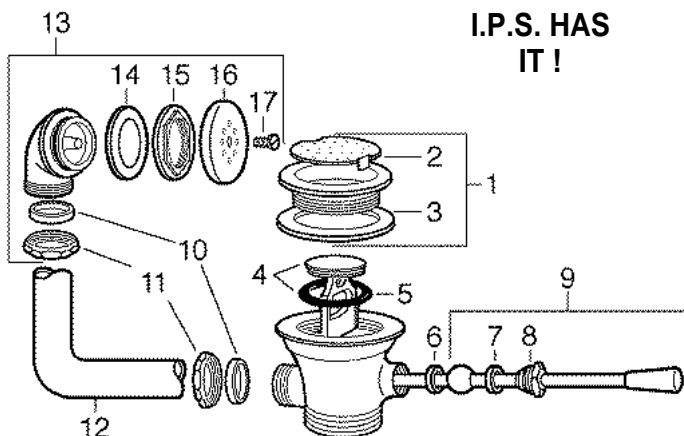
Contains common
replacement parts
for lever wastes

#02257 LEVER WASTE TOOL



- Use to install or remove wastes with 3" or 3-1/2" openings.
- Made of heavy duty stainless steel.

**I.P.S. HAS
IT!**

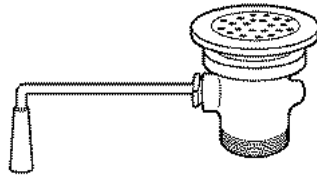


1	#02227	FLANGE ASSEMBLY 4-1/8" OD
	#02253	FLANGE ASSEMBLY 4-3/8" OD
2	#02119	FLAT STRAINER 3-1/8" DIAMETER
	#02091	FLAT STRAINER 3-7/16" DIAMETER
3	#02122	FLANGE WASHER - 3-1/2"
4	#02089	PLUNGER WITH O-RING
5	#02096	O-RING
6	#02125	BODY BUSHING
7	#02126	PACKING NUT BUSHING
8		PACKING NUT (No Longer Available)
9	#02123	LEVER ROD ASSEMBLY
10	#04903	COUPLING NUT WASHER
11	#04840	COUPLING NUT
12	#02100	OVERFLOW ELBOW
13	#02233	OVERFLOW HEAD ASSEMBLY
14	#02133	OVERFLOW WASHER
15	#02103	OVERFLOW FLANGED LOCKNUT
16	#02135	OVERFLOW STRAINER
17	#71362E	STRAINER MOUNTING SCREW



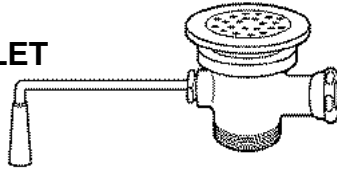
TWIST HANDLE WASTE

TWIST WASTE



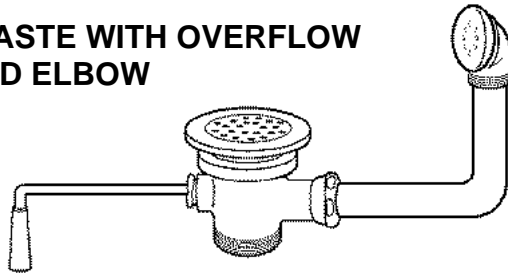
PART #	DRAIN	SINK OPENING
#02077	1-1/2"	3"
#02078	1-1/2"	3-1/2"
#02079	2"	3"
#02080	2"	3-1/2"

TWIST WASTE WITH 1-1/4" OVERFLOW OUTLET



PART #	DRAIN	SINK OPENING
#02081	1-1/2"	3"
#02082	1-1/2"	3-1/2"
#02083	2"	3"
#02084	2"	3-1/2"

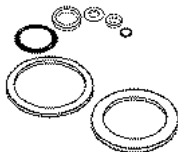
TWIST WASTE WITH OVERFLOW HEAD AND ELBOW



PART #	DRAIN	SINK OPENING
#02223	1-1/2"	3"
#02224	1-1/2"	3-1/2"
#02225	2"	3"
#02226	2"	3-1/2"

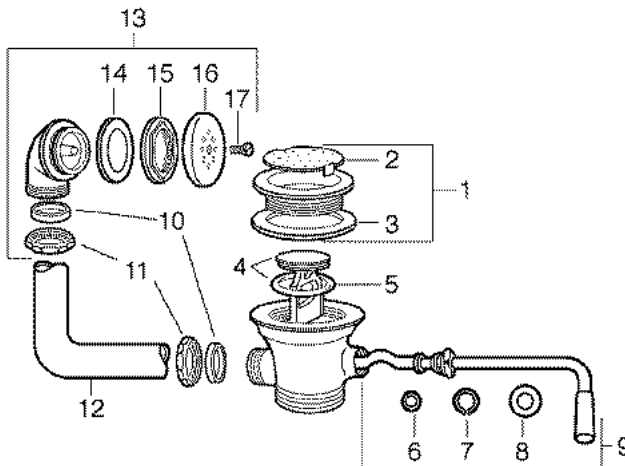
PARTS FOR TWIST HANDLE WASTES

REPAIR KITS



#02235
CONTAINS COMMON REPLACEMENT
PARTS FOR 3" TWIST WASTES

#02360
CONTAINS COMMON REPLACEMENT
PARTS FOR 3-1/2" TWIST WASTES



1	#02227	FLANGE ASSEMBLY 4-1/8" O. D.
	#02253	FLANGE ASSEMBLY 4-3/8" O. D.
2	#02119	FLAT STRAINER 3-1/8" DIAMETER
	#02091	FLAT STRAINER 3-7/16" DIAMETER
3	#02094	FLANGE WASHER
4	#02089	PLUNGER WITH O-RING
5	#02096	O-RING
6	#05128	O-RING
7	#55387	SNAP RING
8	#26579E	WASHER
9	#02095	TWIST HANDLE
10	#04903	COUPLING NUT WASHER
11	#04840	COUPLING NUT
12	#02100	OVERFLOW ELBOW
13	#02233	OVERFLOW HEAD ASSEMBLY
14	#02102	OVERFLOW WASHER
15	#02103	OVERFLOW FLANGED LOCKNUT
16	#02135	OVERFLOW STRAINER
17	#71326E	STRAINER MOUNTING SCREW

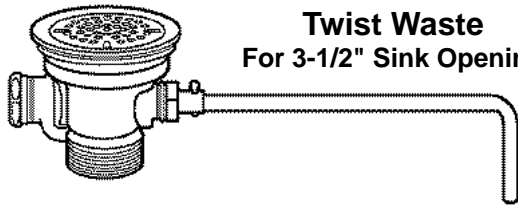


TWIST HANDLE REPAIR

FISHER

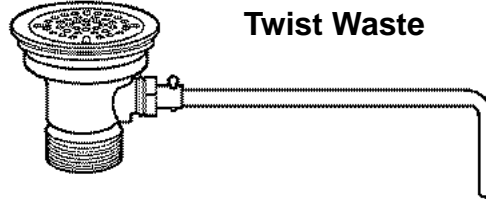
#84474

**Twist Waste
For 3-1/2" Sink Opening**



#SP10329

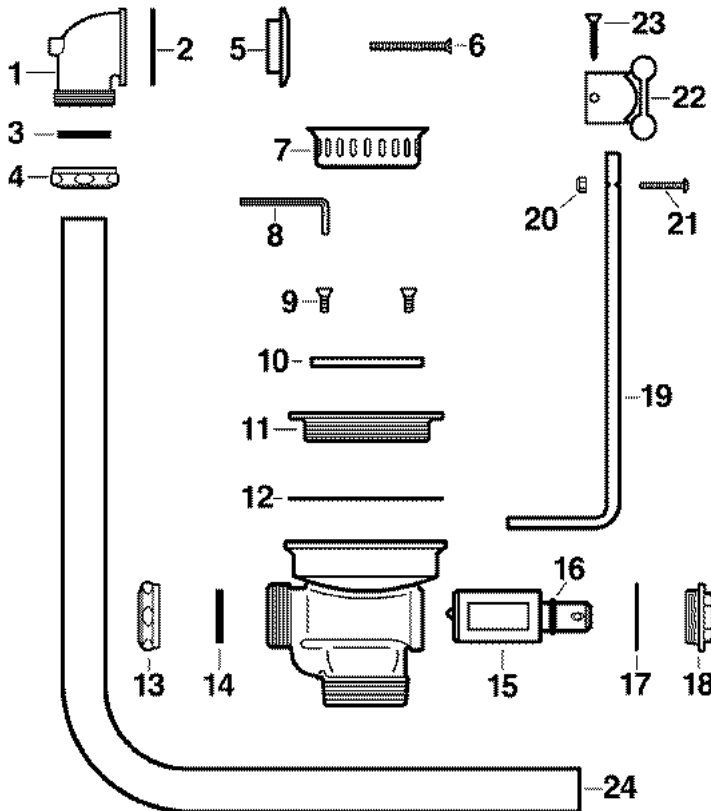
Twist Waste



#85851

**OVERFLOW ELBOW KIT
FOR WASTE VALVE**

Includes Items 1-6

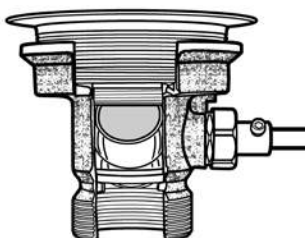


1	#85880	Elbow
2	#85881	Gasket
3	#04903	Slip Joint Washer
4	#04840	Slip Joint Nut
5	#85882	Strainer
6	#85882	Screw
7	#85852	Basket Strainer
8	#85857	Allen Wrench
9	#85856	Vandal Resistant Screws
10	#85854	Flat Strainer
10A	#85855	Vandal Resistant Strainer
11	#85858	Clamping Ring
11A	#85859	Vandal Resistant Clamping Ring
12	#54716	Gasket
13	#04840	Slip Joint Nut
13A	#04840	End Cap
14	#04903	Slip Joint Washer or End Cap Gasket
15	#02228	Rotor with O-Ring
16	#82426	O-Ring
17	#82425	Fiber Washer
18	#82427	End Cap
19	#85860	Lever Handle
20	#80518	Nut
21	#80519	Screw
22	#85861	Knob
23	#23768E	Screw
24	#85517	19" x 21" Overflow Tube
	#85879	16" x 14" Overflow Tube

FISHER DRAIN KING WASTE VALVE

The Drain King features a revolutionary design engineered to withstand the harsh conditions and chemicals found in today's food service operations.

#83598

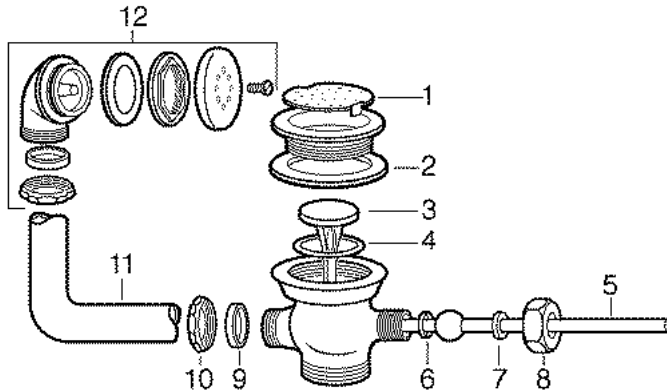


- Stainless Steel rotary ball - not a "pop-up."
- Dual Teflon® seals - double protection against corrosion & leaking.
- 2" NPT male and 1-1/2" NPT female outlet thread - no adapters are required.
- Rotary valve - shears off obstructions.

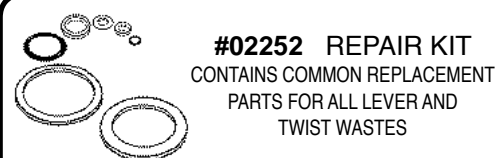


LEVER WASTE

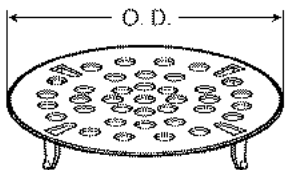
OLD STYLE FRANKLIN LEVER WASTE



1	#02144	FLAT STRAINER - 3-1/4"
2	#02122	FLANGE WASHER
3	#02142	PLUNGER ONLY
4	#02096	O-RING
5	#02148	LEVER ROD WITH BALL
6	#02151	BODY BUSHING
7	#02152	PACKING NUT BUSHING
8	#02150	PACKING NUT
9	#04903	COUPLING NUT WASHER
10	#04840	COUPLING NUT
11	#02100	OVERFLOW ELBOW
12	#02251	OVERFLOW HEAD ASSEMBLY



LEVER WASTE STRAINER



#02119	3-1/8" O.D.
#02144	3-1/4" O.D.
#02091	3-7/16" O.D.

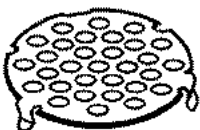
REDUCER #02256



- 2" NPS Female To 1-1/2" NPS Male
- Nickel Plated Brass

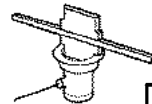
C.P. PRONG STRAINER

Fits American Standard Service Sinks



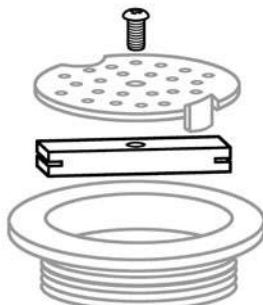
#44416	2-5/8"
--------	--------

LEVER WASTE TOOL #02257



- Use to install or Remove wastes With 3" or 3-1/2" openings
- Made of heavy duty Stainless steel

C.P. STRAINER LOCK



Prevents strainer from being removed, and stops food from clogging drain.

#53452	3-1/8" Long
#53453	2-3/4" Long

NON-ACID HOT WATER DRAIN OPENER #60802200



1 Lb.
Container

- Clears drains in minutes
- Will not damage sinks, tubs, brass, copper, steel, cast iron, plastic, or sewer cables !
- Totally destroys hair and grease !
- Does not produce offensive odors !

You've Never Seen Anything Like This!



KITCHEN SINK

BASKET STRAINER

#44129

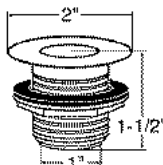


- C.P. Forged Brass
- 1-1/2" x 4" Tailpiece
- 3-1/2" Opening
- 4-1/2" Flange

HEAVY CAST DRAIN ASSEMBLY FOR BAR SINK - CHROME

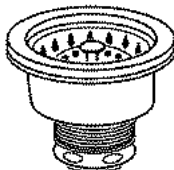
#44133

Includes Locknut
and Washer



STAINLESS STEEL BASKET STRAINER

#44130

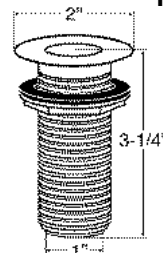


- 3-1/2" Opening
- 4-1/2" Top Flange

HEAVY CAST DRAIN ASSEMBLY FOR BAR SINK - CHROME

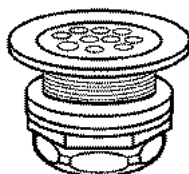
#44134

Includes Locknut
and Washer



BAR SINK DUPLEX STRAINER

#44131

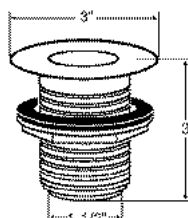


- 2-1/2" Opening
- 2-7/8" Top Flange

HEAVY CAST DRAIN ASSEMBLY FOR BAR SINK - CHROME

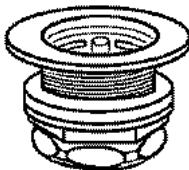
#44135

Includes Locknut
and Washer



WASH TRAY PLUG

#44132



- 2-1/2" Opening
- 2-7/8" Top Flange

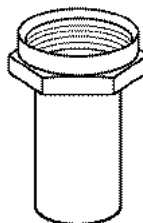
BRASS TAILPIECE ASSEMBLIES FOR BAR SINK DRAINS

#44136

- Fits 1" Drain
- 2" Height

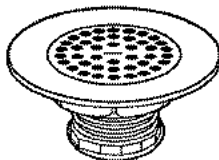
#44394

- Fits 1-1/2" Drain
- 4" Height



STAINLESS STEEL FLAT SINK STRAINER

#51792

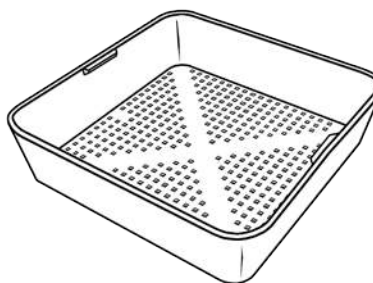


- 3-1/2" Opening
- 4-1/2" Flange
- Less Tailpiece

PLASTIC FLOOR DRAIN STRAINER *Removable Drop-In Type*

#SP12606

- 8-1/2" Square
- 2-1/2" Height

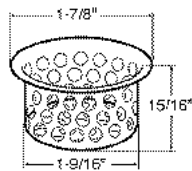


Many Other Sizes Available On Request

STAINLESS STEEL BASKET STRAINERS



#04595

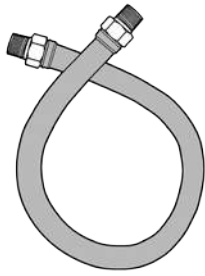


#04596



CAFETERIA & KITCHEN

DORMONT BLUE ANTIMICROBIAL GAS CONNECTOR



#83435	3/4" x 48"
#83436	3/4" x 72"
#83437	1" x 48"
#83438	1" x 72"
#83439	1-1/4" x 48"
#83440	1-1/4" x 72"

PARTS FOR VAPORPROOF LIGHTING FIXTURES

3-1/4" O.D. x 6-1/2" HIGH



#02202
Plastic Globe

#02204
Shatterproof Glass Globe



#02203
Glass Globe

#02205
Heat Tempered Glass Globe

WIRE GUARDS

For 100 Watt Light Fixtures

#02369

Other styles available. Call for assistance

QUICK DISCONNECT GAS FITTINGS



- Allows gas appliances to be disconnected from gas supply quickly and easily
- Quick disconnect automatically shuts off gas supply



#02208	3/4" NPT
#02209	1" NPT
#02210	1-1/4" NPT

SPECIALTY OVERFLOW TUBES

*Twin Seal Provide A Positive Seal.
White Plastic Tube*

#02200

For 1" Nps Drains
7" Height

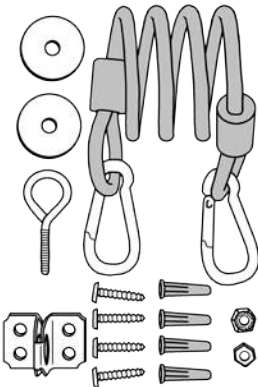
#02201

For 1-1/2" Nps Drains
10" Height



COILED APPLIANCE RESTRAINT LINE

COILED RESTRAINING CABLE WITH MOUNTING HARDWARE



#83425

For 12 and 24" connectors

#83426

For 36" connectors

#83427

For 48" connectors

#83428

For 60" and 72" connectors

OVERFLOW TUBES

#02215

Rubber seat. Fits 1" drain
Plastic - 7-1/2" length

#02218

Tapered seat.
Fits 1" drain
Brass -
7-1/2" length

#02216

Rubber seat. Fits 1" drain
Chrome plated -
7-1/2" length

#02219

Tapered seat.
Fits 1" drain
Chrome plated -
7-1/2" length

#02217

Rubber seat. Fits 1" drain
Chrome plated - 9" length



#02269

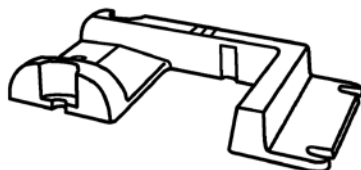
PVC seat. 1-1/2" NPS
Will only fit model E18-1822 stainless steel drain.
Brass nickel plated - 7-1/2" length

#02270

PVC seat. 1-1/2" NPS
Will only fit model E18-1822 stainless steel drain.
Brass nickel plated - 12" length



SAFETY FLOOR BRACKET SET



#83429

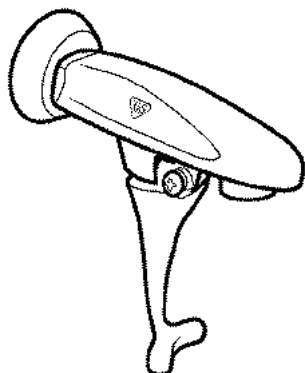
For commercial
kitchen equipment.
Appliance slides on and
locks wheels in place.



GLASS FILLERS



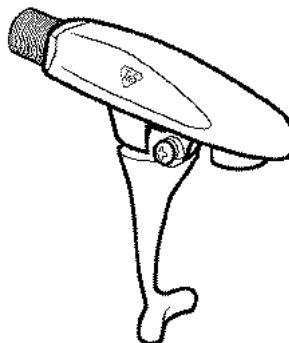
T & S PUSH BACK GLASS FILLER #02025



Heavy duty construction. Wall mounted, 3/8 IPS female inlet with adjustable flange. Volume regulator. Center of outlet to wall - 3-3/4". Translucent blue Lexan push back arm. Instantaneous shut off.



T & S PUSH BACK GLASS FILLER #02027

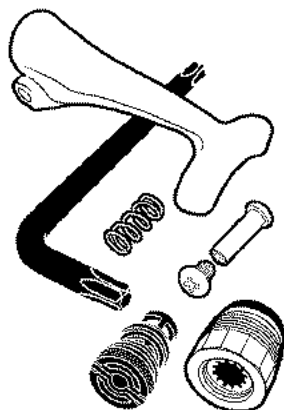


Heavy duty construction. Wall mounted, 3/8 IPS male inlet. Volume regulator. Center of outlet to inlet - 3-1/2". Translucent blue Lexan push back arm. Instantaneous shut off.

#02028

1/2" IPS male inlet

NEW STYLE T & S GLASS FILLER REPAIR KIT #82005



CONTAINS:

- 1 Springs
- 1 Handle Screw
- 1 Handle Nut
- 1 Lexan Lever Arm
- 1 Torx Tool
- 1 Adjustable Outlet
- 1 Valve Assembly

OLD STYLE T & S GLASS FILLER REPAIR KIT # 02032

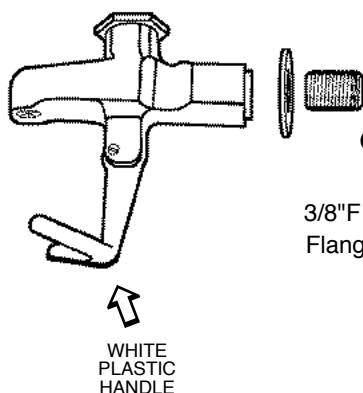


CONTAINS:

- 2 Springs
- 1 Handle Screw
- 1 Handle Nut
- 2 Brass Washers
- 2 Hex Cap Washers
- 2 Seat Washers
- 2 Packings
- 1 Lexan Lever Arm

**BLUE LEXAN ARM ONLY
46627**

FISHER



FISHER GLASS FILLER #02340

3/8"F with 3/8" Close Nipple, Flange, Locking Compound.

**#SP4840
REPAIR KIT**



WHITE
PLASTIC
HANDLE

**CHICAGO
FAUCETS**



DECK MOUNT GLASS FILLER #86105

- 1/2" Male Inlet with Deck Flange
- Adjustable Volume Control
- Coated Metal Handle with Lock Clip
- 8" High



FILTERS

#02344 (AP200) UNDER SINK FILTER



Includes mounting bracket. Eliminates tastes, odors, dirt, & rust. Space saving unit for confined areas provides clean, clear water.

SIZE	3/8" NPT
HEIGHT	8-13/16"
MAX DIA	4-7/8"
FLO RATE	2 GPM
CAPACITY	2000 GALLONS

Uses filter # 51797 and Gasket # SP4350

#02347 POINT OF USE WATER FILTER



Eliminates tastes, odors, dirt, and rust. Great for ice machines, coffee makers, and glass fillers.

SIZE	1/4" NPT
HEIGHT	8-3/8"
MAX DIA	2-1/4"
FLO RATE	.5 GPM
CAPACITY	1500 GALLONS

#057621 POINT OF USE FILTER



Sanitary quick-change triple action filter eliminates taste, odor, scale, dirt and rust. Great for drinking and cooking water, ice cubes, and all food applications.

SIZE	3/8" NPT
HEIGHT	11-1/16"
MAX DIA	3-3/8"
FLO RATE	2 GPM
CAPACITY	2000 GALLONS

Uses filter # 57622

#44968 IN-LINE FILTER WITH GAC AND PHOSPHATE FOR SCALE REDUCTION



Perfect for ice makers as well as refrigerators, drinking fountains, coffee and tea brewers, motor homes and campers.

SIZE	1/4" FNPT
HEIGHT	10"
O.D.	2"
MEDIA	GAC

WHOLE HOUSE SEDIMENT WATER FILTER



#53226

- 3/4" NPT
- 8 GPM
- Install on cold water line only
- Built-in pressure relief button
- Cartridge included
- Clear housing

Uses filter # 55668

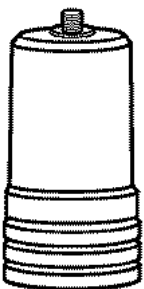
WATER FILTER CARTRIDGE



#59868 (AP124)
Sediment 50 Micron

#55668 (AP110)
Sediment 5 Micron
(Common)

WATER FILTER CARTRIDGE



#51797 (AP217)
Taste, Odor, Sediment

#51797PR (AP217)
Taste, Odor, Sediment
Package of two

Used with # 2344 (AP200)

WATER FILTER CARTRIDGE 2 Per Pack



#59869PR (AP117)
Taste & Odor



WASTE DISPOSERS

COMMERCIAL FOOD WASTE DISPOSER SYSTEMS

FEATURES

- Uniform throat opening of 6-5/8"
- Stainless steel grind chamber
- Dual-direction shredding elements
- Heavy cast iron stationary and rotary shredders
- Double tapered timken roller bearings
- Emerson's durable heavy duty motor



In-Sink-Erator® is the recognized leader in disposer quality and

reliability. That means you can expect superior performance, quiet operation, maximum energy efficiency and long service life.



Persons Per Meal	Soiled Dish Table	Vegetable Prep Area	Salad Prep Area	Pot Sink	Meat & Seafood Prep Area
Up to 100	SS-75	SS-50	-	-	-
100-150	SS-100	SS-75	SS-50	SS-50	-
150-175	SS-125	SS-100	SS-75	SS-50	SS-150
175-200	SS-150	SS-150	SS-75	SS-75	SS-150
200-300	SS-200	SS-150	SS-75	SS-75	SS-300
300-750	SS-300	SS-150	SS-75	SS-75	SS-300
750-1500	SS-500	SS-300	SS-150	SS-150	SS-500
1500-2500	(2) SS-500	SS-300	SS-150	SS-150	SS-500

Call I.P.S. for Assistance

COMMERCIAL HOT WATER DISPENSERS

Instant Hot Water Dispensers



In-Sink-Erator® hot water systems reduce serving time, require no expensive pipe runs, and are easy to install. They provide 190° F near-boiling water instantly. Prepare up to 100 cups of hot water per hour for tea, coffee, soups, sauces, and more. Perfect for speeding up service in restaurants, school cafeterias, coffee shops, convenience stores, and kiosks.



#SP5292 (H-778)

Features a compact heating tank which fits neatly under a sink. With its 1/2 gallon capacity, long spout, and elevated faucet, filling large containers is easy.



#SP10973 (GN-1100)

Has a single lever to dispense near-boiling water with just a touch. Available in a brilliant chrome finish.

Invite Series



#SP2660 (H-770-SS)

Easy-to-twist handle dispenses near boiling water effortlessly. Large 2/3 gallon stainless steel tank provides up to 60 cups of 190° water per hour.

Point-of-Use- Ultra Systems



#SP1354 (UWL)

Instantly provides 110° water for washing hands or general clean-up purposes. Perfect for on-site or service station cleanup. Available in 1300 watt and 750 watt power levels.



WASTE DISPOSERS

FOOD WASTE DISPOSER SYSTEMS Evolution Pro Series™



The new Evolution PRO Series disposers introduce new technologies, **MultiGrind™** and **SoundSeal™**, that address the two most common requests we've heard over the years: improved grinding ability, and reduced noise. The Evolution PRO Series is, quite simply, the best-grinding, quietest line of disposers InSinkErator has ever made.

MULTI-GRIND™ - More advanced than anything else on the market today. Allows you to dispose of virtually any food waste, including corncobs, rib bones, celery, potato peels, and other problem foods.

SOUNDSEAL™ - Advanced insulation and anti-vibration components make the Evolution Pro Series 40% quieter than standard disposers. SoundSeal Plus™ is 60% quieter than standard disposers.



**Evolution Pro Excel
#55012**



**Evolution Pro Essential
#85959**



**Evolution Pro Cover Control
#85960**



**Badger 5XP
#85961**



**Badger 5
#57721**

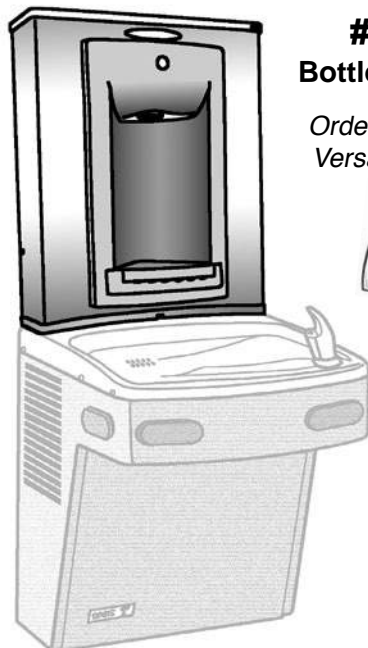
MultiGrind	Three Grind Stages	Two Grind Stages	Two Grind Stages	No	No
SoundSeal	At least 60% quieter than standard disposers	At least 40% quieter than standard disposers	At least 60% quieter than standard disposers	No	No
Capacity	40 oz. grind chamber	40 oz. grind chamber	40 oz. grind chamber	32 oz. grind chamber	32 oz. grind chamber
Activation	Wall switch	Wall switch	Covered, Batch Feed	Wall switch	Wall switch
Horsepower	1.0 H.P. Motor	3/4 H.P. Motor	3/4 H.P. Motor	3/4 H.P. Motor	1/2 H.P. Motor
Stainless Steel Grind Chamber	Yes	Yes	Yes	No	No
Stainless Steel Grind Components	Yes	Yes	Yes	No	No
Auto Reverse Grind System	Yes	Yes	Yes	No	No
PRO SERIES EXCLUSIVES					
Antimicrobial Quiet Collar Sink Baffle	Yes	Yes	Yes	No	No
SilverSaver Stopper	Yes	Yes	Yes	No	No
Warranty	10 Year In-Home	8 Year In-Home	9 Year In-Home	3 Year In-Home	1 Year In-Home



NEW!

OASIS

VERSAFILLER BOTTLE FILLER RETROFIT KIT



#03575 Bottle Filler Only

Order with #37656
VersaFiller Tool Kit



**Push
Button
Activated!**



#03576 Complete Unit: Bottle Filler & Drinking Fountain

#03576SS
As above, but all
Stainless Steel

Less Working Parts Than the Competition!

When retrofitted to either the P8AC or P8AM, the PWSBF Bottle Filler has independent manual activation. VersaFiller alcove and activation button contain Freshield, which utilizes a silver-based anti-microbial compound that reduces the growth of micro-organisms and mildew to protect the surfaces from discoloration, odors and degradation. VersaFiller cabinet finish is Brushed Stainless Steel.

Features

- Accommodates most sizes of refillable water bottles
- Manual Activation
- Retrofits P8AC and P8AM drinking fountains
- Brushed Stainless Steel Finish on Bottle Filler
- Antimicrobial
- Water Cooler has Sandstone Finish - Optional Stainless Steel Finish, order **#3576SS**
- Heavy Duty Steel Frame
- VersaFiller has Independent Mechanical Activation

Finishes

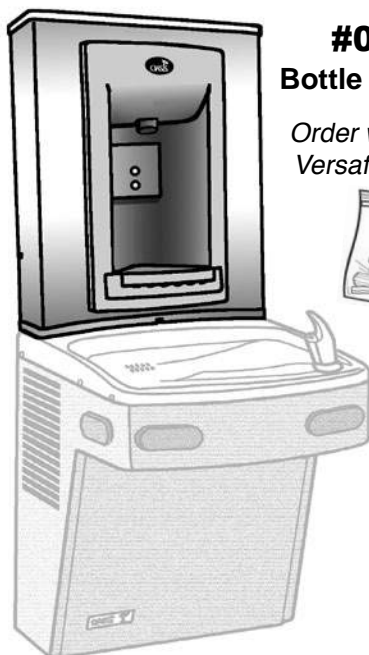
- VersaFiller Cabinet Finish is Brushed Stainless Steel

Limited 5-Year Warranty (Continental limits of the United States and Canada): Five years on the sealed refrigeration system and most component parts. Detailed warranty certificate enclosed with each water cooler; sample available upon request.

**Ask About
Integral
Filtration
Systems!**



HANDS FREE VERSAFILLER BOTTLE FILLER



#03535
Bottle Filler Only

Order with **#37656**
VersaFiller Tool Kit



#03542
Complete Unit:
Bottle Filler &
Drinking Fountain

New hands-free bottle filling technology

is economical, eco-friendly and easy to install on existing water coolers. Ideal for schools, campuses, gymnasiums, hospitals and public facilities. The OASIS VersaFiller Bottle Filler quickly and easily turns just about any water cooler into an eco-friendly bottle filler, while still delivering refreshing water from the fountain.

Features

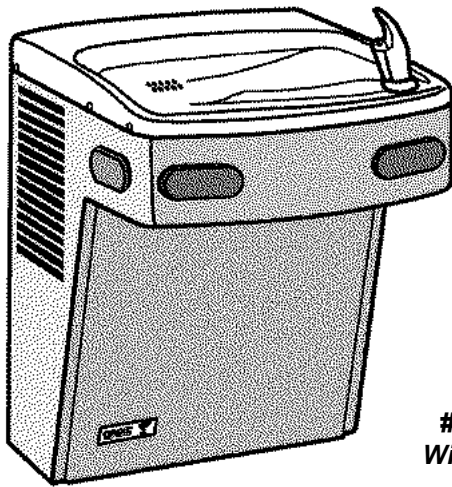
- Preset sensor detects all types of bottles and containers
- Waterproof Stainless Steel Sensor
- Counts the number of bottles filled
- Filter life indicator
- Automatic shut-off after 30 seconds of activation
- Large filling alcove, accommodates refillable bottles of almost any size
- Superior water and energy efficiency
- Retrofits easily to existing standard water coolers
- Heavy-duty galvanized steel frame bolts directly to the wall
- Freshshield® antimicrobial alcove resists mildew, discoloration, odors and degradation
- Brushed stainless steel cabinet
- Available as a complete top and bottom unit
- ADA-compliant
- Lead-free components
- NSF/ANSI certified

**The VersaFiller
easily retrofits
most OASIS, Sunroc,
Haws, and Elkay
drinking fountains**

DRINKING FOUNTAIN



A.D.A. WHEELCHAIR WATER COOLER



America's Favorite Water Cooler!

Best Quality • Best Performance • Best Price
Repair friendly! Easy to fix, stress-free unit!

#03530 (P8AC)
*Powdered Coated
Sandstone Finish*

#03530SS (P8AC-SS)
With All Stainless Panels

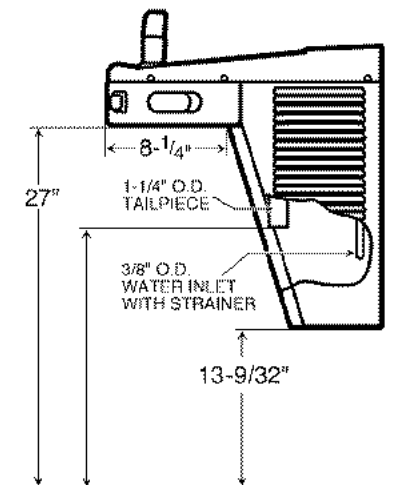
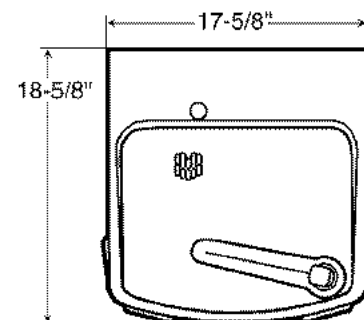
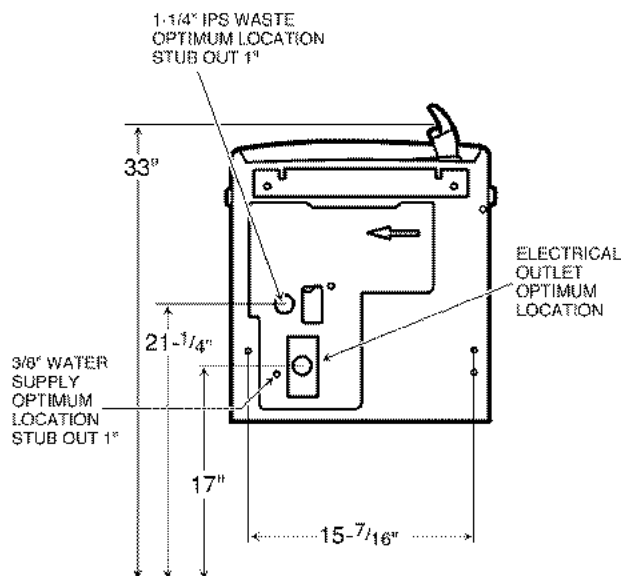
#58215
*Retrofit Wall Bracket
Adapts P8AC to P8AM*

**Ask About Integral
Filtration Systems!**

- Delivers 8.0 gallons of chilled drinking water per hour.
- Built-in 100 micron strainer stops particles before they enter the waterway
- Waterways are lead-free in materials and construction
- Stainless Steel Top
- Flexible Bubbler Guard
- Four Push Pad Activation
- ADA Compliant for both adult or child when properly installed
- Limited 5-year warranty

This unit can be installed to replace most wall mounted Elkay, Sunroc, Halsey Taylor, Westinghouse or G.E. water coolers. The innovative open backed design accommodates a variety of plumbing connections and features removable side panels for easy access.

Recommended adult barrier-free height installation shown. Reduce height by 3 inches for installations used primarily by children ages 12 and younger. Unit shall also have a minimum clear floor space 30" by 48". Adjust vertical dimensions as required to comply with federal, state, and local codes.

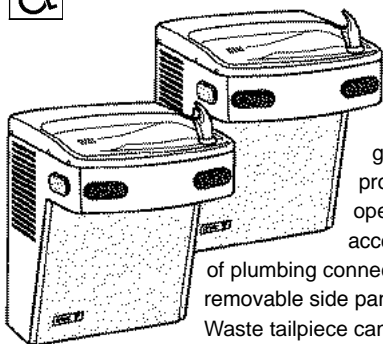


DRINKING FOUNTAIN



#03523 (P8ACSL)

SPLIT LEVEL BARRIER-FREE VERSACOOLER



Delivers 8 gallons per hour. Reversible. Lower unit can be on the right or left. Complies with ADA guidelines when installed properly. The innovative open backed design accommodates a variety of plumbing connections and features removable side panels for easy access. Waste tailpiece can be cut at job site to accommodate trap waste height connection. Standard cabinet finish: Sandstone. Optional Finishes Available.

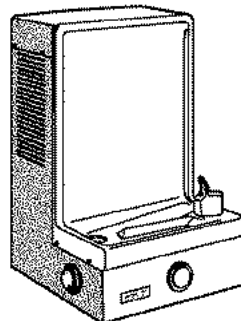
Order **#03523SS** For Stainless Steel



#54445 (PLF8SKTP)

BARRIER-FREE A.D.A. VERSACOOLER

Call For Dimensions

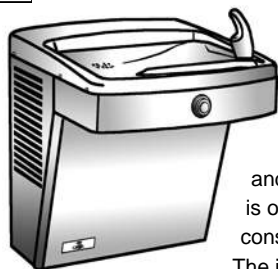


Delivers 8 gallons of chilled drinking water per hour. Stainless steel top. Three push buttons. High-efficiency cooling tank and coil. Complies with ADA requirements when installed properly. Removable panels provide easy access for installation. Standard cabinet finish: Sandstone. Optional Finishes Available.



#57005 (PV8AC)

BARRIER-FREE VERSACOOLER



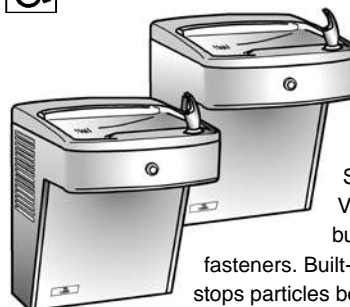
Delivers 8.0 gallons of chilled water per hour. The waterways are lead-free in materials and construction. The basin is designed to eliminate splashing and standing water. Bubbler is of one piece stainless steel construction, and is vandal resistant. The innovative open backed design accommodates a variety of plumbing

connections and features removable side panels for easy access. Shipped with complete instructions and wall mounting bracket. Standard cabinet finish: Brushed Stainless Steel.



#59561 (PV8ACSL)

VANDAL RESISTANT BARRIER-FREE SPLIT LEVEL VERSACOOLER



Delivers 8.0 gallons of chilled drinking water per hour. The bubbler is constructed of one-piece stainless steel.

One piece Vandal Resistant Stainless Steel bubbler. Vandal Resistant front push button. Vandal Resistant

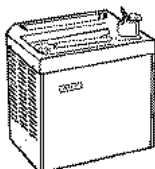
fasteners. Built-in 100 micron strainer which stops particles before they enter the waterway. Removable side and front panels provides easy access for installation. Waste tailpiece can be cut at job site to accommodate trap waste height connection. Shipped with complete instructions and wall mounting bracket. Standard cabinet finish: Brushed Stainless Steel.



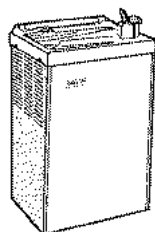
ON-THE-WALL WATER COOLERS

Dial-A-Drink Bubbler, Stainless Steel Top Welded, Heavy-Gauge Steel frame. Removable panels provide easy access for installation. Standard cabinet finish: Sandstone Vinyl-on-Steel. Optional Finishes Available. Accessories: Glass Fillers: Push handle, Push back or Push down

#SP201 (PLF3CM)
COMPACT ON-THE-WALL
3 Gallons Per Hour



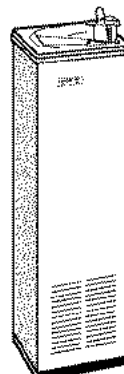
#53095 (P8M)
ON-THE-WALL
8 gallons per hour



FREE-STANDING WATER COOLERS

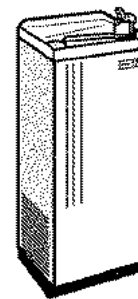
#53096 (P3CP)
FREE-STANDING

Dial-A-Drink Bubbler delivers 3 gallons of chilled water per hour.

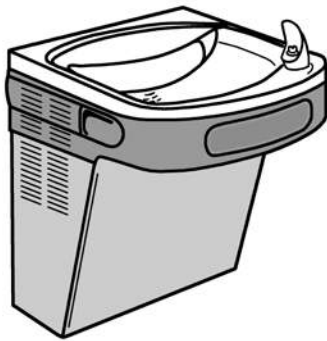


#53010 (PLF8FA)
**AGAINST-A-WALL OR
FREE-STANDING**

Delivers 8 gallons of chilled water per hour.



DRINKING FOUNTAIN



#03557 (Ezs8) A.D.A BARRIER FREE WATER COOLER WALL MOUNT

Textured Grey Finish

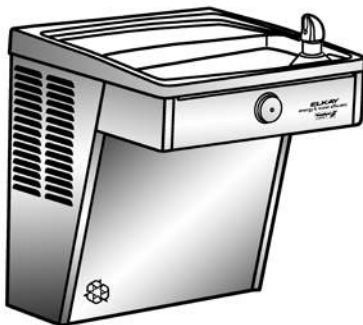
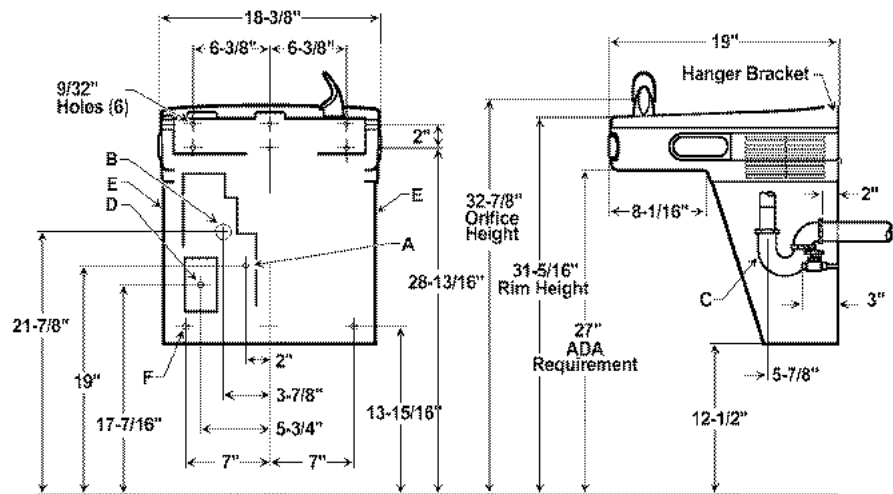
ELKAY®



#03557SS (Ezs8S)

As above with Stainless Steel Finish

Self-contained, wall hung electric refrigerated water cooler. Chilling capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient. Self-closing Easy-Touch Controls on front, right, and left sides. Hooded stream projector with Easy-Touch Controls that require less than 3 pounds of force to activate. Valve with built-in flow regulator provide constant stream from 20 to 105 psi, water pressure. Bubbler orifice fully protected to meet all sanitary codes. Non-pressurized stainless steel cooling tank is standard.



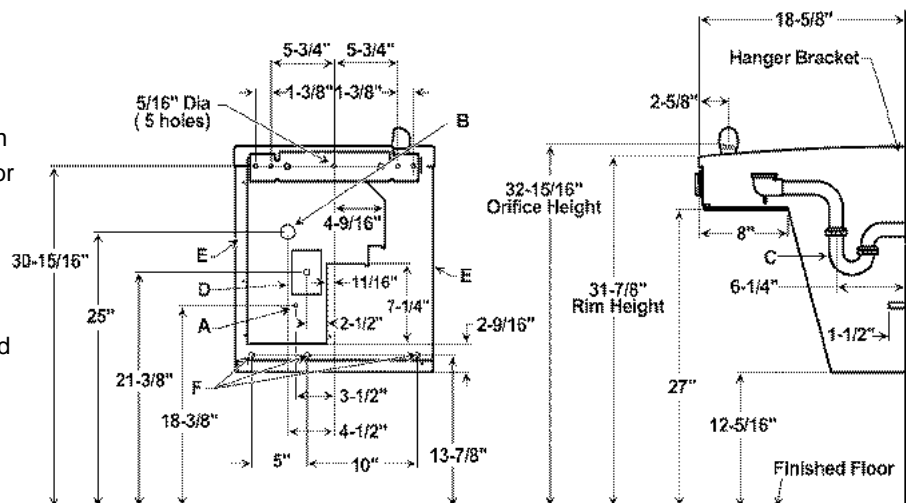
#03570 (VRCGRN8) GREENSPEC LISTED HIGH EFFICIENCY WALL MOUNT VANDAL RESISTANT BARRIER FREE WATER COOLER

Stainless Steel Finish

ELKAY®



GreenSpec® Listed, energy and water efficient model. Self contained, wall hung electric, refrigerated water cooler. Vandal resistant unit for use in high demand locations. Flow regulator provides constant stream from 20 to 105 psi water pressure. Rated for indoor and outdoor use. Non-pressurized cooling tank is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when push button is pressed.



BOTTLE FILLERS



#83462 (LZWSRK)

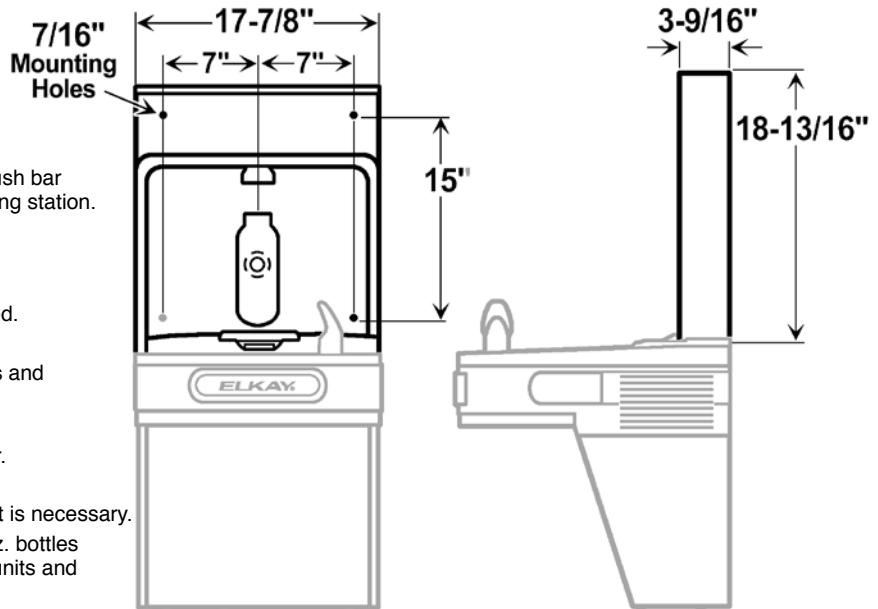
RETRO KIT BOTTLE FILLING STATION

Also available in Stainless Steel

ELKAY®



- Retro Kit attaches to most 115V/60Hz EZ push bar activated water coolers to create a bottle filling station.
- Light grey finish
- Sanitary, no-touch, sensor activation with automatic 30-second shut-off timer.
- WaterSentry® Plus 3000 gallon filter included.
- Silver Ion anti-microbial protection.
- Quick fill rate is 1.1 gpm for refrigerated units and 1.5 gpm for non-refrigerated units.
- Laminar flow provides minimal splash.
- Real drain system eliminates standing water.
- Visual user interface display includes:
 - Filter Monitor indicating when replacement is necessary.
 - Green Ticker counting the quantity of 16oz. bottles saved from the landfill for nonrefrigerated units and 12 oz. bottles for refrigerated units.



#03585 (LZS8WSLK)

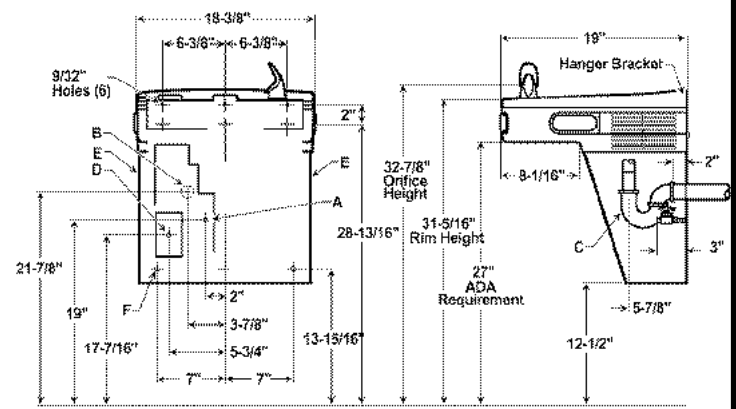
WATER COOLER WITH BOTTLE FILLING STATION

Also available in Stainless Steel

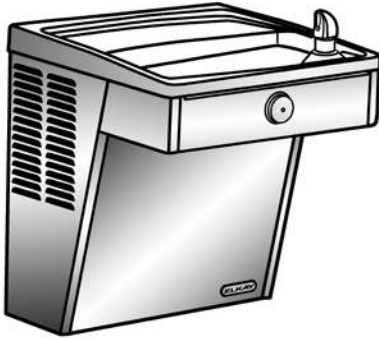
ELKAY®



- Complete filtered cooler and bottle filling station in a consolidated space saving ADA compliant design
- Sanitary, no-touch, sensor activation with automatic 30-second shut-off timer
- WaterSentry® Plus 3000 gallon filter included
- Flexi-Guard® StreamSaver™ Bubbler
- Silver Ion anti-microbial protection
- Quick fill rate is 1.1 gpm for refrigerated units and 1.5 gpm for non-refrigerated units
- Real drain system eliminates standing water
- Visual user interface display includes:
 - Filter Monitor indicating when replacement is necessary.
 - Green Ticker counting the quantity of 16oz. bottles saved from the landfill for nonrefrigerated units and 12 oz. bottles for refrigerated units.



DRINKING FOUNTAIN



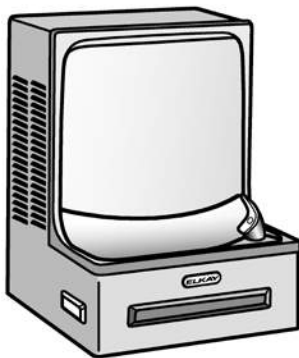
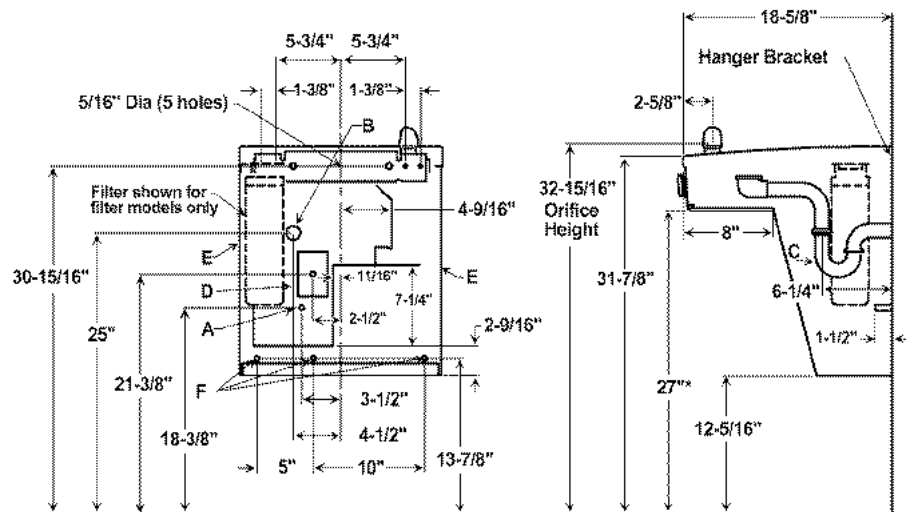
Self-contained, wall hung electric refrigerated, water cooler. Vandal-resistant unit for use in high demand locations. Rated for indoor or outdoor use. Stainless steel construction provides vandal-resistant enclosure. Optional perforated stainless steel louver screening prevents objects from being inserted into cooler. Flow regulator provides constant stream from 20 to 105 psi water pressure. Heavy duty push button control is vandal-resistant. Non-pressurized cooling tank is standard.

ELKAY®

#03572 (VRC8S)

VANDAL RESISTANT WATER COOLER WALL MOUNT - BARRIER FREE

Stainless Steel Finish



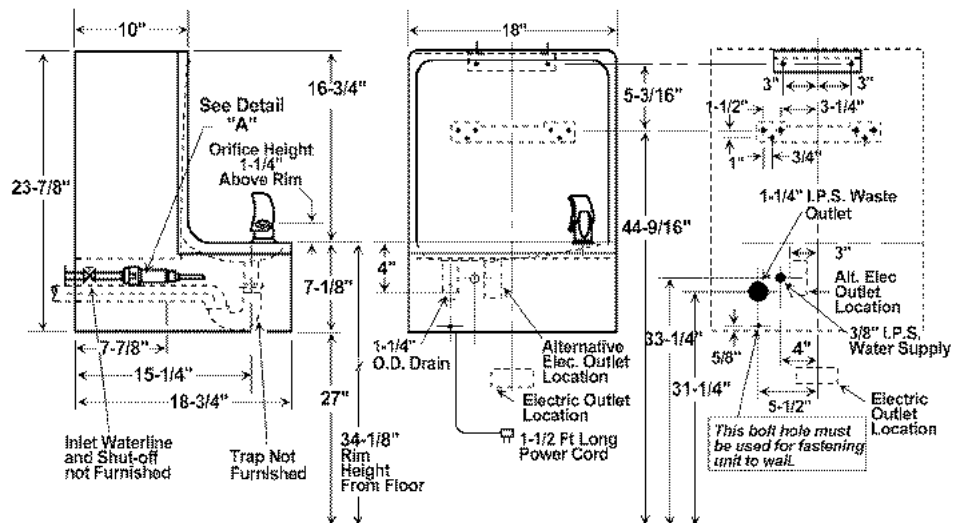
Self-contained, wall hung, electric refrigerated water cooler. Capacity, 7.6 GPH of 50°F drinking water, based upon 80°F inlet water and 90°F ambient. Model has a hooded stream projector with self closing push bars on front, right, and left sides. Built-In flow regulator from 20 to 105 psi. Bubbler stream fully protected to meet all sanitary codes. Non-pressurized tank system is standard.

ELKAY®

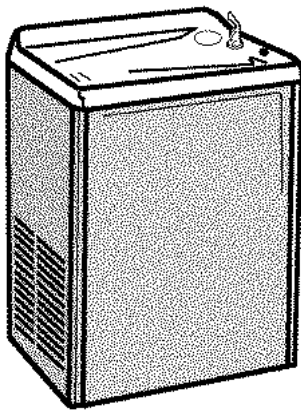
#57338 (EHFSA8L)

WALL MOUNT BARRIER FREE WATER COOLER

Light Grey Granite Vinyl Finish



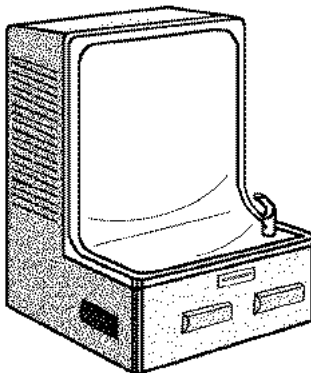
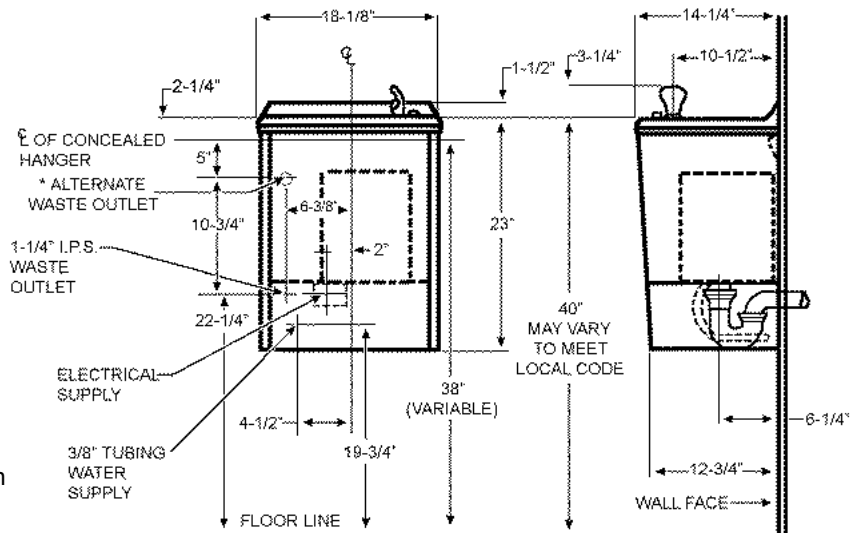
DRINKING FOUNTAIN



 Halsey Taylor

#58130 (SW8A-Q) COMPACT WALL-MOUNTED COOLER

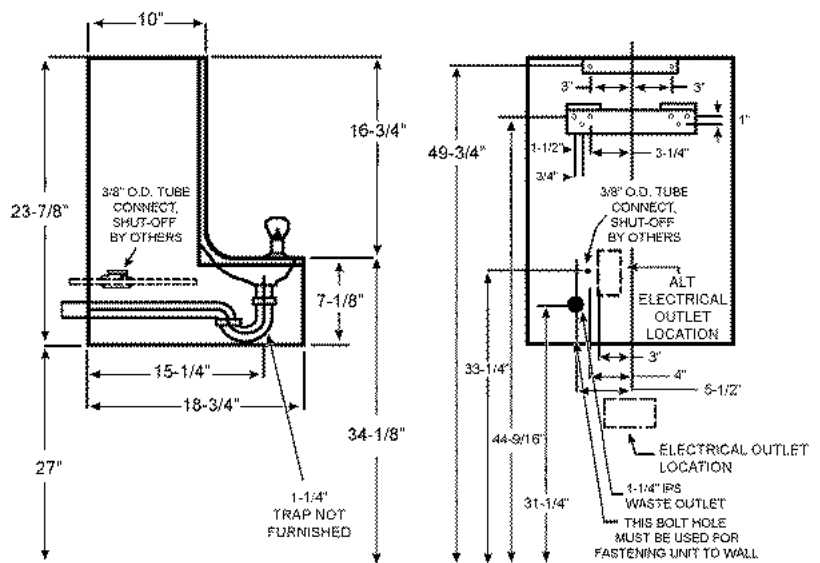
- Delivers (8) GPH of 50° F water at 90° F ambient and 80° F inlet water.
- Self-contained, electric refrigerated, wall mounted water cooler designed to be easily accessible to able-bodied individuals
- Self closing, vandal-resistant push button does not require grasping or twisting.



 Halsey Taylor

#58125 (WC8AFS-Q) BARRIER-FREE COOLER

- Delivers (8) GPH of 50° F water at 90° F ambient and 80° F inlet water.
- Self-contained, electric refrigerated, wall mounted water cooler designed to be easily accessible to physically challenged individuals
- Self closing light-touch push bars with raised letters for the visually impaired.



NOTE: A service supply stop must be installed at the cooler inlet tube.
*ADA Requirement



DRINKING FOUNTAIN



WATER CHILLERS

Standard features of all water chillers

- Waterways are lead-free in materials and construction
- High efficiency stainless steel cooling tank
- Made of heavy-gauge steel
- Refrigerant r-134a



#57676 (R1P)

- Delivers 0.8 gallon of chilled drinking water per hour
- Ideal for under-sink or remote installations
- Waterways are all stainless steel



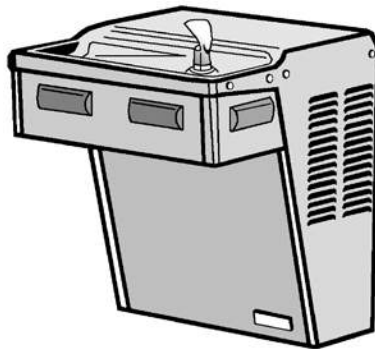
#56103 (R5)

- Delivers 5.0 gallons of chilled drinking water per hour, respectively
- Easy to install, and may be used to serve multiple drinking fountains



#SP3119 (R8) 8 gal. #03524 (R12) 12 gal.

- Delivers 8.0 or 12.0 gallons of chilled drinking water per hour, respectively
- Designed for remote or in-a-wall installation
- Shelf support, wall mounting cradle and stainless steel ventilating grille at extra cost

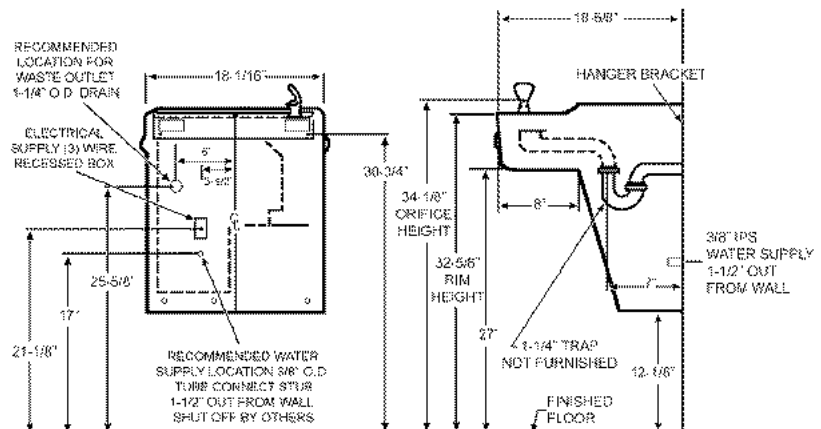


#59629 (HAC8FS-Q) BARRIER-FREE COOLER Platinum Finish

#58120

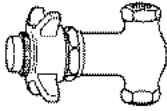
As above with Stainless Steel Panels

- Delivers (8) GPH of 50° F water at 90° F ambient and 80° F inlet water.
- Self-contained, electric refrigerated, wall mounted water cooler designed to be easily accessible to physically challenged individuals. When properly installed, unit meets state and federal requirements as defined by the Americans with Disabilities Act.
- Self-closing light-touch push bars on front and side with raised letters for the visually impaired.

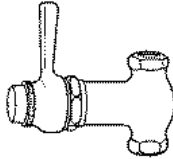


DRINKING FOUNTAIN REPAIR

THOUSANDS OF OTHER PARTS AND UNITS IN STOCK.
CALL US WITH YOUR REQUIREMENTS!



#55547
3/8 IPS Female

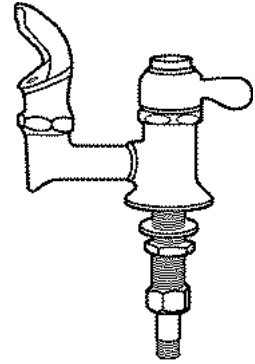


#52620
3/8 IPS Female

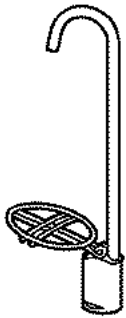


#52621
1/2 IPS Female

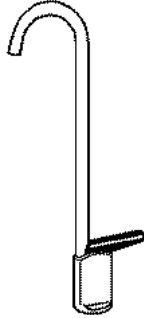
**NO LONGER
AVAILABLE**
USE #05668



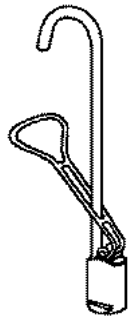
#05675
Drinking Fountain



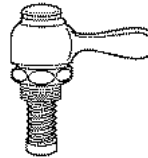
#59036
Push Down
Glass Filler
3/8 IPS



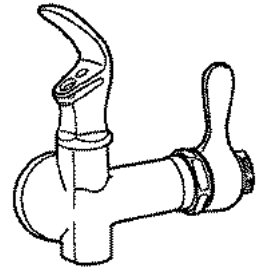
#SP381
Push Handle
Glass Filler
3/8 IPS



#51878
Push Back
Glass Filler
3/8 IPS

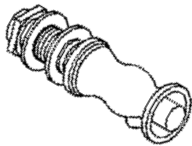


#05668
Fits Halsey Taylor
& Central

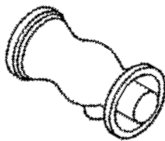


#05676
Drinking Fountain

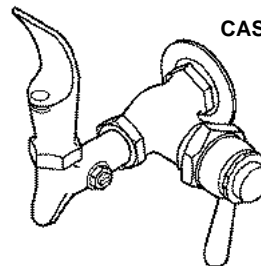
Central Brass DRINKING FOUNTAINS & PARTS



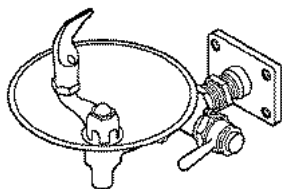
#55019 (0425)
**CAST BRASS PUSH BUTTON
GRAVITY FAUCET**
3/8-18 NPS Male



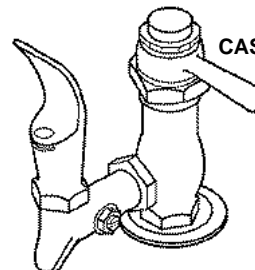
#83448 (0426)
**CAST BRASS PUSH BUTTON
GRAVITY FAUCET**
3/8-18 NPS Female



#83449 (0366-L)
CAST BRASS DRINKING FAUCET
• 3/8-18 NPS female threads
• Self-closing lever handle
• Replaceable seat



#83450 (0366-HX)
**CAST BRASS WALL MOUNTED
DRINKING FOUNTAIN**
• Brass brush finish
• Round bowl
• 3/8-18 NPS female threads
with wall bracket
• Self-closing lever handle
• Replaceable seat
• PVD polished chrome finish

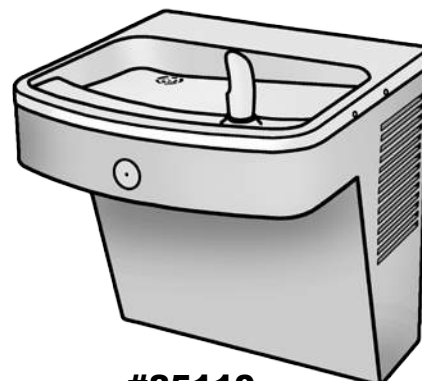
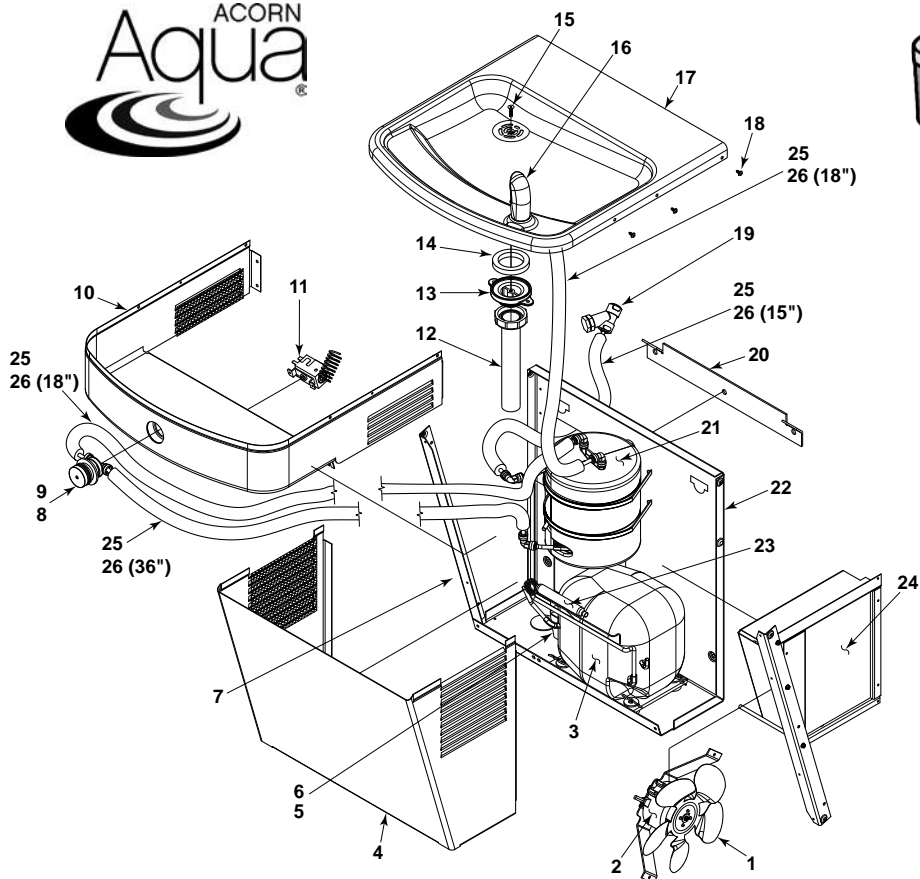


#57894 (0365-L)
CAST BRASS DRINKING FAUCET
• 3/8-18 NPS female threads
with wall bracket
• Self-closing lever handle
• Replaceable seat



DRINKING FOUNTAINS & PARTS

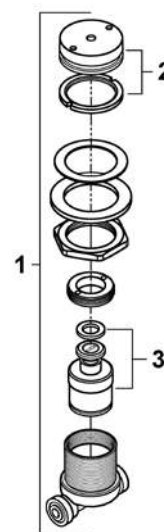
Stainless Steel, Enhanced Vandal Resistance Refrigerated AquaAccess Barrier Free, Wall Mounted Water Cooler



#85110
Stainless Steel
Wall Mount
Water Cooler

#85111
Granite Wall Mount
Water Cooler

AquaAccess Water Cooler Cartridge Valve Parts Breakdown



1	#85113	Fan Blade
2	#85114	Fan Motor
	#85115	Fan Motor – 220V
3	#85117	Compressor
	#85118	Compressor – 220V
4	#85119	Lower Cabinet - Granite
	#85120	VR Stainless Steel Lower Cabinet
5	#85121	Start Relay
	#85122	Start Relay – 220V
6	#85124	Start Capacitor
	#85125	Start Capacitor – 220V
7	#85126	Support Strut
8	#85127	Recessed Push Button Valve Assy.
9	#85150	Valve Cartridge With Foam Washer
10	#85129	VR Stainless Steel Apron Assy.
	#85130	VR Granite Apron Assembly
11	#85131	Cold Control

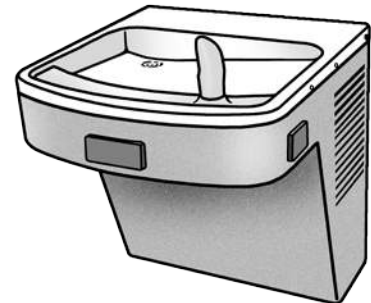
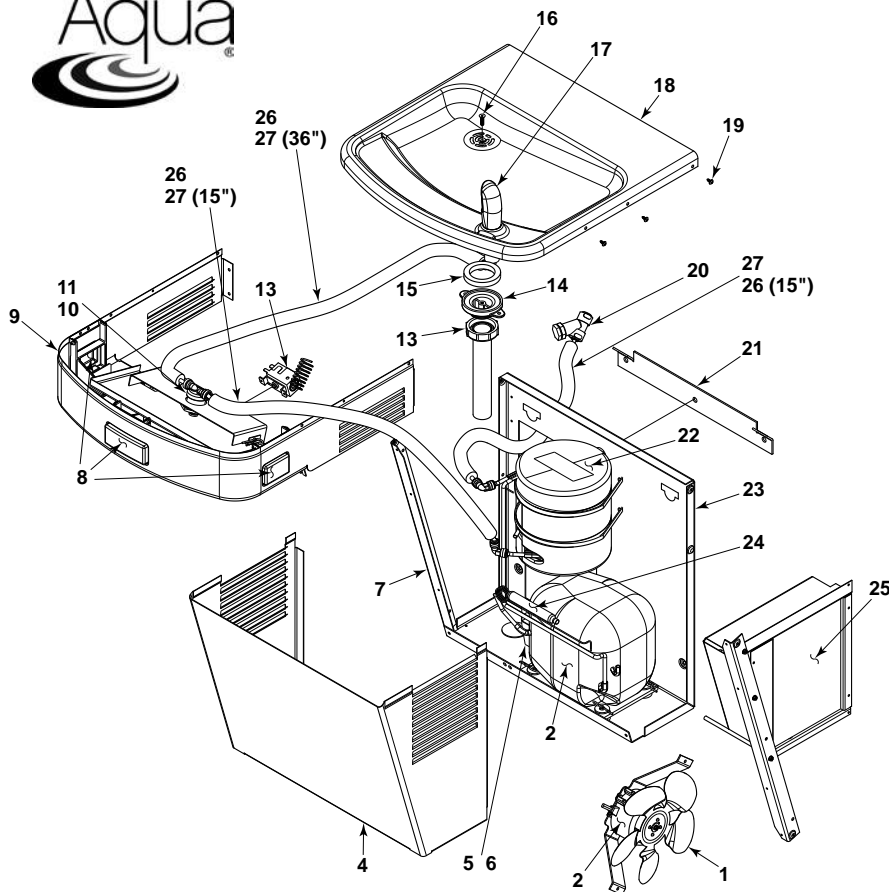
12	#85132	Waste Tailpiece Assembly
13	#85133	Drain Adapter
14	#85134	Flat Drain Adapter Gasket
15	#85135	Allen Flat Head Screw
16	#85136	"B" Brass Bubbler Assembly
17	#85137	AquaAccess Basin Top
18	#85138	Allen Pan Head Screw
19	#85139	"Y" Strainer
20	#85140	Hanger Bracket
21	#85141	Evaporator Assembly
22	#85142	Back Panel
23	#85143	Filter / Dryer
24	#85144	Condenser
25	#85146	1/4" O.D. LLDPE Tubing, Blue
26	#85147	Foam Pipe Insulation 3/8" I.D. x 1/4" thick

1	#85127	Recessed Push Button Valve Assembly
2	#85149	Retaining Ring & Button Assembly
3	#85150	Valve Cartridge with Foam Washer



DRINKING FOUNTAINS & PARTS

AquaAccess Barrier Free, Wall Mounted Water Cooler



#85151
Powder Coated
Wall Mount
Water Cooler

#85152
Stainless Steel
Wall Mount
Water Cooler

1	#85113	Fan Blade
2	#85114	Fan Motor
	#85115	Fan Motor – 220V
3	#85117	Compressor
	#85118	Compressor – 220V
4	#85119	Lower Cabinet - Granite
	#85155	Lower Cabinet - "2" Dark Bronze
	#85156	Lower Cabinet - "3" Gold
	#85157	Lower Cabinet - "4" Stainless Steel
5	#85121	Start Relay
	#85122	Start Relay – 220V
6	#85124	Start Capacitor
	#85125	Start Capacitor – 220V
7	#85126	Support Strut
8	#85158	Gray Push Button Replacement Kit
9	#85159	Apron Assembly – Granite
	#85160	Apron Assembly - "2" Dark Bronze
	#85161	Apron Assembly - "3" Gold
	#85162	Apron Assembly - "4" Stainless Steel
10	#85163	Valve Assembly

11	#85164	Valve Cartridge
12	#85131	Cold Control
13	#85132	Waste Tailpiece Assembly
14	#85133	Drain Adapter
15	#85134	Flat Drain Adapter Gasket
16	#85135	Allen Flat Head Screw
17	#85165	Standard Flexible Gray Bubbler Assembly
	#85136	"B" Option Brass Bubbler Assembly
18	#85137	AquaAccess Basin Top
19	#85138	Allen Pan Head Screw
20	#85139	"Y" Strainer
21	#85140	Hanger Bracket
22	#85141	Evaporator Assembly
23	#85142	Back Panel
24	#85143	Filter / Dryer
25	#85144	Condenser
26	#85146	1/4" O.D. LLDPE Tubing, Blue
27	#85147	Foam Pipe Insulation 3/8" I.D. x 1/4" thick

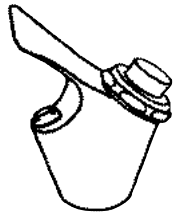


DRINKING FOUNTAIN REPAIR

I.P.S. SUPPLIES ALL MAJOR BRANDS OF PARTS. FOR ASSISTANCE, PLEASE SUPPLY MODEL NUMBER & SERIAL NUMBER.

Thousands Of Parts In Stock!

Am. Standard • Bradley • Central • Cordley
Crane • Ebco • Elkay • Haws • Halsey Taylor
Kohler • Murdoch • Oasis • Sunroc • Western



UNIVERSAL

#05606

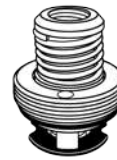
Bubbler Valve

**NO
LEAD!**

05606FLEX

As above,
with flex-guard

Central Brass



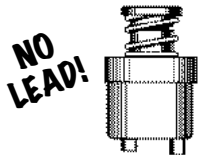
**BUBBLER CARTRIDGE
REPAIR KIT**

#51393



**VALVE CARTRIDGE
WITH FOAM WASHER**

#85150



**NO
LEAD!**

UNIVERSAL

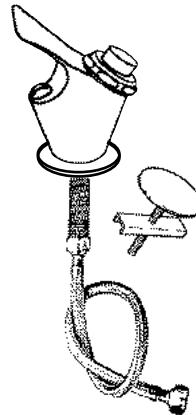
#05605

Stainless steel cartridge fits Elkay,
Halsey Taylor, Cordley Hayes, Haws,
Temprite, and Westinghouse Bubblers.



**OASIS OEM
FOUNTAIN CARTRIDGE**

#57997



RETRO BUBBLER UNIT

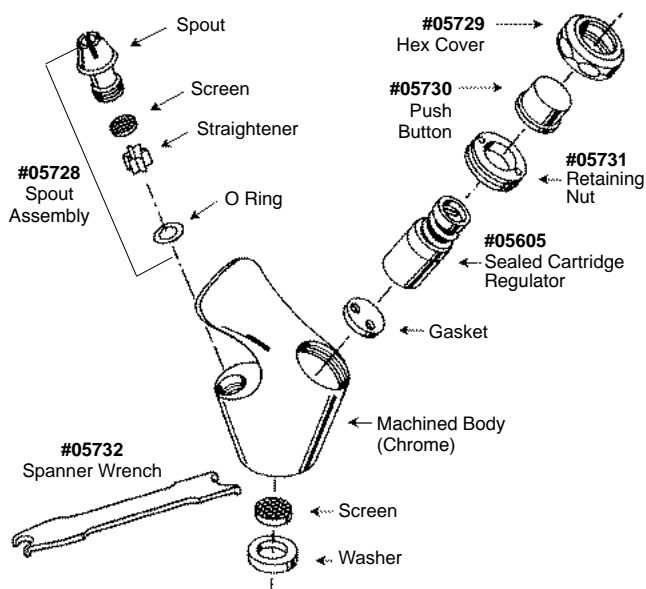
#05726

Converts old style handle
fountains to simple push button
bubbler. Includes all parts.

NO LEAD!

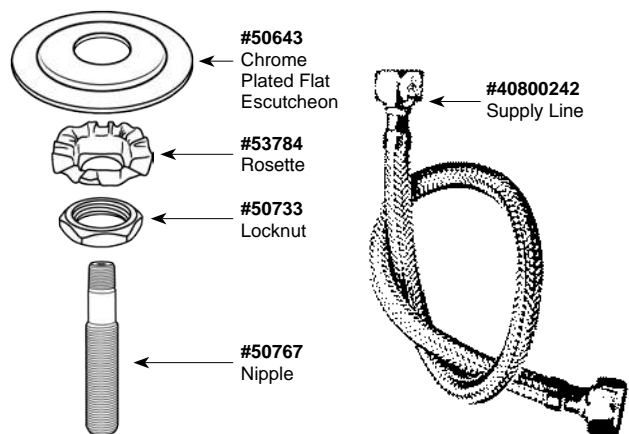
SIMPLIFY SERVICE
REDUCE STOCK
CUT COSTS I.P.S. HAS IT!

#05606 BUBBLER BREAKDOWN

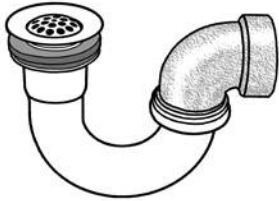


RETRO BUBBLER MOUNTING KIT

#05726MT



ELKAY FOUNTAIN PARTS



#59851

Drain Assembly for Fountain
Used on models ER, ERH and HRF



#50743

Water Bubbler
Chrome With Guard



#50744

Lock Nut

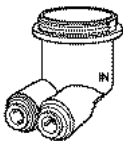


#56005

Plastic Cartridge w/Green Spring

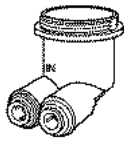
#56005R

Plastic Cartridge w/Red Spring



#54531

Fountain Regulator Holder
Uses nut #54961 ↴



#50895

Fountain Regulator Holder
Uses nut #5731 ↴



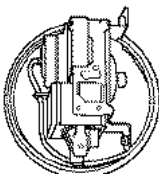
#54961

Nut for Regulator Holder
Coarse and Fine Thread



#05731

Nut for Regulator Holder
Fine Thread



COLD CONTROL

#56037

Fits The Following Models:

- HTV Series
- EHFA8*1F
- EHFA8R*1F
- EHFA8*3FJO
- CORDLEY
 - Wall Hung
 - Floor
 - Wheelchair Level with Press Bar.

- S300-5EQ-1J
- S1000-10EQ-1J
- S300-2EQ-1J
- EZ & LZ Barrier-Free
- EZTL
- LZTL
- ELKAY 8 & 13 GPM Wall Hung

#40700080

PUSH BAR SPRING

Fits HTV Series Barrier-Free Water Coolers



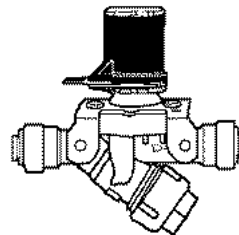
#56010

FOUNTAIN IN-LINE STRAINER

1/4 x 3/8



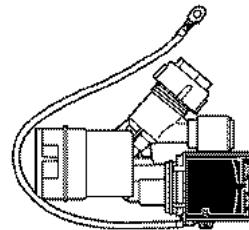
SOLENOID



#05901

Fits the Following Models:

- HTV Series
- EZTL
- LZTL
- EZ & LZ Barrier-Free



#80923

New Style - without cartridge

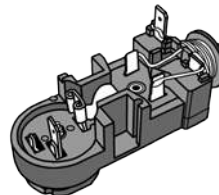
#84663

With cartridge



#82678

Plastic Fountain
Cartridge for Solenoid



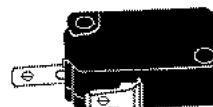
#05910

Thermal Relay

ELECTRICAL SWITCH

#40700081

Fits the Following Models:



- HTV Series
- EZTL
- LZTL
- EZ & LZ Barrier-Free

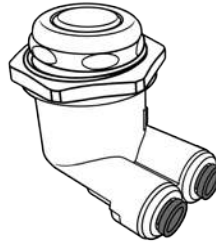


ELKAY FOUNTAIN PARTS

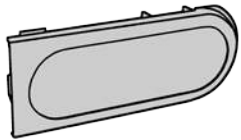
ELKAY®



#SP9353
Fountain
Tailpiece Gasket



#83743
Fountain Push Button
Assembly



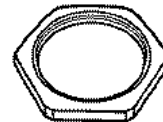
#81331
Side Push Bar
Grey



#85344
Green Spring Fountain
Regulator Kit
For cooler with push bar



#05966
Elkay Front Push Bar
Used on models EZ and EZF



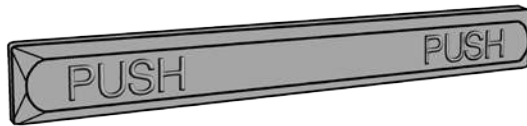
#56024
Chrome Hex Nut For
Regulator Housing



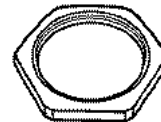
#SP9352
Fountain Strainer
And Ferrule



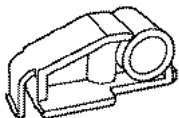
#85345
Red Spring Fountain
Regulator Kit
For cooler with
push button



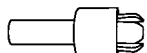
#56055
Fountain Front Push Bar
- Grey



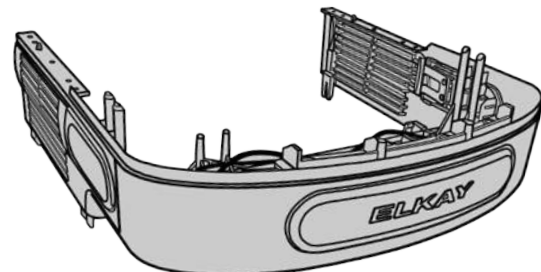
#56024
Chrome Hex Nut For
Regulator Housing



#56021
Fountain Block Pivot



#56023
Plastic Fountain
Pivot Drive Pin



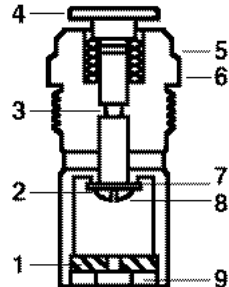
#05976
Upper Shroud With
Front And Side Push Bars



DRINKING FOUNTAIN REPAIR



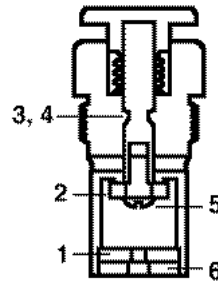
#50972 PUSH BUTTON ASSEMBLY # 2



ITEM	PART#	DESCRIPTION
1	#40700057	Sleeve washer
2	#40700058	Retaining cup
3	#40700059	O-ring
4	#40700061	Push button stem
5	#40700063	Valve sleeve
6	#40700064	Gasket
7	#40700065	Seat washer
8	#40700066	Seat washer screw
9	#40700067	Sleeve seat washer



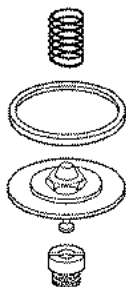
PUSH BUTTON ASSEMBLY # 3



**UNIT NO LONGER AVAILABLE
REPLACED BY #50834
SEE PAGE 242**

ITEM	PART#	DESCRIPTION
1	#40700057	Sleeve washer
2	#40700058	Retaining cup
3	#40700059	O-ring
4	#40700073	Push button stem
5	#40700066	Seat washer screw
6	#40700067	Sleeve seat washer

**#50835
Repair Kit**



#05655
Regulator Diaphragm Kit

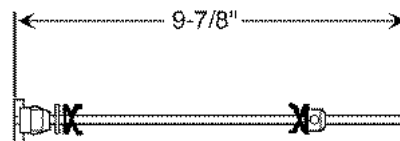


#05683
C.P. Brass Projector

#05734
C.P. Plastic Projector



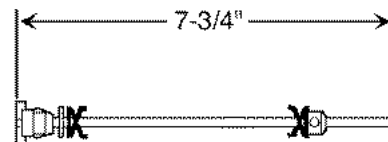
PUSH BUTTON STEM ASSEMBLY #1



#53919
Complete Assembly



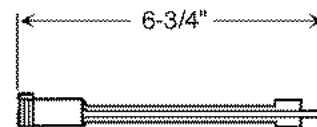
PUSH BUTTON STEM ASSEMBLY #2



#56001
Complete Assembly



PUSH BUTTON STEM ASSEMBLY #4

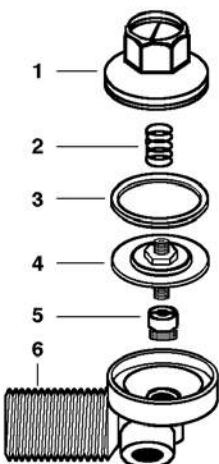


#54002
Complete Assembly



DRINKING FOUNTAIN REPAIR

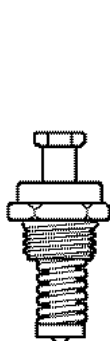
VALVE ASSEMBLY



ITEM	PART#	DESCRIPTION
1	-	Front Cap Assembly
2	-	Spring
3	-	Thrust Ring
4	-	Diaphragm Assembly
5	-	Regulator Bushing
6	-	Left or Right Hand Valve Body
1-6	#40700115	Complete Left Hand Body Assembly
1-6	#40700116	Complete Right Hand Body Assembly

#05655
REPAIR KIT
Contains Items
2, 3, 4, & 5

VALVE STEM ASSEMBLY

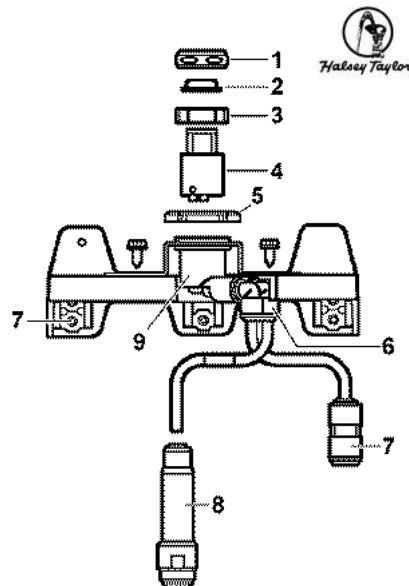


ITEM	DESCRIPTION
1	Bushing
2	Seal Cap
3	Large O-Ring
4	Small O-Ring
5	Washer
6	Valve Spring
7	Valve Stem Assembly

#05656
STEM REPAIR KIT
Contains 4, 5, 6 Plus Seat Washer Screw,
Seat Washer, Brass Seat, Spring,
Locknut, And Gasket.

#SP544
COMPLETE STEM ASSEMBLY

HALSEY TAYLOR MODEL BFC CONVERSION ASSEMBLY #50834

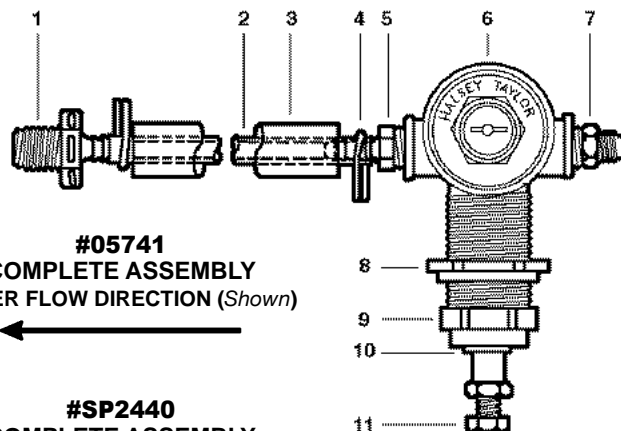


1	#05729	Nut Cover
2	#05730	Button
3	#54961	Nut for Regulator Holder
4	#05605	No-Lead Fountain Cartridge
5	#54289	Nut - Hex
6	#53060	Elbow 1/4" x 1/4"
7	#53061	Waterline Union 3/8" x 1/4"
8	#56010	In-Line Strainer
9	#54531	Regulator Holder

UNIVERSAL COLD WATER LINE

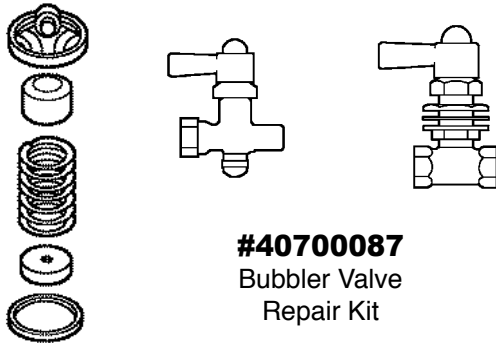
ITEM	PART#	DESCRIPTION
1	#05767	Projector Nipple
2	-	Tube (21")
3	-	Armaflex (21")
4	-	Hose Clamp
5	-	Hose Coupling
6	-	Valve Body Assembly
7	-	Male Connector
8	-	Valve Nut
9	#SP544	Stem Assembly
10	-	Washer
11	-	Screw

#05656
REPAIR KIT FOR STEM ASSEMBLY



DRINKING FOUNTAIN REPAIR

HAWS MODEL 5800 (OBSOLETE) & 5850 (OBSOLETE) VALVE



#40700087
Bubbler Valve
Repair Kit

Available parts include only what is shown.

HAWS 5703M BUBBLER HEAD



#40700089

Lead free, chrome plated, with .4GPM flow control spud and compression elbow. Assembly includes locknut and washers.

HAWS PUSH BUTTONS



#40700090
Used on
front sculpted
bowl series

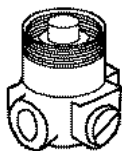


#40700091
Used on fountains
with recessed
push buttons



#40700092
Used on fountains
with a wall thickness
of more than 5/8" thick

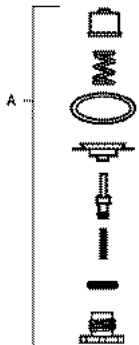
HAWS VALVE



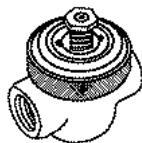
#40700093
Repair kit A



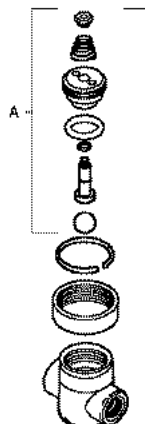
#40700094
Push Button
Valve



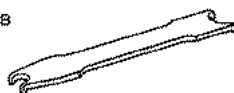
HAWS



#40700095
Repair kit A

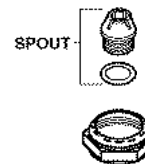


#40700096
Repair kit B

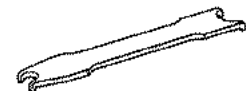
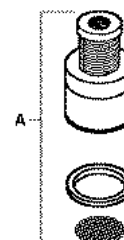


#05732
Wrench for retainer
nut removal

HAWS BUBBLER VALVE MODEL 5010



#40700098
Repair kit A, includes
cartridge assembly,
washer and screen

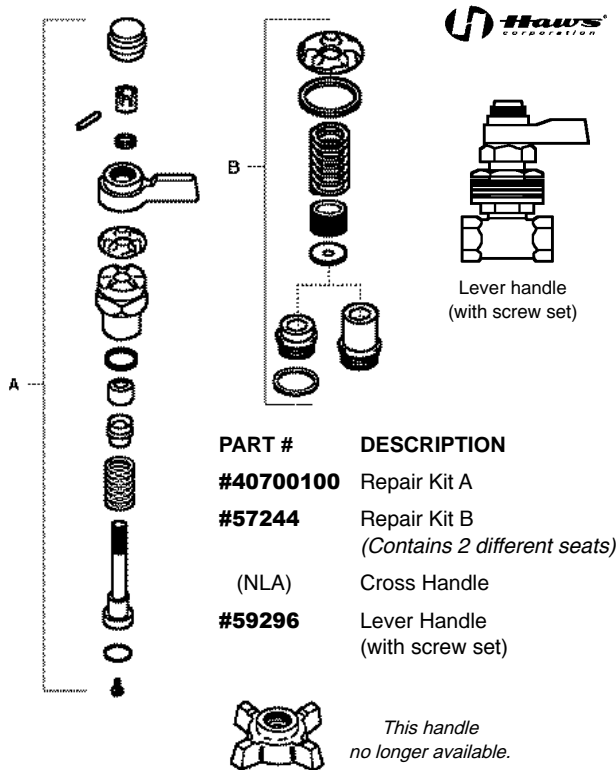


#05732
Wrench for retainer
nut removal

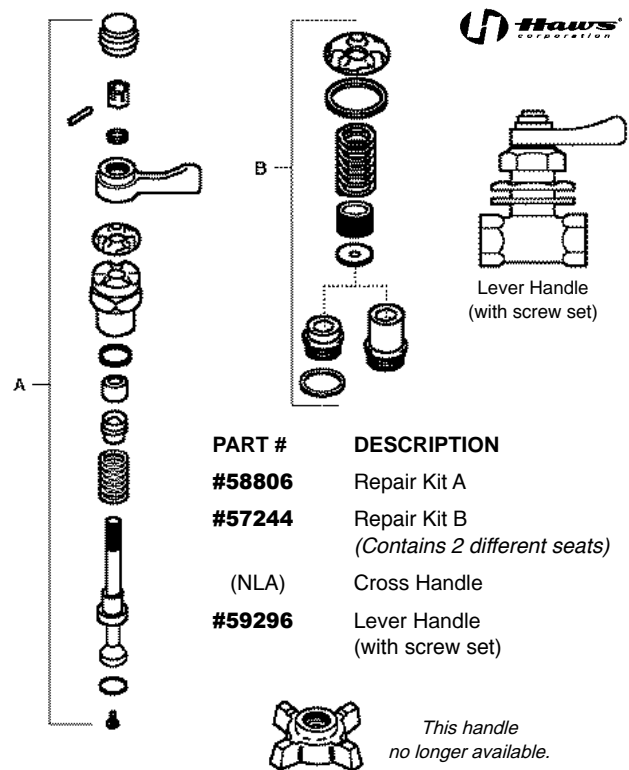


DRINKING FOUNTAIN REPAIR

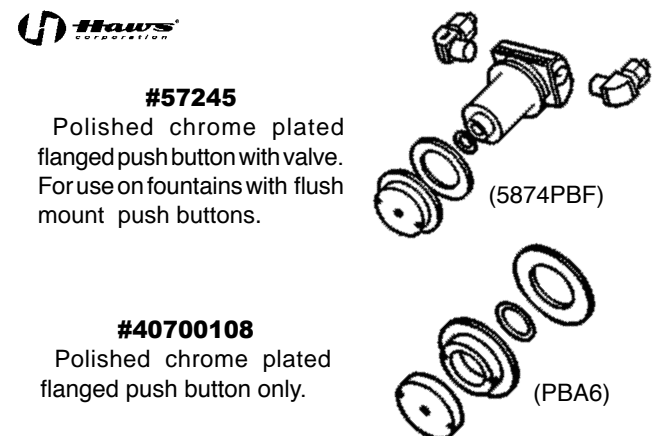
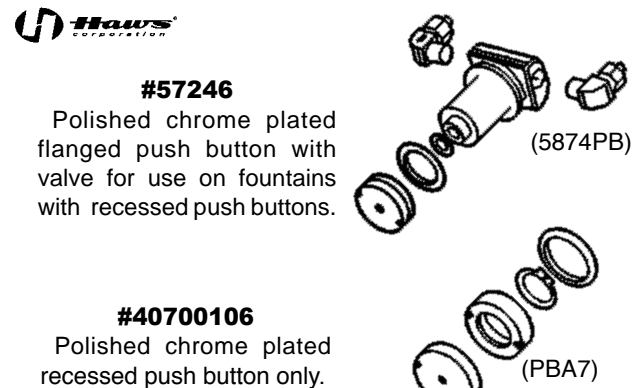
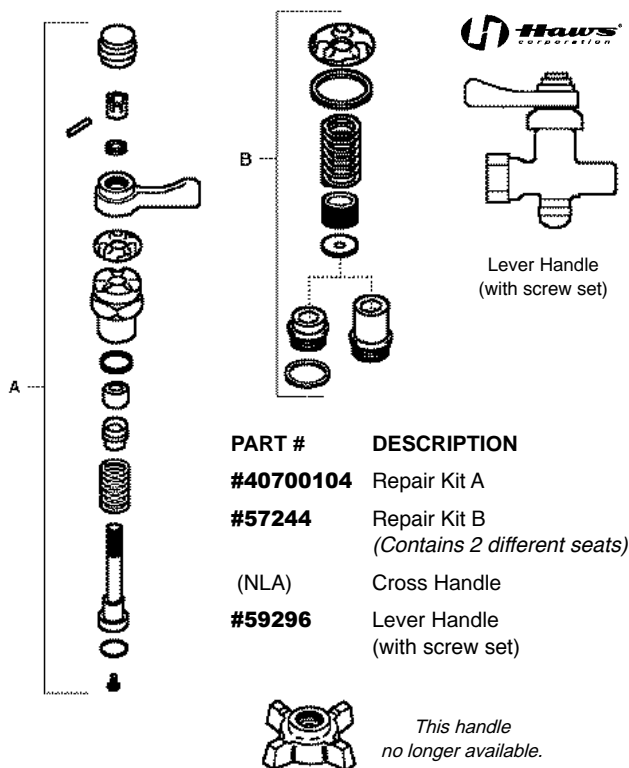
HAWS MODEL 05855 & 5856 VALVE



HAWS MODEL 56015 VALVE



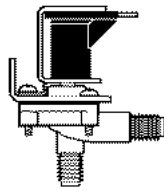
HAWS MODEL 5830LF VALVE



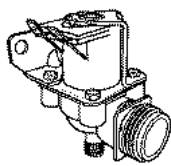
DRINKING FOUNTAIN REPAIR



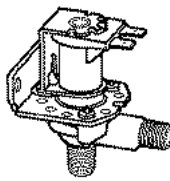
OASIS



#81212
SOLENOID



#81217
SOLENOID

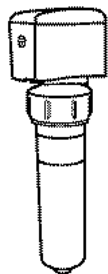


#81193
SOLENOID

*Many other types in stock.
Call with model number for further assistance.*



EZ TURN GREEN FILTER SYSTEM



- Replace your existing filter with a simple push-into-place.
- Easy to install
- Easy to maintain
- Superior water quality
- Customizable
- Eco-friendly
- Economical



#03582
Used on P8AM, P8AC

#03583
Used on all models
except P8AM and P8AC

#03584
Replacement filter
cartridge

Compatible with most under sink filtration systems, coffee machines, refrigerators, drinking fountains, and POU water coolers.



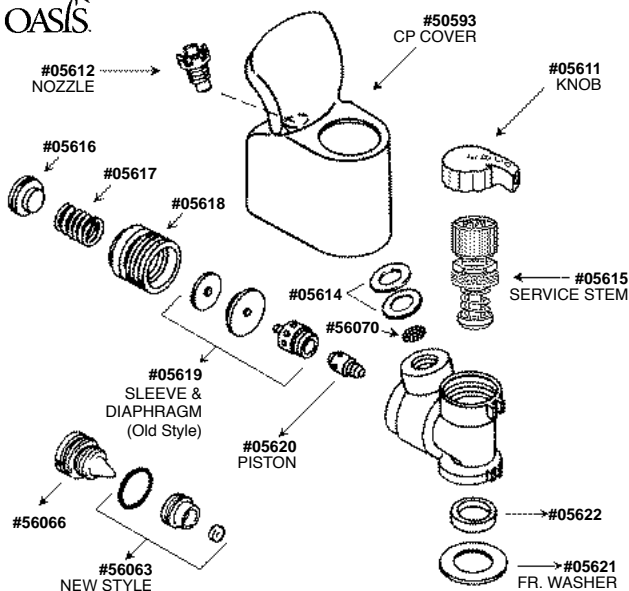
OASIS/EBCO FOUNTAIN WASTE GASKETS



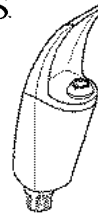
Must provide model of unit when ordering

OASIS/EBCO DIAL-A-DRINK BUBBLER

BREAKDOWN OF # 05624



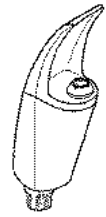
OASIS



#55704
BUBBLER W/
BUILT-IN REGULATOR
For P8AM



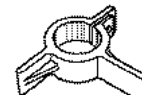
#53710
HEX NUT FOR
#55704



#83375
BUBBLER
For P8AC



#05611
KNOB
Used On
#5624 Bubbler



#SP3094
WHEEL ARM
ASSEMBLY
For P8AM



#57997
OEM FOUNTAIN
CARTRIDGE
For P8AC



#05615
SERVICE
STEM UNIT
Used In # 5624
Bubbler and P8AM
Water Coolers



#51831
NOZZLE &
REGULATOR ASSY.
Uses 5/64 Hex Key
For Adjustment
For P8AM Water Coolers



OASIS/EBCO



#05624
C.P. Brass
Water Bubbler
(DIAL-A-DRINK BUBBLER)



#05624PL
Water Bubbler
with Plastic Cover and Flex Guard
(DIAL-A-DRINK BUBBLER)



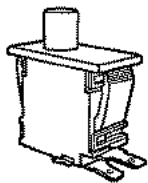
#55418
C.P. Brass
Water Bubbler
(CONTINUOUS BUBBLER)



#56065
Water Bubbler
with Plastic Cover

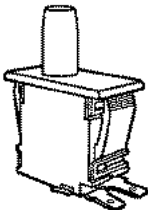


DRINKING FOUNTAIN REPAIR



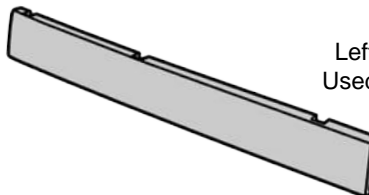
#56027
Switch for Water Cooler
Used in **PLF8SKPE**
and **PLF8SKTP** Units

OASIS



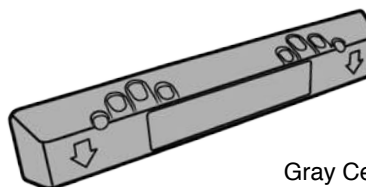
#SP3086
Switch for Water Cooler
Used in **PLF8WMD**
and **PLF8WMQ** Units

OASIS

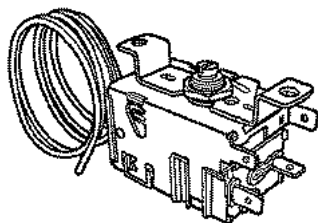


#54243
Left Side Bezel Closed
Used in **PLF8WMD** Units

SUNROC



#54177
Gray Center Fountain Pushbar
Used in **NWCA** and **HCWC** Units

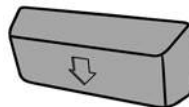


#05912
Cold Control for
Water Cooler
Used in **P8AC** Units

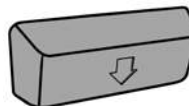
OASIS

USED IN NWCA and HCWC UNITS

SUNROC

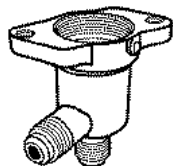


#05765
LH Gray Push Pad



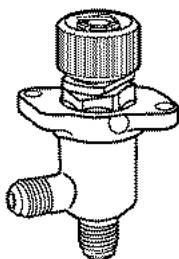
#05766
RH Gray Push Pad

USED IN P8AM UNITS



#54133
Brass Valve Body

OASIS



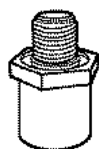
#54133NP
Nickel Plated Valve Body

05857
Valve & Body Assembly
For P8AM

OASIS



#53475
Short Inlet Tube and
Regulator Assembly
Used in **FLF110R** Units



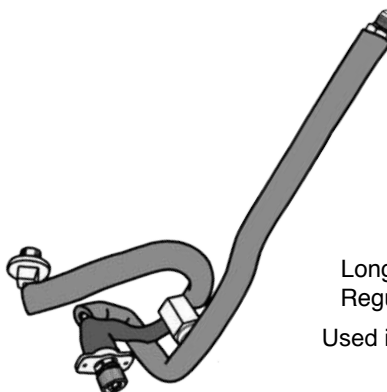
#57536
Strainer Assembly
Used in Many Different Fountains

OASIS



#05757
Fountain Lead Out
Cartridge Only
Used in Many Different
Coolers and Fountains

OASIS



#54064
Long Inlet Tube and
Regulator Assembly
Used in **FLF140R** Units

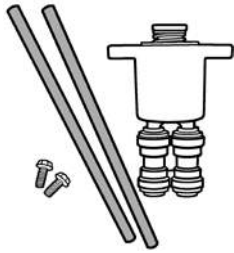
OASIS



DRINKING FOUNTAIN REPAIR

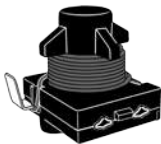


#05928
Non-Regulated Bubbler for
P8AC Cooler

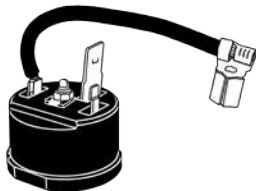


#58684
Water Control Assembly
Used on Many Sunroc Coolers

INCLUDES: Regulator,
Regulator Housing, Nut,
Copper Lines, and Screws.



#81907
Water Cooler Relay
Used on Series HCWC
and NWCA Units



#84791
Fountain Overload
Used on Series HCWC
and NWCA Units

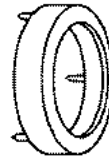


#56973
"Y" Strainer for Fountain
Used on Many Models



#54455
Insulated Waste Assembly
Used in PLF3CP, PLF5CP,
PLF10CP Units

USED IN F110PM AND F140PM UNITS



#59581
Chrome Fountain Bezel



#59961
Bezel Retainer Nut
(3 required)



#56026
Chrome Button for Water Cooler

USED IN F140PM, F110PM, PLF8SKPE AND PLF8SKTP UNITS



#56025
Chrome Fountain Bezel



#59961
Bezel Nut
(3 required)



#56026
Chrome Button for Water Cooler

USED IN FL40R-301 AND PV8AC UNITS

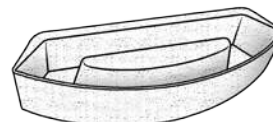


#05730
Push Button For Bubbler



#05729
Chrome Hex Cover Nut

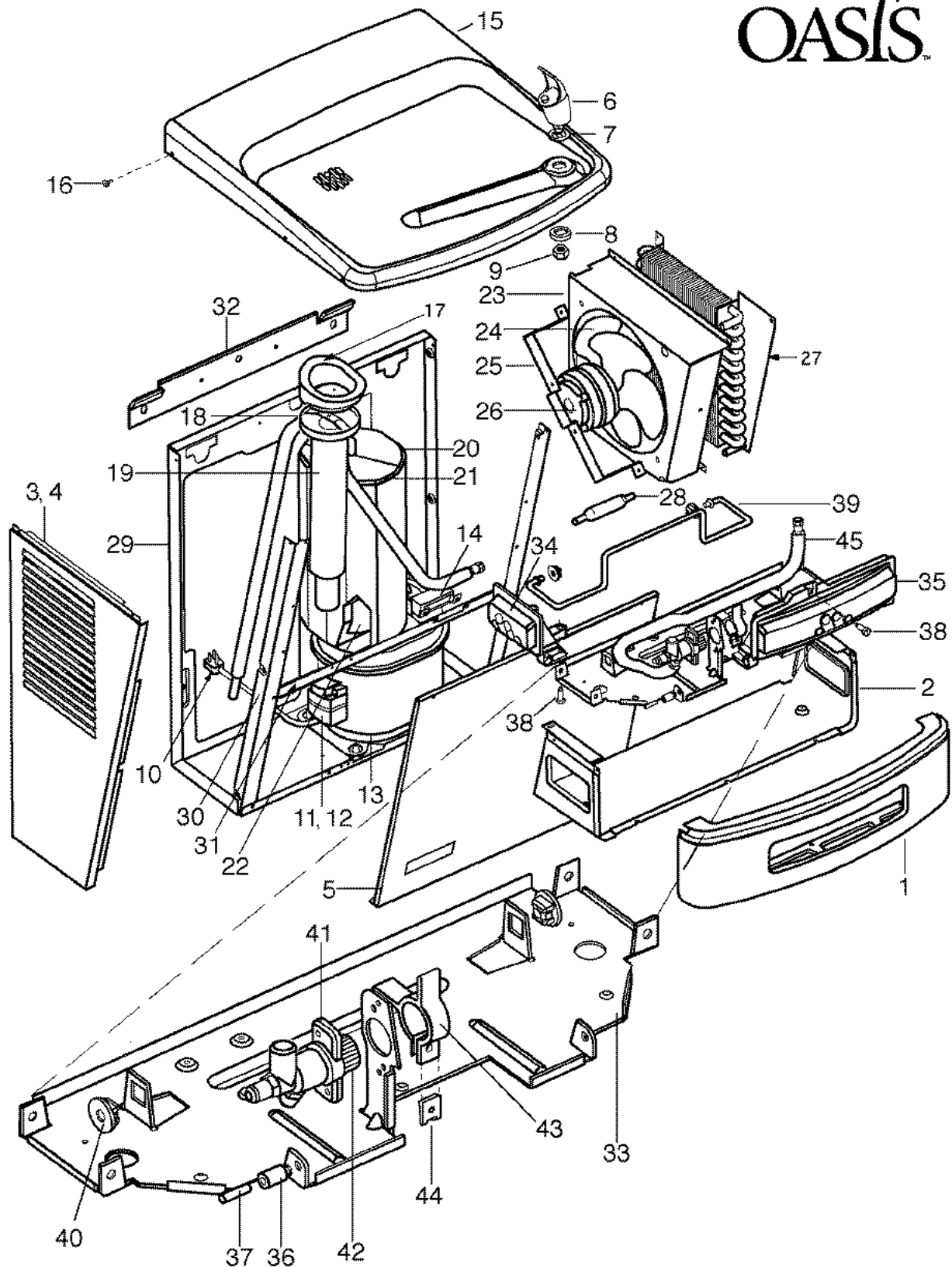
USED IN UNITS CCLPM AND CCL UNITS



#SP5791
Drip Tray
Granite Color



P8AM BREAKDOWN



P8AM BREAKDOWN

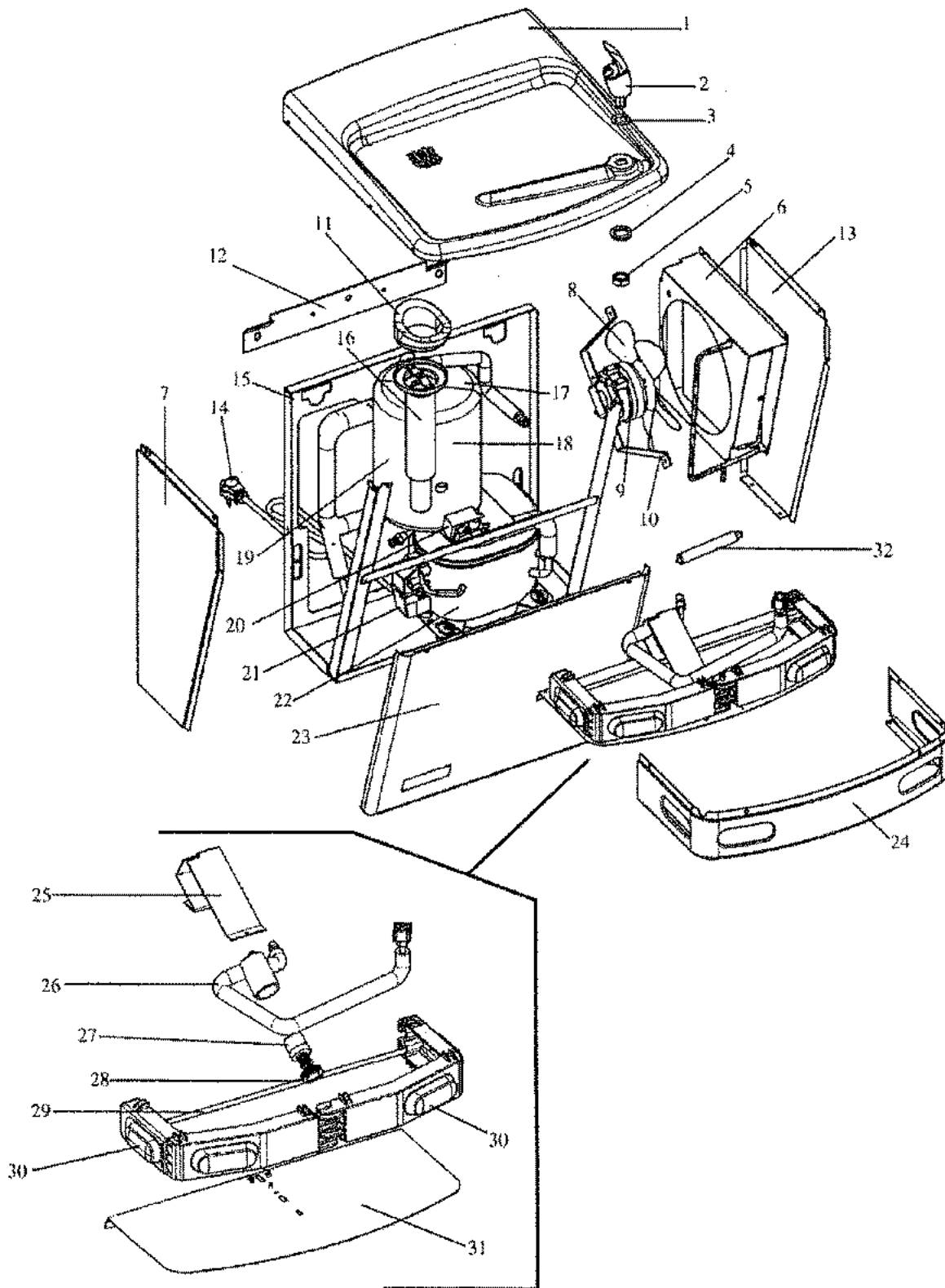
PARTS LIST

1	N.L.A.	Front Nose, Sandstone
		Front Nose, Greystone
		Front Nose, Stainless
		Front Nose, Painted (Tan)
2	N.L.A.	Housing, Middle Sandstone
		Housing, Middle Greystone
		Housing, Middle Stainless
		Housing, Middle Painted (Tan)3
3	N.L.A.	Panel, Side Left Sandstone
		Panel, Side Left Greystone
		Panel, Side Left Stainless
		Panel, Sideleft Painted (Tan)
4	N.L.A.	Panel, Side Right Sandstone
		Panel, Side Right Greystone
		Panel, Side Right Stainless
		Panel, Side Right Painted (Tan)
5	N.L.A.	Panel, Front Sandstone
		Panel, Front Greystone
		Panel, Front Stainless
		Panel, Front Painted(Tan)
6	#55704	Bubbler Valve
	#51831	Nozzle Assembly
7	#56240	Gasket
8	#56239	Washer, Undertop
9	#53710	Nut
10	#85832	Cord Assy, Power Supply
11	#84791	Overload, Mrp26all-69
12	#81907	Relay, 9660-043-166
13	#85825	Compressor Assembly (Includes 11 & 12)
14	#55462	Control, Cold
15	#54537	Top
16	#05774	Screw, Torx Head
17	#59198	Gasket, Waste
18	#84785	Waste Assy, Insulated
19	#SP5141	Insulation, Waste Assy

20		Insulation, Cooling Tank Rh
21	N.L.A.	Insulation, Cooling Tanl Lh
22		Cooling Tank Assy, Insulated
23	#85826	Shroud, Fan
24	#05677	Blade, Fan
25	#85827	Bracket, Fan Motor
26	#SP4731	Motor, Fan
27	#85828	Condenser
28	#85829	Drier, Refrigerant
29	N.L.A.	Frame, Back/Bottom
30	#85831	Strut, Support
31	#85833	Angle, Cross Brace
32	#05994	Hanger Bracket
33	#05845	Shelf, Activation
34	#SP3988	Push Button Assy, RH
	#SP3987	Push Button Assy, LH
35	#05947	Push Button
36	#05846	Body, Push Rivet
37	#05847	Rivet, Push
38	#05948	Screw, Adjust
39	#05768	Rod, Activation
40	#05769	Bushing, Rod
41	#54133	Valve Body Assy
42	#54134	Stem Assy
43	#SP3094	Wheel Arm, Valve
44	#05775	Clip, U Type
45	#81677	Tube Assy, Valve To Bubbler
Not Shown		
#85834 - Heat Exchanger Assy		
Brace Panel (Pam)		
Tube Assy, Water Supply (Pam)		



P8AC-D BREAKDOWN



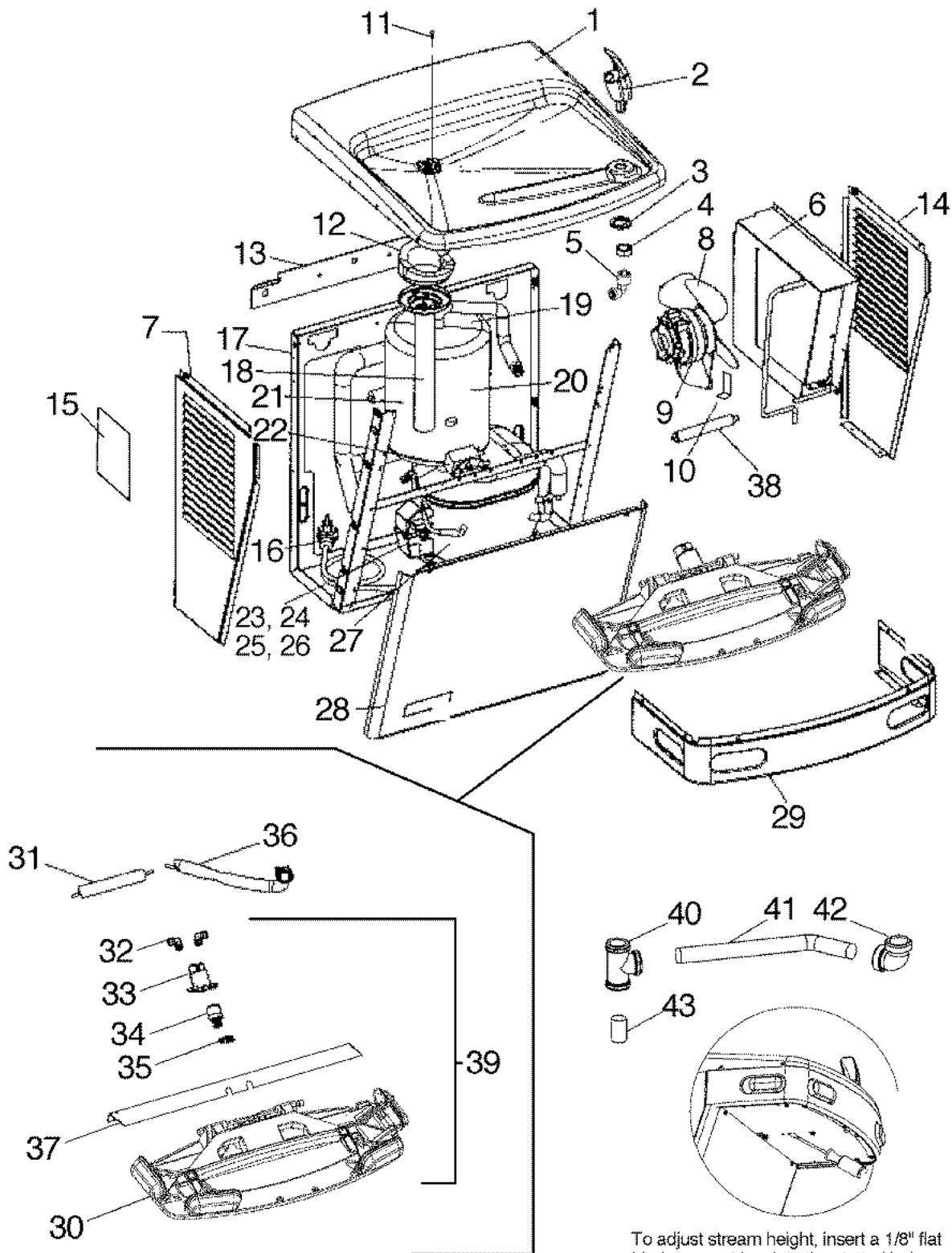
P8AC-D BREAKDOWN

1	#54537	Top
2	#05928	Bubbler
	#05929	Nozzle
3	#56240	Gasket
4	#56239	Washer, Undertop
5	#53710	Locknut
6	#85828	Condenser
7	#81400	Side Panel, Left Sandstone
	#85835	Side Panel, Left Greystone
	#85865	Side Panel, Left Stainless Steel
8	#05677	Blade, Fan
9	#SP4731	Motor, Fan
10	#85827	Bracket, Fan Motor
11	#59198	Waste Gasket
12	#05994	Hanger Bracket
13	#61401	Side Panel, Right Sandstone
	#85837	Side Panel, Right Greystone
	#85878	Side Panel, Right Stainless Steel
14	#85832	Service Cord
15	# 85838	Frame
16	#05930	Waste Assembly
17	#85839	Insulation Right Cooling Tank

18	#85840	Insulation Left Cooling Tank
19	#05914	Cooling Tank, Insulated
20	#05912	Cold Control
21	#57495	Overload/Relay Combination
22	#05951	Compressor Assembly
23	#61409	Front Panel, Sandstone
	#85843	Front Panel, Greystone
	#85869	Front Panel, Stainless Steel
24	#85870	Front Nosepiece, Sandstone
	#85871	Front Nosepiece, Greystone
	#SP7528	Front Nosepiece, Stainless Steel
25	#85845	Bracket, Valve
26	#80530	Supply Line, Top
27	#57997	Cartridge
28	#05731	Retaining Nut, Cartridge
29	#05931	Push Rod
30	#05932	Push Pad - Left, Right, or Front
31	#85846	Activation Shelf
32	#SP7543	Drier, Refrigerant
Not Shown #05934 - Strainer, In-Line #57496 - Capacitor		



P8AC-H BREAKDOWN



To adjust stream height, insert a 1/8" flat blade screwdriver into the slotted hole as shown. The screwdriver will engage the stream height adjuster in the cartridge plunger. Turn clockwise to increase stream height, or ccw to reduce stream height.



P8AC-H BREAKDOWN

PARTS LIST

1	#54537	Top
2	#05928	Bubbler
3	#56239	Washer, Undertop
4	#53710	Locknut
5	#85862	Bubbler Nut W/JG
6	#85828	Condenser
7	#85864	Side Panel, Left Sandstone
	#85835	Side Panel, Left Greystone
	#85865	Side Panel, Left Stainless Steel
8	#05677	Blade, Fan
9	#SP10021	Motor, Fan
10	#85866	Bracket, Fan Motor
11	#85836	Drain Screw
12	#59198NS	Waste Gasket
13	#05994	Hanger Bracket
14	#85867	Side Panel, Right Sandstone
	#85837	Side Panel, Right Greystone
	#85868	Side Panel, Right Stainless Steel
15	N.L.A.	Patch Plate, Sandstone Patch Plate, Greystone Patch Plate, Stainless Steel
16	#85832	Service Cord
17	#85838	Frame
18	#05930	Waste Assembly
19	#85839	Insulation Right Cooling Tank
20	#85840	Insulation Left Cooling Tank
21	#85841	Cooling Tank, Insulated
22	#05912	Cold Control

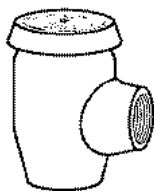
23	#84683	Relay
24	#84685	Overload
25	#84687	Start Capacitor - 60 MFD
26	#84684	Run Capacitor - 25 MFD
27	#85842	Compressor Assembly
28	#61409	Front Panel, Sandstone
	#85843	Front Panel, Greystone
	#61410	Front Panel, Stainless Steel
29	#85870	Front Nosepiece, Sandstone
	#85871	Front Nosepiece, Greystone
	#85872	Front Nosepiece, Stainless Steel
30	#83693	Activation Assembly
31	#85875	Waterline, Tank to Valve
	#85877	Waterline, Inlet to Valve or Tank
32	#85210	Union Elbow Fitting JG
33	#SP10160	Cartridge Holder
34	#57997	Cartridge
35	#SP6358	Retaining Nut, Cartridge
36	#85873	Waterline, Tank or Valve to Bubbler
37	#85874	Shelf
38	#SP7543	Drier
39	#SP10726	Activation Shelf
40		Waste Tee
41	N.L.A.	Waste Arm Assembly
42		Waste Elbow
43		Waste Extension Tube
Not Shown		
#05934 - Strainer, In-Line		



VACUUM BREAKERS



NEW STYLE VACUUM BREAKER



Chrome Finish

#50167 3/8" IPS

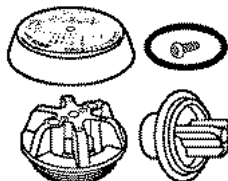
#50168 1/2" IPS

Rough Chrome Finish

#50170 1/2" IPS

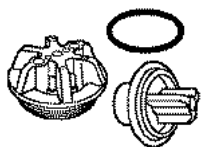


NEW STYLE VACUUM BREAKER REPAIR



#82654

New Style Repair Kit
with Screw and Cap
for 3/8" or 1/2"



#82945

New Style Repair Kit
for 3/8" or 1/2"



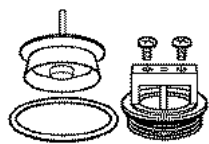
#52525

Vacuum Breaker Cover

NOTE ! Chicago's new style vacuum breaker kit, part #82945, will replace the old style vacuum breaker kits. To replace the cap on an old style vacuum breaker (with 2 screw holes) you must order part #82654. Old style covers are no longer available.



OLD STYLE VACUUM BREAKER REPAIR



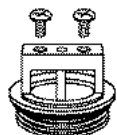
#56952

Replacement Vacuum Breaker
Repair Kit
with Bonnet for Old Style
Chicago Vacuum Breaker



#50803

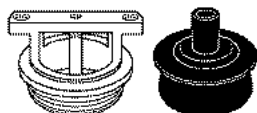
Replacement Plunger for Old
Style Chicago Vacuum Breaker



#80816

Replacement Brass Bonnet with
Screw for Old Style Chicago
Vacuum Breaker

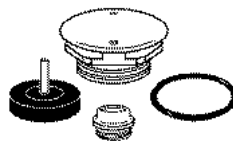
VACUUM BREAKER KIT (IMPORT)



#85072

For faucet #54772

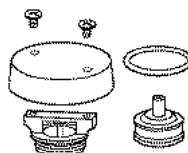
AMERICAN STANDARD VACUUM BREAKER KITS



#44868

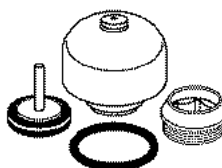


#50228



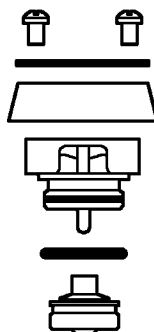
#59573

FIAT VACUUM BREAKER KIT



#83000

FISHER VACUUM BREAKER KIT



#85523

For 1/4" NPT

#85524

For 3/8" NPT

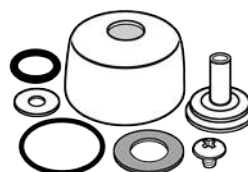
#85526

For 1/2" NPT

#85527

For 3/4" NPT

KOHLER VACUUM BREAKER KIT



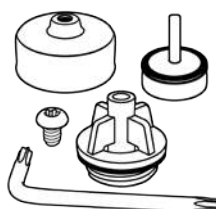
#51782

Chrome

#51782RC

Rough Chrome

MOEN VACUUM BREAKER KIT

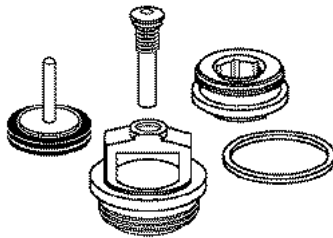


#85071

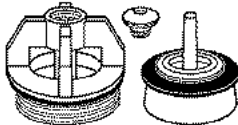


VACUUM BREAKERS

SPEAKMAN® VACUUM BREAKER KITS



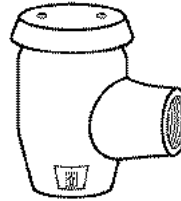
#45057
Fountain Parts for
Old Style and
New Style



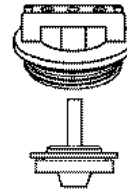
Repair Kit
USE **#45057**

Other Speakman styles available. Sample required.

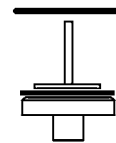
WATSAVER FAUCET VACUUM BREAKER CHROME FINISH



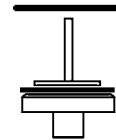
#55869
3/8" IPS



#51193
1/2" IPS



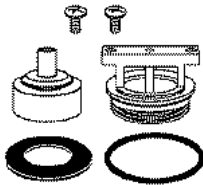
#50602S
Old Style Repair Kit
for 3/8" or 1/2"



#50602
New Style Repair Kit
for 3/8" or 1/2"



T&S VACUUM BREAKER KITS



#58013
1/2"

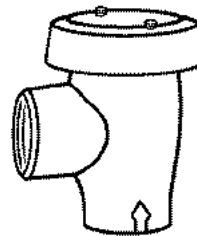


#54214
3/8"



288A CHROME VACUUM BREAKERS

Hot Or Cold Water Service



#50150 1/4" IPS

#50151 3/8" IPS

#50152 1/2" IPS

#50314 3/4" IPS

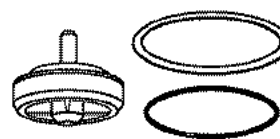
#50153 1" IPS

#50154 1-1/4" IPS

#50155 1-1/2" IPS



REPAIR KITS



#50156 1/4" & 3/8"

#50157 1/2"

#50158 3/4" & 1"

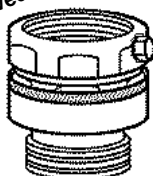
#51212 1-1/4"

#50160 1-1/2"

#50161 2"

BACKFLOW PREVENTER HOSE THREAD

Code
Approved!



#50147
Rough Brass

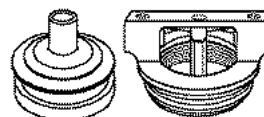
#50146
Chrome Plated

*3/4" hose thread inlet and outlet.
Used with hose thread outlet faucets.*

ZURN VACUUM BREAKER KITS



#58871

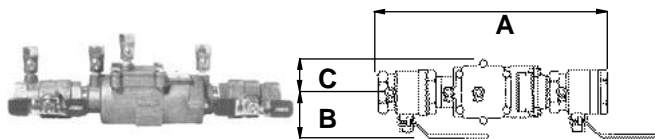


#80928

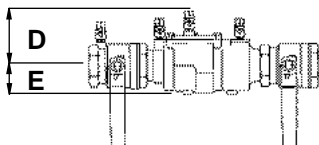


BACKFLOW PREVENTION

FEBCO DOUBLE CHECK ASSEMBLIES MODEL 850



PART	SIZE
# 40581112	3/4"
# 40581113	1"
# 40581114	1-1/4"
# 40581115	1-1/2"
# 40581116	2"



MODEL 850 DIMENSIONS (U.S. INCHES)						
SIZE	A	B	C	D	E	WEIGHT (lbs.)
3/4"	11-3/4	1-1/2	1-1/2	3-1/8	1-1/4	5.1
1"	12-1/2	1-7/8	1-5/8	3-3/8	1-1/2	7.7
1-1/4"	15-7/8	3	2-1/2	4-1/4	2-1/4	14.9
1-1/2"	16-3/8	3	2-1/2	4-1/4	2-1/4	18.0
2"	17-5/8	3-1/2	2-1/2	4-1/4	2-1/4	24.1

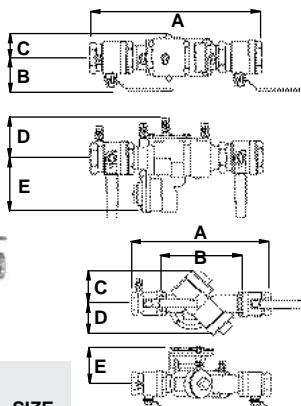
FEBCO REDUCED PRESSURE ASSEMBLIES MODEL 860 (INLINE) & 825Y (Y-DESIGN)



MODEL 860



MODEL 825Y



INLINE PART	Y-DESIGN PART	SIZE
# 40581312	# 40585420	3/4"
# 40581313	# 40585520	1"
# 40581314	# 40585620	1-1/4"
# 40581315	# 40585720	1-1/2"
# 40581316	# 40585820	2"

MODEL 860 DIMENSIONS (U.S. INCHES)						
Size	A	B	C	D	E	Weight (lbs.)
3/4"	10-3/4	1-1/2	1-1/2	3-1/8	3-1/2	6.9
1"	12-1/2	1-7/8	1-5/8	3-3/8	3-5/8	9.3
1-1/4"	15-7/8	3	2-1/2	4-1/4	5-5/8	19.3
1-1/2"	16-3/8	3	2-1/2	4-1/4	5-5/8	22.4
2"	17-5/8	3-1/2	2-1/2	4-1/4	5-5/8	26.9

MODEL 825Y DIMENSIONS (U.S. INCHES)						
Size	A	B	C	D	E	Weight (lbs.)
3/4"	12	7-3/4	3-1/4	3-1/4	4-1/8	11.5
1"	12-3/4	7-3/4	3-1/4	3-1/4	4-1/8	12.5
1-1/4"	13-5/8	7-3/4	3-1/4	3-1/4	4-1/8	14.0
1-1/2"	17	10-1/2	4-1/2	4-1/2	5	26.5
2"	17-3/4	10-1/2	4-1/2	4-1/2	5	29.0

WATTS MODEL 775 QT DOUBLE CHECK



COPPER BODY

Part	Size
# 40584031	3/4"
# 40584032	1"

WATTS MODEL 007 QT DOUBLE CHECK



Part	Size	Part	Size
# 58807	1/2"	# 58808	1-1/4"
# 57883	3/4"	# 40582616	1-1/2"
# 58414	1"	# 40582427	2"

WATTS MODEL 909 QT REDUCED PRESSURE



Part	Size
# 58809	3/4"
# 59597	1"

OTHER SIZES AVAILABLE ON REQUEST

WATTS MODEL 009 QT REDUCED PRESSURE

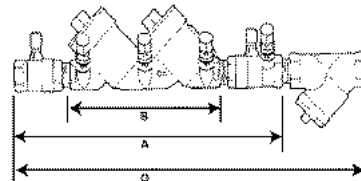
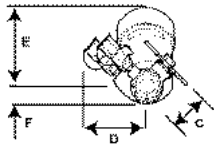


Part	Size	Part	Size
# 56185	1/2"	# 58811	1-1/4"
# 40582919	3/4"	# 40582921	1-1/2"
# 58810	1"	# 40583010	2"



BACKFLOW PREVENTION

WILKINS DOUBLE CHECK ASSEMBLIES MODEL 950XLT

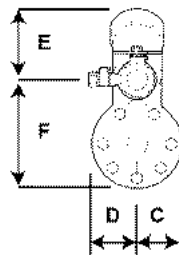
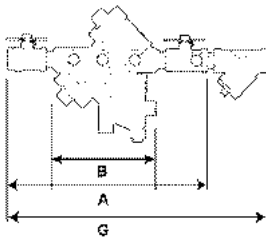


PART	SIZE
# 40584950	3/4"
# 40581950	1"
# 40585950	1-1/4"
# 40580950	1-1/2"
# 40582950	2"

MODEL 950XLT DIMENSIONS (INCHES)

Model Size	A	B Less Ball Valves	C	D	E	F	G
3/4"	13.00	8.75	2.40	2.30	3.30	0.75	17.63
1"	14.75	8.75	2.50	2.30	3.30	0.75	19.75
1-1/4"	19.60	13.75	4.00	3.60	4.40	1.30	24.70
1-1/2"	20.30	13.75	5.40	3.60	4.40	1.30	25.90
2"	21.40	13.75	5.80	3.60	4.40	1.30	28.30

WILKINS REDUCED PRESSURE PRINCIPAL ASSEMBLIES MODEL 975XL



PART	SIZE
# 40584975	3/4"
# 40581975	1"
# 40585975	1-1/4"
# 40580975	1-1/2"
# 40582975	2"

MODEL 975XL DIMENSIONS (INCHES)

Model Size	A	B Less Ball Valves	C	D	E	F	G
3/4"	12.00	7.75	2.10	3.00	3.50	5.00	15.75
1"	13.00	7.75	2.10	3.00	3.50	5.00	17.75
1-1/4"	17.00	10.92	2.70	3.50	5.00	6.70	22.00
1-1/2"	17.40	10.92	2.70	3.50	5.00	6.70	23.14
2"	18.50	10.92	2.70	3.50	5.00	6.70	25.50

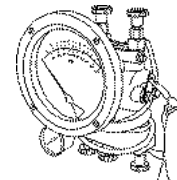
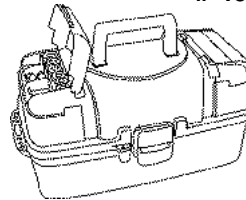
BACKFLOW PREVENTION ASSEMBLY TEST KIT # 85899



The WILKINS Model TG-5 Backflow Prevention Assembly Test Kit is designed for testing all brands of Pressure Type Vacuum Breakers, Double Check Valve, and Reduced Pressure Principle Backflow Prevention Assemblies. The TG-5 is capable of performing all known testing procedures including those recommended by ASSE, AWWA and FCCCHR at USC.

MID-WEST INSTRUMENT MODEL 845-5 5-VALVE TEST KIT

40580850



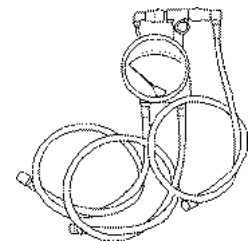
- Portable/removable from case.
- Improved case with storage compartments for fittings and tools.
- Room for additional accessories.
- Specially designed for testing backflow prevention assemblies with over 30 years of input from YOU the tester.
- Durable carrying case included.
- 5-year product warranty.

40580840 MIDWEST INSTRUMENT MODEL 845-3 3-VALVE TEST KIT

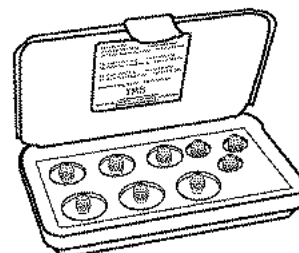
SIMILAR CONBRACO MODEL
PART # 40589002



40583502
WATTS REGULATOR
MODEL TK-99D TEST KIT



40583500
WATTS REGULATOR
MODEL TK-9A TEST KIT



91013
BACKFLOW
FITTING TEST KIT
QUICK DISCONNECT

A MUST FOR EVERY
MAINTENANCE DEPT!



AMES BACKFLOW REPAIR

SERIES 2000SS/2000SE DOUBLE CHECK VALVE ASSEMBLY 2-1/2" – 6", 6" & 8"

SERIES 3000SS/3000SE DOUBLE CHECK DETECTOR ASSEMBLY 2-1/2" – 6", 6" & 8"

PART#	KIT#	SIZE
-------	------	------

2000SE, 3000SE 1st Check

LEAD FREE	#86200	ARK 2000SE/3000SE CK1	6"
	#86201	ARK 2000SE/3000SE CK1	8"

Kit includes: 1st Check Assembly, Check O-Ring and Lube

2nd Check

LEAD FREE	#86202	ARK 2000SE/3000SE CK2	6"
	#86203	ARK 2000SE/3000SE CK2	8"

Kit includes: 2nd Check Assembly, Check O-Ring and Lube

Cover Kit

LEAD FREE	#86204	ARK SE C	6"
	#86205	ARK SE/SS C	8"

Kit includes: Cover, Groove Coupler and Gasket

PART#	KIT#	SIZE
-------	------	------

2000SS, 3000SS 1st Check

LEAD FREE	#86220	ARK 2000SS/3000SS CK1	2-1/2" - 4"
	#86221	ARK 2000SS/3000SS CK1	6"

Kit includes: 1st Check Assembly, Check O-Ring and Lube

2nd Check

LEAD FREE	#86222	ARK 2000SS/3000SS CK2	2-1/2" - 4"
	#86223	ARK 2000SS/3000SS CK2	6"

Kit includes: 2nd Check Assembly, Check O-Ring and Lube

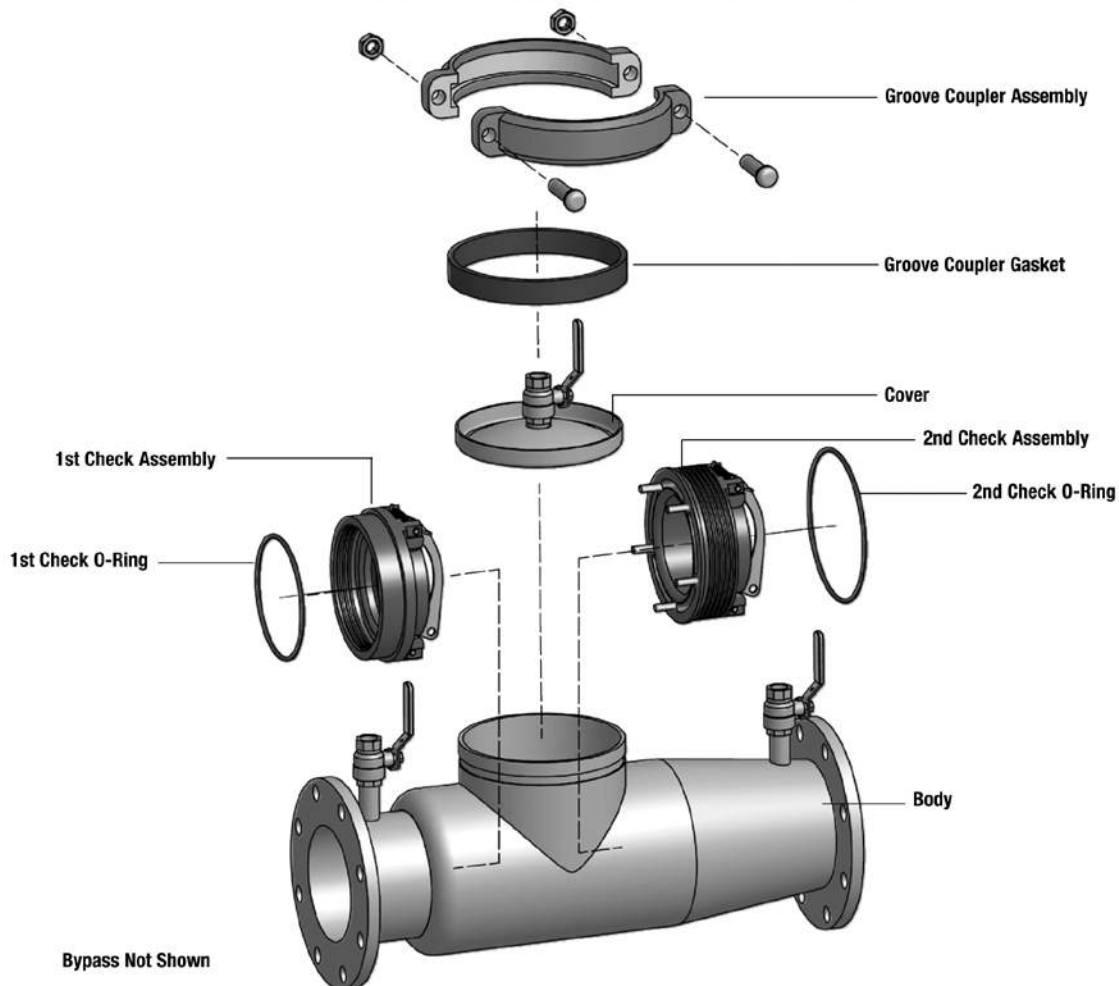
Cover Kit

LEAD FREE	#86224	ARK SS C	2-1/2" - 4"
	#86225	ARK SS C	6"

Kit includes: Cover, Groove Coupler and Gasket

** The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight*

2 1/2" THROUGH 6" 2000SS/3000SS 6" & 8" 2000SE/3000SE



AMES BACKFLOW REPAIR

SERIES 4000SS REDUCED PRESSURE ZONE ASSEMBLY 2-1/2" – 10"

SERIES 5000SS REDUCED PRESSURE DETECTOR ASSEMBLY 2-1/2" – 10"

PART#	KIT#	SIZE
-------	------	------

4000SS, 5000SS 1st Check

LEAD FREE	#86300	ARK 4000SS/5000SS CK1	2-1/2" - 4"
	#86301	ARK 4000SS/5000SS CK1	6"
	#86302	ARK 4000SS/5000SS CK1	8"-10"

Kit includes: 1st Check, Check O-Ring, Retaining Nuts(4) and Lube

2nd Check

LEAD FREE	#86303	ARK 4000SS/5000SS CK2	2-1/2" - 4"
	#86304	ARK 4000SS/5000SS CK2	6"
	#86305	ARK 4000SS/5000SS CK2	8"-10"

Kit includes: 2nd Check, Check O-Ring, Retaining Bolts(4) and Lube

Relief Valve Kit

LEAD FREE	#86306	ARK 4000SS/5000SS VT	2-1/2" - 10"
-----------	--------	----------------------	--------------

Kit includes: Complete RV, RV O-Ring and Lube

Relief Valve Rubber Parts Kit

LEAD FREE	#86307	ARK 4000SS/5000SS RV	2-1/2" - 10"
-----------	--------	----------------------	--------------

Kit includes: RV Diaphragm, Piston, RV Disc, RV Disc O-Ring and Lube

Cover Kit

LEAD FREE	#86308	ARK SS C	2-1/2" - 4"
	#86309	ARK SS C	6"
	#86310	ARK SE/SS C	8"-10"

Kit includes: Grooved Coupler, and Gasket

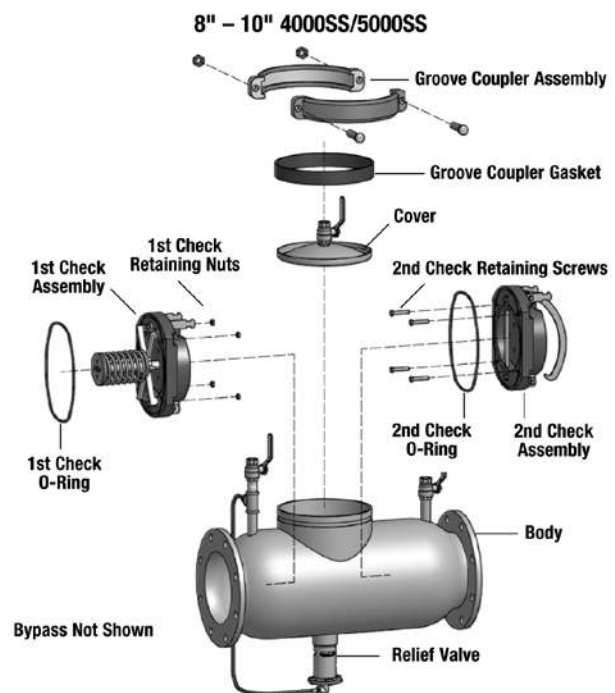
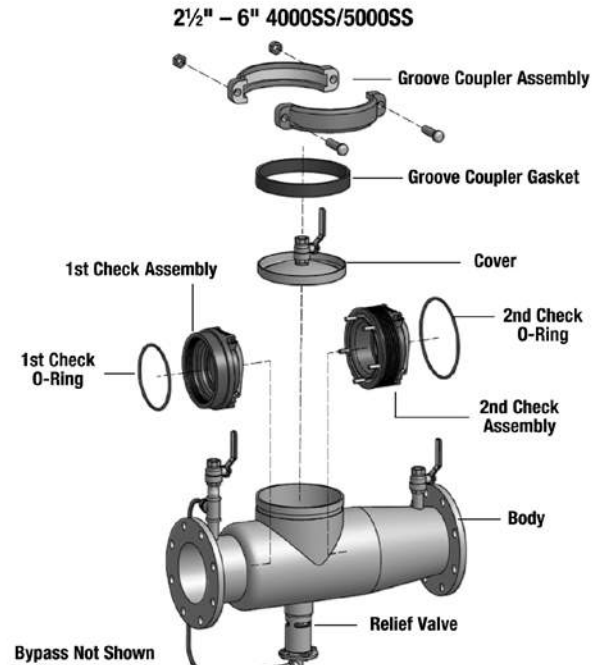
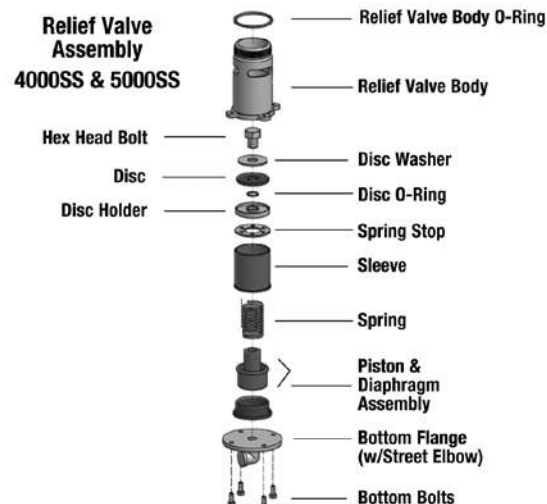
4000BLT, 6000HMB

LEAD FREE	#86311	ARK HMB/BLT CK1	2-1/2" - 3"
	#86312	ARK HMB/BLT CK2	2-1/2" - 3"
	#86313	ARK HMB/BLT VT	2-1/2" - 3"
	#86314	ARK SS C	2-1/2" - 4"
	#86315	Support Rod, Replacement	

RV Sensing Hose

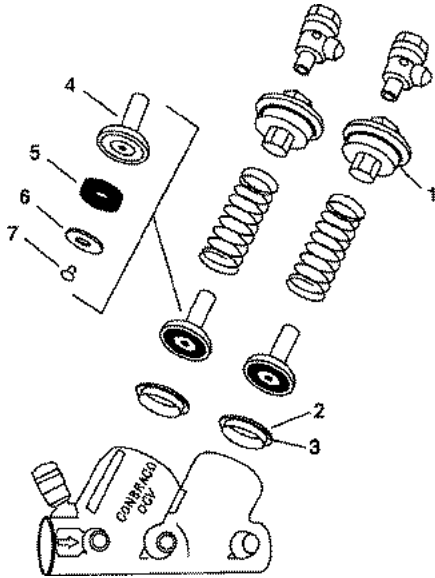
#86316	ARK 4000SS/5000SS RVH	2-1/2" - 6"
#86317	ARK 4000SS/5000SS RVH	8" - 10"

* The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight



CONBRACO BACKFLOW REPAIR

CONBRACO 40-100 TOP ENTRY DOUBLE CHECK VALVE ASSEMBLY REPAIR KITS



MAJOR REPAIR KIT CONTENTS

40583092
Major Repair Kit

3/4" & 1"

Item	Description	Qty.
1	Cap O-Ring	2
2	Check Seat	2
3	Check O-Ring	2
4	Poppet	2
5	Seat Disc	2
6	Seat Retainer	2
7	Screw	2

CHECK VALVE REPAIR KIT CONTENTS

Item	Description	Qty.
1	Cap O-Ring	1
2	Check Seat	1
3	Check O-Ring	1
4	Poppet	1
5	Seat Disc	1
6	Seat Retainer	1
7	Screw	1

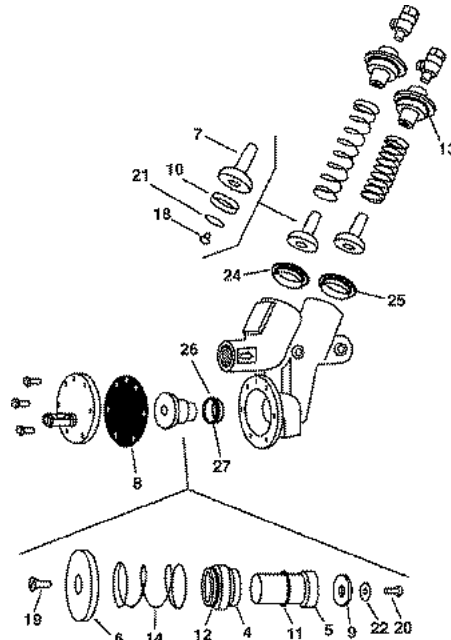
RUBBER REPAIR KIT CONTENTS

Item	Description	Qty.
1	Cap O-Ring	2
3	Check O-Ring	2
5	Seat Disc	2

REPAIR KITS

Description	Size 3/4" & 1"	Size 1-1/4", 1-1/2" & 2"
Major Repair Kit	40583092	40583094
Check Valve Repair Kit	40583028	40583030
Rubber Repair Kit	40583022	40583024

CONBRACO 40-200 1/4" – 2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER REPAIR KITS



CHECK VALVE REPAIR KIT CONTENTS

Item #	Description	Qty.	Item #	Description	Qty.
7	Poppet	1	21	Retaining Washer	1
10	Check Seat Disc	1	24	Check Seat	1
13	Check Cap O-Ring	1	25	Check O-Ring	1
18	Screw	1			

RELIEF VALVE REPAIR KIT CONTENTS

Item #	Description	Qty.	Item #	Description	Qty.
4	R.V. Bushing	1	14	R.V. Spring	1
5	R.V. Stem	1	19	Screw	1
6	Diaphragm Plate	1	20	Screw	1
8	R.V. Diaphragm	1	22	Retaining Washer	1
9	R.V. Seat Disc	1	26	R.V. Seat	1
11	Stem O-Ring	1	27	R.V. O-Ring	1
12	Bushing O-Ring	1			

RUBBER REPAIR KIT CONTENTS

Item #	Description	Qty.	Item #	Description	Qty.
8	R.V. Diaphragm	1	12	Bushing O-Ring	1
9	R.V. Seat Disc	1	13	Check Cap O-Ring	2
10	Check Seat Disc	2	25	Check O-Ring	2
11	Stem O-Ring	1	27	R.V. O-Ring	1

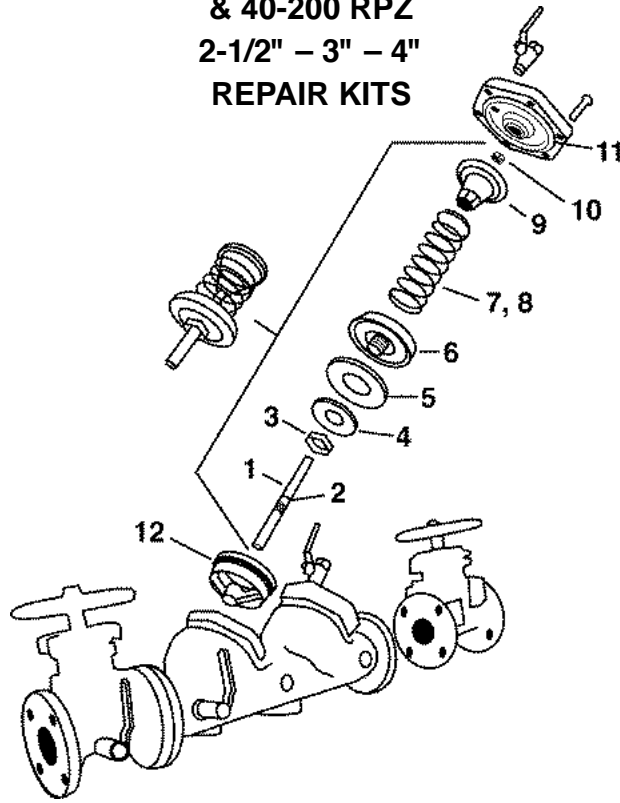
REPAIR KITS

Description	Size 1/4", 3/8", 1/2"	Size 3/4" & 1"	Size 1-1/4", 1-1/2", 2"
Major Repair Kit	40584002	40584004	40584006
(4, 5, 6, 7 (2), 8, 9, 10 (2), 11, 12, 13 (2), 14, 18 (2), 19, 20, 21 (2), 22, 24 (2), 25 (2), 26, 27)			
Check Valve Repair Kit	40583016	40583028	40583030
Relief Valve Repair Kit	40583011	40583012	40583014
Rubber Repair Kit	40583002	40583004	40583006



CONBRACO BACKFLOW REPAIR

CONBRACO 40-100 DCV & 40-200 RPZ 2-1/2" – 3" – 4" REPAIR KITS



CHECK VALVE REPAIR KIT CONTENTS

Item #	Description	Qty.
1	C.V. Stem	1
2	C.V. Stem O-Ring	1
3	Retainer Nut	1
4	Retainer Washer	1
5	C.V. Seat Disc	1
6	Seat Disc Holder	1
7 or 8	Check Spring	1
9	Spring Retainer	1
10	Jam Nut	1
11	Cap O-Ring	1

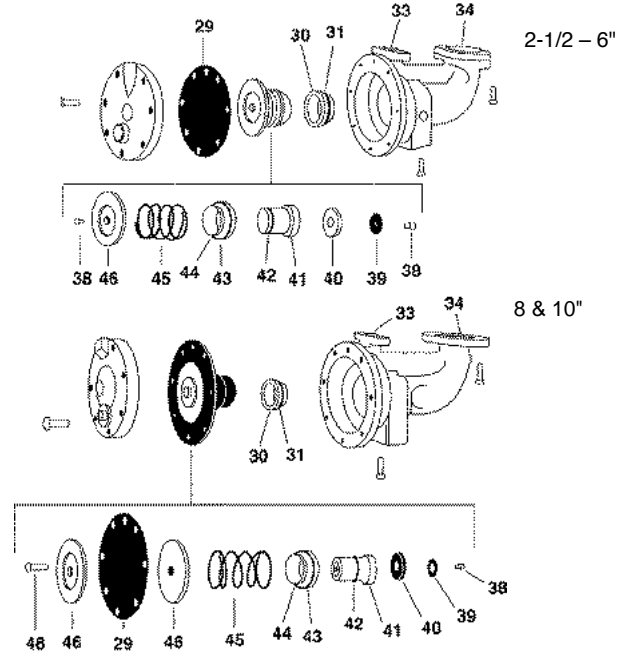
RUBBER REPAIR KIT CONTENTS

Item	Description	Qty.
2	C.V. Stem O-Ring	2
5	C.V. Seat Disc	2
11	Cap O-Ring	2
12	C.V. Seat O-Ring	2

REPAIR KITS

Description	Size 2-1/2" – 3"	Size 4"
1st or 2nd Check Valve Repair Kit 40-100 DCV & 2nd Check 40-200 RPZ	40583052	40583064
1st Check Valve Repair Kit 40-200 RPZ	40583062	40583054
Rubber Repair Kit 40-100 DCV & 40-200 RPZ	40583040	40583042

CONBRACO 2-1/2" – 10" RPZ RELIEF VALVE REPAIR KITS



RELIEF VALVE REPAIR KIT CONTENTS

Item #	Description	Qty.
29	Relief Valve Diaphragm	1
30	Relief Valve Seat Ring	1
31	Relief Valve Seat Ring O-Ring	1
33	Small Relief Valve O-Ring	1
34	Large Relief Valve O-Ring	1
38	Pan Head Screw	2
39	Relief Valve Seat Washer	1
40	Relief Valve Seat Washer	1
41	Relief Valve Stem	1
42	Relief Valve Stem O-Ring	1
43	Relief Valve Bushing O-Ring	1
44	Relief Valve Bushing	1
45	Relief Valve Spring	1
46	Diaphragm Plate	1 or 2*
47	Stem Face O-Ring	N/A
48	Diaphragm Bolt	N/A

RELIEF VALVE RUBBER REPAIR KIT

Item #	Description	Qty.
29	Relief Valve Diaphragm	1
31	Relief Valve Seat Ring O-Ring	1
33	Small Relief Valve O-Ring	1
34	Large Relief Valve O-Ring	1
40	Relief Valve Seat Washer	1
42	Relief Valve Stem O-Ring	1
43	Relief Valve Bushing O-Ring	1
47	Stem Face O-Ring	N/A

REPAIR KITS

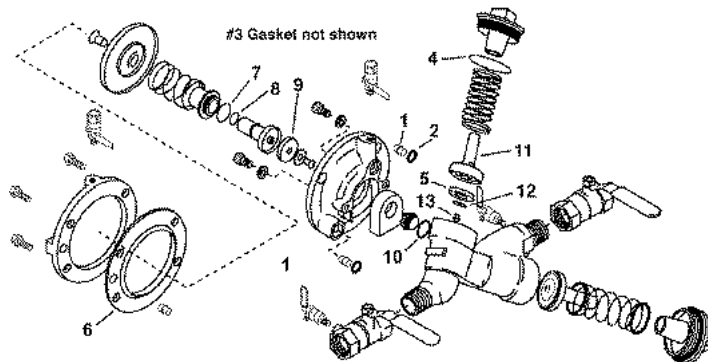
Description	Size 2-1/2", 3"	Size 4"	Size 6"	Size 8"	Size 10"
Relief Valve Repair Kit 29, 30, 31, 33, 34, 38, 39, 40, 41, 42, 43, 44, 45, 46, (47, 48)*	40583082	40583084	40583086	40583088	40583090
Relief Valve Repair Kit 29, 31, 33, 34, 40, 42, 43, (47)*	40583072	40583074	40583076	40583078	40583080

*8" & 10" Only



FEBCO BACKFLOW REPAIR

FEBCO 805Y AND 825Y 3/4" – 2" DOUBLE CHECK AND REDUCED PRESSURE BACKFLOW PREVENTERS



805Y & 825Y CHECK ASSEMBLY

FIG. #	DESCRIPTION	QTY*
4	O-Ring	1
5	Seat Disc	1
11	Disc Holder	1
12	Washer	1
13	Screw	1

* Quantity required per check. Some sizes require different quantities.

825Y COMPLETE RUBBER KIT

FIG. #	DESCRIPTION	QTY*
1	Bushing	3
2	O-Ring	2
3	Gasket	2
4	O-Ring	2
5	Seat Disc	2
6	Diaphragm	1
7	O-Ring	1
8	O-Ring	1
9	Seat Disc	1
10	O-Ring (RV)	1

* Quantity required per valve. Some sizes require different quantities.

FEBCO 805Y AND 825Y (3/4" – 2")

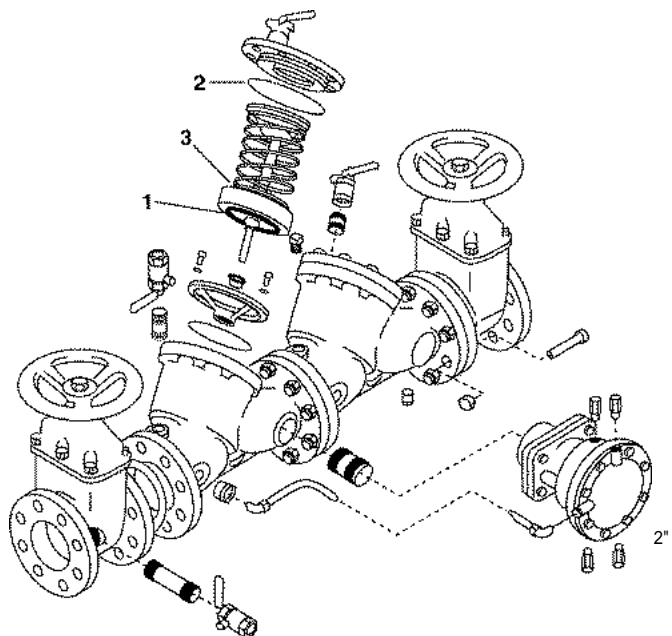
Description	3/4"	1"	1-1/4"	1-1/2"	2"
Model 805Y and 825Y					
Check Valve Rubber Kit (2 ea. 4, 5)	40581010	40581010	40581010	40581020	40581020
825Y Complete Rubber Parts (1-10)	40585111	40585111	40585111	40585112	40585112
Check Valve Assembly (4, 5, 11-13)	40581030	40581030	40581030	40581040	40581040

FEBCO 805YD AND 825YD 2-1/2" – 10" DOUBLE CHECK REPAIR KITS

CHECK RUBBER REPLACEMENT KIT

Fig. #	Description	Qty.
1	Seat Disc	1
2	O-Ring	2*
3	Stem -Ring	1

*Kit contains O-rings for 2 styles of cover.



REPAIR KITS

Description	Size 2-1/2"	Size 3"	Size 4"	Size 6"	Size 8"	Size 10"
Check Rubber Replacement Kit (1-3)	40581062	40581064	40581066	40581068	40581070	40581072

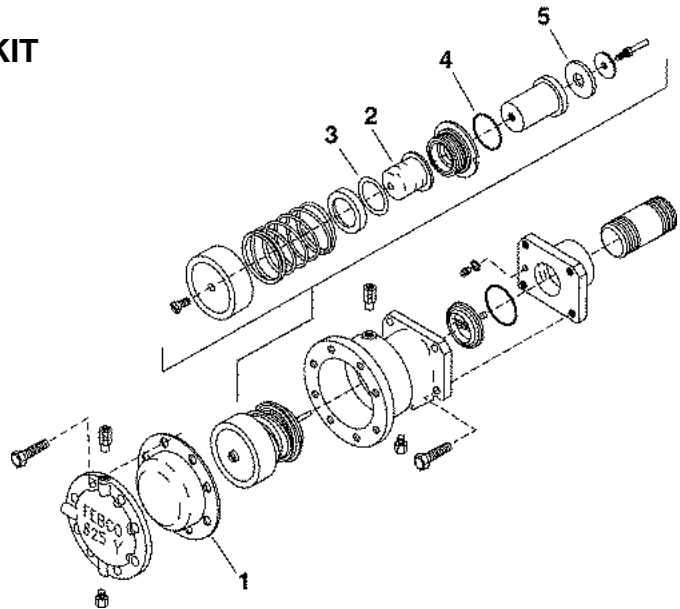


FEBCO BACKFLOW REPAIR

FEBCO 805YD AND 825YD 2-1/2" – 10" RELIEF VALVE REPAIR KIT

RELIEF VALVE RUBBER REPLACEMENT KIT

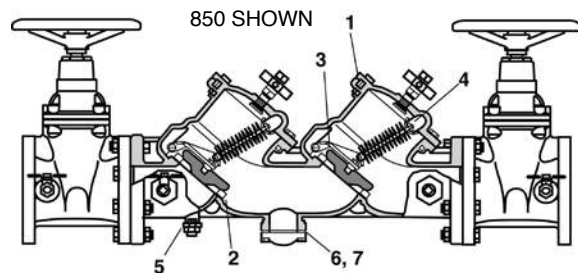
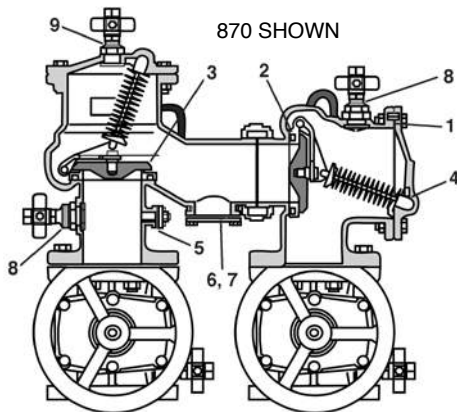
Fig. #	Description	Qty.
1	Diaphragm – Outer	1
2	Diaphragm – Inner	1
3	Slip Ring	1
4	O-Ring	1
5	Seat Disc	1



REPAIR KITS

Description	Size 2-1/2"	Size 3"	Size 4"	Size 6"	Size 8"	Size 10"
Relief Valve Kit	40585102	40585102	40585102	40585102	40585102	40585102
Rubber (1-5)						

FEBCO 850/870 2-1/2" – 10" DOUBLE CHECK BACKFLOW PREVENTERS CHECK REPLACEMENT RUBBER KITS



CHECK REPLACEMENT RUBBER KIT (870/876)

Item	Description
1	O-Ring
2	Gasket
3	Check Disc (2-1/2"– 8")
4	Bearing Socket
5	Gasket
6	O-Ring
7	Back-up ring
8	Gasket
9	Gasket

CHECK REPLACEMENT RUBBER KIT (850/856)

Item	Description
1	O-Ring
2	Gasket
3	Check Disc (2-1/2"– 8")
4	Bearing Socket
5	Gasket
6	O-Ring
7	Back-up ring
8	Gasket
9	Gasket

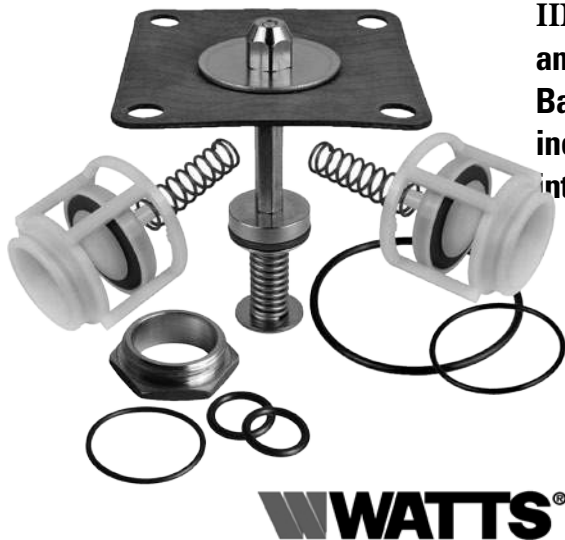
CHECK REPLACEMENT RUBBER REPAIR KITS

Description	Size 2-1/2"	Size 3"	Size 4"	Size 6"	Size 8"	Size 10"
850/856 Rubber Kit (1-9)	40585249	40585249	40585163	40585164	40585165	40585166
870/876 Rubber Kit (1-9)	40585162	40585162	40585163	40585164	40585165	40585166



You asked... and we listened!

Total Repair Kits stocked exclusively from I.P.S.



INDUSTRIAL PLUMBING SUPPLY is proud to announce the launch of a full line of "Total Repair Kits" for Backflow Prevention Assemblies. These total repair kits include everything necessary to completely repair the internals of the applicable assembly.

Some advantages of the total repair kits include:

- Guaranteed to have all necessary parts to completely repair the assembly, no trips back and forth to your parts distributor
- Complete internal assembly repair, no callbacks to the site
- Significant cost savings in comparison to buying the repair kits separately
- Comes in a single convenient package with each internal clearly marked, greatly enhancing ease of use

009 Total Repair Kits - Current Assemblies

84288 Works with: 1/4" - 1/2" - M

Includes: 1/4" - 1/2" 009 Total Relief Valve Repair Kit
1/4" - 1/2" 009 First Check Valve Repair Kit
1/4" - 1/2" 009 Second Check Valve Repair Kit Retainer

84289 Works with: 3/4" - M3

Includes: 3/4" 009M3 Total Relief Valve Repair Kit
3/4" 009M3 First Check Valve Repair Kit
3/4" 009M3 Second Check Valve Repair Kit Retainer

84290 Works with: 1" - M2

Includes: 1" 009M2 Total Relief Valve Repair Kit
1" 009M2 First Check Valve Repair Kit
1" 009M2 Second Check Valve Repair Kit Retainer

84291 Works with: 1-1/4" - 1-1/2" - M2

Includes: 1-1/4" - 1-1/2" 009M2 Total Relief Valve Repair Kit
1-1/4" - 1-1/2" 009M2 First Check Valve Repair Kit
1-1/4" - 1-1/2" 009M2 Second Check Valve Repair Kit Retainer

84292 Works with: 2" - M2

Includes: 2" 009M2 Total Relief Valve Repair Kit
2" 009M2 First Check Valve Repair Kit
2" 009M2 Second Check Valve Repair Kit

84393 Works with: 2-1/2" - 3" - M

Includes: 2-1/2" - 3" 009 Total Relief Valve Repair Kit
2-1/2" - 3" 009 First Check Valve Repair Kit
2-1/2" - 3" 009 Second Check Valve Repair Kit

009 Total Repair Kits - Older Assemblies

84261 Works with: 3/4" - M2

Includes: 3/4" 009M2 Total Relief Valve Repair Kit
3/4" 009M2 First Check Valve Repair Kit
3/4" 009M2 Second Check Valve Repair Kit Retainer

84394 Works with: 3/4" - 1" - M

Includes: 3/4" - 1" 009 Total Relief Valve Repair Kit
3/4" - 1" 009 First Check Valve Repair Kit
3/4" - 1" 009 Second Check Valve Repair Kit Retainer

84395 Works with: 1-1/4" - 2" - M

Includes: 1-1/4" - 2" 009 Total Relief Valve Repair Kit
1-1/4" - 2" 009 First Check Valve Repair Kit
1-1/4" - 2" 009 Second Check Valve Repair Kit

84396 Works with: 1-1/4" - 2" - M1

Includes: 1-1/4" - 2" 009M1 Total Relief Valve Repair Kit
1-1/4" - 2" 009M1 First Check Valve Repair Kit
1-1/4" - 2" 009M1 Second Check Valve Repair Kit

As the region's local stocking distributor of WATTS backflow parts, IPS' trained specialists can help you find the right part, the first time, and ship it to you the same day.



The waiting for backflow repair parts is over.

007 Total Repair Kits - Current Assemblies

84280 Works with: 3/4" - M3

Includes: 3/4" 007M3 First Check Repair Kit
3/4" 007M3 Second Check Repair Kit Retainer

84281 Works with: 3/4" - 1" - M

Includes: 3/4" - 1" 007 First Check Repair Kit
3/4" - 1" 007 Second Check Repair Kit Retainer

84282 Works with: 1-1/4" - 11/2" - M2

Includes: 1-1/4" - 1-1/2" 007M2 First Check Repair Kit
1-1/4" - 1-1/2" 007M2 Second Check Repair Kit Retainer

84283 Works with: 1-1/2" - 2" - M1

Includes: 1-1/2" - 2" 007M1 First Check Repair Kit
1-1/2" - 2" 007M1 Second Check Repair Kit

719 Total Repair Kits - Current Assemblies

84397 Works with: 1/2"

Includes: 1/2" 719 First or Second Check Repair Kits

84398 Works with: 3/4"

Includes: 3/4" 719 First or Second Check Repair Kits

84399 Works with: 1"

Includes: 1" 719 First or Second Check Repair Kits

84400 Works with: 1-1/4" - 1-1/2"

Includes: 1-1/4" - 1-1/2" 719 First or Second Check Repair Kits

84401 Works with: 2"

Includes: 2" 719 First or Second Check Repair Kits

800M4 Total Repair Kits - Current Assemblies

84403 Works with: 1/2" - 3/4"

Includes: 1/2" - 3/4" 800M4 Check Valve Repair Kit
1/2" - 3/4" 800M4 Vent Float Repair Kit
1/2" - 3/4" 800M4 Bonnet Assembly Repair Kit
1/2" - 3/4" 800M4 Seat Repair Kit

84404 Works with: 1"

Includes: 1" 800M4 Check Valve Repair Kit
1" 800M4 Vent Float Repair Kit
1" 800M4 Bonnet Assembly Repair Kit
1" 800M4 Seat Repair Kit

84405 Works with: 1-1/4" - 2"

Includes: 1-1/4" - 2" 800M4 Check Valve Repair Kit
1-1/4" - 2" 800M4 Vent Float Repair Kit
1-1/4" - 2" 800M4 Bonnet Assembly Repair Kit
1-1/4" - 2" 800M4 Seat Repair Kit

007 Total Repair Kits - Older Assemblies

84284 Works with: 1/2" - M

Includes: 1/2" 007 First or Second Check Repair Kits Retainer

84285 Works with: 3/4" - 1" - M1

Includes: 3/4" - 1" 007 First or Second Check Repair Kits Retainer

84286 Works with: 3/4" - M2

Includes: 3/4" 007M2 First Check Repair Kit
3/4" 007M2 Second Check Repair Kit Retainer

84287 Works with: 1-1/2" - 2" - M

Includes: 1-1/2" - 2" 007 First Check Repair Kit
1-1/2" - 2" 007 Second Check Repair Kit

909 Total Repair Kits - Current Assemblies

84262 Works with: 3/4" - 1"

Includes: 3/4" - 1" 909 Total Relief Valve Repair Kit
3/4" - 1" 909 First Check Valve Repair Kit
3/4" - 1" 909 Second Check Valve Repair Kit

84402 Works with: 1-1/4" - 2"

Includes: 1-1/4" - 2" 909M1 Total Relief Valve Repair Kit
1-1/4" - 2" 909M1 First Check Valve Repair Kit
1-1/4" - 2" 909M1 Second Check Valve Repair Kit

919 Total Repair Kits - Current Assemblies

84406 Works with: 1/4" - 1/2"

Includes: 1/4" - 1/2" 919 Total Relief Valve Repair Kit
1/4" - 1/2" 919 First Check Valve Repair Kit
1/4" - 1/2" 919 Second Check Valve Repair Kit

84407 Works with: 3/4"

Includes: 3/4" - 1" 919 Total Relief Valve Repair Kit
3/4" 919 First Check Valve Repair Kit
3/4" 919 Second Check Valve Repair Kit

84408 Works with: 1"

Includes: 3/4" - 1" 919 Total Relief Valve Repair Kit
1" 919 First Check Valve Repair Kit
1" 919 Second Check Valve Repair Kit

84409 Works with: 1-1/4" - 1-1/2"

Includes: 1-1/4" - 2" 919 Total Relief Valve Repair Kit
1-1/4" - 1-1/2" 919 First Check Valve Repair Kit
1-1/4" - 1-1/2" 919 Second Check Valve Repair Kit

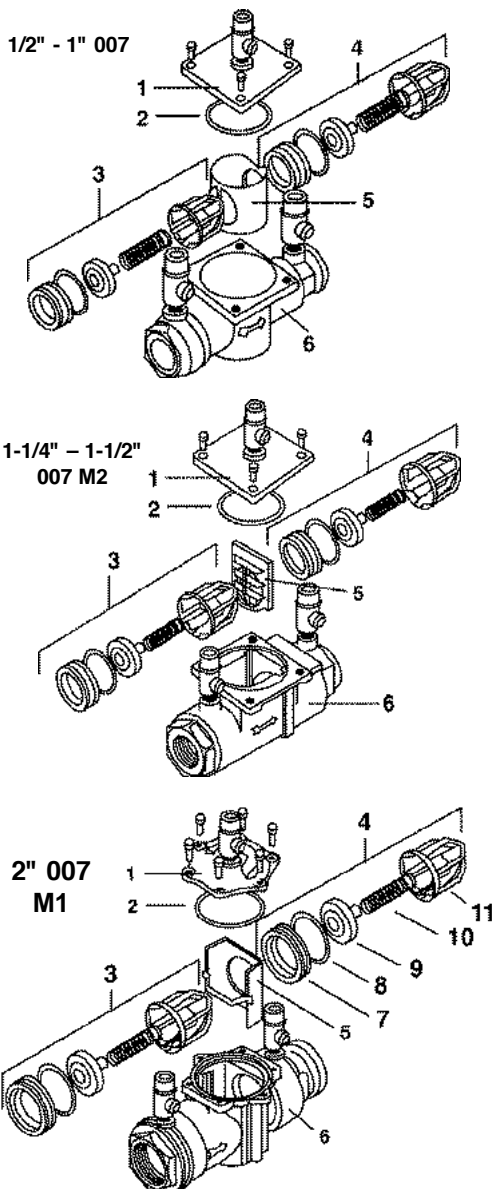
84410 Works with: 2"

Includes: 1-1/4" - 2" 919 Total Relief Valve Repair Kit
2" 919 First Check Valve Repair Kit
2" 919 Second Check Valve Repair Kit



WATTS BACKFLOW REPAIR

WATTS SERIES 007 DOUBLE CHECK VALVE SIZES 1/2"-2"



WATTS 007 PARTS LISTING

Item #	Description
1	Cover
2	Cover O-ring
3	First Check
4	Second Check
5	Retainer
6	Body
7	Seat
8	Seat O-ring
9	Disc Assembly
10	Spring
11	Check Cage

CHECK KITS: FIRST OR SECOND CHECK

Part #	Kit #	Size
40587026	RK 007M1 CK 4	3/4" - 1"

FIRST CHECK KITS

Part #	Kit #	Size
40588550	RK 007M3 CK1	3/4"
40587023	RK 007 CK1	3/4" - 1"
40587186	RK 007M1 CK1	1-1/2" - 2"
40587719	RK 007M2 CK1	1-1/4" - 1-1/2"

SECOND CHECK KITS

Part #	Kit #	Size
40587024	RK 007 CK4	3/4" - 1"
40588551	RK 007M3 CK2	3/4"
40587187	RK 007M1 CK2	1-1/2" - 2"
40587720	RK 007M2 CK2	1-1/4" - 1-1/2"

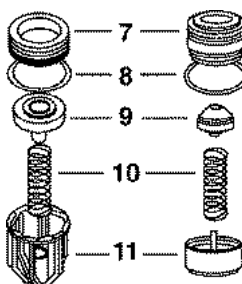
Above kits contain item #s 2, 7-11

COMPLETE RUBBER PARTS KITS

Part #	Kit #	Size
40587043	RK 007M2 RT	3/4"
40588552	RK 007M3 RT	3/4"
40587040	RK 007 RT	3/4 - 1"
40587042	RK 007M1 RT	3/4" - 1"
40587041	RK 007 RT	1-1/2" - 2"
40587188	RK 007M1 RT	1-1/2" - 2"
40587721	RK 007M2 RT	1-1/4" - 1-1/2"

Kit contains item #s 2, 9 (2) and 8 (2).

007 CHECK ASSEMBLY



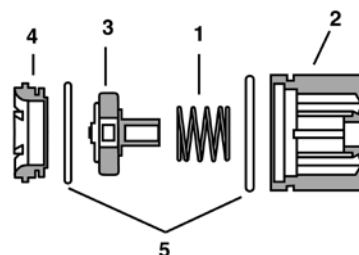
Old Style

Note: Rubber disc can be replaced. However, disc holder and disc retainer are permanently bonded to prevent failure.

WATTS 007M3 PARTS LISTING

Item #	Description
1	Spring
2	Check Cage
3	Disc
4	Seat
5	O-rings

3/4" 007M3 CHECK ASSEMBLY



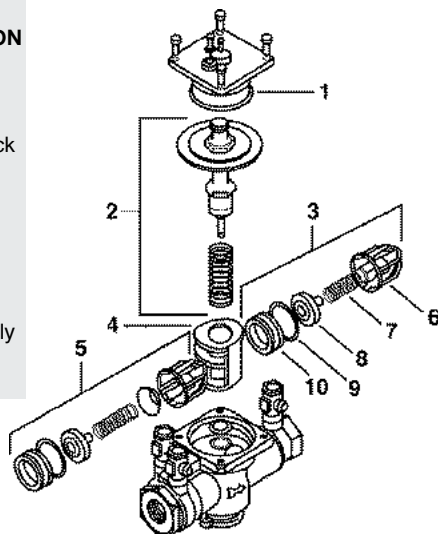
WATTS BACKFLOW REPAIR

WATTS SERIES 009 1/4" – 2" REDUCED PRESSURE ZONE CHECK VALVE KITS

PARTS LISTING

FIG. # DESCRIPTION

- 1 Cover O-ring
- 2 Relief Valve Module
- 3 Second Check Assembly
- 4 Retainer
- 5 First Check Assembly
- 6 Check Cage
- 7 Spring
- 8 Disc Assembly
- 9 Seat O-ring
- 10 Seat



FIRST CHECK KITS (1/4" – 1")

PART #	KIT #	SIZE
40587291	RK 009 CK1	1/4"-1/2"
40588520	RK 009 M3 CK1	3/4"
40587005	RK 009 CK1	3/4" – 1"
40587789	RK 009 M2 CK1	1"

Kit consists of items # 1, 5.

SECOND CHECK KITS (1/4" – 1")

PART #	KIT #	SIZE
40587292	RK 009 CK2	1/4" - 1/2"
40588521	RK 009 M3 CK2	3/4"
40587007	RK 009 CK2	3/4" – 1"
40587790	RK 009 M2 CK2	1"

Kit consists of items # 1, 3.

FIRST CHECK KITS (1-1/4" – 2")

PART #	KIT #	SIZE
40587300	RK 009 M2 CK1	1-1/4" – 1-1/2"
40587270	RK 009 M1 CK1	1-1/4" – 2"
40587006	RK 009 CK1	1-1/4" – 2"
40587540	RK 009 M2 CK1	2"

Kit consists of items # 1, 5 and sensing passage o-ring.

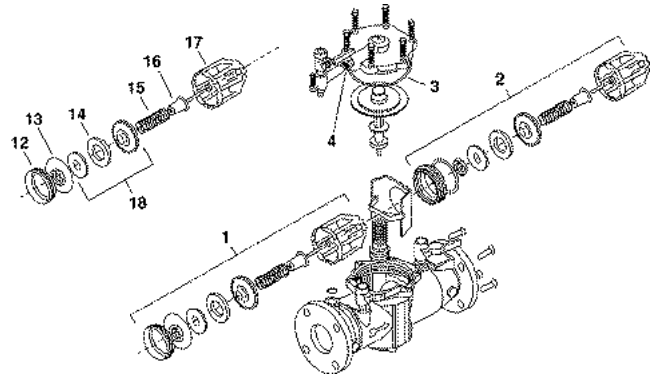
SECOND CHECK KITS (1-1/4" – 2")

Part #	Kit #	Size
40587301	RK 009M2 CK2	1-1/4" – 1-1/2"
40587271	RK 009M1 CK2	1-1/4" – 2"
40587008	RK 009 CK2	1-1/4" – 2"
40587541	RK 009M2 CK2	2"

Kit consists of items # 1, 3 and sensing passage o-ring.

For check assembly parts breakdown, see previous page.

SERIES 009 2-1/2" – 3" REDUCED PRESSURE ZONE CHECK VALVE KITS



PARTS LISTING

FIG. # DESCRIPTION

- 1 First Check Service Parts Kit
- 2 Second Check Service Parts Kit
- 3 Cover O-ring
- 4 Flow Tube O-ring
- 5-11 Listed below
- 12 Seat
- 13 Seat O-ring
- 14 Disc
- 15 Spring
- 16 Spring Guide
- 17 Cage/Seat

FIRST CHECK RUBBER PARTS KIT

Part #	Kit #	Size
40587281	RK 009 RC1	2-1/2" – 3"

Kit contains item # 3, 4, 13, and 14

SECOND CHECK RUBBER PARTS KIT

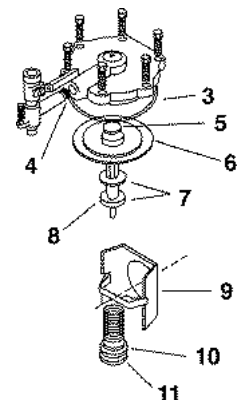
Part #	Kit #	Size
40587205	RK 009 RC2	2-1/2" – 3"

SERIES 009 2-1/2" – 3" REDUCED PRESSURE ZONE RELIEF VALVE KITS

PARTS LISTING

FIG. # DESCRIPTION

- 5 Piston O-ring
- 6 Diaphragm
- 7 Molded Disc Assembly
- 8 Disc
- 9 Retainer
- 10 Seat
- 11 Seat O-ring



Kit contains item # 3, 4, 13, and 14

RELIEF VALVE RUBBER PARTS KIT

Part #	Kit #	Size
40587206	RK 009 RV	2-1/2" – 3"

Kit contains item #s 4, 5, 6, 7, 8 and stem o-ring. Stem o-ring located between stem and piston o-ring.



WATTS BACKFLOW REPAIR

WATTS SERIES 009 1/4" – 2" REDUCED PRESSURE ZONE RELIEF VALVE KITS

RELIEF VALVE KITS (1/4" – 1")

Part #	Kit #	Size
40587294	RK 009 VT	1/4" – 1/2"
40587002	RK 009M2 VT	3/4"
40588524	RK 009M3 VT	3/4"
40587015	RK 009 VT	3/4" – 1"
40587785	RK 009M2 VT	1"

Kit contains item #s 5, 8, 12, 13, 15 and 16.

RELIEF VALVE RUBBER PARTS KITS (1/4" – 1")

Part #	Kit #	Size
40588523	RK 009M3 RV	3/4"
40587786	RK 009M2 RV	1"

Kit contains item #s 6, 7, 8, 10, 12 and 16.

TOTAL RUBBER PARTS KITS (1/4" – 1")

Part #	Kit #	Size
40586999	RK 009M2 RT	3/4"
40588526	RK 009M3 RT	3/4"
40587182	RK 009 RT	3/4" – 1"
40587787	RK 009M2 RT	1"

Kit contains item #s 6, check disc assemblies (2), 8, 10, 12, 16 and 9.

RELIEF VALVE TOTAL KITS (1-1/4" – 2")

Part #	Kit #	Size
40587307	RK 009M2 VT	1-1/4" – 1-1/2"
40587277	RK 009M1 VT	1-1/4" – 2"
40587016	RK 009 VT	1-1/4" – 2"
40587545	RK 009M2 VT	2"

Kit contains item #s 3, 4, 6, 8, 13, 15 and 16.

RELIEF VALVE RUBBER PARTS KITS (1-1/4" – 2")

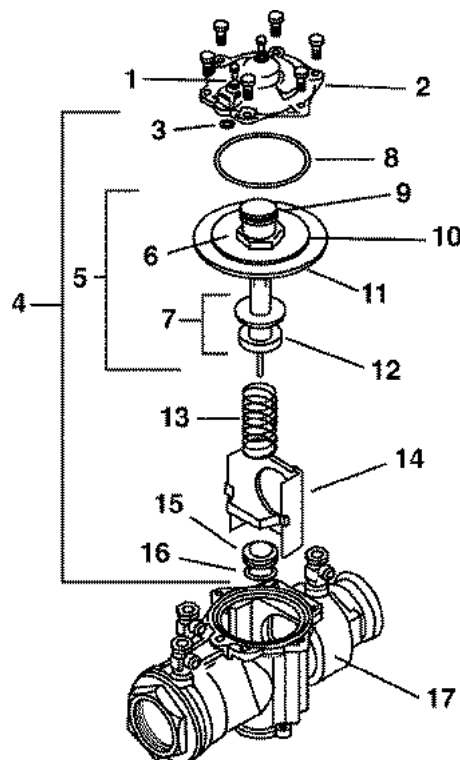
Part #	Kit #	Size
40587306	RK 009M2 RV	1-1/4" – 1-1/2"
40587276	RK 009M1 RV	1-1/4" – 2"
40587544	RK 009M2 RV	2"

Kit contains item #s 3, 8, 10 and 16.

COMPLETE RUBBER PARTS KITS (1-1/4" – 2")

Part #	Kit #	Size
40587309	RK 009M2 RT	1-1/4" – 1-1/2"
40587280	RK 009M1 RT	1-1/4" – 2"
40587185	RK 009 RT	1-1/4" – 2"
40587547	RK 009M2 RT	2"

Kit contains item #s 1, 3, 6, 7, 8, 10, 11, 12, 16, (2) check assembly o-rings and (2) disc assemblies.



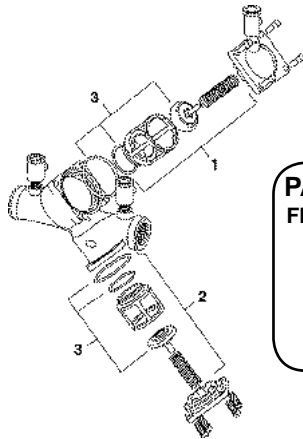
PARTS LISTING

Fig. #	Description
1	Bleed Screw O-ring
2	Cover
3	Sensing O-ring
4	Relief Valve Service Parts Kit
5	Stem & Diaphragm Assembly
6	Upper Stem O-ring
7	Disc Assembly
8	Cover O-ring
9	Piston O-ring
10	Diaphragm
11	Diaphragm Plate O-ring
12	Lower Stem O-ring
13	Spring
14	Retainer
15	Seat
16	Seat O-ring
17	Body



WATTS BACKFLOW REPAIR

WATTS SERIES 709 DOUBLE CHECK VALVE SIZES 3/4" – 2" REPAIR KITS



PARTS LISTING

FIG. # DESCRIPTION

- 1 First Check Kit
(Does not include cover)
- 2 Second Check Kit
(Does not include cover)
- 3 Rubber Parts Kit

FIRST OR SECOND CHECK KIT

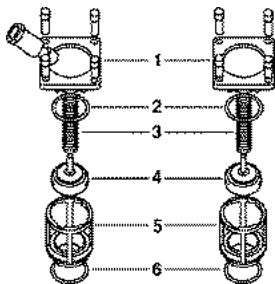
PART #	KIT #	SIZES
40587150	RK 709 CK4	3/4" – 1"
40585040	RK 709 CK4	1-1/2" – 2"

Kit contains item #s 2, 3, 4 & 6 (see Detail below)

COMPLETE RUBBER PARTS KITS (FOR BOTH CHECKS)

PART #	KIT #	SIZES
40587152	RK 709 RT	3/4" – 1"
40587153	RK 709 RT	1-1/2" – 2"

Kit contains item #s 2, 4 and 6 (see Detail below)

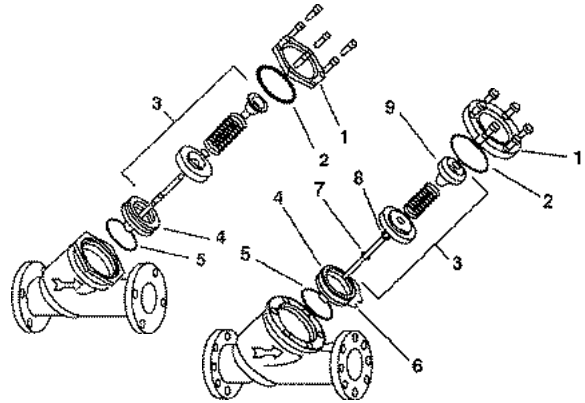


DETAIL

CHECK VALVE PARTS LISTING

- | Fig. # | Description |
|--------|---------------|
| 1 | Cover |
| 2 | Cover O-ring |
| 3 | Spring |
| 4 | Disc Assembly |
| 5 | Seat |
| 6 | Seat O-ring |

WATTS SERIES 709 DOUBLE CHECK VALVE SIZES 2-1/2" – 10" REPAIR KITS



FIRST OR SECOND CHECK KITS

PART #	KIT #	SIZE
40587900	RK 709 CK4	2-1/2" – 3"
40587901	RK 709 CK4	4"
40587902	RK 709 CK4	6"
40587903	RK 709 CK4	8"
40587904	RK 709 CK4	10"

Kit includes item #s 2 & 3

RUBBER PARTS KITS (FOR ONE CHECK)

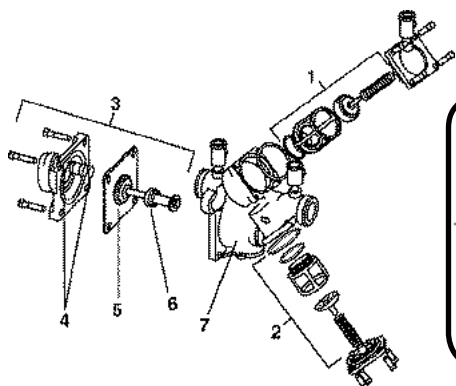
PART #	KIT #	SIZE
40587905	RK 709 RC4	2-1/2" – 3"
40587906	RK 709 RC4	4"
40587907	RK 709 RC4	6"
40587908	RK 709 RC4	8"
40587909	RK 709 RC4	10"

Kit includes item #s 2 & 9

PARTS LISTING

FIG. # DESCRIPTION

- | | | | |
|---|------------------------|---|-----------------------------|
| 1 | Cover | 6 | Retainer Wire |
| 2 | Cover O-ring | 7 | Lower Stem O-ring (6" only) |
| 3 | Disc & Spring Assembly | 8 | Upper Stem O-ring (6" only) |
| 4 | Seat | 9 | Disc |
| 5 | Seat O-ring | | |



WATTS SERIES 909 3/4" – 2" REDUCED PRESSURE ZONE CHECK VALVE KITS

FIRST CHECK KITS

Part #	Kit #	Size
40587120	RK 909 CK1	3/4" – 1"
40587133	RK 909M1 CK1	1-1/4" – 2"

SECOND CHECK KITS

Part #	Kit #	Sizes
40587121	RK 909 CK2	3/4" – 1"
40587134	RK 909M1 CK2	1-1/4" – 2"

COMPLETE RUBBER PARTS KITS

Part #	Kit #	Sizes
40587130	RK 909 RT	3/4" – 1"
40587144	RK 909M1 RT	1-1/4" – 2"

Other sizes available. Call for information.
For check valve parts listing, refer to drawing above left.

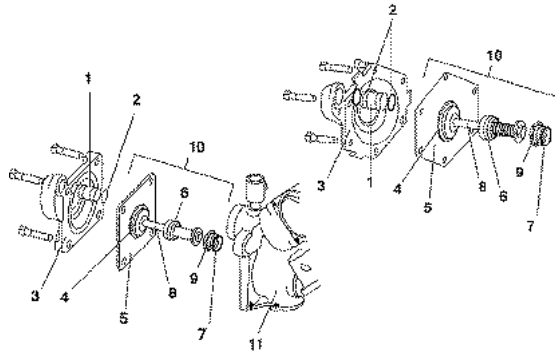


WATTS BACKFLOW PREVENTION

WATTS SERIES 909 3/4" – 2" RPZ RELIEF VALVE KITS

PARTS LISTING FIG. # DESCRIPTION

- 1 Piston
- 2 Piston O-ring
- 3 Cover
- 4 Disc Assembly
- 5 Diaphragm
- 6 RV O-ring
- 7 Seat O-ring
- 8 Stem
- 9 Seat
- 10 Relief Valve Assembly



RELIEF VALVE KITS

PART #	KIT #	SIZES
40587126	RK 909 VT	3/4" – 1"
40587138	RK 909M1 VT	1-1/4" – 2"

Kit contains item #s 2, 7, 9, 10 and lubricant

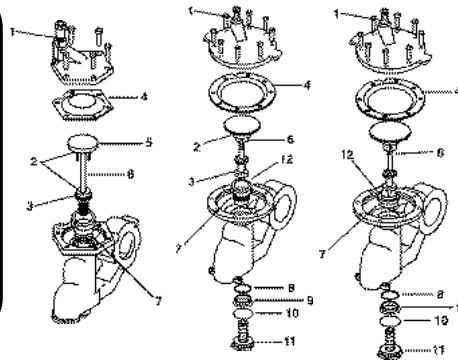
RELIEF VALVE RUBBER PARTS KITS

PART #	KIT #	SIZES
40587131	RK 909 RV	3/4"-1"
40587141	RK 909M1 RV	1-1/4" – 2"

Kit contains item #s 2, 4, 5, 6, 7 and lubricant.

PARTS LISTING FIG. # DESCRIPTION

- 1 Adapter O-ring
- 2 Stem O-ring
- 3 Piston O-ring
- 4 Diaphragm
- 5 Relief Valve Disc
- 6 Disc & Piston Assembly
- 7 Seat O-ring
- 8 Sleeve O-ring
- 9 Piston Sleeve
- 10 Bottom Plug O-ring
- 11 Bottom Plug Assembly



WATTS SERIES 909 2-1/2" – 10"

RPZ RELIEF VALVE REPAIR KITS RELIEF VALVE RUBBER PARTS KITS

PART #	KIT #	SIZE
40587231	RK 909 RV	2-1/2" – 3"
40587232	RK 909 RV	4" – 6"
40587233	RK 909 RV	8" – 10"
40587234	*RK 909M1 RV	4" – 10"

Kit contains item #s 1, 2, 3, 4, 6, 8, 10 (*M1 = Cast iron relief valve).

RELIEF VALVE TOTAL REPAIR KITS

PART #	KIT #	SIZE
40587235	RK 909 VT	2-1/2" – 3"
40587236	RK 909 VT	4" – 6"
40587237	RK 909 VT	8" – 10"
40587238	*RK 909M1 VT	4" – 10"

Kit contains item #s 1, 4, 6, 7 and 12

(Sizes 4" – 10" M1 includes bottom plug & spring assembly). (*M1 = Cast iron relief valve).

WATTS SERIES 909 2-1/2" – 10" RPZ CHECK VALVE KITS

FIRST CHECK KITS

PART #	KIT #	SIZE
40587210	RK 909 CK1	2-1/2" – 3"
40587212	RK 909 CK1	4"
40587213	RK 909 CK1	6"
40587214	RK 909 CK1	8"
40587215	RK 909 CK1	10"

SECOND CHECK KITS

PART #	KIT #	SIZE
40587211	RK 909 CK2	2-1/2" – 3"
40587216	RK 909 CK2	4"
40587217	RK 909 CK2	6"
40587218	RK 909 CK2	8"
40587219	RK 909 CK2	10"

Kit contains item #s 2, 5 and lubricant.

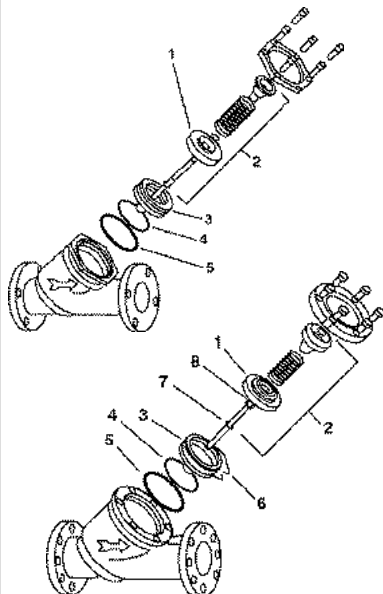
FIRST CHECK RUBBER PARTS KITS

PART #	KIT #	SIZE
40587220	RK 909 RC1	2-1/2" – 3"
40587221	RK 909 RC1	4"
40587223	RK 909 RC1	6"
40587224	RK 909 RC1	8"
40587225	RK 909 RC1	10"

SECOND CHECK RUBBER PARTS KITS

PART #	KIT #	SIZE
40587226	RK 909 RC2	2-1/2" – 3"
40587227	RK 909 RC2	4"
40587228	RK 909 RC2	6"
40587229	RK 909 RC2	8"
40587230	RK 909 RC2	10"

Kit contains item #s 1, 5, 7 & 8 (6" only) and lubricant.



PARTS LISTING FIG. # DESCRIPTION

- 1 Disc
- 2 Disc & Spring Assembly
- 3 Seat
- 4 Seat O-ring
- 5 Cover O-ring
- 6 Retainer Wire
- 7 Lower Stem O-ring (6" only)
- 8 Upper Stem O-ring (6" only)

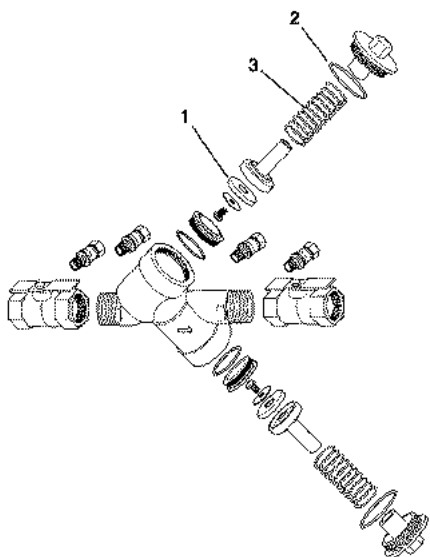
TOTAL RUBBER PARTS KITS

PART #	KIT #	SIZE	
0887750	RK 909 RT	2-1/2" – 3"	Kit contains 1, 5, 7 & 8 (6" only) and item # 3, 4, 6, and 8 from above figure, and lubricant.
0887751	RK 909 RT	4"	
0887752	RK 909 RT	6"	
0887753	RK 909 RT	8"	
0887761	RK 909M1 RT	8"	
0887754	RK 909 RT	10"	
0887762	RK 909M1 RT	10"	



WILKINS BACKFLOW PREVENTION

WILKINS MODEL 950XL DOUBLE CHECK 3/4" – 2" REPAIR KITS



COMPLETE REPAIR KIT CONTENTS

ITEM #	DESCRIPTION	QTY.
1	Seal Ring	2
2	O-Ring, Cover	2
3	Check Spring	2

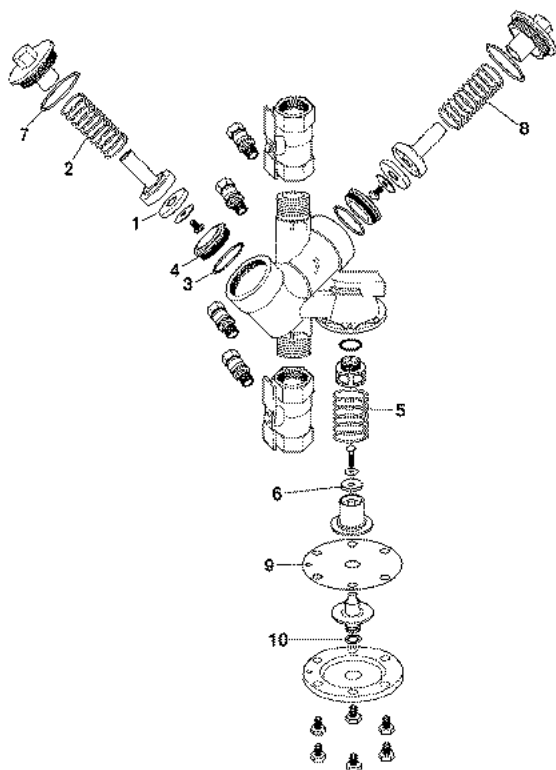
RUBBER REPAIR KIT CONTENTS

ITEM #	DESCRIPTION	QTY.
1	Seal Ring	2
2	O-Ring, Cover	2

REPAIR KITS

DESCRIPTION	SIZE 3/4"	SIZE 1"	SIZE 1-1/4"	SIZE 1-1/2"	SIZE 2"
Complete Repair Kit	40583495	40583495	40583497	40583497	40583497
Rubber Repair Kit	40583496	40583496	40583498	40583498	40583498

WILKINS MODEL 975XL REDUCED PRESSURE PRINCIPLE 3/4" – 2" REPAIR KITS



COMPLETE REPAIR KIT CONTENTS

ITEM #	DESCRIPTION	QTY.
1	Seal Ring	2
2	No. 1 Check Spring	1
5	Relief Valve Spring	1
6	Relief Valve Seal Ring	1
7	O-Ring, Cover	2
8	No. 2 Check Spring	1
9	Relief Valve Diaphragm	1
10	O-Ring, Relief Valve Stem	1

RUBBER REPAIR KIT CONTENTS

ITEM #	DESCRIPTION	QTY.
1	Seal Ring	2
7	O-Ring, Cover	2
6	Relief Valve Seal Ring	1
9	Relief Valve Diaphragm	1
10	O-Ring, Relief Valve Stem	1

FREQUENTLY ORDERED REPAIR PARTS

ITEM #	DESCRIPTION	PART #
3	O-ring, 3/4"-1"	40581250
4	Seat, 3/4"-1"	40585218
3	O-ring, 1-1/4" – 2"	40581420
4	Seat, 1-1/4" – 2"	40585418

REPAIR KITS

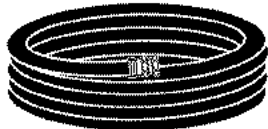
DESCRIPTION	SIZE 3/4"	SIZE 1"	SIZE 1-1/4"	SIZE 1-1/2"	SIZE 2"
Complete Repair Kit	40585977	40585977	40585978	40585978	40585978
Rubber Repair Kit	40585979	40585979	40585980	40585980	40585980



GARDEN HOSE

HEAVY DUTY PROFESSIONAL GRADE GARDEN HOSE

A rugged, heavy reinforced rubber hose used by contractors. Solid brass, crush proof connections.



#28328 3/4" x 50'

WORLD'S GREATEST HOSE NOZZLE

#28338



Adjusts from a full blast to needle spray. Excellent for moving dirt and debris. Ideal for patios, cars, boats, driveways, and gardens. All brass construction.

HEAVY DUTY COMMERCIAL GRADE GARDEN HOSE

Formulated for super softness and super flexibility. Brass, crush proof connections.



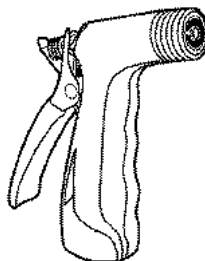
#28329 5/8" x 25'

#28330 5/8" x 50'

#28331 5/8" x 75'

AQUA-GUN NOZZLE

#03140



Insulated heavy duty nozzle with threaded front for attaching water accessories. Locking clip holds continuous spray of any pattern. Solid brass stem and adjustment knob.

HOT WATER GARDEN HOSE

Ideal for work where hot water is desirable. Safe for water up to 180° Solid brass, crush proof connections.



#28332 5/8" x 25'

#28333 5/8" x 50'

FRONT TRIGGER PISTOL GRIP NOZZLE

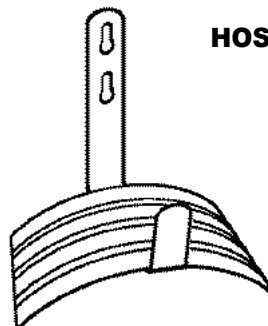
#52871



Durable die-cast metal body. Solid brass memory spray pattern control. Flow control dial. Easy front trigger grip. Insulated grip for cold water comfort. Self-closing, spring-action flow lever provides positive shut-off. Lock-on water clip.

HOSE HANGER

#28337 Plastic



*Many other styles available.
Call for assistance.*

BRASS NOZZLE

#28340



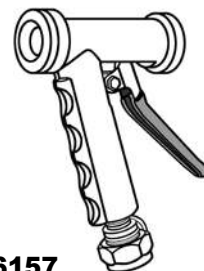
The industry standard! Heavy, solid rod brass for rugged, reliable performance designed to last a lifetime. Rustproof & leak resistant. Self rising stem and positive shut off. Fully adjustable from fine mist to full stream.

INDUSTRIAL SPRAY NOZZLE



#86156
Black

Long handle design grip for whole hand placement. Weighs only 1.8 lbs. Rev-o-cap Renewable Cartridge unit design for greater longevity. Replaceable heavy-duty renewable rubber cover available in black and white. Stainless steel seat design prevents nozzle seat leakage. Bronze construction. Instant water shut-off when trigger is released. Includes 1/2", 5/8", 3/4" I.D. hose barb. or 3/4" GHT swivel adapter with locking ring. Note: Not suitable for stream service.



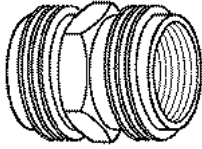
#86157
White



HOSE REPAIR

DOUBLE MALE HOSE NIPPLE

Solid rod brass. Rustproof.
Precision machines threads.

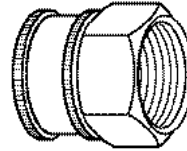


MALE x MALE

- #28300** 1/2" IPS x Hose
- #28301** 3/4" IPS x Hose
- #28302** Hose x Hose
- #28320** Hose x Hose x 1/2" IPS

DOUBLE FEMALE SWIVEL ADAPTER

Solid rod brass. Rustproof.
Precision machines threads.

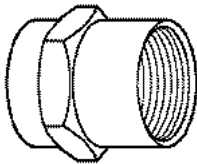


FEM x FEM

- #28317** 1/2" IPS x Hose
- #28318** 3/4" IPS x Hose
- #28319** Hose x Hose

DOUBLE FEMALE HOSE COUPLING

Solid rod brass. Rustproof.
Precision machine threads.



FEM x FEM

- #28303** 1/2" IPS x Hose
- #28304** 3/4" IPS x Hose

DELUXE AERATOR WITH GARDEN HOSE ADAPTER

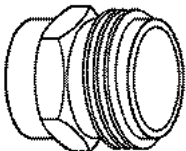
05331



Adapts faucet aerator to 3/4" male garden hose threads. Great for quick hook-up in lavatory or kitchen !

FEMALE x MALE HOSE ADAPTER

Solid rod brass. rustproof.
Precision machines threads.



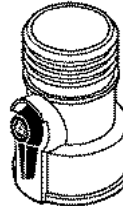
FEM x MALE

- #28312** 1/2" IPS x Hose
- #28313** Hose x 1/2" IPS
- #28314** 3/4" IPS x Hose
- #28315** Hose x 3/4" IPS

HOSE SHUT OFF



- #52869** H.D. Brass - Full Port Swivel End



- #28323** C.P. Die Cast. Positive shut-off. Leak resistant.

HOSE END CAPS

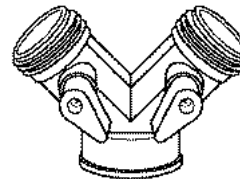


- #28306** Brass

- #28307** Plastic

Includes washer

DOUBLE HOSE "Y" WITH SHUT OFF



Operate two hoses from one faucet. Positive, leakproof, Independent shutoff's.

- #52866** H.D. Brass
- #28324** C.P. Die Cast

GARDEN HOSE WASHERS



- #28308** Cloth Inserted Rubber



- #28309** With Tabs

DOUBLE HOSE "Y"



- #28325** Solid Brass



- #28326** Die Cast, Chrome Plated. Hose Cap included.



HOSE REPAIR

WROUGHT BRASS REUSABLE REPAIR COUPLING



Wrought brass construction.
Rustproof & leakproof.

NO LONGER AVAILABLE

PREMIUM HOSE REPAIR COUPLING



Fits 5/8" & 3/4"

#28351 Complete Set

#28352 Male Only

#28353 Female Only

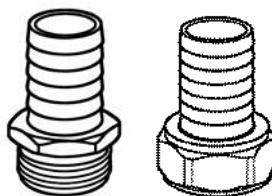
Simply slide the coupling onto the hose and tighten the clamp with a standard screwdriver. For all sizes of rubber and plastic hose. Rustproof, leak resistant, and long lasting.

SOLID BRASS GOOSENECK HOSE SWIVEL



NO LONGER AVAILABLE

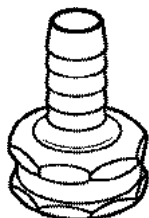
1" HEAVY PATTERN COUPLING SOLID ROD BRASS



#27921 Male

#27922 Female

HEAVY PATTERN FEMALE COUPLING SOLID ROD BRASS



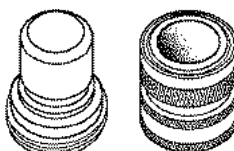
#28345 1/2"

#28346 5/8"

#28347 3/4"

QUICK DISCONNECT BRASS COUPLER SET

Solid rod brass. For quickly
changing hose accessories.

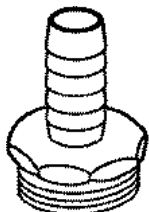


#28357 2 Pc. Set

#28358 Male

#28359 Female

HEAVY PATTERN MALE COUPLING SOLID ROD BRASS



#28348 1/2"

#28349 5/8"

#28350 3/4"

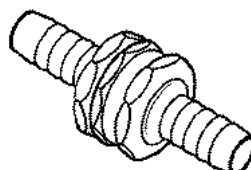
HOSE SAVER



#28360

Prevents hose kinks and bends at the faucet ! Eliminates restricted water flow and prolongs hose life. Fits all standard hoses.

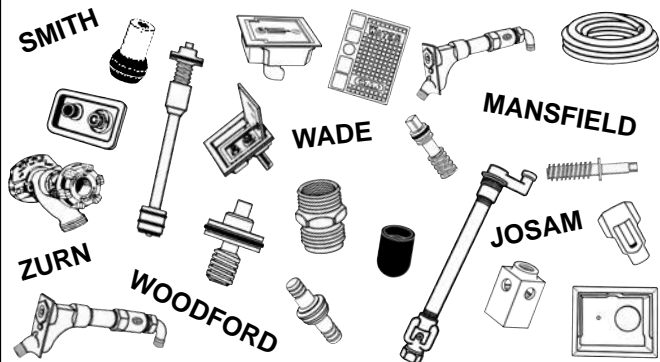
HEAVY PATTERN COUPLING SET SOLID ROD BRASS



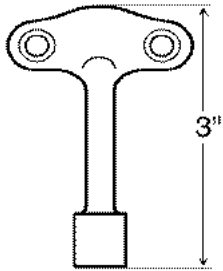
#28361 1/2"

#28362 5/8"

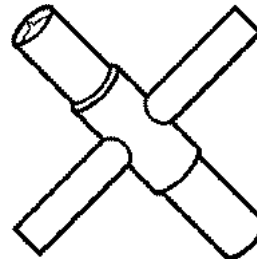
#28363 3/4"



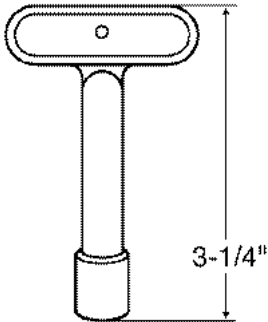
HYDRANT REPAIR



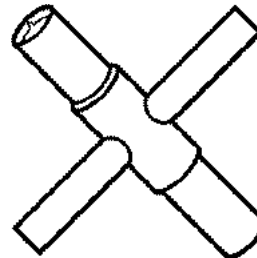
KEY
#45587
Fits 1/4" Square



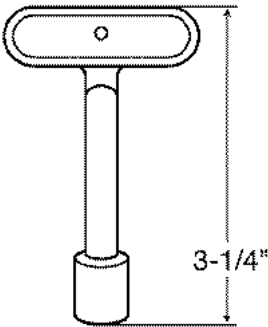
FOUR WAY KEY
#03029
• Fits 1/4", 9/32", 5/16", 11/32"
• Fits stopcocks, sillcocks & valves
• Precision machined



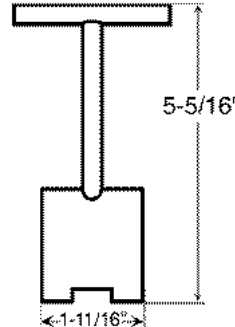
KEY
#54267
Fits 9/32" Square



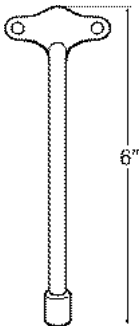
FITS ZURN
FOUR WAY KEY
#03029Z
• Fits 1/4", 9/32", 5/16", 3/8"
• Fits stopcocks, sillcocks & valves
• Precision machined



KEY
#45594
Fits 3/8" Square
Fits Zurn

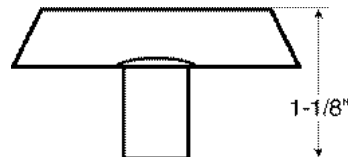


KEY
#35012
Fits Smith

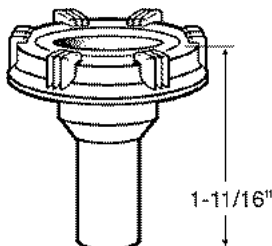


GAS VALVE KEY

#45590
1/4" x 6" Cast Brass
#45591
5/16" x 6" Cast Brass

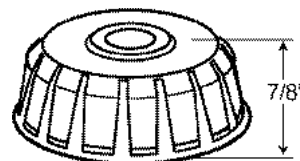


KEY
#45596
Fits 9/32 square.
Thin wall fits some
lav supply stops.



HYDRANT HANDLE FOR WOODFORD

#45592
5/16" 8 point spline broach



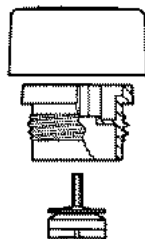
HYDRANT HANDLE FOR WOODFORD

#45597

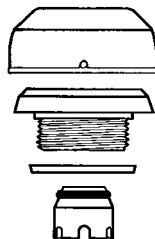


HYDRANT REPAIR

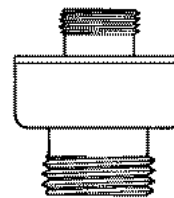
VACUUM BREAKERS FOR HYDRANTS



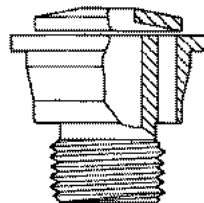
#81816
Woodford
Frost Free Vacuum
Breaker Repair Kit



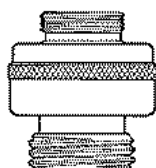
#56942
Smith
Frost Free Vacuum
Breaker Repair Kit



#81607
Wade
Vacuum Breaker
Models W-8620, W-8625,
W-8630, W-8635

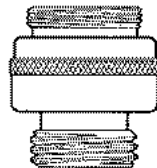


#81817
Zurn
Models Z-1300, Z-1310,
Z-1320, Z-1321, Z-1330



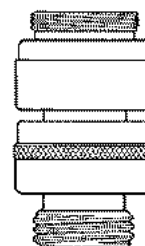
#81818
Chrome Plated

#81819
Brass
Models #24, B24, Y24,
74, B74, 75, B75, 84

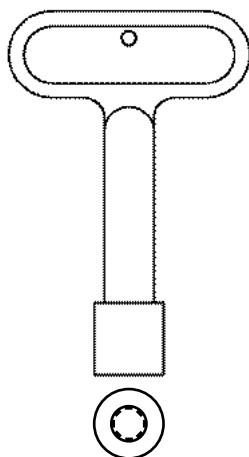


#81820
Chrome Plated

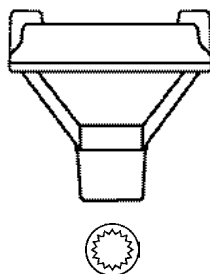
#81821
Brass
Models #25, 65, B65
HC65, HCB65



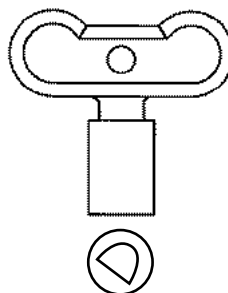
#81822
WO.37HA-BR (BR)
Model #27



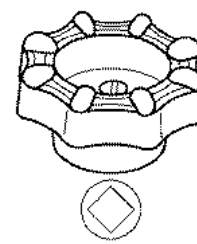
#81812
Woodford Key
8 Point Spline



#81813
Woodford Key
Metal
16 Point Broach



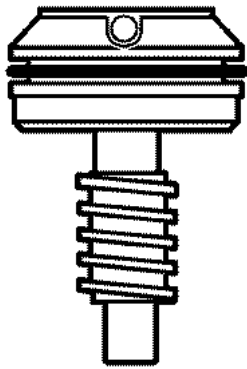
#81814
Prier Brass
"D" Broach



#81815
Watts Wheel Handle
Black Metal
5/16" Square



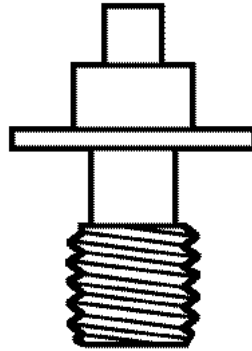
HYDRANT REPAIR



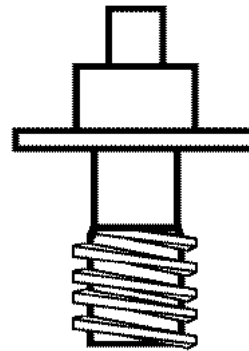
#45571
Josam Actuator
Actual Size



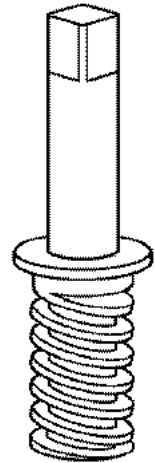
#45572
Josam Stem
Actual Size



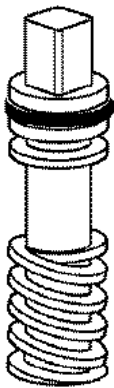
#40300136
Smith Fine Thread
Operating Screw
Actual Size



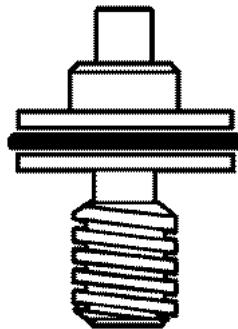
#40300137
Smith Coarse
Thread
Operating Screw
Actual Size



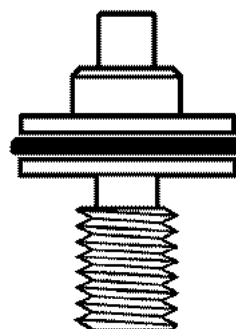
#45573
Wade & Josam Stem
Actual Size



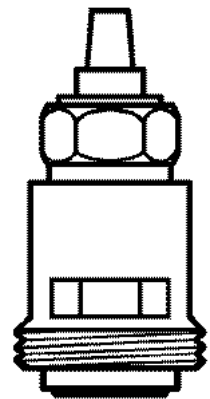
#45574
Wade & Josam Stem
Actual Size



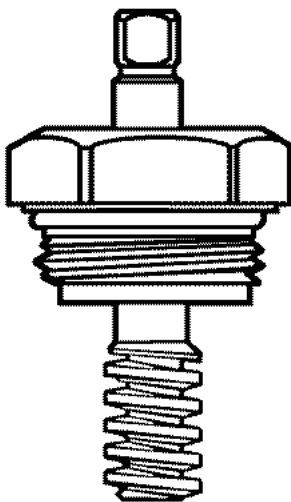
#45575
Smith
Actual Size



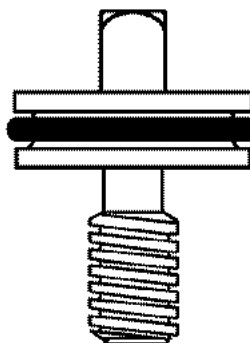
#45576
Smith
Actual Size



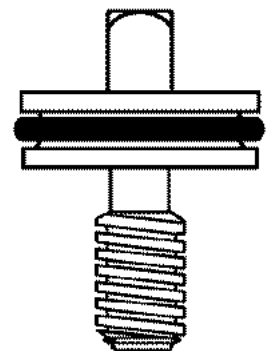
#82085
Smith Ceramic Stem
Actual Size



#45577
Woodford Stem
Actual Size



#45578
Zurn Actuator
Actual Size



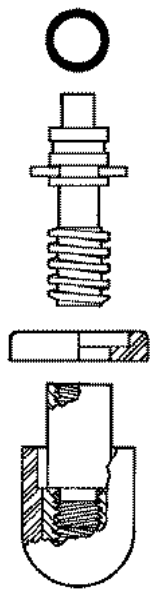
#45579
Zurn Actuator
With Ball
Actual Size



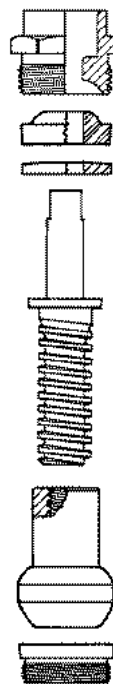
HYDRANT REPAIR



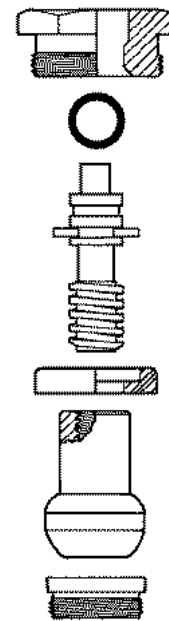
#81823
Replacement for
Josam #14



#81824
Replacement for
Josam #15



#81688
Replacement for
Josam #21



#28606
Replacement for
Josam #22



#54753
Replacement for
Smith # HPRK-2



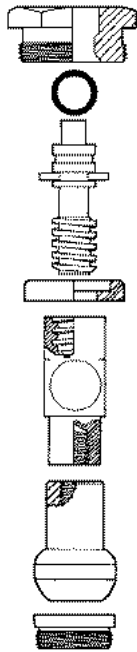
#50909
Replacement for
Smith # HPRK-12



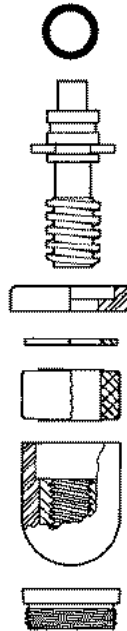
#56316
Replacement for
Smith # HPRK-41



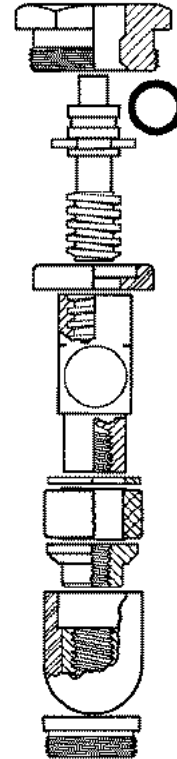
HYDRANT REPAIR



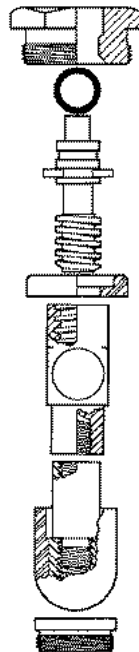
#SP6638
Replacement for
Wade # WK06



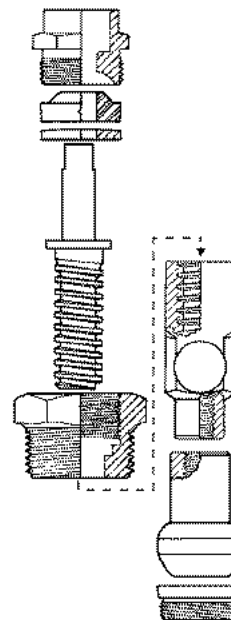
#55623
Replacement for
Wade # WK10



#56310
Replacement for
Wade # WK11



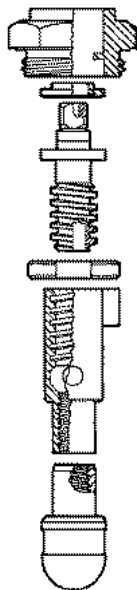
#81825
Replacement for
Wade # WK14



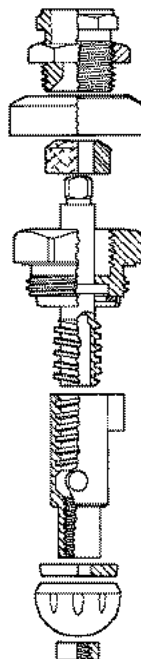
#80880
Replacement for
Wade # WK17



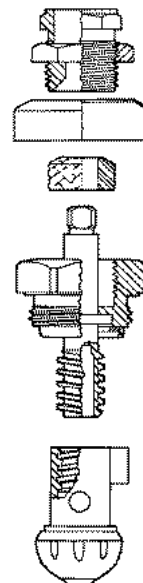
HYDRANT REPAIR



#SP4403
Replacement for
Woodford # RK-65



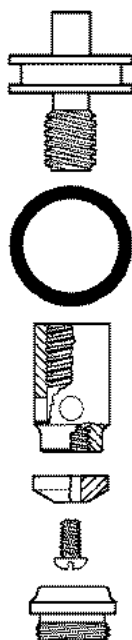
#59653
Replacement for
Woodford # RK-70



#81826
Replacement for
Woodford # RK-71



#50910
Replacement for
Zurn Z-1300RK,
Z-1310RK Repair Kits



#57670
Replacement for
Zurn Z-1305RK,
Z-1315RK, Z-1325RK
(Use 2) Repair Kits



#57142
Replacement for
Zurn Z-1320RK,
Z-1321RK
Repair Kits



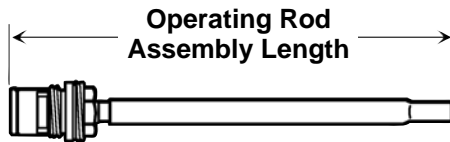
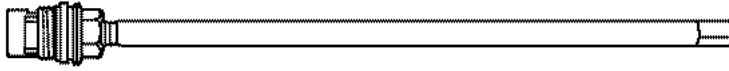
#54570
Replacement for
Zurn Z-1330RK,
Z-1333RK
Repair Kits



HYDRANT REPAIR

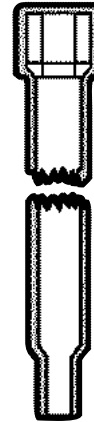
WALL HYDRANT CARTRIDGE ASSEMBLY

For New Style Ceramic Disc Hydrants



#82070	6-1/8"	#58922	16-1/8"
#82071	8-1/8"	#82073	20-1/8"
#82072	10-1/8"	#82074	22-1/8"
#81889	12-1/8"	#82075	24-1/8"
#80280	14-1/8"	#82076	26-1/8"

CARTRIDGE REMOVAL TOOL

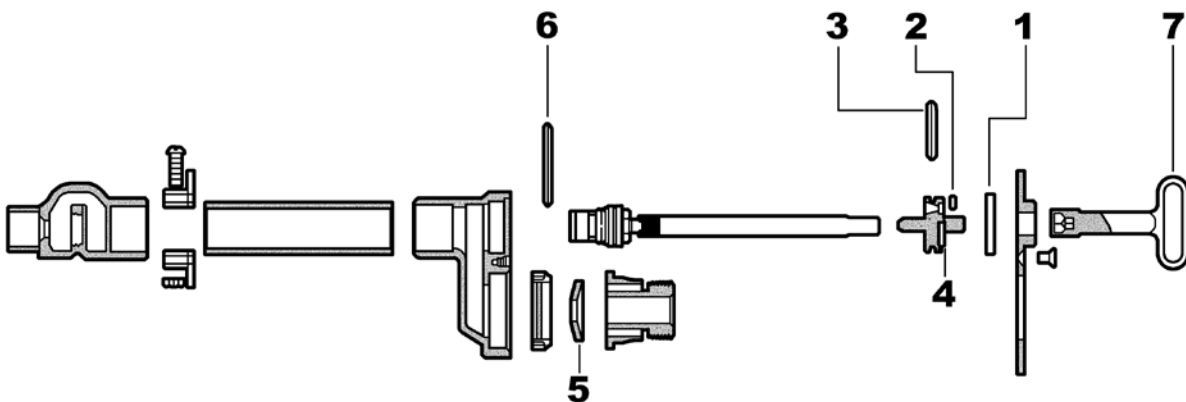


#45511
For cartridges
up to 12"

#81877
For cartridges
up to 24"

*Must Provide
Operating Rod
Assembly Length !*

NEW STYLE CARTRIDGE REPAIR KIT #45549



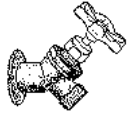
Kit Contains Items 1-7

- | | | |
|---------------------|-----------------------|------------------------|
| 1. Retaining Washer | 3. O-Ring | 5. "Equa-Balance" Seal |
| 2. O-Ring | 4. Operating Coupling | 6. Disc O-Ring |
| | | 7. Key |



VALVES

LAWN BIBB FAUCET WITH HOSE THREAD OUTLET



#50119 1/2" Female IPS

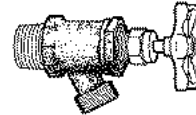
#50120 3/4" Female IPS



#50121 1/2" Copper Sweat

#50122 3/4" Copper Sweat

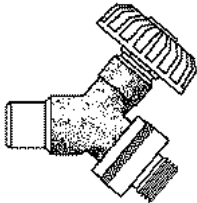
BOILER VALVE WITH HOSE THREAD OUTLET (BUDGET)



#50128 1/2" Male IPS

#50129 3/4" Male IPS

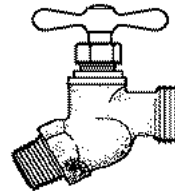
ANTI-CONTAMINATION LAWN FAUCET WITH VACUUM BREAKER



#50123

INLET - 1/2" Copper tube inside
3/4" Copper outside

HEAVY DUTY BOILER VALVES



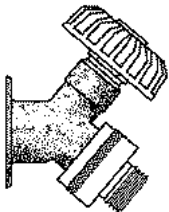
#57575

1/2"

#57576

3/4"

ANTI-CONTAMINATION LAWN FAUCET WITH VACUUM BREAKER



#50124

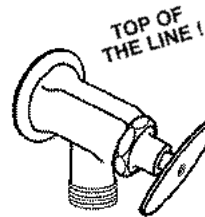
INLET - 1/2" Female pipe thread

#50125

INLET - 3/4" Female pipe thread

HEAVY PATTERN BIBB FAUCET

CHICAGO FAUCETS



#50132 (293CP)

Chrome plated, 1/2" Female inlet. 3/4" Hose thread outlet. Lock shield cap and removable key.

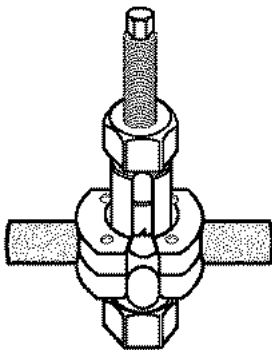
#55129 (293RCF)

Rough chrome, 1/2" Female inlet. 3/4" Hose thread outlet. Lock shield cap and removable key.

ADD-A-VALVE FOR COPPER PIPE

Replace A Valve Without Shutting Off The Water !

Jomar



The ADD-A-VALVE is an emergency shut off device - a tool used to install a new valve or remove a defective valve. A defective valve may be replaced or a new ball valve may be installed on hot (220°F/104°C) or cold water, including hot or chilled H2O glycol systems, under pressure from 0 to 250 PSI/17 bar max., on M, L, or K copper tubing (metric copper tubing available,) without shutting off the water, in 30 minutes or less.

#52479 1/2"

#53347 3/4"

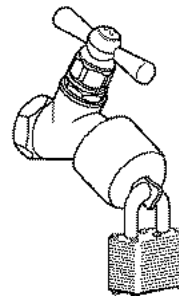
#56444 1"

#56445 1-1/4"

#56446 1-1/2"

#56447 2"

HOSE BIBB LOCKOUT



#58082

- Eliminates unauthorized water usage.
- Substantial savings of ever increasing water bills.
- Adapts to garden hose bibbs and hose connection vacuum breakers.
- Installs and removes in seconds.
- Provides public protection from grey water.



CALL US... WE CAN HELP !

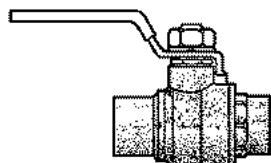


VALVES

EQUI-VALVES

600 WOG/150 WSP RATED
TWO PIECE CONSTRUCTION FULL PORT VALVE

PART #	IPS	PART #	IPS
#57886	1/4"	#57844	1"
#57880	3/8"	#57845	1-1/4"
#57842	1/2"	#57846	1-1/2"
#57843	3/4"	#57847	2"

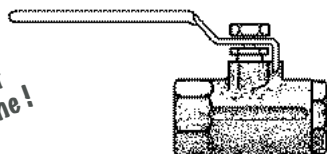


COPPER SWEAT

#57850	1/2" C x C
#57851	3/4" C x C
#57852	1" C x C
#57853	1-1/4" C x C
#57854	1-1/2" C x C
#57855	2" C x C

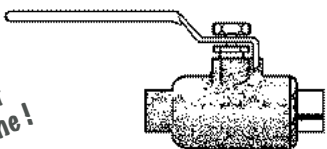
BRONZE APOLLO BALL VALVES 600 WOG

Top Of
The Line!



IPS	IPS
#50105 1/4"	#50109 1"
#50106 3/8"	#50110 1-1/4"
#50107 1/2"	#50111 1-1/2"
#50108 3/4"	#50112 2"

Top Of
The Line!

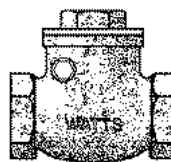


COPPER SWEAT

#50113	1/2" C x C	#50116	1-1/4" C x C
#50114	3/4" C x C	#50117	1-1/2" C x C
#50115	1" C x C	#50118	2" C x C

BRONZE CHECK VALVE

RATING 125 WSP - 200 WOG - METAL TO METAL SEATING

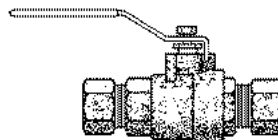


COPPER SWEAT AVAILABLE
ON REQUEST

PART#	IPS
#50087	3/8"
#50088	1/2"
#50089	3/4"
#50090	1"
#50091	1-1/4"
#50092	1-1/2"
#50093	2"

BRONZE COMPRESSION BALL VALVE (IMPORT)

400 LB. WOG



#50094	1/2" Nominal
#50095	3/4" Nominal
#50096	1" Nominal

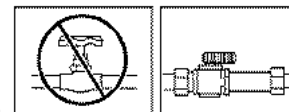
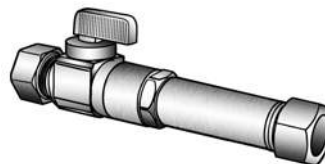
BRONZE VERTICAL CHECK VALVE

RATING 125 - 400 WOG - TEFLON SEAT



PART#	IPS
#50097	1/4"
#50098	3/8"
#50099	1/2"
#50100	3/4"
#50101	1"
#50102	1-1/4"
#50103	1-1/2"
#50104	2"

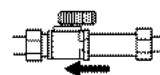
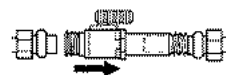
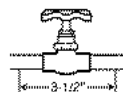
NO SOLDER EQUIPRO REPAIR BALL VALVE



Replaces old leaking
seized valves!

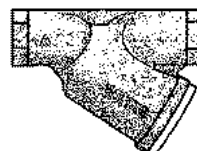
#59741 For 1/2" copper

#59743 For 3/4" copper



"Y" STRAINER BRONZE

20 MESH STAINLESS SCREEN
RATING 125 WSP 250 WWP



COPPER SWEAT AVAILABLE
ON REQUEST

PART#	IPS
#50079	1/4"
#50080	3/8"
#50081	1/2"
#50082	3/4"
#50083	1"
#50084	1-1/4"
#50085	1-1/2"
#50086	2"



PUSH-FIT COPPER FITTINGS

SharkBite™ Push-Fit Fittings are designed to simplify pipe installation. The fittings allow the user to connect pipe in seconds with relative ease.

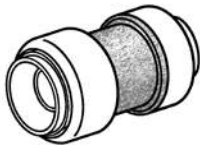
- Instant Push-fit Connection For Increased Ease-of-Use: *No soldering required.*
- Fittings Certified to 200 PSI and 180°F (82°C): *Proven durability and quality.*
- Compact, Corrosion Resistant, Robust DZR Brass Body: *Foundation of a strong, durable fitting.*
- Can be used on Pex tubing.

SHARKBITE BALL VALVE



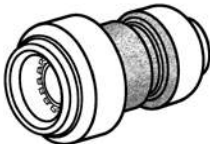
#81060	1/2"
#81061	3/4"
#81062	1"
#84458	1-1/4"
#84459	1-1/2"
#84460	2"

STRAIGHT COUPLING



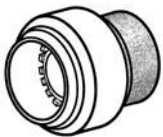
#58600	1/2" x 1/2"
#58601	3/4" x 3/4"
#58602	1" x 1"
#84420	1-1/4" x 1-1/4"
#84421	1-1/2" x 1-1/2"
#84422	2" x 2"

REDUCING COUPLING



#58609	3/4" x 1/2"
#58610	1" x 3/4"
#84426	1-1/4" x 1"
#84427	1-1/2" x 1-1/4"
#84428	2" x 1-1/2"

END STOP



#58630	1/2"
#58631	3/4"
#58632	1"
#84455	1-1/4"
#84456	1-1/2"
#84457	2"

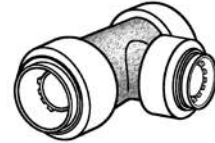
SHARKBITE REPAIR KIT



#60320
Contains 40
Assorted pieces of
1/2" & 3/4" Fittings

TEE

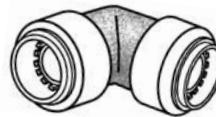
#58611	1/2" x 1/2" x 1/2"
#58612	3/4" x 3/4" x 3/4"
#58614	3/4" x 3/4" x 1/2"
#58617	3/4" x 1/2" x 1/2"
#58616	3/4" x 1/2" x 3/4"
#58613	1" x 1" x 1"
#58615	1" x 1" x 3/4"
#84444	1-1/4"
#84445	1-1/2"
#84446	2"



REDUCING TEE

#84447	1-1/4" x 1-1/4" x 1/2"
#84448	1-1/4" x 1-1/4" x 3/4"
#84449	1-1/4" x 1-1/4" x 1"
#84450	1-1/2" x 1-1/2" x 3/4"
#84451	1-1/2" x 1-1/2" x 1"
#84452	1-1/2" x 1-1/2" x 1-1/4"
#84453	2" x 2" x 1-1/4"
#84454	2" x 2" x 1-1/2"

90° ELBOW



#58606	3/4" x 1/2"
#58607	1/2" x 1/2" MNPT
#58608	1/2" x 1/2" FNPT
#84435	1-1/4"
#84436	1-1/2"
#84437	2"

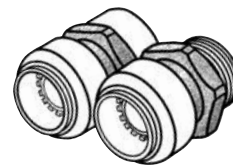
45° ELBOW

#84438	1-1/4"
#84439	1-1/2"
#84440	2"

45° STREET ELBOW

#84441	1-1/4"
#84442	1-1/2"
#84443	2"

STRAIGHT CONNECTOR



Female

#58618	1/2" x 3/4" FNPT
#58619	1/2" x 1/2" FNPT
#58620	3/4" x 3/4" FNPT
#58621	1" x 1" FNPT
#84429	1-1/4" x 1-1/4" FNPT
#84430	1-1/2" x 1-1/2" FNPT
#84431	2" x 2" FNPT

Male

#58624	3/4" x 3/4" MNPT
#58623	1/2" x 1/2" MNPT
#58625	1" x 1" MNPT
#58626	1" x 3/4" MNPT
#84432	1-1/4" x 1-1/4" MNPT
#84433	1-1/2" x 1-1/2" MNPT
#84434	2" x 2" MNPT

DISCONNECTING CLIP FOR SHARKBITE FITTINGS

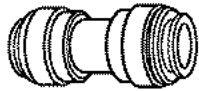


#58633	1/2"	#84461	1-1/4"
#58634	3/4"	#84462	1-1/2"
#58635	1"	#84463	2"



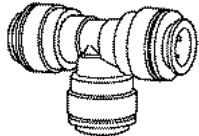
PLASTIC SPEEDFIT

REDUCING UNION



	TUBE OD		TUBE OD
#81749	3/8 x 1/4	#82546	3/4 x 1/2
#81750	1/2 x 3/8	#82547	1 x 3/4

UNION TEE



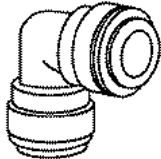
	TUBE OD		TUBE OD
#81751	1/4	#81754	1/2
#81752	5/16	#82539	3/4
#81753	3/8	#82549	1

FIXED ELBOW



	TUBE OD x MIPS		TUBE OD x MIPS
#81755	1/4 x 1/8	#81758	3/8 x 1/4
#81756	1/4 x 1/4	#81759	3/8 x 3/8
#81757	1/4 x 3/8		

UNION ELBOW



	TUBE OD		TUBE OD
#81760	1/4	#81763	1/2
#81761	5/16	#82543	3/4
#81762	3/8	#82544	1

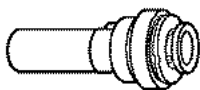
REDUCING ELBOW



	TUBE OD
#81764	5/16 x 1/4
#81765	3/8 x 1/4
#81766	1/2 x 3/8

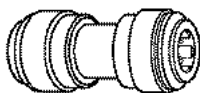
REDUCER

STEM OD x TUBE OD



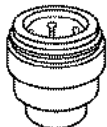
#81767	3/8 x 1/4	#81770	5/8 x 3/8
#81768	1/2 x 3/8	#81771	5/8 x 1/2
#81769	5/8 x 1/4		

COUPLINGS



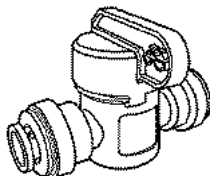
	TUBE OD		TUBE OD
#81739	1/4	#82537	3/4
#81740	3/8	#82538	1
#82033	1/2		

END STOP



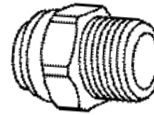
	TUBE OD
#82552	1/2
#82553	3/4
#82554	1

BALL VALVES



	TUBE OD
#82060	1/4
#82061	3/8
#86395	1/2
#86396	3/4

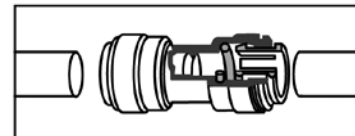
MALE CONNECTOR



	TUBE OD x MIPS		TUBE OD x MIPS
#81772	1/4 x 1/8	#81776	3/8 x 3/8
#81773	1/4 x 1/4	#81777	3/8 x 1/2
#81774	1/4 x 3/8	#81778	1/2 x 3/8
#81775	3/8 x 1/4	#81779	1/2 x 1/2

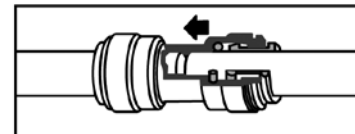
MAKING A JOHN GUEST SPEEDFIT CONNECTION

NOT FOR USE ON COPPER



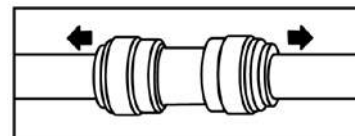
1. Cut Tube Square

Cut the tube square. It is essential that the outside diameter be free of score marks and that burrs and sharp edges be removed before inserting into the fitting. For soft or thin-walled plastic tubing we recommended the use of a tube insert.



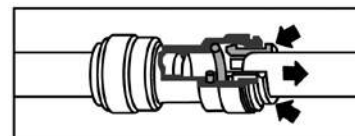
2. Push Up to Stop

Push the tube into the fitting, up to the tube stop. The collet (gripper) has stainless steel teeth which hold the tube firmly in position, while the o-ring provides a permanent leak-proof seal.



3. Pull to Check it's Secure

Pull on the tube to check that it is secure. it is a good practice to test the system prior to leaving the site and/or before use.



4. Push in Collet and Remove Tube

To disconnect, ensure the system is depressurized before removing the tube. Push in collet squarely against the face of fitting. With the collet held in this position, the tube can be removed. The fitting can then be re-used.



COMPRESSION FITTINGS BRASS

COMPRESSION NUT



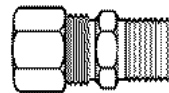
PART #	ACTUAL O.D. SIZE
#27593	1/4"
#27594	5/16"
#27595	3/8"
#27596	7/16"
#27597	1/2"
#27598	5/8"
#27599	3/4"
#27600	7/8"

COMPRESSION UNION



PART #	ACTUAL O.D. SIZE
#27610	1/4"
#27611	5/16"
#27612	3/8"
#27613	7/16"
#27614	1/2"
#27615	5/8"
#27616	3/4"
#27617	7/8"

MALE ADAPTER



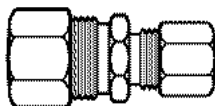
PART #	ACTUAL O.D. SIZE x IPS
#27850	1/4" x 1/8"
#27680	1/4" x 1/4"
#27681	1/4" x 3/8"
#27682	1/4" x 1/2"
#27684	5/16 x 1/4"
#27685	5/16" x 3/8"
#40900069	5/16" x 1/2"
#27687	3/8" x 1/4"
#27688	3/8 x 3/8"
#27689	3/8" x 1/2"
#27690	3/8" x 3/4"
#27691	7/16" x 1/4"
#27692	7/16" x 3/8"
#27693	1/2" x 1/4"
#27694	1/2" x 3/8"
#27695	1/2" x 1/2"
#27696	1/2" x 3/4"
#27697	5/8" x 3/8"
#27698	5/8" x 1/2"
#27699	5/8" x 3/4"
#27700	3/4" x 1/2"
#27701	7/8" x 3/4"
#27618	7/8" x 1/2"
#27702	7/8" x 3/4"
#27620	7/8" x 1"

BRASS SLEEVE



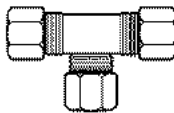
PART #	ACTUAL O.D. SIZE
#27582	3/16"
#27583	1/4"
#27584	5/16"
#27585	3/8"
#27586	7/16"
#27587	1/2"
#27588	5/8"
#27589	3/4"
#27590	7/8"

REDUCING UNION WITH STOP



PART #	ACTUAL O.D. SIZE
#27619	3/16" x 1/4"
#27622	3/8 x 1/4"
#27623	1/2" x 3/8"
#27624	5/8 x 3/8"
#27625	5/8" x 1/2"

COMPRESSION TEE



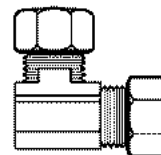
PART #	ACTUAL O.D. SIZE
#27637	1/4"
#27638	5/16"
#27639	3/8"
#27640	7/16"
#27641	1/2"
#27642	5/8"
#27643	3/4"
#51022	7/8"

PLASTIC SLEEVE



PART #	ACTUAL O.D. SIZE
#51020	1/4"
#27592	5/16"
#27601	3/8"
#27602	1/2"
#27603	5/8"

COMPRESSION ELBOW

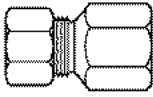


#55660	1/4" x 1/4"
#51786	3/8" x 3/8"
#83242	1/2" x 1/2"
#57976	5/8" x 5/8"
#83243	3/4" x 3/4"
#57900	7/8" x 7/8"



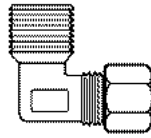
COMPRESSION FITTINGS BRASS

FEMALE ADAPTER



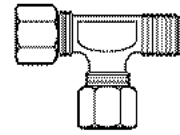
PART #	ACTUAL O.D. SIZE x IPS
#27648	1/4" x 1/4"
#27649	1/4" x 3/8"
#27650	1/4" x 1/2"
#27652	5/16 x 1/4"
#27653	5/16" x 3/8"
#27655	3/8" x 1/4"
#27656	3/8 x 3/8"
#27657	3/8" x 1/2"
#27626	3/8" x 3/4"
#27659	1/2" x 1/4"
#27660	1/2" x 3/8"
#27661	1/2" x 1/2"
#27627	1/2" x 3/4"
#27662	5/8" x 3/8"
#27663	5/8" x 1/2"
#27664	5/8" x 3/4"
#27665	3/4" x 1/2"

MALE ELBOW ADAPTER



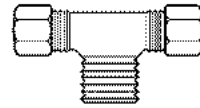
PART #	ACTUAL O.D. SIZE x IPS
#27707	1/4" x 1/4"
#27708	1/4" x 3/8"
#27709	1/4" x 1/2"
#27711	5/16 x 1/4"
#27712	5/16" x 3/8"
#27633	5/16" x 1/2"
#27714	3/8" x 1/4"
#27715	3/8" x 3/8"
#27716	3/8" x 1/2"
#27634	3/8" x 3/4"
#27635	7/16" x 1/4"
#27636	7/16" x 3/8"
#27718	1/2" x 1/4"
#27719	1/2" x 3/8"
#27720	1/2" x 1/2"
#27721	1/2" x 3/4"
#27722	5/8" x 3/8"
#27723	5/8" x 1/2"
#27905	5/8" x 3/4"
#27725	3/4" x 1/2"
#27726	3/4" x 3/4"
#27644	7/8" x 1/2"
#27645	7/8" x 3/4"

MALE RUN TEE ADAPTER



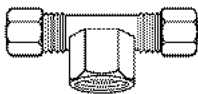
PART #	ACTUAL O.D. SIZE x IPS
#27744	1/4" x 1/4"
#27746	5/16" x 1/4"
#27748	3/8" x 1/4"
#27751	1/2" x 3/8"
#27752	1/2" x 1/2"
#27753	5/8" x 1/2"
#27754	3/4" x 1/2"
#27654	3/4" x 3/4"

TEE WITH MALE ADAPTER



PART #	ACTUAL O.D. SIZE x IPS
#27758	1/4" x 1/4"
#27760	5/16" x 1/4"
#27762	3/8" x 1/4"
#27763	3/8" x 3/8"
#27658	3/8" x 1/2"
#27667	1/2" x 1/4"
#27765	1/2" x 3/8"
#27766	1/2" x 1/2"
#27767	5/8" x 1/2"
#27768	3/4" x 1/2"
#27668	3/4" x 3/4"

FEMALE TEE



PART #	ACTUAL O.D. SIZE x IPS
#27630	3/8" x 1/4"
#27631	3/8" x 3/8"
#27632	1/2" x 3/8"

CAP FOR COMPRESSION FITTING



PART #	ACTUAL O.D. SIZE
#27604	1/4"
#27605	3/8"
#27606	1/2"
#27607	5/8"

COMPRESSION PLUG



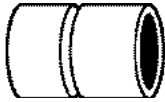
PART #	ACTUAL O.D. SIZE x IPS
#44562	3/8"
#44755	5/8"

*Insert into standard compression nut
to plug opening on compression fitting.*



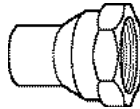
COPPER FITTINGS

COUPLING WITH STOP



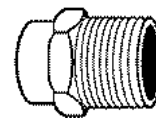
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44545	1/8"	1/4"
#44546	1/4"	3/8"
#44547	3/8"	1/2"
#44548	1/2"	5/8"
#44550	3/4"	7/8"
#44552	1"	1-1/8"
#44553	1-1/4"	1-3/8"
#44554	1-1/2"	1-5/8"

REGULAR FEMALE ADAPTER



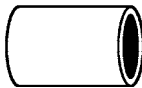
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44626	1/4"	3/8" x 1/4"
#44627	3/8"	1/2" x 3/8"
#44628	1/2"	5/8" x 1/2"
#44629	3/4"	7/8" x 3/4"
#44630	1"	1-1/8" x 1"
#44631	1-1/4"	1-3/8" x 1-1/4"
#44632	1-1/2"	1-5/8" x 1-1/2"

MALE ADAPTER



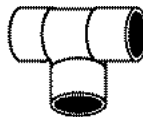
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44633	1/4"	3/8" x 1/4"
#44634	3/8"	1/2" x 3/8"
#44635	1/2"	5/8" x 1/2"
#44636	3/4"	7/8" x 3/4"
#44637	1"	1-1/8" x 1"
#44638	1-1/4"	1-3/8" x 1-1/4"
#44639	1-1/2"	1-5/8" x 1-1/2"

COUPLING WITHOUT STOP



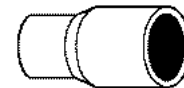
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44537	1/4"	3/8"
#44538	3/8"	1/2"
#44539	1/2"	5/8"
#44541	3/4"	7/8"
#44542	1"	1-1/8"
#44543	1-1/4"	1-3/8"
#44544	1-1/2"	1-5/8"

TEE



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44655	1/4"	3/8"
#44656	3/8"	1/2"
#44657	1/2"	5/8"
#44659	3/4"	7/8"
#44660	1"	1-1/8"
#44661	1-1/4"	1-3/8"
#44662	1-1/2"	1-5/8"

REDUCING COUPLING WITH STOP



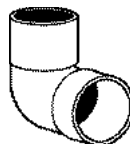
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44663	1/4" x 1/8"	3/8 x 1/4"
#44665	3/8" x 1/8"	1/2 x 1/4"
#44664	3/8" x 1/4"	1/2" x 3/8"
#44668	1/2" x 1/8"	5/8" x 1/4"
#44667	1/2" x 1/4"	5/8" x 3/8"
#44666	1/2" x 3/8"	5/8 x 1/2"
#44675	3/4" x 1/4"	7/8" x 3/8"
#44674	3/4" x 3/8"	7/8" x 1/2"
#44672	3/4" x 5/8	7/8" x 3/4"
#44673	3/4" x 1/2"	7/8" x 5/8"
#44679	1 x 3/8"	1-1/8" x 1/2"
#44678	1 x 1/2"	1-1/8 x 5/8"
#44676	1 x 3/4"	1-1/8" x 7/8"
#44682	1-1/4" x 1/2"	1-3/8" x 1/2"
#44681	1-1/4" x 3/4"	1-3/8 x 7/8"
#44680	1-1/4" x 1	1-3/8" x 1-1/8"
#44683	1-1/2" x 1-1/4"	1-5/8" x 1-3/8"
#44686	1-1/2" x 1/2"	1-5/8" x 5/8"
#44685	1-1/2" x 3/4"	1-5/8" x 7/8"
#44684	1-1/2" x 1"	1-5/8" x 1-1/8"

45° ELBOW



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44559	1/4"	3/8"
#44560	3/8"	1/2"
#44561	1/2"	5/8"
#44563	3/4"	7/8"
#44564	1"	1-1/8"
#44565	1-1/4"	1-3/8"
#44566	1-1/2"	1-5/8"

90° ELBOW

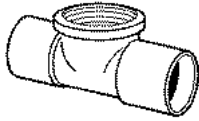


PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44576	1/8"	1/4"
#44577	1/4"	3/8"
#44578	3/8"	1/2"
#44579	1/2"	5/8"
#44581	3/4"	7/8"
#44582	1"	1-1/8"
#44583	1-1/4"	1-3/8"
#44584	1-1/2"	1-5/8"



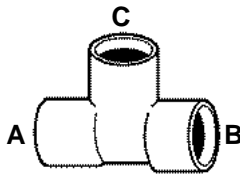
COPPER FITTINGS

COPPER TO COPPER TO FEMALE IPS TEE



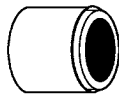
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE x IPS
#44623	1/2" x 1/2" x 1/2"	5/8" x 5/8" x 1/2"
#44624	3/4" x 3/4" x 3/4"	7/8" x 7/8" x 3/4"
#44625	3/4" x 3/4" x 1/2"	7/8" x 7/8" x 1/2"

REDUCING TEE



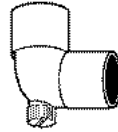
PART #	NOMINAL SIZE A x B x C	ACTUAL O.D. SIZE x IPS A x B x C
#44641	3/4" x 1/2" x 1/2"	7/8" x 5/8" x 5/8"
#44642	3/4" x 1/2" x 3/4"	7/8" x 5/8" x 7/8"
#44643	3/4" x 3/4" x 1/2"	7/8" x 7/8" x 5/8"
#44644	3/4" x 3/4" x 1"	7/8" x 7/8" x 1-1/8"
#44645	1" x 1" x 1/2"	1-1/8" x 1-1/8" x 5/8"
#44646	1" x 1/2" x 1"	1-1/8" x 5/8" x 1-1/8"
#44647	1" x 3/4" x 3/4"	1-1/8" x 7/8" x 7/8"
#44648	1" x 3/4" x 1"	1-1/8" x 7/8" x 1-1/8"
#44649	1" x 1" x 3/4"	1-1/8" x 1-1/8" x 7/8"
#44651	1"-1/4" x 1" x 1"	1-3/8" x 1-1/8" x 1-1/8"
#44652	1-1/4" x 1-1/4" x 3/4"	1-3/8" x 1-3/8" x 7/8"
#44653	1-1/4" x 1-1/4" x 1"	1-3/8" x 1-3/8" x 1-1/8"
#44654	1-1/2" x 1-1/2" x 1-1/4"	1-5/8" x 1-5/8" x 1-3/8"

FLUSH BUSHING



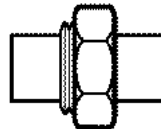
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44687	1/4" x 1/8"	3/8" x 1/4"
#44688	3/8" x 1/4"	1/2" x 3/8"
#44689	1/2" x 3/8"	5/8" x 1/2"
#44690	1/2" x 1/4"	5/8" x 3/8"
#44693	3/4" x 1/2"	7/8" x 5/8"
#44694	1 x 3/4"	1-1/8" x 7/8"
#44695	1 x 1/2"	1-1/8" x 5/8"

DRAIN ELBOW



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44585	1/2"	5/8"
#44586	3/4"	7/8"
#44587	1"	1-1/8"

UNION



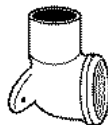
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#58295	1/4"	3/8"
#58296	3/8"	1/2"
#44786	1/2"	5/8"
#44787	3/4"	7/8"
#55759	1"	1-1/8"

DRAIN COUPLING



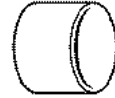
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44557	1/2"	5/8"
#44558	3/4"	7/8"
#44766	1"	1-1/8"

DROP ELBOW 90°



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44699	1/2"	5/8" x 1/2"

TUBE CAP



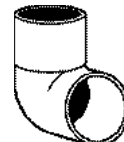
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44567	1/8"	1/4"
#44568	1/4"	3/8"
#44569	3/8"	1/2"
#44570	1/2"	5/8"
#44572	3/4"	7/8"
#44573	1"	1-1/8"
#44574	1-1/4"	1-3/8"
#44575	1-1/2"	1-5/8"

45° STREET ELBOW



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44588	1/4"	3/8"
#44589	3/8"	1/2"
#44590	1/2"	5/8"
#44592	3/4"	7/8"
#44593	1"	1-1/8"
#44594	1-1/4"	1-3/8"
#44595	1-1/2"	1-5/8"

90° STREET ELBOW

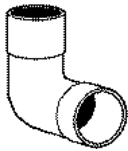


PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44596	1/8"	1/4"
#44597	1/4"	3/8"
#44598	3/8"	1/2"
#44599	1/2"	5/8"
#44601	3/4"	7/8"
#44602	1"	1-1/8"
#44603	1-1/4"	1-3/8"
#44604	1-1/2"	1-5/8"



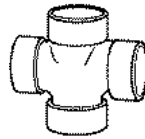
COPPER FITTINGS

90° LONG ELBOW



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44607	1/2"	5/8"
#44609	3/4"	7/8"
#44611	1"	1-1/8"
#44612	1-1/4"	1-3/8"
#44613	1-1/2"	1-5/8"

CROSS



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44701	1/2"	5/8"
#44702	3/4"	7/8"
#44703	1"	1-1/8"
#44704	1-1/4"	1-3/8"
#44705	1-1/2"	1-5/8"

60' SOFT COPPER COILS



TYPE L

PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44712	1/4"	3/8"
#44713	3/8"	1/2"
#44714	1/2"	5/8"
#44715	3/4"	7/8"
#44716	1"	1-1/8"

TYPE K (EXTRA HEAVY)

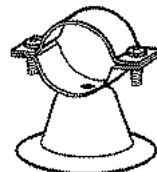
#44640	1/2"	5/8"
#44650	3/4"	7/8"

90° LONG STREET ELBOW



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44614	1/8"	1/4"
#44615	1/4"	3/8"
#44616	3/8"	1/2"
#44617	1/2"	5/8"
#44619	3/4"	7/8"
#44620	1"	1-1/8"
#44621	1-1/4"	1-3/8"
#44622	1-1/2"	1-5/8"

COPPER VAN HANGER



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44722	1/2"	5/8"
#44723	3/4"	7/8"
#59854	1"	1-1/8"

OTHER SIZES AVAILABLE ON REQUEST

10' HARD COPPER PIPE



TYPE L

PART #	ACTUAL O.D. SIZE
#44717	1/2"
#44718	3/4"
#44719	1"
#44720	1-1/4"
#44721	1-1/2"
#59213	2"

TYPE K (EXTRA HEAVY)

#44774	1/2"
#44540	3/4"
#44549	1"
#44658	1-1/4"
#44677	1-1/2"
#55965	2"

CROSS OVER COUPLING



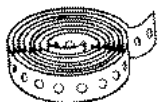
PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44555	1/2"	5/8"
#44556	3/4"	7/8"

COPPER TUBE STRAP



PART #	NOMINAL SIZE	ACTUAL O.D. SIZE
#44529	1/4"	3/8"
#44530	3/8"	1/2"
#44531	1/2"	5/8"
#44533	3/4"	7/8"
#44534	1"	1-1/8"
#44535	1-1/4"	1-3/8"
#44536	1-1/2"	1-5/8"

PERFORATED STRAP 10' COILS



#44749	Galvanized
#44750	Copper Clad

REFRIGERATION COPPER TUBING

DEHYDRATED & SEALED



50 FOOT COILS

PART #	ACTUAL O.D. SIZE
#44706	1/8"
#44707	3/16"
#44708	1/4"
#44709	5/16"
#44710	3/8"
#44711	1/2"

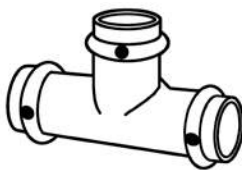


PRO PRESS FITTINGS

ProPress Fittings are defined by the patented Smart Connect Feature. Indicated by green or yellow dots, this feature quickly identifies unpressed fittings. This allows liquids or air to pass by the sealing element during pressure testing. Only ProPress fittings offer the Smart Connect Feature.

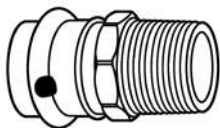
NOTE: The fittings below are for water, which is indicated by green dots. If your fittings display yellow dots (gas,) please call us for assistance.

COPPER TEE



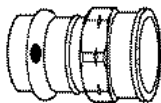
#80113	1/2
#81440	3/4
#SP5281	1
#SP5282	1-1/4
#SP5283	1-1/2
#81367	2

BRONZE MALE ADAPTER



	C x MNPT
#84900	1/2 x 3/8
#81699	1/2 x 1/2
#81565	3/4 x 1/2
#81566	3/4 x 3/4
#81567	1 x 3/4
#81568	1 x 1
#81585	1-1/4 x 1
#83139	1-1/4 x 1-1/4
#83140	1-1/2 x 1-1/2
#80212	2 x 2

BRONZE FEMALE ADAPTER



Other sizes available on request.

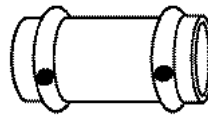
	C x FNPT
#81569	1/2 x 3/8
#81570	1/2 x 1/2
#80120	3/4 x 1/2
#80117	3/4 x 3/4
#84901	1 x 1/2
#84902	1 x 3/4
#82898	1 x 1
#84903	1-1/4 x 1-1/4
#84904	1-1/2 x 1-1/2
#84905	2 x 2

BRONZE BALL VALVE



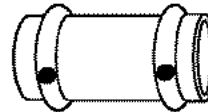
#81374	1/2
#81375	3/4
#81376	1
#81377	1-1/4
#81378	1-1/2
#81379	2

COPPER COUPLING WITH STOP



#45352	1/2
#45376	3/4
#SP5286	1
#SP5287	1-1/4
#SP5288	1-1/2
#81361	2

COPPER COUPLING NO STOP



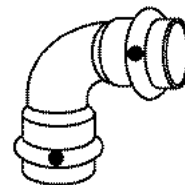
#81362	1/2
#81363	3/4
#81364	1
#81365	1-1/4
#SP6817	1-1/2
#81366	2

COPPER REDUCER



	FTG x C
#80111	3/4 x 1/2
#84906	1 x 1/2
#84907	1 x 3/4
#84908	1-1/4 x 1/2
#84909	1-1/4 x 3/4
#84910	1-1/2 x 3/4
#84911	1-1/2 x 1
#84912	1-1/2 x 1-1/4

COPPER ELBOW 90°



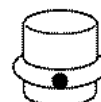
#45191	1/2
#SP5274	3/4
#SP5275	1
#SP5276	1-1/4
#SP5277	1-1/2
#SP5278	2

COPPER ELBOW 45°



#81349	1/2
#81350	3/4
#81351	1
#81352	1-1/4
#81353	1-1/2
#81354	2

COPPER CAP

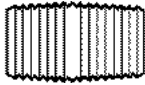


#80119	1/2
#81368	3/4
#81369	1
#81370	1-1/4
#81371	1-1/2
#81372	2



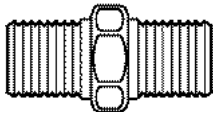
PIPE FITTINGS BRASS

CLOSE NIPPLE



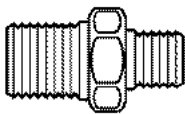
PART #	IPS SIZE
#27669	1/8"
#27860	1/4"
#27861	3/8"
#27862	1/2"
#27863	3/4"

HEX NIPPLE



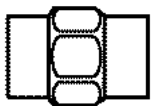
PART #	IPS SIZE
#27621	1/8"
#27885	1/4"
#27886	3/8"
#27887	1/2"
#27888	3/4"
#27670	1"

REDUCING HEX NIPPLE



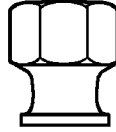
PART #	IPS SIZE
#27889	1/4" x 1/8"
#27890	3/8" x 1/4"
#27671	1/2" x 1/4"
#27891	1/2" x 3/8"
#50997	3/4" x 1/2"

COUPLING



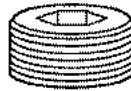
PART #	IPS SIZE
#27811	1/8"
#27812	1/4"
#27813	3/8"
#27814	1/2"
#27815	3/4"

REDUCING COUPLING



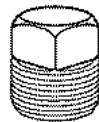
PART #	IPS SIZE
#27898	3/8" x 1/4"
#53219	1/2" x 1/4"
#27900	1/2" x 3/8"
#27674	3/4" x 1/4"
#27675	3/4" x 3/8"
#27676	3/4" x 1/2"

COUNTERSUNK PLUGS



PART #	IPS SIZE
#27911	1/8"
#27902	1/4"
#27903	3/8"
#27904	1/2"
#27677	3/4"
#27678	1"

SQUARE HEAD PLUG



PART #	IPS SIZE
#27679	1/8"
#27840	1/4"
#27841	3/8"
#27842	1/2"
#27843	3/4"
#27844	1"

LONG PIPE NIPPLES

Longer lengths available
Upon request



PART #	IPS SIZE
1/8" #27906	1/8" x 1-1/2"
#27907	1/8" x 2"
#27908	1/8" x 2-1/2"
#27909	1/8" x 3"
#27910	1/8" x 3-1/2"
#27717	1/8" x 4"

LONG PIPE NIPPLES (CONT.)

Longer lengths available
Upon request



PART #	IPS SIZE x LENGTH
1/4" #27865	1/4" x 1-1/2"
#27869	1/4" x 2"
#27873	1/4 x 2-1/2"
#27877	1/4" x 3"
#27881	1/4" x 3-1/2"
#27724	1/4" x 4"

#27866	3/8" x 1-1/2"
#27870	3/8" x 2"
#27874	3/8" x 2-1/2"
3/8" #27878	3/8" x 3"
#27882	3/8" x 3-1/2"
#40900222	3/8" x 4"
#27228	3/8" x 4-1/2"
#27729	3/8" x 5"
#44924	3/8" x 5-1/2"
#44925	3/8" x 6"

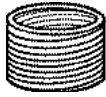
#27867	1/2" x 1-1/2"
#27871	1/2" x 2"
#27875	1/2" x 2-1/2"
#27879	1/2" x 3"
1/2" #27883	1/2" x 3-1/2"
#27730	1/2" x 4"
#51006	1/2" x 4-1/2"
#27732	1/2" x 5"
#27733	1/2" x 5-1/2"
#27734	1/2" x 6"

#27736	3/4" x 2"
#27737	3/4" x 2-1/2"
#27738	3/4" x 3"
#27739	3/4" x 3-1/2"
3/4" #27740	3/4" x 4"
#27741	3/4" x 4-1/2"
#27742	3/4" x 5"
#27743	3/4" x 5-1/2"
#27747	3/4" x 6"



PIPE FITTINGS BRASS

REDUCING FACE BUSHING



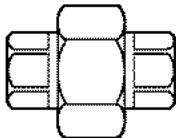
PART #	ACTUAL O.D. SIZE
#27756	3/8" x 1/4"
#27759	1/2" x 3/8"
#27761	3/4" x 1/2"

PIPE CAP



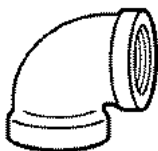
PART #	IPS SIZE
#27769	1/8"
#27770	1/4"
#27771	3/8"
#27772	1/2"
#27773	3/4"
#27912	1"

UNION



PART #	FEMALE IPS SIZE
#27775	1/8"
#27846	1/4"
#27847	3/8"
#27848	1/2"
#27780	3/4"
#27781	1"

ELBOW 90°



PART #	IPS SIZE
#27782	1/8"
#27776	1/4"
#27777	3/8"
#27778	1/2"
#27779	3/4"
#27783	1"

HEX HEAD BUSHING



PART #	MALE IPS x FEMALE IPS
#27683	1/4" x 1/8"
#27686	3/8" x 1/4"
#53091	1/2" x 1/8"
#27703	1/2" x 1/4"
#27704	1/2" x 3/8"
#27705	3/4" x 1/4"
#27706	3/4" x 3/8"
#27710	3/4" x 1/2"
#27713	1" x 3/4"

PIPE TAP



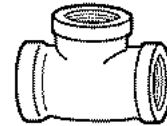
PART#	IPS
#03030	1/8
#03031	1/4
#03032	3/8
#03033	1/2
#03034	3/4
#03035	1
#03036	1-1/4
#03037	1-1/2
#03038	2

THREADING PIPE DIE



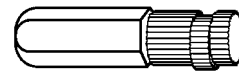
PART #	NPT SIZE	HEX WIDTH	THICK
#27798	1/8 - 27	1-1/16"	3/8"
#27799	1/4 - 18	1-1/4"	5/8"
#27800	3/8 - 18	1-7/16"	5/8"
#27801	1/2 - 14	1-5/8"	3/4"
#27802	3/4 - 14	2"	13/16"
#35912	1-11-1/2	2-3/8"	1"

TEE



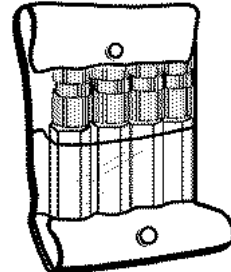
PART #	IPS SIZE
#27755	1/8"
#27784	1/4"
#27785	3/8"
#27786	1/2"
#27787	3/4"
#27788	1"

INTERNAL PIPE EXTRACTOR



PART #	IPS SIZE
#03100	3/8"
#03101	1/2"
#03102	3/4"
#03103	1"

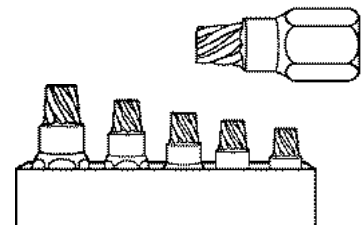
COMPLETE PIPE EXTRACTOR KIT



#27807

Consists of one each 3/8", 1/2", 3/4", and 1" sizes. Provides assurance that you'll have the right size on hand for any situation!

WEDGE PROOF PIPE EXTRACTOR KIT



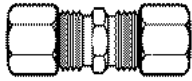
#27808

Contains pipe sizes 1/8", 1/4", 3/8", 1/2", and 3/4"



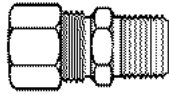
CHROME FITTINGS

CP COMPRESSION UNION



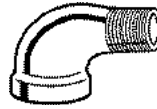
PART #	ACTUAL O.D. SIZE
#50174	3/8"
#50175	1/2"
#50176	5/8"

CP MALE ADAPTER - IPS



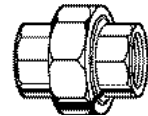
PART #	ACTUAL O.D. SIZE x IPS
#50190	3/8" x 3/8"
#50191	3/8" x 1/2"
#50192	1/2" x 3/8"
#50230	1/2" x 1/2"

CP 90° STREET ELBOW



PART #	SIZE
#50237	1/2"
#50238	3/8"

CP UNION - IPS



PART #	SIZE
#50243	1/2"
#50244	3/8"

CP REDUCING UNION WITH STOP



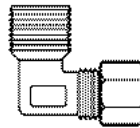
PART #	ACTUAL O.D. SIZE x IPS
#50177	1/2" x 3/8"
#50178	5/8" x 3/8"
#50179	5/8" x 1/2"

CP COMPRESSION NUT



PART #	ACTUAL O.D. SIZE
#50180	3/8"
#50181	1/2"
#50182	5/8"

CP MALE ELBOW



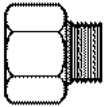
PART #	SIZE
#51353	3/8 MIP x 3/8 OD
#51355	3/8 MIP x 1/2 OD
#51354	1/2 MIP x 3/8 OD
#51357	1/2 MIP x 1/2 OD

CP NIPPLES - 3/8" IPS



PART #	SIZE
#50279	Close
#50278	1-1/2"
#50245	2"
#50246	2-1/2"
#50247	3"
#50248	3-1/2"
#50249	4"
#50250	4-1/2"
#50251	5"
#50252	5-1/2"
#50253	6"

CP COMPRESSION TO COMPRESSION ADAPTER



PART #	SIZE
#44935	1/2" ODF x 3/8" ODM

CP 45° STREET ELBOW - IPS



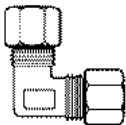
PART #	SIZE
#50233	1/2"
#50234	3/8"

CP COUPLING - IPS



PART #	SIZE
#50239	1/2"
#50240	3/8"

CP ELBOW UNION



PART #	SIZE
#50183	1/2" x 3/8"
#40900294	5/8" x 3/8"

CP 45° ELBOW - IPS



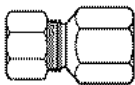
PART #	SIZE
#50231	1/2"
#50232	3/8"

CP TEE - IPS



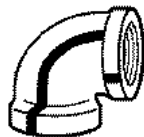
PART #	SIZE
#50241	1/2"
#50242	3/8"

CP FEMALE ADAPTER



PART #	ACTUAL O.D. SIZE x IPS
#50186	3/8" x 3/8"
#50187	3/8" x 1/2"
#50188	1/2" x 3/8"
#50189	1/2" x 1/2"

CP 90° ELBOW - IPS



PART #	SIZE
#50235	1/2"
#50236	3/8"

**IF YOU DO NOT
SEE IT,
CALL FOR
ASSISTANCE.**

CP NIPPLES - 1/2" IPS

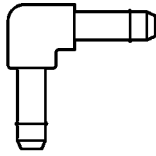


PART #	SIZE
#50281	Close
#50282	1-1/2"
#50254	2"
#50255	2-1/2"
#50256	3"
#50257	3-1/2"
#50258	4"
#50259	4-1/2"
#50260	5"
#50261	5-1/2"
#50262	6"



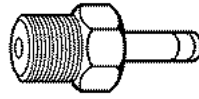
PNEUMATIC BRASS FITTINGS

90° ELBOW



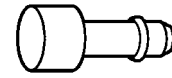
TUBE O.D.	PART #
1/4"	#27809

MALE CONNECTOR



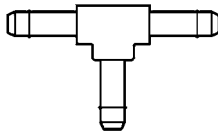
TUBE O.D.	PART #
1/4" x 1/16"	#27817
1/4" x 1/8"	#27818
1/4" x 1/4"	#27819

PLUG



TUBE O.D.	PART #
1/4"	#27828

TEE



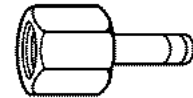
TUBE O.D.	PART #
1/4"	#27810

UNION



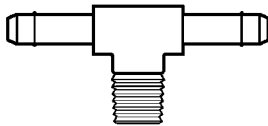
TUBE O.D.	PART #
1/4" x 1/4"	#27820

FEMALE CONNECTOR



TUBE O.D.	PART #
1/4" x 1/16"	#27829
1/4" x 1/8"	#27830
1/4" x 1/4"	#27831

BRANCH TEE



ACTUAL O.D. SIZE x IPS	PART #
3/8" x 1/4"	#54220
1/2" x 3/8"	#27816

PLASTIC TUBING - NYLON

Natural (Milky White) color.
Semi-rigid general purpose
tubing. 100 ft. coils.



TUBE O.D.	TUBE I.D.	WALL THICK	MAX PSI AT 70°F	PART #
1/4"	1/8"	1/16"	65	#27821
1/4"	3/16"	1/32"	50	#27822
3/8"	1/4"	1/16"	50	#27823
1/2"	3/8"	1/16"	45	#27824
5/8"	1/2"	1/16"	30	#27825
13/16"	5/8"	3/32"	35	#27826
1"	3/4"	1/8"	35	#27827

PLASTIC TUBING - VINYL

Commercial grade vinyl tubing.
F.D.A. approved not recommended
for natural gas.

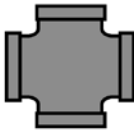


TUBE O.D.	WALL THICK	MAX PSI AT 70°F	PART #
1/8"	.015	300	#27833
3/16"	.023	300	#27834
1/4"	.030	300	#27835
5/16"	.036	300	#27836
3/8"	.040	300	#27837
1/2"	.062	300	#27838



BLACK IRON FITTINGS

CROSS



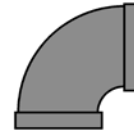
PART #	SIZE	PART #	SIZE
#51991	1/4"	#51995	1"
#51992	3/8"	#51996	1-1/4"
#51993	1/2"	#51997	1-1/2"
#51994	3/4"	#51998	2"

HEX BUSHING



PART #	SIZE	PART #	SIZE
#51911	1/4" x 1/8"	#52015	1-1/2" x 1"
#52000	3/8" x 1/8"	#52016	1-1/2" x 1-1/4"
#52001	3/8 x 1/4"	#52017	2" x 1/2"
#52002	1/2" x 1/8"	#52018	2" x 3/4"
#52003	1/2" x 1/4"	#52019	2" x 1"
#52004	1/2" x 3/8"	#52020	2" x 1-1/4"
#52005	3/4" x 1/8"	#52021	2" x 1-1/2"
#52006	3/4 x 1/4"	#52022	2-1/2" x 1"
#52007	3/4 x 3/8"	#52023	2-1/2" x 1-1/4"
#52008	3/4" x 1/2"	#52024	2-1/2" x 1-1/2"
#52009	1" x 1/2"	#52025	2-1/2" x 2"
#52010	1" x 3/4"	#52026	3" x 1"
#52011	1-1/4" x 1/2"	#52027	3" x 1-1/4"
#52012	1-1/4" x 3/4"	#52028	3" x 1-1/2"
#52013	1-1/2" x 1/2"	#52029	3" x 2"
#52014	1-1/2" x 3/4"	#52030	3" x 2-1/2"

90° ELBO



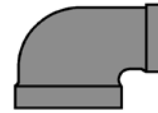
#51916	1/8"	#51919	1-1/4"
#51053	1/4"	#51920	1-1/2"
#51917	3/8"	#51921	2"
#51918	1/2"	#51922	2-1/2"
#55457	3/4"	#51923	3"
#55988	1"		

CAP



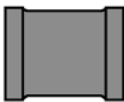
PART #	SIZE	PART #	SIZE
#51999	1/8"	#55325	1-1/4"
#51056	1/4"	#51837	1-1/2"
#51059	3/8"	#51842	2"
#51143	1/2"	#51848	2-1/2"
#51144	3/4"	#51849	3"
#52044	1"		

REDUCING ELBO



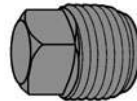
#51924	1/2" x 1/4"
#51925	1/2" x 3/8"
#51926	3/4" x 1/2"
#51927	1" x 1/2"
#51928	1" x 3/4"

COUPLING



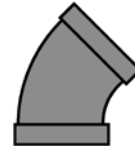
PART #	SIZE	PART #	SIZE
#51851	1/8"	#51861	1-1/4"
#51853	1/4"	#51863	1-1/2"
#51856	3/8"	#51867	2"
#51858	1/2"	#52064	2-1/2"
#51859	3/4"	#51868	3"
#51163	1"		

RAISED HEX HEAD PLUG



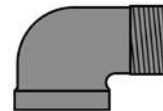
PART #	SIZE	PART #	SIZE
#52060	1/8"	#52033	1-1/4"
#51055	1/4"	#52034	1-1/2"
#51058	3/8"	#52035	2"
#51061	1/2"	#52036	2-1/2"
#55812	3/4"	#52037	3"
#52032	1"		

45° ELBO



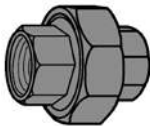
#51929	1/8"	#51934	1-1/4"
#51054	1/4"	#51935	1-1/2"
#51930	3/8"	#51936	2"
#51931	1/2"	#51937	2-1/2"
#51932	3/4"	#51938	3"
#51933	1"		

90° STREET ELBO



#51939	1/8"	#51944	1-1/4"
#51940	1/4"	#51945	1-1/2"
#51941	3/8"	#51946	2"
#51942	1/2"	#51947	2-1/2"
#52058	3/4"	#51948	3"
#51943	1"		

UNION



PART #	SIZE	PART #	SIZE
#51869	1/8"	#51905	1-1/4"
#51872	1/4"	#55901	1-1/2"
#51903	3/8"	#55961	2"
#55621	1/2"	#51907	2-1/2"
#55452	3/4"	#51909	3"
#51904	1"		

FLOOR FLANGE



PART #	SIZE	PART #	SIZE
#52038	1/2"	#52041	1-1/4"
#52039	3/4"	#52042	1-1/2"
#52040	1"	#52043	2"

45° STREET ELBO

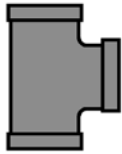


#51949	1/2"
#51950	3/4"
#51951	1"
#51952	1-1/4"
#51953	1-1/2"
#51954	2"



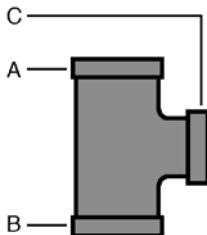
BLACK IRON FITTINGS

TEE



#51955	1/8"
#51956	1/4"
#51957	3/8"
#51958	1/2"
#51959	3/4"
#55987	1"
#51960	1-1/4"
#51961	1-1/2"
#51962	2"
#51963	2-1/2"
#51964	3"

REDUCING TEE



	A	B	C
#51965	3/4"	3/4"	1/2"
#51966	3/4"	1/2"	1/2"
#51967	3/4"	1/2"	3/4"
#51985	1"	1/2"	1/2"
#51986	1"	1/2"	3/4"
#51987	1"	1/2"	1"
#51988	1"	3/4"	1/2"
#51989	1"	3/4"	3/4"
#51990	1"	3/4"	1"
#51968	1"	1"	1/2"
#51969	1"	1"	3/4"
#51970	1-1/4"	1-1/4"	1/2"
#51971	1-1/4"	1-1/4"	3/4"
#51972	1-1/4"	1-1/4"	1"
#51974	1-1/2"	1-1/2"	3/4"
#51975	1-1/2"	1-1/2"	1"
#51976	1-1/2"	1-1/2"	1-1/4"
#51977	2"	2"	1/2"
#51978	2"	2"	3/4"
#51979	2"	2"	1"
#51980	2"	2"	1-1/4"
#51981	2"	2"	1-1/2"
#51983	3"	3"	1/2"

BLACK PIPE NIPPLES

LONGER LENGTHS AVAILABLE
UPON REQUEST



	PART #	SIZE
1/8"	#52773	1/8" x 2"
	#52774	1/8" x 2-1/2"
	#52775	1/8" x 3"
	#52776	1/8" x 3-1/2"
	#52777	1/8" x 4"
	#52778	1/8" x 4-1/2"
	#52779	1/8" x 5"
	#52780	1/8" x 5-1/2"
	#52781	1/8" x 6"
	#55743	1/4" x 1-1/2"
1/4"	#55780	1/4" x 2"
	#55749	1/4" x 2-1/2"
	#55775	1/4" x 3"
	#55764	1/4" x 3-1/2"
	#55746	1/4" x 4"
	#52121	1/4" x 4-1/2"
	#52782	1/4" x 5"
	#52783	1/4" x 5-1/2"
	#52784	1/4" x 6"
	#52786	3/8" x 2"
3/8"	#52787	3/8" x 2-1/2"
	#52788	3/8" x 3"
	#52789	3/8" x 3-1/2"
	#52790	3/8" x 4"
	#52791	3/8" x 4-1/2"
	#52792	3/8" x 5"
	#52793	3/8" x 5-1/2"
	#52794	3/8" x 6"
	#51166	1/2" x 2"
	#52795	1/2" x 2-1/2"
1/2"	#52796	1/2" x 3"
	#55321	1/2" x 3-1/2"
	#55809	1/2" x 4"
	#55878	1/2" x 4-1/2"
	#55884	1/2" x 5"
	#52797	1/2" x 5-1/2"
	#55888	1/2" x 6"
	#55879	1/2" x 7"
	#55883	1/2" x 8"

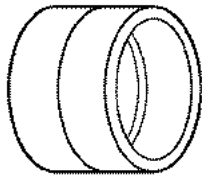
PART # SIZE

3/4"	#55447	3/4" x 1-1/2"
	#52821	3/4" x 2"
	#55448	3/4" x 2-1/2"
	#51167	3/4" x 3"
	#55449	3/4" x 3-1/2"
	#55320	3/4" x 4"
	#55450	3/4" x 4-1/2"
	#55451	3/4" x 5"
	#52688	3/4" x 5-1/2"
	#52690	3/4" x 6"
1"	#55825	1" x 2"
	#55826	1" x 2-1/2"
	#52691	1" x 3"
	#55827	1" x 3-1/2"
	#52390	1" x 4"
	#52693	1" x 4-1/2"
	#52273	1" x 5"
	#52694	1" x 5-1/2"
	#52269	1" x 6"
	#52695	1-1/4" x 2"
1-1/4"	#52696	1-1/4" x 2-1/2"
	#52772	1-1/4" x 3"
	#52873	1-1/4" x 3-1/2"
	#52874	1-1/4" x 4"
	#52875	1-1/4" x 4-1/2"
	#52876	1-1/4" x 5"
	#52877	1-1/4" x 5-1/2"
	#52878	1-1/4" x 6"
	#52879	1-1/2" x 2"
	#52880	1-1/2" x 2-1/2"
1-1/2"	#52881	1-1/2" x 3"
	#52884	1-1/2" x 3-1/2"
	#52893	1-1/2" x 4"
	#52894	1-1/2" x 4-1/2"
	#52895	1-1/2" x 5"
	#52896	1-1/2" x 5-1/2"
	#52897	1-1/2" x 6"
	#52899	2" x 2-1/2"
	#52900	2" x 3"
	#52901	2" x 3-1/2"
2"	#52072	2" x 4"
	#52287	2" x 4-1/2"
	#52902	2" x 5"
	#52903	2" x 5-1/2"
	#52904	2" x 6"



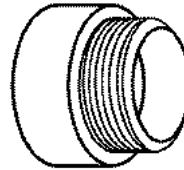
PVC-DWV FITTINGS

COUPLING - H x H



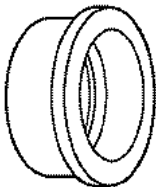
#49038	1-1/4"
#49039	1-1/2"
#49040	2"
#49041	2" x 1-1/2"
#49042	3"
#49043	3" x 1-1/2"
#49044	3" x 2"
#49045	4"
#49046	4" x 2"
#49047	4" x 3"

MALE ADAPTER



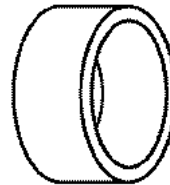
#49014	1-1/4"
#49015	1-1/2"
#49016	1-1/2" x 1-1/4"
#49017	2"
#49018	3"
#49019	4"

BUSHING x HUB



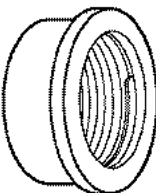
#49076	1-1/2" x 1-1/4"
#49077	2" x 1-1/2"
#49078	3" x 1-1/2"
#49079	3" x 2"
#49080	4" x 2"
#49081	4" x 3"

CAP



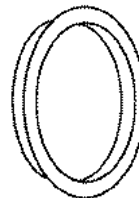
#85808	1-1/4"
#49310	1-1/2"
#49311	2"
#49312	3"
#49313	4"

BUSHING x FEMALE



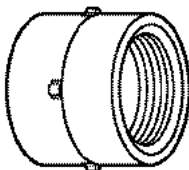
#49065	1-1/2" x 1-1/4"
#49066	2" x 1-1/2"
#49067	3" x 1-1/2"
#49068	3" x 2"
#49069	4" x 3"

TEST CAP



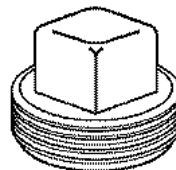
#49086	1-1/2"
#49087	2"
#49088	3"
#49089	4"

FEMALE ADAPTER



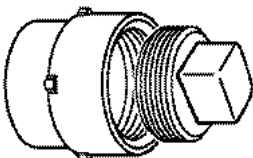
#49004	1-1/2"
#49005	2"
#49006	3"
#49007	4"

THREADED PLUG



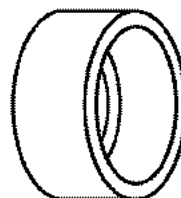
#49305	1-1/2"
#49306	2"
#49084	3"
#49085	4"

FITTING CLEANOUT W/PLUG



#49024	1-1/2"
#49025	2"
#49026	3"
#49027	4"

GLUE PLUG

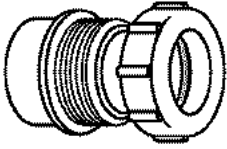


#49153	1-1/2"
#49154	2"



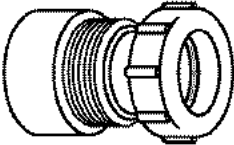
PVC-DWV FITTINGS

TRAP ADAPTER FTG x SJ



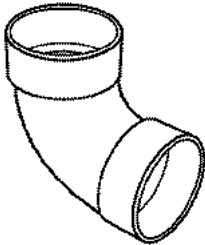
#49094	1-1/4"
#49095	1-1/2"
#49096	1-1/2" x 1-1/4"

TRAP ADAPTER HUB x SJ



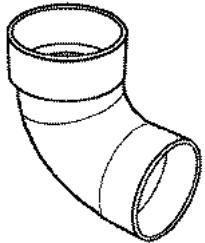
#49101	1-1/4"
#49102	1-1/2"
#49103	1-1/2" x 1-1/4"

90° ELBOW



#49146	1-1/4"
#49147	1-1/2"
#49148	2"
#49149	3"
#49150	4"

90° STREET ELBOW



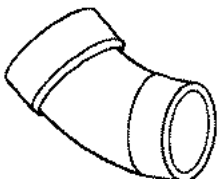
#49136	1-1/4"
#49137	1-1/2"
#49138	2"
#49139	3"
#49140	4"

45° ELBOW



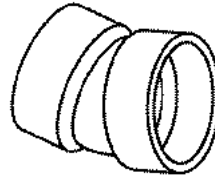
#49126	1-1/4"
#49127	1-1/2"
#49128	2"
#49129	3"
#49130	4"

45° STREET ELBOW



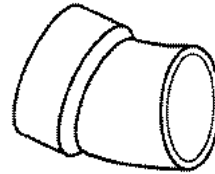
#49117	1-1/2"
#49118	2"
#49119	3"
#49120	4"

22° ELBOW



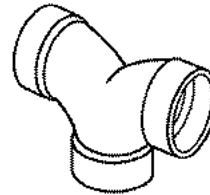
#49110	3"
#49111	4"

22° STREET ELBOW



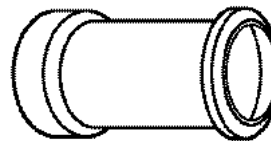
#49106	3"
#49107	4"

TWIN ELBOW



#49159	1-1/2"
#49160	2"
#49161	2" x 1-1/2" x 1-1/2"
#49162	3"

SOIL PIPE ADAPTER HUB x SPIGOT

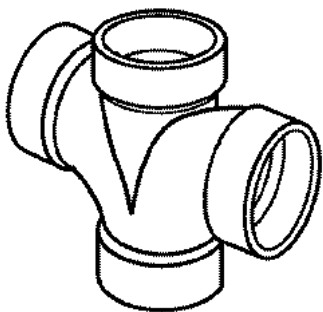


#49054	1-1/2" x 2"
#49055	1-1/2" x 3"
#49056	2"
#49057	3"
#49058	3" x 4"
#49059	4"



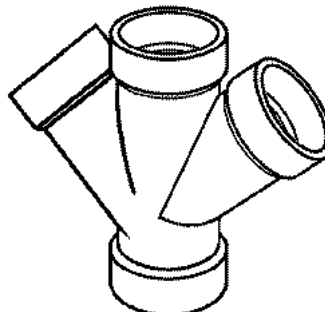
PLASTIC-DWV FITTINGS

SANITARY DOUBLE TEE/CROSS



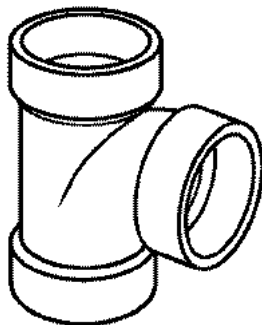
#49201	1-1/2"
#49202	2"
#49203	2" x 2" x 1-1/2" x 1-1/2"
#49204	3"
#49205	3" x 3" x 1-1/2" x 1-1/2"
#49206	3" x 3" x 2" x 2"
#49207	4"
#49208	4" x 4" x 2" x 2"
#49209	4" x 4" x 3" x 3"

45° DOUBLE WYE



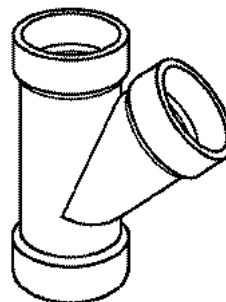
#49210	1-1/2"
#49260	2"
#49261	2" x 2" x 1-1/2" x 1-1/2"
#49262	3"
#49263	3" x 3" x 1-1/2" x 1-1/2"
#49264	3" x 3" x 2" x 2"
#49265	4"
#49266	4" x 4" x 2" x 2"
#49267	4" x 4" x 3" x 3"

SANITARY TEE



#49178	1-1/4"
#49179	1-1/2"
#49180	1-1/2" x 1-1/4" x 1-1/4"
#49181	2"
#49182	2" x 1-1/2" x 1-1/2"
#49183	2" x 1-1/2" x 2"
#49184	2" x 2" x 1-1/2"
#49185	3"
#49186	3" x 3" x 2"
#49187	4"
#49188	4" x 4" x 1-1/2"
#49189	4" x 4" x 2"
#49190	4" x 4" x 3"

45° WYE

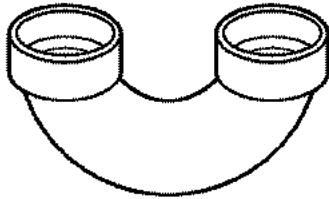


#49225	1-1/4"
#49226	1-1/2"
#49227	1-1/2" x 1-1/4" x 1-1/4"
#49228	2"
#49229	2" x 1-1/2" x 1-1/2"
#49230	2" x 1-1/2" x 2"
#49231	2" x 2" x 1-1/2"
#49232	3"
#49233	3" x 3" x 2"
#49234	4"
#49235	4" x 4" x 1-1/2"
#46236	4" x 4" x 2"
#46237	4" x 4" x 3"



PLASTIC-DWV FITTINGS

DWV RETURN BEND H x H



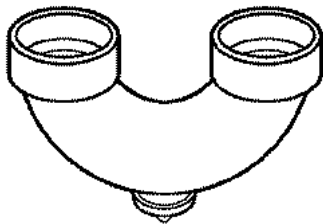
#49240 1-1/2"
#49241 2"

ALL PURPOSE GLUE



#79253 1/4 PINT
#79254 1/2 PINT
#79255 1 PINT

DWV RETURN BEND WITH CLEANOUT



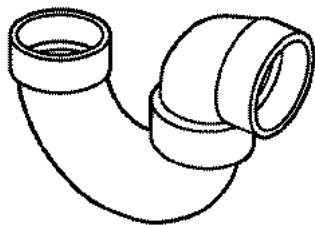
#49246 1-1/2"
#49247 2"
#49248 3"
#49249 4"

CLEANER



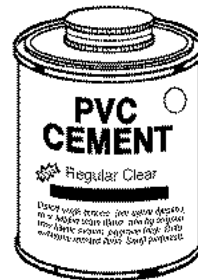
#79256 1/4 PINT
#79257 1/2 PINT
#79258 1 PINT

DWV P-TRAP H x H



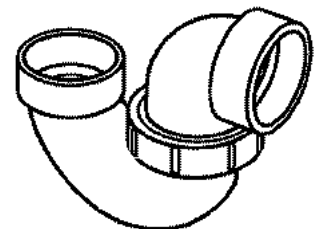
#49288 1-1/2"
#49289 2"
#49290 3"
#49291 4"

PVC GLUE



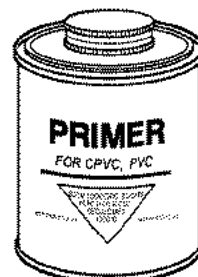
#79259 1/4 PINT
#79283 1/2 PINT
#79282 1 PINT

DWV P-TRAP WITH CLEANOUT



#49295 1-1/2"
#49296 2"

PRIMER



#79242 1/4 PINT
#79263 1/2 PINT
#79264 1 PINT



CHEMICALS



#60801010 SULFURIC ACID

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

Powerful chemical destroys scale deposits, hair, coffee grinds, soap, sanitary napkins, or any other organic matter.

1 QUART BOTTLES



#60800001 "ONE SHOT" SULFURIC ACID W/ ODOR BLANKET

Pint - sized product has great application in hospitals and nursing homes, where the possibility of noxious odors being released by the action of the sulfuric acid on the matter in the drain is minimized. A one pint natural ring neck carafe is filled with inhibited virgin sulfuric acid and then the chemical odor barrier is floated on top.

1 PINT BOTTLES



#60804010 CAUSTIC DRAIN OPENER

POURS THROUGH STANDING WATER!

Powerful liquid drain pipe opener. Will not harm disposals, pipes, or porcelain.

1 QUART BOTTLE



#60802000 COLD WATER ACTIVATED DRAIN-A-MATIC

Cold water crystal formula is super-activated to dissolve grease, fats, hair, vegetable matter, etc. Won't harm pipes.

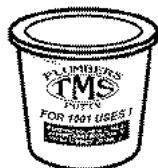
12oz. CONTAINER



#79645 LIQUID ENZYME DRAIN CLEANER

Contains billions of live natural bacteria continuously manufacturing the enzymes that digest waste material. Unlike other treatments, Super Cessolve actively continues to make more waste digesting bacterial enzymes.

1 QUART CONTAINER



STAINLESS PLUMBERS PUTTY

#60500105 14 OZ.

#60500120 5 LB.

Non-hardening, non-crumbling, & bacteria proof.



#60802200 THE HOT WATER ACTIVATED DRAIN OPENER !

- IPS drain cleaner clears drains in minutes !
- Will not damage sinks, tubs, brass, copper, steel, cast iron, plastic, or sewer cables !
- Totally destroys hair and grease !
- Does not produce offensive odors !

TRY THIS!

YOU'VE NEVER
SEEN ANYTHING
LIKE THIS!

1 POUND CONTAINER



#79690 TRAP SEAL

- Prevents sewer gases and odors from entering through the trap.
- Provides a sanitary septic seal
- Concentrated & ready to use. No dilution necessary

USE FOR:

- Floor and Shower Drains
- Sinks
- Toilets
- Urinals
- Water Fountains
- Condensate Drains
- Any Unprimed or Unused Drain

USE IN:

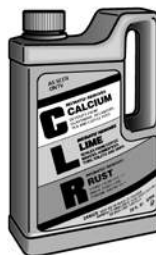
- Empty or vacant buildings
- Schools
- Hospitals
- Stadiums
- Factories
- Marine Applications

1 QUART BOTTLE



#60805510 DRY LIME SOLV 12 oz.

Safer to handle than liquids. Removes scale deposits from coils, piping, air-conditioning, urinals, and refrigeration equipment, heat exchangers, condensers and processing equipment.



#16347 CLR CLEANER

Powerful formula instantly removes calcium, lime and rust stains. Use with glassware, decanters, tea and coffee pots, humidifiers, tubs, toilets, sinks, stucco, brick, porcelain, chrome, and metals.

28oz. CONTAINER



#60550735 TEFLON PIPE DOPE

Tfe-Tite is a thread sealant for most applications, such as water, alkalies and gases. It will resist temperatures from -200°F to +500°F. Comes with an application brush.

8oz. CONTAINER



CHEMICALS

AEROSOL PENETRANT-LUBRICANT



#79003
WD-40 12 oz.

POLYSEAMSEAL



#60500003
Clear Tub & Tile
10 oz. Cartridge

#79109
White

FOAM SEALANT



#79360
12 oz. Can

Expanding foam seals, fills, & insulates around pipes & openings. Bonds to any material.

EVERSEAL™ PICK-PROOF ADHESIVE SEALANT



#60500137 - 10.3 oz. Cartridge

- Increase security in public areas
 - Prevent vandalism in educational facilities
 - Reduce contraband in correctional institutions
- Unsurpassed bonding and sealing security for materials such as concrete, finished metals, plastics, fiberglass, pipe, conduit, FRP, plywood and composites

HIGH PRESSURE GREASE



#60400104
14 oz. Cartridge

A lithium based, multi-purpose grease, ideal for extreme pressure and high temperature applications.

WHITE LITHIUM GREASE



#79409
10.25 oz.

- Heavy Duty Lubricant
- Prevents Rust and Corrosion
- Water and Heat Resistant

TUB & TILE ADHESIVE CAULK

Paintable, mildew resistant caulk for bath, kitchens, and windows. Easy to use. Cleans up with water.



#79102 6 oz.
White



#SP10218 5.5 oz.
Glossy White



#79715 5.5 oz.
Clear

100% SILICONE SEALANT FOR BATHTUBS



#79098

#79110

- Permanent white
- Flexible seal
- Mildew resistant
- 10 oz. cartridge
- 3 oz. squeeze tube
- Easy to use

100% SILICONE SEALANT



10 OZ. Cartridge

#79096 White

#79097 Clear

Superior quality, multi-purpose sealant for interior or exterior use. Long lasting flexibility. Weatherproof, watertight seal. Resists cracking and chalking.

BEATS NAILS ADHESIVE



#79104

4 oz. Squeeze Tube

#79105

10 oz. Cartridge for Gun

WIPE OFF VANDALISM MARK REMOVER



#79643

REMOVES MOST:

16.5 oz

- Spray Paint
- Ball Point Inks
- Marker Inks
- Stencil Inks
- Mimeo Inks
- Printer's Ink
- Lipsticks
- Crayons
- Fingerprints
- Pencil Marks
- Scuff Marks
- Tape Residue
- Road Tar

GORILLA GLUE



#79497
8 fl. oz.

- Incredibly Strong!
- 100% Waterproof
- Bonds Metal, Stone, Wood, Ceramics, Foam, Glass and more!



CHEMICALS



SNAKE OIL

#37629
One Quart

Preserves and protects sewer cables. Rust inhibitor and deodorant.

ODOR KILL SOLID

#37639
4 oz.



Eliminates odors occurring from fuel oil, soot, smoke, sewage, mildew and a variety of other sources.



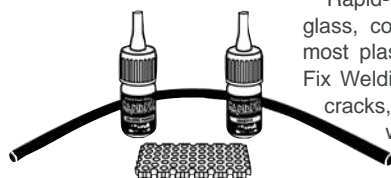
PBGONE URIC ACID ERADICATOR

#60800016 - 32 oz. bottle

PBGone eliminates odors caused by Uric Acid! Engineered bacteria create an army of enzymes to attack and eliminate uric acid molecules in minutes, leaving behind a clean, fresh smell. Use around toilets, urinals, grease traps, septic systems, concrete, waste water, etc.

RAPID FIX DUAL ADHESIVE SYSTEM

#79714



Rapid-Fix Adhesive bonds rubber, glass, copper, aluminum, steel and most plastics. Combine with Rapid-Fix Welding Powder to repair holes, cracks, and gaps, producing strong weld seams to support the repair, just like solder or welded joints!

FREEZE FIX

EASY TO USE !

The Ideal Method To Repair Pipes Damaged By Freezing!



Before Freeze-Fix



After Freeze-Fix

Use FREEZE-FIX to repair and reinforce leaking pipes due to corrosion or other damaged areas susceptible to freezing conditions. FREEZE-FIX can be applied to all types of pipes, even underwater.

Part#	Repairs Pipe
#81319	1/4" - 1/2"
#81320	3/4"
#05397	1" - 1-1/2"

Part#	Repairs Pipe
#81321	2" - 2-1/2"
#81322	3"
#81323	4" - 5"

Help stop the spread of germs!



SANITIZING ROOM FOGGER

#60350001
3 oz.

#60350002
8 oz.

Sanitize an entire room in just minutes! Gets rid of disease-causing microbes almost instantly. Perfect for dorm rooms, hotels, nursing homes, offices, hospitals, classrooms and more.

Great for cold and flu season!



LIQUILOCK

#79626

Solidifies Water For Easy Toilet Removal!

- Prevents Water Spills During Toilet Removal
- Gel Formed in 4 minutes
- Non-Toxic, Lo-V.O.C.

Can also be used in the toilet tank, and in urinals.



#79076

SUPER GLUE .07 FL. OZ.

Works on more materials. Faster acting. Long lasting bond.

#79077

SUPER GLUE REMOVER .34 FL. OZ.



Removes all types of instant glues quickly and safely. Easy to use thick formula.



WASP & HORNET KILLER

#79622

SPRAY WELD

All-In-One Cleaner, Primer & Cement!

#79713



- Commercial grade, fast-setting, heavy-bodied low VOC cement.
- CFCs-free aerosol propellant.
- Economical, 11oz. can yields up to 300 3/4" joints. Over 100 more joints than a quart can of traditional brush-on cement!
- All weather formula works hot or cold, wet or dry.
- Can be used on all PVC pipe including SDR 35, CL200 & schedules 20, 40 & 80 up to 6" diameter.



CHEMICALS

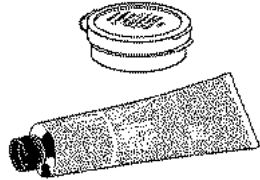
NO-DRIP PIPE JOINT COMPOUND



#60550206
1/2 pt. Comes with an application brush.

SILICONE LUBRICANT

FDA Approved



#79318
1/4 oz.

#79029
5.3 oz.

Great for valve stems.

HEAT PROOF GREASE



#60400506 (#79146)
1 oz.

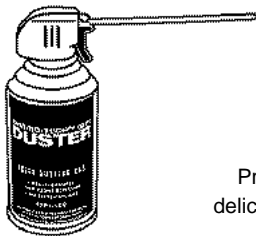
A must for every tool box. Lubricates faucet & valve stems. Will not melt. For use with hot water & steam.

SILICONE SPRAY



#79000
12 oz.

Eliminates squeaks, sticking, and freezing. Prevents rusting. Provides easy sliding on windows, drawers, locks, and all mechanical parts.



AIR BLASTER

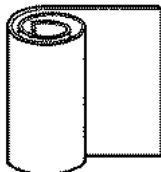
#79433
10 oz.

Pressurized air in a can to clean delicate equipment.

Make Your Own Gasket!

RED RUBBER SHEET

#79203 1/8" (Sold by the yard)



Made of special quality SBR elastomer. Remains soft and pliable and will not creep, squeeze or blow out under normal temperatures and pressures. Use for hot or cold water, air, ammonia, and low pressure saturated steam up to 150 PSI. Use up to 300° F

Cut From 36" Wide Rolls

LEAD FREE SOLDER

#79031

1 LB. SPOOLS
95/5

#79032

1 LB. SPOOLS
Silver Bearing

#79431

1 LB. SPOOLS
Super 50
97/3

#79035

SILVER BRAZING ALLOY
28 Piece Tube



PASTE SOLDER FLUX

#79650
2 oz.

#79651
4 oz.

#60550215
8 oz.



TELESCOPIC OILER

#79054 4 oz.

Telescopic tip for hard to reach areas. Great for motors & pumps.



EPOXY PUTTY

#79072 4 oz.

Hardens in 5 minutes, even underwater. Contains metal. Forms stone hard bond. Can be filed, sawed, & tapped.

TRY THIS!



EASY TO USE! ONE STEP! HAS 1001 USES!

CEILING TILE PAINT

#79260

New White

#79261

Old White

Eliminates squeaks, sticking, and freezing. Prevents rusting. Provides easy sliding on windows, drawers, locks, and all mechanical parts.



SOAP

GOJO ORANGE HAND CLEANER



#SP8169
14 OZ.

ECO SOAP



#81666
Five Gallons

CASE OF GOJO ORANGE HAND CLEANER



#SP7337
Six Cans

LOTION SOAP WITH MOISTURIZER



#SP8694
1600 Mil

GOJO HAND CLEANER



#79675
One Gallon

ANTIBACTERIAL SOAP



#81618
One Gallon

GOJO HAND WIPES



#79676

PINK LOTION HAND SOAP



#79147
One Gallon

FAST ORANGE DISPOSABLE WIPES



#36561

WHITE LOTION HAND SOAP



#79148
One Gallon

FOR TC, BOBRICK, AND SLOAN DISPENSERS

LIQUID HAND SOAP



79030
27 oz.

#79030CS
Case of four
27oz. bottles

ANTIBACTERIAL HAND SOAP



#79582
800 Mil

LOTION SOAP WITH MOISTURIZER



#79034
27 OZ.

#79034CS
Case of four
27oz. bottles

FOAM HAND SOAP



#79172
800 Mil



#79173
1600 Mil



TAPE

GLOW - IN - THE - DARK TAPE



#79021
2" x 10 YD.

Perfect for marking fire extinguishers, directional signs, or escape routes. Visible for hours. Vinyl film backing. Excellent adhesion.

INSULATION TAPE



#79002
2" x 1/8" THICK

Prevents condensation on cold water or refrigeration lines. Adheres to any surface. Can be molded to valves and fittings. Also insulates hot pipes up to 165° F. Will never dry out or crack.

PIPE WRAP TAPE



#79045
1" x 16'

Use on Copper, PVC, Galvanized, ABS, and CPVC pipe. Self bonding forms a solid piece of rubber. Works on dirty, wet, oily, and greasy surfaces without adhesives. Also works under water! Works at temperatures from -27° to 212°F.

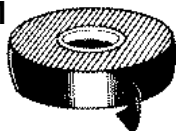
CAUTION TAPE



#79039
3" x 300'

VINYL PLASTIC ELECTRICAL TAPE 33+

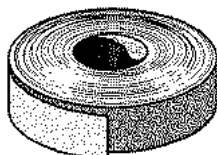
3M



#32784
3/4" x 66'

Excellent for applications in extreme heat and cold, from 0° F to 220° F. Resists ultraviolet, abrasion, moisture, alkalis, acids, and corrosion.

SAND CLOTH 120 GRIT



#79025
1-1/2" x 25 yd

ALUMINUM FOIL TAPE



#79023
2" x 50 YD.

Patches ducts and metal.

#79022
PREMIUM GRADE
GREY DUCT TAPE
2" x 60 YD



#79041
GENERAL PURPOSE
GREY DUCT TAPE
2" x 60 YD

GENERAL PURPOSE TAPE ALSO AVAILABLE IN THE FOLLOWING COLORS:

#79046	RED	#79008	BROWN
#79005	WHITE	#79009	YELLOW
#79042	BLUE	#79010	ORANGE
#79007	BLACK	#79265	ECONOMY

TRANSPARENT DUCT TAPE



#79060
1.88" x 20yd.

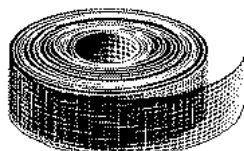
Long-lasting, strong, easy-to-use, indoor/outdoor clear tape. Lasts six times longer!

TEFLON TAPE SEALS PIPE THREADS



#79137 1/2" x 520"
#79139 3/4" x 260"

OPEN MESH CLOTH 180 GRIT



#79024
1-1/2" x 10 yd
Open Mesh Cloth
180 grit



TOOLS - PLUMBING



#03001 "OUR FAVORITE" FORCE CUP

Provides the highest capacity force against toilet and drain stoppages. High grade rubber construction for easy flexing and powerful thrust. Ribbed inside and out for extra strength. Furnished with full size 18" painted handle.



WOOD HANDLE PLUNGER

#03003 4" Diameter, 9" Handle

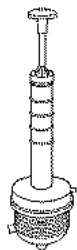
#03004 4-1/2" Diameter, 18" Handle

#03005 5-1/2" Diameter, 18" Handle



#03000 DYNA-FORCE HEAVY DUTY FORCE CUP

High grade black rubber. Reinforced rib construction. Specially designed for the professional. Creates a very powerful pulsation to clear stubborn stoppages easily.



#50930 HOOTNANY II DRAIN BLASTER

The Hootnany II unblocks drains in basins, bathtubs, showers, toilets, and bidets with a POWERFUL BLAST OF AIR. Supplied with stoppers for basin drain, 2" outlets, toilets, and patented "vent seal" for splash back protection.



#56963 I.P.S. MAXI MASTER PLUNGER Dark Blue

Designed for commercial use, the Maxi-Master features 162 cubic inches of displacement, producing more power per push than any other plunger on the market. The exclusive funnel-nose design ensures a perfect fit in any toilet bowl or kitchen sink, preventing slippage and splash-back.



#03406 HAND HELD MINI PLUNGER

Designed especially for drinking fountains, sinks and for any low profile area.



#36178 DRIP-PROOF PLUNGER CARRYING CASE

A sanitary solution to walking around with a dripping plunger! After use, just toss your plunger into the bag, zip it up, and go! No mess, no hassle. Includes a mesh side panel for air circulation.



#35390 URINAL AUGER

- 48" long spring specially coiled for clearing urinals
- Spring telescopes from guide tube to clear stoppage beyond urinal
 - Compact and durable design
- Hexagonal aluminum inner tube
- Galvanized steel push rod
- Rubber bumper to protect bowl
- Vinyl grip handle

#35390CBL
Cable Only



CLOSET AUGER - 3 FOOT

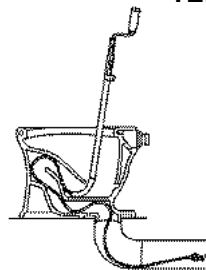
#03025

With down head

#03027

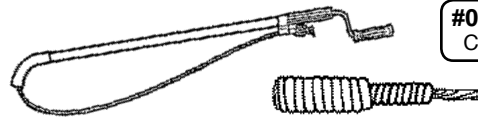
Same as #3025, but with bulb-type boring head

Flexible down head works like a cushioned universal joint. Follows bowl contours and springs through sharply angled passages while protecting inner walls from chipping or breaking.



#03129 TELESCOPIC CLOSET AUGER WITH DOWN HEAD

- 3-6 foot
- Makes six foot closet augers obsolete!
- Gives you three extra feet of cable with the touch of a button
- Extra heavy duty kink-resistant cable



#03129CBL
Cable Only

DOUBLE SPRING CONSTRUCTION

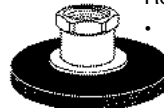


#37099 FLEXIBLE FOUNTAIN DRAIN AUGER

Also Removes Hair From Drains !

RUBBER PLUNGER DISC

- For removing obstructions in soil lines, curb drains, etc.
- Reinforced rubber disc
- 1/2" brass housing holds 1/2" pipe



#83488
4" C.I. Rubber Disc

#83487
3" C.I. Rubber Disc



#36177 DRIP-PROOF AUGER CARRYING CASE

A sanitary solution to walking around with a dripping auger! After use, just toss your auger into the bag, zip it up, and go! No mess, no hassle. Includes a mesh side panel for air circulation.



DRAIN CLEANERS

General
PIPE CLEANERS

SUPER VEE UNITS

#34496

Basic unit + case, 25' x 1/4" and 25' x 3/8" cables, HECS cutter set and one additional cartridge.

#34497

Basic unit + case, 25' x 1/4" and 35' x 3/8" cables, HECS cutter set and one additional cartridge.

#34498

Basic unit + case, 50' x 1/4" and 35' x 3/8" cables, HECS cutter set and one additional cartridge.

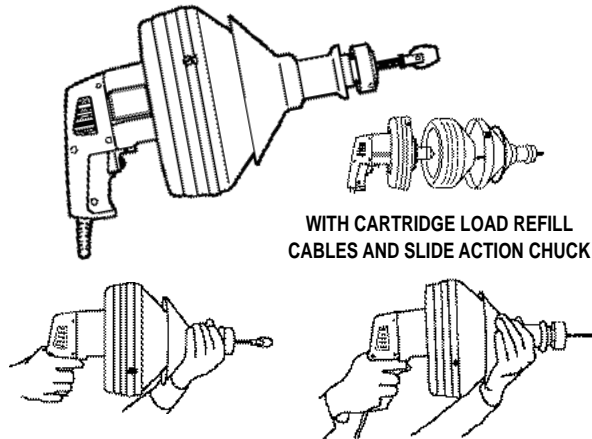
#34499

Basic unit + case and 25' x 5/16" cable.

#34500

Basic unit + case and 25' x 1/4" cable.

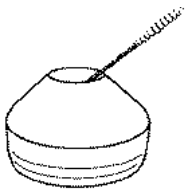
An excellent rental tool for opening clogged sinks, bathroom drains, and even roof drains. No need for a threaded chuck. Automatic adjustment for different diameter cables.



WITH CARTRIDGE LOAD REFILL
CABLES AND SLIDE ACTION CHUCK

Slide grip shield forward
to release cable

Pull cable out of drum. Slide
shield back to grip cable.

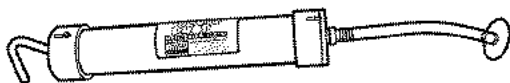


CARTRIDGE REFILL

Change cables faster by changing cartridges. They're convenient, clean and inexpensive.

#03007

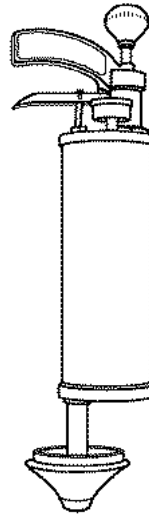
"LAST DROP" SUCTION GUN



Installing a new toilet? Remove all the water from the tank with the "Last Drop" Suction Gun! You'll be able to change toilets, ballcocks, flush valves and tank bolts without water spillage! You can also unclog floor drains by removing the rosette from the tube and sucking out the sand and water. The "Last Drop" Suction Gun is corrosion resistant and has replaceable parts so it will give you many years of service!

General
PIPE CLEANERS

KINETIC WATER RAM



The kinetic water ram uses a burst of compressed air that drives a shock wave through water to break up stoppage. Has self contained pump and pressure gauge. Does not build up pressure in plumbing system.

#34523

With caulking hose, 4" rubber cone, and five rubber plugs.

#34524

Same as above, plus carrying case

#34526

Same as # 34534 plus closet attachment.

#34527

Same as #34526 plus 6" rubber cone, four expansion plugs, check valve, water supply hose, universal faucet adapter, and 22" extension hose instead of, caulking hose.

MINI ROOTER SNAKE

General
PIPE CLEANERS



#34512

Mini Rooter

#34513

With 75' x 3/8" Cable
(75EM2)

Mini Rooter clears lines from rooftop to basement, including kitchen, bath and laundry. Encased drum keeps snake oil from splashing on the floor. For 1-1/4" through 3" lines. Mini Rooter unit comes complete and ready to operate. Unit includes: machine frame, MR-200 drum, 1/3 HP motor with reverse switch, air foot switch, leather gloves, arrow head, 1-1/2" u cutter, 2" slide cutter, boring gimlet and cable as ordered.

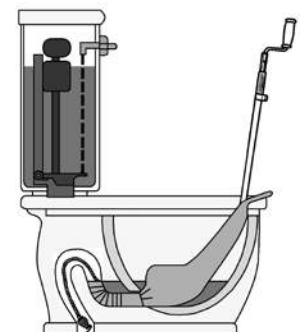
#83045

CLOSET BOWL SHIELD



**Stop the
Scratches!**

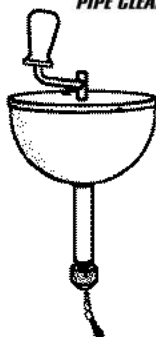
- A necessity when using electric machine vs. manual auger
- Reduce scratch marks, chipping and scraping of bowl
- Simple to use
- Fits most toilets
- Use time and time again
- Leave a job knowing your work was first class
- Doubles as a high capacity funnel



DRAIN CLEANERS

General
PIPE CLEANERS

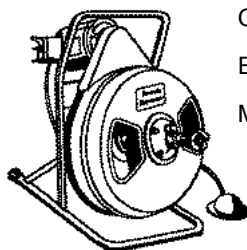
HANDY SNAKE



You can take off the turning handle and attach the container to a 3/8" or 1/2" drill. The Handy also has a larger knob on the collect chuck to give the operator a better grip.

PART#	FEET	DIA
#35002	25	1/4"
#35025	25	5/16"
#35026	25	3/8"
#35032	35	3/8"

DRAIN CLEANING EQUIPMENT, SNAKES, AND ACCESSORIES

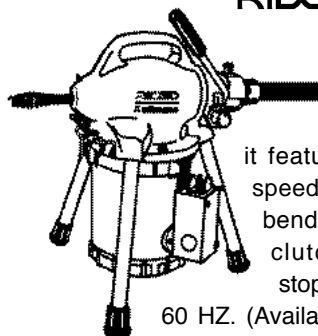


GENERAL WIRE	RIDGID
ELECTRIC EEL	MILWAUKEE
MARCO	SPARTAN

Call For Assistance
877-477-2930

DRAIN CLEANING MACHINE

RIDGID



Here is a uniquely versatile machine for small to medium jobs. Easy to carry, it features famous Ridgid/Kollman speed cleaning through traps and bends at 400 rpm. Instant-acting clutch, with fingertip starting, stopping, reversing. 1/4 hp, 115V, 60 HZ. (Available with 230V, 50 HZ motor.) Available in four combinations which include various selections of cables, tools, and accessories. A-30 includes 45' (6 lengths) of 5/8" open wind cable with Speed Coupler in steel carrier, grease "C" cutter, bulb auger, straight auger, coupling pin key and 6' guide hose.

#35204
MACHINE ONLY

#35205
MACHINE WITH
CABLE KIT

#35018
MACHINE WITH
CABLE KIT AND
#35206 ADAPTER

#34761
MACHINE WITH
CABLE KIT AND
#35206 and #35207 ADAPTERS

General
PIPE CLEANERS

REPLACEMENT CABLES Heavy Duty Inner Core Cables

WITH EL BASIN PLUG HEAD

1/4" x 25'	#34519
1/4" x 50'	#34520
5/16" x 25'	#34544
5/16" x 50'	#34521

WITH DOWN HEAD

1/4" x 25'	#34545
1/4" x 50'	#34546
5/16" x 25'	#34547
5/16" x 50'	#34548

WITH DOUBLE DOWN HEAD

1/4" x 25'	#34549
1/4" x 50'	#34550

WITH FEMALE CONNECTOR

5/16" x 25'	#34551
5/16" x 50'	#34522
3/8" x 25'	#34552
3/8" x 35'	#34553

WITH FEMALE & MALE CONNECTORS

3/8" x 25'	#35033	} For use with Super-Vee only
3/8" x 35'	#35034	
3/8" x 25'	#34554	
3/8" x 50'	#34573	
3/8" x 75'	#34574	
3/8" x 100'	#34555	

WITH FEMALE & MALE CONNECTORS

1/2" x 25'	#34556
1/2" x 50'	#34573
1/2" x 75'	#34576
1/2" x 100'	#34557
5/8" x 25'	#34558
5/8" x 50'	#34559
5/8" x 75'	#34560
5/8" x 100'	#34561
3/4" x 25'	#34562
3/4" x 50'	#34563
3/4" X 75'	#34564
3/4" X 100'	#34565

**GENERAL COMPLETE
5 PC. CUTTER SET**
34501

Arrow Head	#34566
Flexible arrow head	#34567 -
1-1/4" side cutter blade	#34568
Boring gimlet	#34569
Down head boring gimlet	#34570







**FOR OTHER
MANUFACTURERS,
CALL FOR ASSISTANCE.**



RIDGID CABLES







FOR DRAIN GUNS, SINK DRUMS AND SMALL LINE SECTIONAL MACHINES

*I.C. "Inner Core" Flexible Cable

	PART#	MODEL	LENGTH	SIZE/TYPE	TYPICAL APPLICATION	CHARACTERISTICS	R/K MACHINES
	#34656	C-1	25'	5/16"	Drain lines 3/4" to 1-1/2". Kitchen sinks, lavatory sinks, bathtub drains, drinking fountains, and urinals.	Hollow core cables that provide flexibility for severe bends and "P"-traps.	K-25/K-26 (25' only) K-39 K-40 K-50*
	#36105	C-21	50'	Bulb Auger			
	#36130	C-2	25'	5/16"	Drain lines 3/4" to 1-1/2". Drop head leads into down drain pipes, especially good for back-to-back mounted fixtures and severe bends.		
	#36108	C-22	50'	Drop Head			
	#35252	C-11C	25'	5/16"	Drain lines 1-1/4" to 2" Kitchen sinks, lavatory sinks, slop sinks and laundry lines.	Inner core cables that provide good flexibility while delivering more cleaning power to cable end. Resists kinking.	K-25/K-26 (25' only) K-39 K-40 K-3800 K-50*
	#36106	C-13IC	35'	Inner Core w/ Bulb Auger			
	#36137	C-2IC	25'	5/16"	Drain lines 1-1/4" to 2" Drop head leads into down drain pipes, especially good for back-to-back mounted fixtures and severe bends.		
	#36138	C-23IC	35'	Inner Core w/ Drop Head			
	#34932	C-4	25'	3/8" w/ Male Coupling	Drain lines 1-1/4" to 2-1/2" Kitchen sinks, lavatory sinks, slop sinks and laundry lines.	Inner core cables that provide good flexibility while delivering more cleaning power to cable end. Resists kinking.	K-39 K-40 K-50*
	#36111	C-6	35'				
	#36112	C-6IC	35'				
	#26110	C-5	35'	3/8" w/ Bulb Auger	Drain lines 1-1/4" to 2-1/2" Kitchen sinks, lavatory sinks, slop sinks and laundry lines.		









FOR DRUM MACHINES

*I.C. "Inner Core" Flexible Cable

	PART#	MODEL	LENGTH	SIZE/TYPE	TYPICAL APPLICATION	CHARACTERISTICS	R/K MACHINES
	#36133	C-31, C-31IW	50'	3/8"	Drain lines 1-1/2" to 2-1/2" Kitchen sinks, lavatory sinks, and laundry stacks.	Good flexibility. As torque builds, outer spring tightens on wire core causing cable to stiffen and transfer greater torque to cutter.	K-380 K-3800
	#36134	C-32, C-32IW	75'	w/Inner Core			
	#36135	C-33, C-33IW	100'	"			
	#36139	C-44, C-44IW	50'	1/2"	Drain lines 2" to 4" Kitchen sinks, lavatory sinks, and laundry stacks.	Same characteristics as above. Exceptional flexibility and toughness for a 1/2" inner core cable.	K-380 K-3800
	#36113	C-45, C-45IW	75'	w/Inner Core			
	#36140	C-46	90'	"			
	#36127	C-25, C-25IW	25'	5/8"	Drain lines 3" to 6" Floor drains, vents, and laterals.	General purpose cable. Inner core provides greater stiffness under load.	K-750 K-6200 K-7500
	#36121	C-26, C-26IW	50'	w/Inner Core			
	#36117	C-27, C-27IW	75'	*			
	#36132	C-24, C-24IW	100'	*			
	#36124	C-27HC	75'	5/8"	Drain lines 3" to 6" Floor drains, vents, and laterals.	Hollow core cable is lighter in weight & more flexible. Helps operator negotiate difficult traps & bends in large lines.	K-750 K-7500
	#36126	C-24HC	100'	w/Hollow Core			
	#36114	C-28	25'	3/4"	Drain lines 4" to 10" Floor drains, vents, and laterals.	Powerful cable used for heavy-duty blockages such as tree roots. Cable tightens on core to provide extra stiffness under load, delivering power to cutter.	K-750 K-7500
	#36125	C-29	50'	w/Inner Core			
	#36118	C-75	75'	*			
	#36122	C-100	100'	*			
	#36131	C-75HC	75'	3/4"	Drain lines 4" to 6" Floor drains, vents, and laterals.	Hollow core cable is lighter in weight & more flexible. Helps operator negotiate difficult traps & bends in large lines.	K-750 K-7500
	#36119	C-100HC	100'	w/Hollow Core			

FOR SECTIONAL MACHINES

*I.C. "Inner Core" Flexible Cable

	PART#	MODEL	LENGTH	SIZE/TYPE	TYPICAL APPLICATION	CHARACTERISTICS	R/K MACHINES
	#34889	C-7	7-1/2"	5/8"	2" And 3" floor drains.	Tight wind cable providing good rigidity in a hollow core cable. Not for tree roots.	K-50, K-60SP K-75A/B*
	#34475	C-8	7-1/2"	5/8"	Drain lines 1-1/4" to 2"- ideal for proper cleaning of small lines.	Open wind cable that is more flexible than C-7. Open wind acts as an auger to thoroughly remove blockage in small lines.	K-50, K-60SP K-75A/B*
	#36141	C-9	10"	5/8"	Drain lines 2" to 4"- ideal for floor drains and stacks.	Heavy-duty open wind cable ideal for long runs in indoor lines.	K-50, K-60SP K-75A/B*
	#37078	C-10	15"	7/8"	Drain lines 2" to 4" - roof top vents and stacks	Standard all-purpose open wind. Excellent flexibility.	K-60SP K-1500A/B*
	#36142	C-11	15"	1-1/4"	Drain lines 3" to 8". Good for all around work. Easily negotiates 4" traps.	Standard all-purpose open wind with 3/8" pitch. Flexible, yet rigid enough to do fast, tough root cutting.	K-1500A/B/ & SP
	#36143	C-12	15"	1-1/4"	Drain lines 4" to 10". Do not use through 4" "P" traps.	Standard all-purpose open wind. Excellent flexibility.	K-1500A/B/ & SP
	#36144	C-14	15"	1-1/4"	Drain lines 3" to 10". Do not use through 4" "P" traps.	Heavy-duty open wind with 1/2" pitch especially good for 4" clean out or 8" elbow entering in 4" to 10" line.	K-1500A/B/ & SP
	#36146	C-15	15"	1-1/4"	Drain lines 3" to 6". Ideal for 4" traps.	Extra-flexible open wind with 1/2" pitch. Lighter than C-11, slightly stiffer.	K-1500A/B

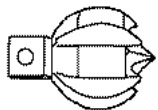


DRAIN CLEANERS

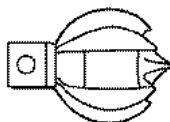
**MUST SPECIFY MANUFACTURER, MACHINE MODEL NUMBER,
AND CABLE SIZE WHEN ORDERING !**

CLOG CHOPPERS™

Six self-sharpening blades dig into encrusted debris and root masses, easily grinding up stoppages, scale, and crystallized urine, without risking pipe damage. The spherical design maneuvers around tight ends and traps, thoroughly and safely cleaning metal, plastic, and clay pipes. As it spins it also self-sharpens as it scrapes along the pipe walls. It's excellent for clearing stacks, downspouts, mains, as well as for drain lining jobs.

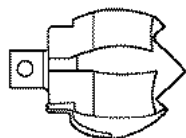


#36505
1" ClogChopper™
5/16" & 3/8" cables



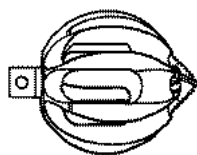
#37733
2" ClogChopper™
For 5/16" & 3/8" cables

#37733R
2" ClogChopper™
For Rigid
5/16" & 3/8" cables



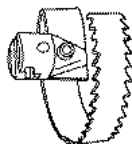
#37741
3" ClogChopper™
For General Wire
5/8" & 3/4" cables

#37741R
3" ClogChopper™
For Rigid
5/8" & 3/4" cables



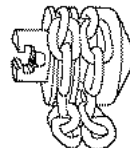
#37740
4" ClogChopper™
For General Wire
5/8" & 3/4" cables

SPIRAL SAW TOOTH CUTTER



For clearing any stoppage,
roots, rags, sticks, etc.

CHAIN KNOCKER



For use when vigorous action
is required for cleaning of
scale in pipes and boiler tubes.

GREASE "C" CUTTER



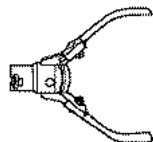
For grease blockage in
lines leading from garbage
disposal unit or waste pipe.

FLUE BRUSH



For use for finish cleaning required of boiler
tubes and heat exchangers.

EXPANDING FINISH CUTTERS



For final removal of material
adhering to walls and certain
roots of fibrous nature.

HOOK AUGER



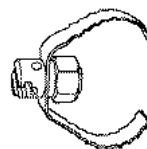
For heavy and dense root stoppages in
pipes that require hooking and breaking up.

SPIRAL BAR CUTTER



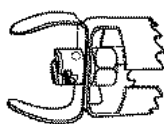
For main sewers blocked
by roots, leaf debris, sticks,
sawdust, cloth, sacking.

SHARKTOOTH CUTTER



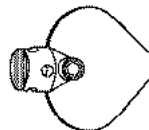
For use in cleaning pipes
of general material clinging
to pipe walls.

SAW TOOTH CUTTER



For cleaning lines blocked
heavily with roots. Unique
design permits cutter to be
removed from damaged pipe
without locking.

SPADE CUTTER



For following up after
augers have been used
and to open up floor drains.

DROP HEAD AUGER



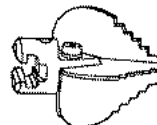
For cleaning back to back mounted fixtures
e.g., sinks where cable needs to be led into
down pipe.

STRAIGHT AUGER



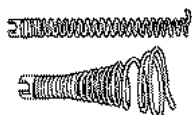
For use in exploring and breaking up
stoppages or returning sample to surface to
determine correct tool.

FOUR BLADE SAW TOOTH CUTTER



For blockages caused by
hardened, glazed material
such as chemical deposits.

RETRIEVING AUGER



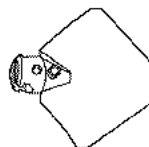
For searching for cable which is broken
or lost in line.

FUNNEL AUGER



For use as second tool in line. Breaks up
remains of stoppage left by straight auger.

SHARKTOOTH CUTTER



For lines which have
become badly greased
with detergents and have
to be opened.



INSPECTION TOOLS

MICRO DIGITAL INSPECTION CAMERA #36588



Designed for visual detection, diagnosis, and confirmation in hard to reach areas. The rugged 17mm aluminum camera head combined with a one-handed pistol grip design makes this tool ideal for the most demanding environments.

A crisp color LCD screen with 180° digital rotation allows for easy viewing, aided by 4 adjustable LCDs in the camera head. Included with the camera in a plastic blow molded case are a hook, magnet mirror and RCA cable.

- **Cable Reach**..... 3' Cable (not extendable)
- **Display**..... 2.4" Color LCD (480 x 234 resolution)
- **Lighting** 4 Adjustable LEDs
- **Video Output**..... 3' RCA Cable (included)
- **Waterproof** Camera & cable to 10' (when properly assembled)
- **Power Source** ... 4 AA batteries

MICRO INSPECTION CAMERA #36593



Allows you to perform more detailed visual inspections in even harder to reach areas. Its comfortable pistol-grip design, one-hand controls, and large screen make it easy to see into the tightest spots. Comes standard with a rugged 3/4" anodized aluminum camera head with four super bright LEDs to see into the darkest areas.

Easily rotate the active image counter-clockwise to see in any situation. With an available 6mm camera accessory, the Micro Inspection Camera allows you to service and identify problems in more places. Provides solutions whenever and wherever you need them.

- **Cable Reach**..... 3' (expandable to 6' w/optional extension)
- **Display**..... 3.5" Color LCD (320 x 240 resolution)
- **Lighting** 4 Adjustable LEDs
- **Video Output**..... 3' RCA Cable (included)
- **Waterproof** Camera & cable to 10' (when properly assembled)
- **Power Source** ... 4 AA batteries

Optional
Extension **#36594 6'**

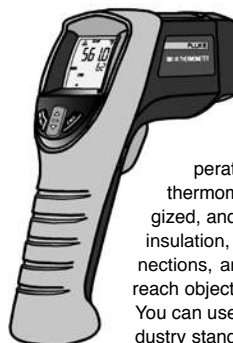
GEN-EYE MICRO-SCOPE #37794



The Gen-Eye Micro-Scope™ compact handheld inspection tool has a bright, easy to see 3.5" LCD screen for crisp clear pictures. You can record photos or videos on the built-in SD card reader with one-touch record button for playback on the internal screen, TV, or laptop computer through a USB port. The Micro-Scope™ reel carries up to 100 ft. of micro push rod with a color camera, giving you the ability to inspect 1-1/2" to 3" drain lines and many toilet traps. A 3 ft. probe rod with color camera lets you inspect hard to reach places. Six adapters are included to improve your viewing angle or to retrieve objects. Probe extensions are available. The Micro-Scope™ Command Module™ is loaded with lots of great stuff, including a digital zoom, rotatable picture, voice over recording capability, and LED brightness control.

- 3.5" LCD color monitor
- SD Card Reader to store stills or videos
- One touch record button
- On-Screen SD card capacity indicator
- LED brightness control
- Digital Zoom
- Picture rotate and mirror image buttons
- Internal microphone and speaker for voice over
- USB port to connect to computer, and Video-Out connects to TV
- Internal battery last up to 4 hours
- On-screen date, time, and battery strength indicator
- 3 ft. probe rod and color camera with 6 LED's
- 3 probe attachments - 90 deg. mirror, magnet, and hook.
- Open Reel w/adjustable monitor mount gives you the best viewing angle
- Carries up to 100 ft. of micro-push rod and color camera with 12 LEDs
- Ability to inspect 1-1/2" through 3" drain lines, and many toilet traps

INFRARED AND CONTACT THERMOMETER #37791



The Infrared and Contact Thermometer, combines the temperature measurement functions that industrial, electrical, and HVAC/R professionals need, all in one tool. It's fast, efficient, and easy to use, saving you valuable time and effort. With You can also take contact and ambient temperatures in the way that's best for you. Use the IR thermometer to measure hot, moving, electrically energized, and hard-to-reach objects instantly. Check motors, insulation, breakers, radiant heating, pipes, corroded connections, and wires. Plus, scan ducts, and other hard-to-reach objects from the floor. Leave your ladder in the truck. You can use its handy flexible pipe probe, or plug in any industry standard type K mini connector thermocouple probe you already own to take super-heat or internal temperatures.

- IR thermometer for quick measurements up close, or at a distance, without a ladder
- Contact thermometry capability, compatible with all standard mini-connector type K thermocouples, preserves your investment in thermocouples
- Fabric hook-and-loop fastener pipe probe for superheat and sub-cooling and other contact and ambient measurements
- Single-point laser sighting
- Temperature range of -40 °C to 550 °C (-40 °F to 1022 °F) covers most industrial and residential applications
- Easy emissivity adjustment (Lo, Med, Hi) for measuring pipes and other shiny materials more accurately
- Lightweight (just 12 ounces/340 grams) and portable
- Very easy to use
- Efficient-no need to shut down equipment when making IR measurements
- MIN, MAX, and DIF functions help you quickly identify problems
- Scan large areas or small objects quickly and efficiently



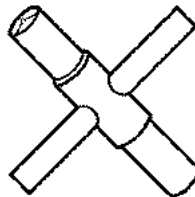
TOOLS - PLUMBING

P. O. PLUG WRENCH #03120



Holds P.O. plugs and basket strainers in position and keeps them from turning while installation is being made. Handle also serves as an aid in bending refill tubes. Malleable iron, aluminum finish.

FOUR WAY KEY #03029

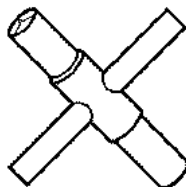


- Fits 1/4", 9/32", 5/16", 11/32"
- Fits stopcocks, sillcocks & valves
- Precision machined

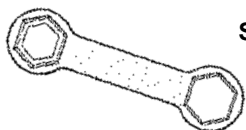


O-RING PICK #34448

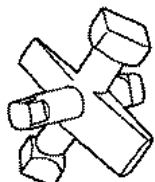
FOUR WAY HYDRANT KEY #03029Z



- Fits 1/4", 9/32", 5/16", 3/8"
- Fits Zurn
- Fits stopcocks, sillcocks & valves
- Precision machined



SLOAN FLUSH VALVE COVER AND NUT REMOVING TOOL #08010

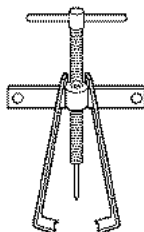


PLUG WRENCH #03122

For inserting or removing plugs with square sockets. Provides good leverage for use on drum trap plugs, flush floor drain covers, plugs in heating, water, and waste lines. Four sizes in one tool. Malleable iron, aluminum finish.

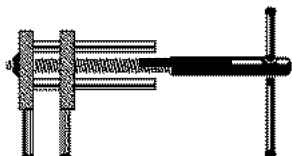
AVAILABLE IN SIZES: 3/4", 1", 1-1/8", 1-3/8"

"BIG YANK" FAUCET HANDLE PULLER #03201



Removes large and small handles. One piece forged drive bracket. Long adjustable grip fingers. 4" bracket width. 5" long gripper fingers.

SPUD WRENCH #03118HD



For removal or insertion of closet spuds, sink strainers, P.O. plugs, waste and overflows, etc. Hardened steel, cadmium plated. Capacity: 1" - 4"

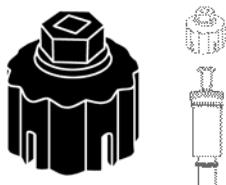
EXTRA HEAVY DUTY

ADJUSTABLE SPUD WRENCH #03117



For slip nuts, locknuts, and strainer nuts. 10" length. 1" to 3" capacity.

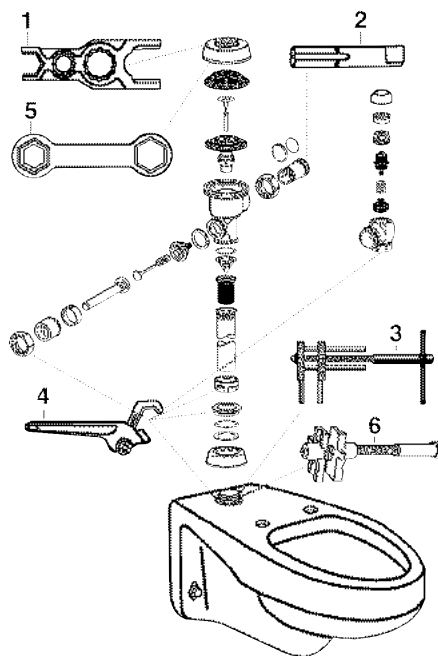
CARTRIDGE EXTRACTOR FOR FLUSHMATE #82701



Used to remove # 08287 Flushmate Cartridge

A Must Have Tool for Pressure Assist Flushmate Units!

FLUSHOMETER TOOLS

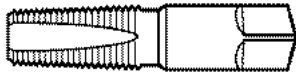


1. #08047 Sloan Super Wrench
2. #08063 Tailpiece Removing Tool
3. #03118HD Spud Wrench
4. #08070 Non-Marking Valve Wrench
Great for faucets too!
5. #08010 Cover and Nut Removing Tool
6. #03145 Multi-Purpose Inside Spud Wrench



TOOLS - PLUMBING

PIPE TAPS

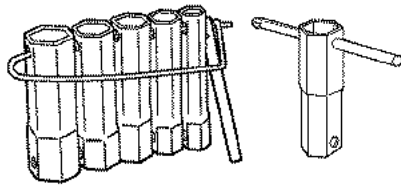


	IPS		IPS
#03030	1/8	#03035	1
#03031	1/4	#03036	1-1/4
#03032	3/8	#03037	1-1/2
#03033	1/2	#03038	2
#03034	3/4		

Call For Other Styles

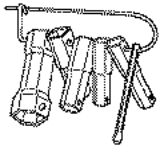
EQUIPRO SOCKET WRENCHES

For the professional !



#34740
Set of 5

For use on bonnet and packing nuts in recessed areas. Particularly useful on shower valves behind tile walls and on any bonnet or packing nut. Socket is inserted over valve spindle and down over nut. Each socket has 2 sizes, one at either end. Cross pin handle.



ECONOMY SOCKET WRENCHES

#03093 Set of 5

RIDGID



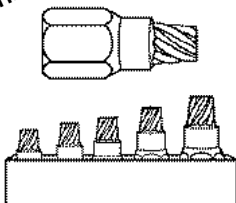
TAILPIECE EXTENSION CUTTER #36189

Can be used on Polyethylene (PE), Polypropylene (PP) and Thin-Walled PVC disposer kits, tailpieces and wall tubes of two standard sizes: 1-1/4" and 1-1/2" OD.

WEDGE PROOF EXTRACTORS

Low profile design offers exceptional grip in broken pipe fittings!

TOP OF THE LINE!

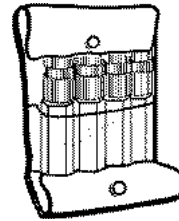


#35063
Set of 25: 1/8", Thru 7/8"

#35662
Set of 15: 7/16", Thru 7/8"

#35663
Set of 10: 1/8", Thru 13/32"

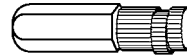
#27808
Pipe Sizes: 1/8", 1/4", 3/8", 1/2", 3/4"



COMPLETE PIPE EXTRACTOR KIT #27807

Consists of one each 3/8", 1/2", 3/4", and 1" sizes. Provides assurance that you'll have the right size on hand for any situation!

INTERNAL PIPE EXTRACTOR



#03100 3/8" **#03102** 3/4"
#03101 1/2" **#03103** 1"

SIX PIECE EXTRACTOR SET #37567



Low cost extractors remove nipples and broken parts without breaking or jamming.

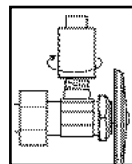
RETHREADING PIPE DIES



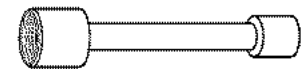
Part Number	Npt Thread Size	Width Across	Thick. of Die Flats
#27798	1/8-27 NPT	1-1/16"	3/8"
#27799	1/4-18 NPT	1-1/4"	5/8"
#27800	3/8-18 NPT	1-7/16"	5/8"
#27801	1/2-14 NPT	1-5/8"	3/4"
#27802	3/4-14 NPT	2"	13/16"
#35912	1- 11-1/2 NPT	2-3/8"	1"

STOP INSTALLATION WRENCH

#35342

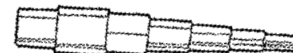


Remove outlet nut and screw on wrench.



- Fits 1/2" MPT or 3/8" compression outlet threads.
- Protects special finishes.
- Quick and easy alignment of stop valve.

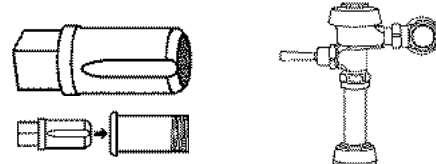
RADIATOR NIPPLE WRENCH #03092



For use on radiator nipples. Small end is inserted into nipple until proper size is reached. Pipe wrench is then used to turn tool and loosen or tighten nipple.

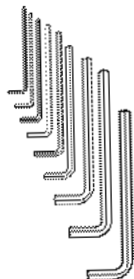
FLUSH VALVE TAILPIECE REMOVING TOOL

#08063



TOOLS

HEX KEY SETS



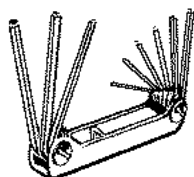
FRACTIONAL

- #35668 5/64" Thru 1/4" Long Arm
- #35667 5/64 Thru 3/8" Long Arm
- #35665 .050 Thru 3/8" Long Arm, Ball End

METRIC

- #35669 1.5 Thru 10 Short Arm
- #35666 1.5 Thru 10 Long Arm, Ball End

FOLDING HEX KEY SETS



FRACTIONAL

- #34942 .050 Thru 5/32"
- #44455 .050 Thru 3/16"
- #34943 5/64" Thru 1/4"
- #34457 3/16" Thru 3/8"

METRIC

TORX

- #35664 T6 Thru T10
- #35660 1.5 Thru 6
- #34875 T10 Thru T40
- #35661 4 Thru 10

PLUMBING FITTING BRUSH

(Cleans Outside)



- #35401 3/8"
- #03049 1/2"
- #35402 3/4"
- #03050 1"

ECONOMY FITTING BRUSH



- #35404 1/2"
- #35406 3/4"

HEAVY DUTY PLUMBING FITTING BRUSH

(Cleans Inside)



BEST QUALITY!

- #03041 3/8" #03044 1"
- #03042 1/2" #03045 1-1/4"
- #03043 3/4" #03046 1-1/2"

Call For Refrigeration Sizes

"BASIN BUDDY" UNIVERSAL BASIN NUT WRENCH

#37314



The Basin Buddy is the ultimate faucet nut removal tool. Used with a ratchet, (not included) the Basin Buddy loosens the most stubborn nuts with ease. This tool features a patented cut-away body that wraps around existing supply tubes, and allows for one-handed operation. Includes 3/8" ratchet adapter.

"T" HANDLE HEX KEY SETS



#35202

6" LENGTH - 10 PC.

3/32" , 7/64", 1/8", 9/64",
5/32", 3/16", 7/32", 1/4",
5/16", 3/8"

#35203

9" LENGTH - 10 PC.

3/32" , 7/64", 1/8", 9/64",
5/32", 3/16", 7/32", 1/4",
5/16", 3/8"

#35384

6" LENGTH - 10 PC.

WITH TRAY

3/32" , 7/64", 1/8", 9/64",
5/32", 3/16", 7/32", 1/4",
5/16", 3/8"

#35201

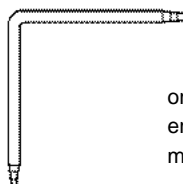
9" LENGTH - 10 PC.

WITH METAL STAND

3/32" , 7/64", 1/8", 9/64",
5/32", 3/16", 7/32", 1/4",
5/16", 3/8"

#03089

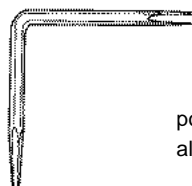
SEAT WRENCH



Six step seat wrench. 3 hex sizes on one end, and 3 square sizes on the other end. Hardened steel, bright plated. Fits most seats in general use.

#03088

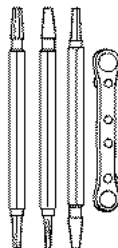
TAPERED SEAT WRENCH



Bright plated. Angle type. The most popular all around seat wrench. Handles all seats in general use.

#34491

FAUCET SEAT WRENCH SET

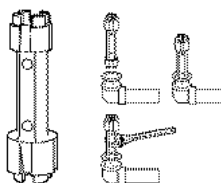


Square hex combination wrench. One tool removes most square & hexagonal broached seats. Precision machined 7/16" hex steel, case hardened and plated. Supplied with our 3/8" x 7/16" reversible ratcheting box wrench.

#03131

"SMART" DUMBBELL REMOVER

Installs and removes tub drains and closet spuds



- Fits tub drains with cross bars.
- Fits 1-1/2" and 2" closet spuds.
- Installs or removes drains without crossbars (Kohler, American Standard.)
- Prevents scratching of decorative finishes.
- Saves time, money, and aggravation.



#34339

REGULAR DUTY UTILITY BLADE

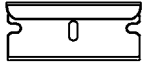


5 Per Pack.

A thinner, more flexible blade for use where light, thick sheet materials (such as corrugated cardboard) may "choke" the blade. 2" length.

#34336

SINGLE EDGE RAZOR BLADES



Sold Individually.

Steel-backed high carbon steel blade fits all standard razor blade tools. 1-1/2" length.

#34591

RETRACTABLE UTILITY KNIFE

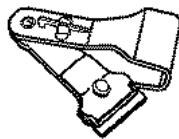


Lightweight, durable utility knife with a three position retractable blade. Furnished with 3 heavy duty blades.

TRY
THIS!

#34643

RETRACTABLE SCRAPER



- 7-7/8" when fully opened.
- Holder tilts blade to give better scraping angle in tight corners.
- Blade folds into handle when not in use, allowing it to be stored in a tool box safely.
- Replaceable blade.



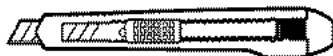
#34727

"GRIPZIT" STRAP TOOL

- Nylon reinforced rubber strap.
- Slip resistant.
- Won't scratch or mar delicate surfaces.
- Adapts to any shape.
- Adjusts down to 1/2"
- Perfect for Sloan Optima Plus flush valves, tub spouts, shower arms, and water filters

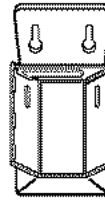
#35617E

PLASTIC BREAKAWAY KNIFE



#34337

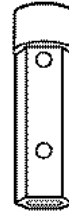
100 BLADE DISPENSER PACK



- Sturdy plastic dispenser.
- Contains 100 utility knife blades.
- Dispenses blades one at a time for safety and convenience.
- Hang holes for wall mounting.

#03039

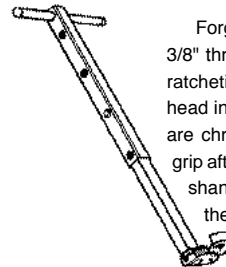
14 IN 1 CLOSET SEAT WRENCH



The Closet Seat Nut wrench is used for turning various closet seat nuts. You can engage or disengage the nuts without the danger of fracturing nonmetallic nuts. The awkward task of tightening or loosening nuts is made easy since both ends of the tool are adapted for use with a leverage pin.

#34748

TELESCOPIC BASIN WRENCH

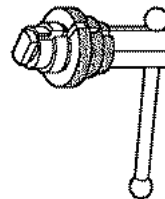


Forged alloy jaws are spring loaded to grip all nuts 3/8" through 1-1/4" across flats. You get fast, one hand ratcheting operation in tight spots. Tension plug holds head in any position up to 90° angle. Handle and shank are chrome plated. Stainless steel spring assures firm grip after positioning jaw on nut, pipe, or tube. Telescopic shank is quickly adjusted to desired length and held there by spring loaded pin.

TOP OF
THE LINE!

#44340

INTERNAL WRENCH



Ideal for internal holding on hollow work, holding closet spuds and bath, basin and sink strainers through 2". It can also be used for installing and extracting 1" through 2" nipples and tubing. Twin multi-size jaws have knurled gripping faces that expand by eccentric action. Jaws are quickly reversed for various sizes. Sliding, reversible handle. It's well balanced, compact size make the Internal Wrench from I.P.S. ideal, especially for work in tight quarters.



A CENTER FERRULE



B POINTED BLADE



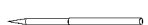
C ROUNDED TIP BLADE



D CURVED BLADE



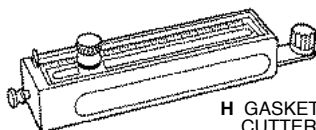
E PIVOT PIN FOR UNDER 1/8" THICK



F PIVOT PIN FOR OVER 1/8" THICK



G DISK PIN



H GASKET CUTTER

GASKET CUTTER

The most handy, yet precise, gasket cutting tool available anywhere! A necessity for any tool box. The rugged, phenolic body provides for versatile and efficient gasket cutting capabilities of the highest standards. An exclusive body design provides an ironing action to prevent material as thin as .001" from buckling, ensuring a precision cut. The body design also allows the cutting of straight strips up to 3-5/8" wide, gasket cutting capabilities from 1/4" to 6", and allows a cutter to be used as a pin handle.

See Page 353 for
Gasket Material

BASIC KIT #79117

1 EACH OF A, B, C, D, E, F, G, & H

COMPLETE KIT #79118

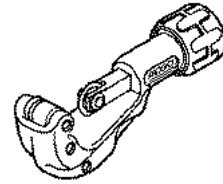
- 1 EACH OF C, D, H, & CUTTING WORKBOARD & MATERIAL BOX (NOT SHOWN)
- 4 TYPE B BLADES
- 3 EACH OF TYPE E & F PINS



TOOLS

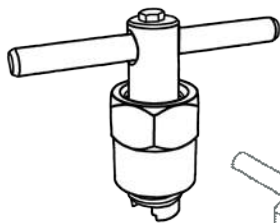


TUBING CUTTER REPLACEMENT WHEELS

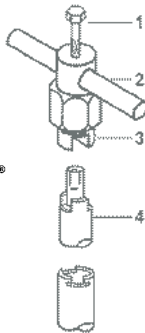


CUTTER WHEELS		Model No.	10	15	20	30	101	103	104	118	151	152	153	154	156	205	
I.P.S. Part #	Model No.	Blade Exp.															Application/Material
#34785	E-1240	.162	▲	▲	▲												Stainless Steel
#34586	E-3469	.149					•	•	•	•	•	•			•	•	Aluminum & Copper
#36164	E-4546	.162									▲	▲				▲	Stainless Steel
#34754	F-158	.149	•	•	•												Aluminum & Copper
#34623	E-2558	.220				•							•	•			Aluminum & Copper

• Denotes Cutter Wheels furnished with original product. ▲ Denotes alternate Cutter Wheel.



MOEN CARTRIDGE REMOVAL TOOL #36562



3-SPOT POWER BEAM FLASHLIGHT #32728



HEAVY DUTY INDUSTRIAL FLASHLIGHT

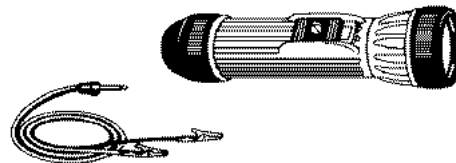
#32726

Uses Two "D" Cells

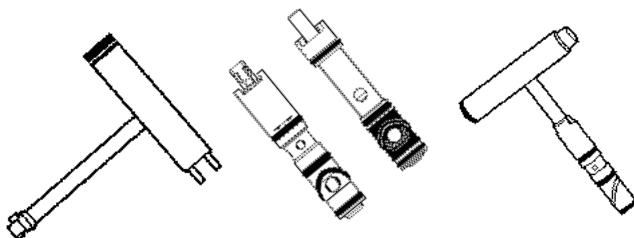


#32727

As Above, with Continuity Tester



CARTRIDGE REMOVING TOOL - FOR MOEN #34464



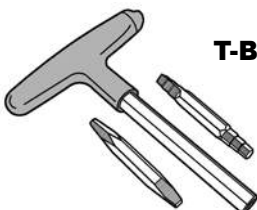
REMOVES PLASTIC AND BRASS CARTRIDGES!

2-WAY WRENCH FOR T-CONE CLEANOUT TEST AND REPAIR PLUGS #86545



- For tightening 1" thru 6" combination cleanout test plugs and cleanout repair plugs with raised head
- For T-Cone cleanout test & repair plugs
- Also fits 3" thru 4" recessed drive plugs

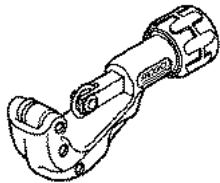
T-BAR HANDLE SEAT WRENCH #37675



TUBING CUTTERS

TUBING CUTTERS

RIDGID

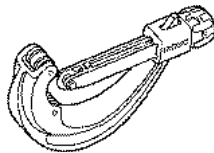


- #34668** 1/8" thru 1-1/8" OD
- #34667** Above With HD Wheels
- #35331** 1/4" thru 2-3/8" OD

Features an enclosed feed screw to eliminate clogging and jamming, grooved rollers for close to flare cuts, and a fold away reamer. Made from high strength aluminum alloy with a spare cutter wheel in the handle. Cuts copper, brass, and aluminum tubing, and thin wall conduit.

QUICK ACTING TUBING CUTTERS

RIDGID



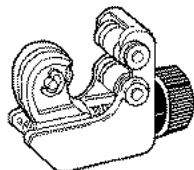
- #34253** 1/4" thru 1-5/8"
- #35407** 1/4" thru 2-5/8"
- #35408** 1-1/4" thru 3-1/2"
- #35409** 1-7/8" thru 4-1/2"
- #35410** 4" thru 6-5/8"

Push the cutter handle to snug the cutter wheel against the tubing, press the release nut to automatically snap cutter open. I-beam construction, hardened wear surfaces, and thrust bearing slide assemblies for smooth operation.

ALSO AVAILABLE FOR PLASTIC PIPE

MINIATURE TUBE CUTTER

RIDGID

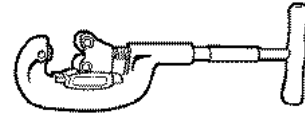


- #03011** 1/8" - 5/8" OD
- #34425** 1/4" - 1-1/8" OD
- #34251** 1/8" - 15/16" OD

Specifically designed for use in extra close quarters on small size hard and soft copper, aluminum, brass and plastic tubing. Two rollers opposite cutter wheel permit easier rotation and faster cutting. Slide and wheel housing are strong and light weight. Large, knurled feed screw knob gives easy control pressure for clean cuts.

HEAVY DUTY PIPE CUTTER

RIDGID



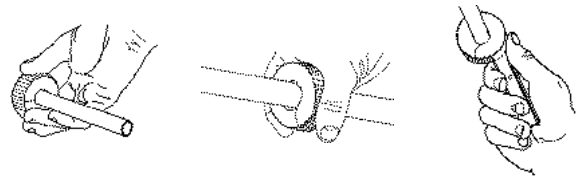
- #35412** 1/8" Thru 1-1/4"
- #35413** 1/8" Thru 2"

Gives fast, clean pipe cutting by hand or power. Extra long shank protects adjustment threads. Extra large handle for quick, easy adjustment. Balanced frame of malleable iron. Equipped with tough blade cutter wheel. Can convert to 3 wheel cutter by replacing roller with wheels.

CLOSE QUARTER COPPER TUBING CUTTER



General Wire Spring Co.



- #35174** For 1/2" Copper
- #35177** For 3/4" Copper
- #37234** For 1" Copper
- #35178** 1/2" Ratchet Handle
- #35179** 3/4" Ratchet Handle

- Cuts with less than one inch of clearance.
- Cutter wheel tightens automatically.
- Spring loaded to provide constant cutting pressure.
- Won't crimp tubing.

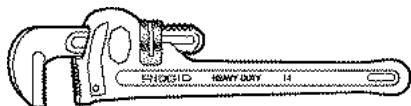
REPLACEMENT CUTTER WHEELS IN STOCK



PIPE WRENCHES

RIDGID

HEAVY DUTY PIPE WRENCHES



The original heavy duty pipe wrench, known for its serviceability. Replaceable jaws are made of hardened alloy steel. Full floating hook jaw gives instant grip and release. Handy pipe scale and large easy to spin adjusting nut allow fast, one handed setting to pipe size. Comfort grip, malleable iron I-beam handle.

6" #34304	18" #34307
8" #34305	24" #34955
10" #34952	36" #34960
12" #50883	48" #35208
14" #34852	60" #35209

OFFSET NON-MARKING WRENCH

#08070



Hex jaw design gives multi-sided, secure grip on all hex nuts, square nuts, unions and valve packing nuts. The extra-wide opening is ideal for securing drain nuts on sinks and tubs. Thin, smooth jaws slip into the tightest places.

MAX. JAW OPENING:	2-5/8"
NUT CAPACITY:	Up thru 1-1/2"
HANDLE:	9-1/2"

END PIPE WRENCH

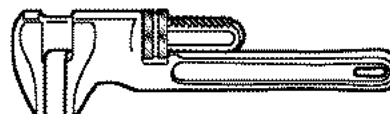


Designed with an offset jaw and longer handle swing to ease work in tight places, these wrenches offer the quality features of famous RIDGID Straight Pipe Wrenches: replaceable jaws, full floating hook jaw, easy-spin adjusting nut, pipe scale and malleable iron I-beam handle.

E-6 #35210	E-14 #35213
E-8 #35211	E-18 #35214
E-10 #34308	E-24 #35215
E-12 #35212	E-36 #35216

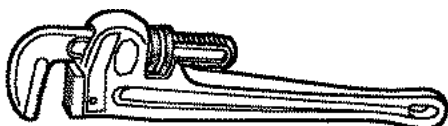
12" SPUD WRENCH

#35220



Handy general utility monkey wrench. Designed for efficient working balance and strength but with narrow jaws for easier use in close quarters. Replaceable drop forged heat treated hook jaw. Special malleable I-beam handle. Handy hang up hole.

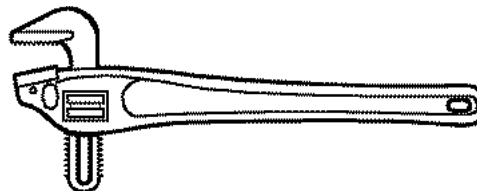
ALUMINUM PIPE WRENCH



Aluminum handles make these heavy duty wrenches almost 40% lighter than similar wrenches with malleable iron handles. Ideal for over head work. Also available with special hook and heel jaws for plastic pipe.

10" #35029	24" #34676
14" #34617	36" #35218
18" #35217	48" #35219

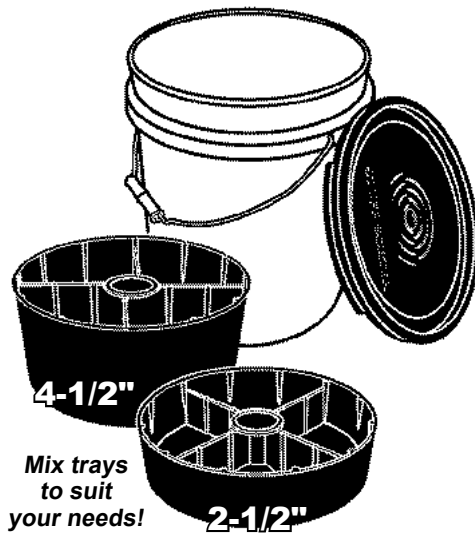
HEAVY DUTY OFFSET PIPE WRENCH



These wrenches are just strong as regular ridgid heavy duty wrenches of the same size. Jaw opening parallels handle, making these wrenches ideal for fast, easy, one hand operation overhead or in tight places. Spring suspended hook jaw gives tight grip, fast release. Narrow jaw head fits into close quarters. Adjusting nut turns easily for fast size adjustment.

14" #35221
18" #35222
24" #35223





Mix trays
to suit
your needs!

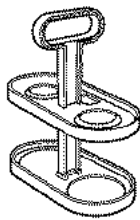
2-1/2"

#37684 VERSAPACK STUFF SORTER

The versatile, portable, storage organizer

Ideal for all Industries:

- Plumbing supplies
- Heating/AC supplies
- Electrical supplies
- Drywall screws
- Nails, screws, nuts, bolts
- Fishing and/or hunting gear
- Agricultural supplies
- Automotive parts
- Camping supplies
- Arts and crafts supplies
- Garage/Shop use
- Everyday household items



#37692 PRIME & GLUE MATE™

The Prime-N-Glue Mate keeps cans conveniently together for easy application and transport. The holders safely secure most quart and pint cans and display "OSHA" friendly/visible labels on the outside.



#37688 EXTRA DIVIDERS

Divide your 2 1/2" trays into 8 sub-sections! These handy dividers can be used only with our 2 1/2" trays, and come packaged 4 per bag.



#37685 BUCKREEL™

Enables you to store and transport your extension cords, high pressure air hoses, ropes, Christmas lights, etc. inside a 5 gallon plastic bucket. This keeps your equipment clean, tangle and damage free.

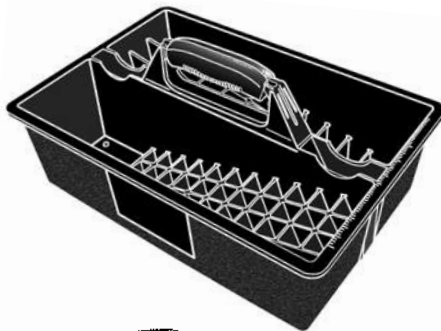
Capacities

- Electrical Extension Cords, 10 gauge: 50ft., 12 gauge: 100 ft.
- 3/8 ID High Pressure Air Hose: 50ft.
- 3/8 rope: 50ft.



#37695 COMFORT GRIP

Place these cushioned bucket handles on your pail to give your fingers a break!



Stackable!

PIPEMATE NIPPLE TRAY

- #37690 1/2" Nipple Tray
- #37691 3/4" Nipple Tray
- # 37689 1/2" & 3/4" Combo Tray

Features

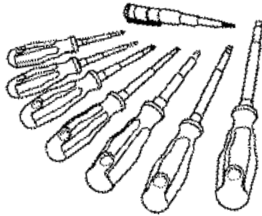
- One piece construction
- Even weight distribution
- Drain holes for each nipple
- Ruler for quick sizing
- OD pipe conversion ruler
- Slots for Teflon tape
- Room for pipe thread, long nipples, and assorted tools
- Soft rubber handle comfortably conforms to your hand.



TOOLS, DRIVERS & BITS

7 PIECE VDE SCREWDRIVER SET WITH VOLTAGE TESTER # 37620

Protect
Yourself!

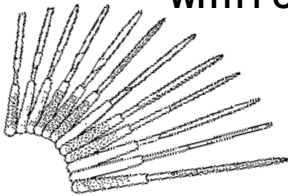


Seven-piece insulated VDE screwdriver set. Ergonomic, soft grip handles for added comfort and greater turning power.

Includes:

- Phillips Drivers: PH0 x 60mm, PH1 x 80mm, and PH2 x 100mm.
- Slotted Drivers: 3 x 75mm, 4 x 100mm, 5.5 x 125mm, and 6.5 x 150mm.
- All purpose voltage tester.

10 PIECE PRECISION NEEDLE FILE SET WITH POLY HANDLES



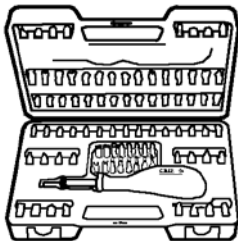
37621

A Must For Every Shop!

36064

SPECIAL TAMPERPROOF BIT KIT

A must for every maintenance department !



This complete set includes security bits to remove tamper resistant screws, as well as standard bits for more common fasteners. This kit also includes a heavy duty ratchet screwdriver with forward, reverse, and conventional settings.

All bits fit any 1/4" hex driver and most power screwdrivers.

This kit contains:

Slotted Bits:

3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16"

Phillips Bits:

#0, #1, #2, #3, #4, drywall #2

Star Drive Bits:

SD-5, 5.5, 6, 7, 8, 9, 10, 15, 20, 25, 27, 30, 35, 40, 45, 50

Square Drive Bits:

S-0, 1, 2, 3

Hex SAE Bits:

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16"

Pozi Bits:

#0, #1, #2, #3, #4

Hex mm Bits:

1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 7, 8

Clutch Bits:

1/8", 5/32", 3/16", 1/4", 7/32"

Security Torx Bits:

T8, T10, T15, T20, T25, T27, T30, T35, T40

Torx Bits:

6, 8, 10mm

Security Hex Bits:

5/32", 9/64", 1/8", 7/64", 3/32", 5/64"

6mm Security Hex Bits:

2, 2.5, 3, 4, 5, 6mm

Tri-wing Bits:

#1, #2, #3, #4

Spanner Bits:

4mm, 6mm, 8mm, 10mm

Magnetic Extension Bit Holder

2-5/16

Socket Adaptor

1/4" hex x 1/4" dr.

Three Setting Ratchet Handle Carrying Case

#37304 DUAL CLOSE QUARTER DRIVER SET



Includes tamper proof torx bits T8 thru T30

SPANNER DRIVER WITH BIT



#71168 #4 #71171 #10

#71169 #6 #71172 #12

#71170 #8 #71173 #1/4

PHILLIPS PIN HEAD DRIVER

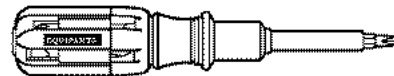


#71152 #2 Driver Complete

#71153 #3 Driver Complete

#35965

15 IN 1 RATCHETING SCREWDRIVER WITH BITS



6 IN 1 SCREWDRIVER



#03024 Slotted and Phillips

#37217

RATCHETING STUBBY SCREWDRIVER WITH BITS



MAGNETIC HAND DRIVERS



#34249 1/4" Hex Drive

#71147 5/16 Hex Drive

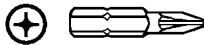
2 IN 1 POCKET SCREWDRIVER

#35903



BITS & KITS

1/4" HEX INSERT BITS PHILLIPS BIT - 1" OVERALL LENGTH



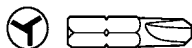
PART #	SIZE
#70521	1
#70522	2
#70523	3

TORX BIT 1" OVERALL LENGTH



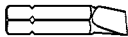
PART #	SIZE	PART #	SIZE
#34200	6	#34206	20
#34201	7	#34214	25
#34202	8	#34215	27
#34203	9	#34216	30
#34204	10	#35445	40
#34205	15		

TRI-WING BIT 1" OVERALL LENGTH



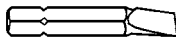
PART #	SIZE	PART #	SIZE
#34231	1	#34229	4
#34232	2	#34230	5
#34228	3		

SLOTTED 1/4" HEX SHANK INSERT BITS 1" OVERALL LENGTH



PART #	SIZE
#35908	8
#35910	10
#35911	12

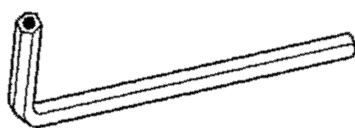
SLOTTED 1/4" HEX SHANK INSERT BITS 1-1/2" OVERALL LENGTH



PART #	SIZE
#34210	6-8
#34212	8-10
#34213	10-12

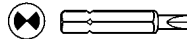
#34199

TAMPERPROOF HEX KEY KIT



Includes sizes: 3/32, 1/8, 5/32, 3/16, 7/32 in a vinyl pouch.

CLUTCH 1/4" HEX SHANK INSERT BITS - 1" OVERALL LENGTH



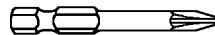
PART #	SIZE
#34220	3/32"
#34219	1/8"
#34222	5/32"
#34221	3/16"
#34218	1/4"

SQUARE BIT



PART #	SIZE
#71130	1
#71131	2
#71132	3

POWER BITS



#23021
1/4" Hex shank power bit - size 3

MAGNETIC CHUCK



#23006
1/4" magnetic chuck
with 1/4" hexagonal shank

#28095
5/16" magnetic chuck
with 1/4" hexagonal shank

#28096
3/8" magnetic chuck
with 1/4" hexagonal shank



#34233
1/4" magnetic chuck
with 1/4" hexagonal shank
2-7/8" overall length

CALL FOR ASSISTANCE AND PRICING!

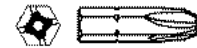
31 PC. BIT KIT #71197



INCLUDES: Magnetic hand driver with solid handle, magnetic bit holder for 1/4" hex insert bits, socket adapter, and 1" versions of phillips, slotted, hex, square, star, Posidriv, and clutch bits.

TAMPERPROOF 1/4" HEX INSERT BITS

PHILLIPS PIN HEAD BIT



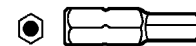
PART #	SIZE
#71154	2
#71155	3

TORX BIT - 1" LENGTH



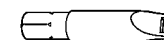
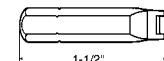
PART #	SIZE	PART #	SIZE
#71335	7	#34198	20
#71336	8	#71276	25
#71337	9	#71277	27
#34196	10	#71278	30
#34197	15	#34217	40

SOCKET PIN HEAD BIT



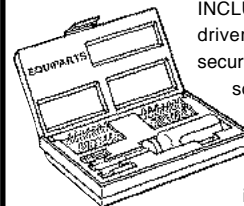
PART #	SIZE	PART #	SIZE
#34235	3/32	#34238	3/16
#34236	1/8	#34239	7/32
#34237	5/32		

SPANNER BITS



#35444	#4	1/4 HEX
#71136	#4	5/16 HEX
#34191	#6	1/4 HEX
#71138	#6	5/16 HEX
#34192	#8	1/4 HEX
#71140	#8	5/16 HEX
#34193	#10	1/4 HEX
#71142	#10	5/16 HEX
#34194	#12	1/4 HEX
#71144	#12	5/16 HEX
#34195	#1/4	1/4 HEX
#71145	#1/4	5/16 HEX

TAMPERPROOF BIT KIT #71198

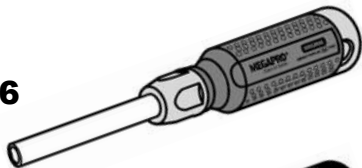


INCLUDES: Magnetic hand driver with handle storage, security versions of phillips, socket, & spanner bits, slotted, phillips, & square drive bits. Socket adapter included.



MEGAPRO DRIVERS

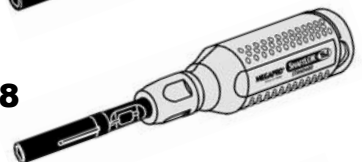
#37696



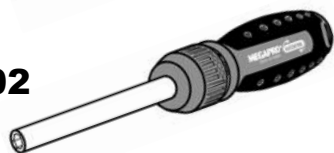
#37697



#37698



#37702



#37710



The Original

The most popular Megapro® driver! Loaded with 7 double end professional quality bits, this assortment provides the 14 most popular tips for driving screws.

Tamperproof

This 15-in-1 is a must for all commercial and industrial tradesmen. The Tamperproof assortment includes the most popular security bits, including Spanners, Hex Pins and Torx Pins. The shaft opening serves as a 1/4" hex driver!

ShaftLOK

New bit design - patents pending. Locking shaft eliminates the danger of bits falling out of the shaft when getting partially stuck in the fastener.

Ratcheting

Features patent pending ZAD 8 Zinc Alloy SOLID-CORE ratchet that delivers over 225 inch lbs of torque strength. Precision 28-tooth ratchet design makes driving faster and easier.

HVAC

14 bit tips featuring Schrader Valve Stem bit, Square Awl Reamer bit, and DoubleLok Phillips #2 combo bit, which can be used in any quick change chuck.

MEGAPRO ACCESSORIES

#37680

High-Intensity Work Light

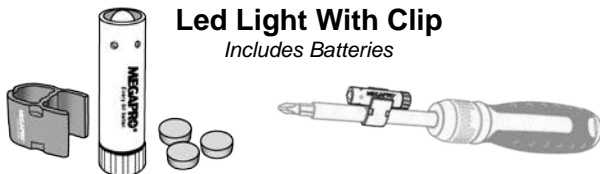


Produces a powerful floodlight effect to see your work! Quality push button on/off switch. Molded clip to stay in your pocket. Water-resistant superior design. Uses 3 AAA batteries to drive 6 super bright white LEDs.

#37701

Led Light With Clip

Includes Batteries



Locking Extensions

Locks into ShaftLOK driver shaft, providing a slim profile into those hard-to-reach places. Clearance: .375" min.



#37704

Driver Kit



Includes # 37698 ShaftLOK driver, # 37700 6-inch extension, and holster.

#37756

4 In 1 Pocket Screwdriver



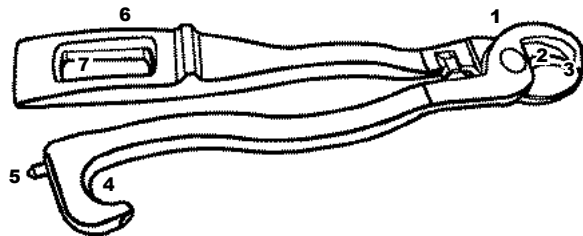
The 4-in-1 Pocket Driver is a handy tool that features a double ended slot bit and a double ended Phillips bit. It's perfect for a tool box, glove box, or even to clip onto your shirt, tool pouch, or tool belt



CHAN NEL LOCK

RESCUE TOOL #37658

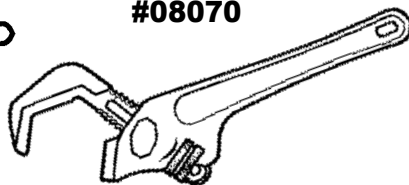
The multi-function, life-saving tool designed specifically for Firefighters, EMS crews, and other first responders.



1. Narrow jaw profile fits in tight spots.
2. Hardened cutting edges shear through soft metal
3. Standard battery cables are no match for its cutting power.
4. Spanner wrench tightens and loosens hose couplings.
5. Tool steel punch shatters safety glass.
6. Pries windows and doors open.
7. Shuts off gas safety valve.

OFFSET NON-MARKING WRENCH #08070

RIDGID



Hex jaw design gives multi-sided, secure grip on all hex nuts, square nuts, unions and valve packing nuts. The extra-wide opening is ideal for securing drain nuts on sinks and tubs. Thin, smooth jaws slip into the tightest places.

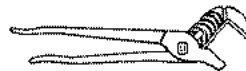
MAX. JAW OPENING: 2-5/8"
NUT CAPACITY: Up thru 1-1/2"
HANDLE: 9-1/2"

CHAN NEL LOCK

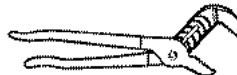
TONGUE & GROOVE PLIERS

SMOOTH JAW PLIERS

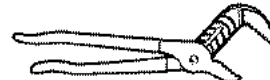
SIZE	JAW CAPACITY	PART#
10"	2"	#415



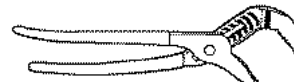
SIZE	JAW CAPACITY	PART#
10"	2"	#430



SIZE	JAW CAPACITY	PART#
12"	2-1/4"	#440



SIZE	JAW CAPACITY	PART#
16"	4-1/4"	#460



GRIPLOCK PLIERS

SIZE	JAW CAPACITY	PART#
9-1/2"	1-1/4"	#0GL10
12"	2-1/4"	#0GL12



CHAN NEL LOCK

CONVERSION SNAP RING PLIER #907



WIRING TOOL #908



Multipurpose wiring tool. Strips wire with no damage to conductor. Cuts wire cleanly. Cuts machine bolts without damaging threads. Crimps both insulated and non insulated wire. 8-1/4" in length.

CHAN NEL LOCK

ROUNDED NOSE ELECTRICIAN'S PLIERS

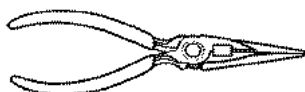


7" **#347**

8-1/2" **#348**

LONG NOSE PLIERS

With Side Cutter



6" **#326**

LONG NOSE PLIERS

With Side Cutter



7-1/2" **#317**

AVIATION SNIPS

Excellent for cutting 18-gauge or heavier cold rolled steel.



Cuts Left - 10"
#609L



Cuts Straight - 10"
#609S



Cuts Right - 10"
#609R



DRILL BITS

DRILL BITS



- Special Hi-Molybdenum tool steel
- 135° split point for fast penetration and accurate starting without center punch.
- Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.
- Body and clearance are gold surface treated for maximum lubricity.
- Drills are heat treated at 2185°F and then nitro-carburized finished at 950°F to be measurably harder than high speed steel.
- Space age nitro-carburized steel withstands substantially higher drilling temperatures while maintaining sharpness.
- Recommended for use in work hardening grades of stainless steel and other hard metal drilling applications.

FRACTIONAL

#30000	1/16	#30008	3/16	#30153	19/64	#30160	13/32
#30001	5/64	#30009	13/64	#30154	5/16	#30161	27/64
#30002	3/32	#30010	7/32	#30155	21/64	#30162	7/16
#30003	7/64	#30011	15/64	#30156	11/32	#30163	29/64
#30004	1/8	#30012	1/4	#30157	23/64	#30164	15/32
#30005	9/64	#30149	17/64	#30158	3/8	#30165	31/64
#30006	5/32	#30152	9/32	#30159	25/64	#30166	1/2
#30007	11/64						

OTHER SIZES AVAILABLE UPON REQUEST



DRILL BITS

- Special Hi-Molybdenum tool steel
- 135° split point for fast penetration and accurate starting without center punch.
- Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.
- Body and clearance are gold surface treated for maximum lubricity.
- Space age nitro-carburized steel withstands substantially higher drilling temperatures while maintaining sharpness.
- Recommended for use in work hardening grades of stainless steel and other hard metal drilling applications.

3/8" SHANK MAGNUM SUPER PREMIUM



30104

DRILL BIT SET

INCLUDES SIZES 1/16" THRU 1/2"

#30092	25/64	#30096	29/64	#30100	17/32
#30093	13/32	#30097	15/32	#30101	9/16
#30094	27/64	#30098	31/64	#30102	19/32
#30095	7/16	#30099	1/2	#30103	5/8

Sizes larger than 3/8" have 3/8" reduced shank.

1/2" SHANK MAGNUM SUPER PREMIUM



Sizes larger than 3/4" diameter have 118° split point.

#30150	33/64	#30151	11/16	#30105	55/64	#30106	1-1/16
#30107	17/32	#30108	45/64	#30109	7/8	#30110	1-3/32
#30111	35/64	#30112	23/32	#30113	57/64	#30114	1-1/8
#30115	9/16	#30116	47/64	#30117	29/32	#30118	1-5/32
#30119	37/64	#30120	3/4	#30121	59/64	#30122	1-3/16
#30123	19/32	#30124	49/64	#30125	15/16	#30126	1-7/32
#30127	39/64	#30128	25/32	#30129	61/64	#30130	1-1/4
#30131	5/8	#30132	51/64	#30133	31/32	#30134	1-5/16
#30135	41/64	#30136	13/16	#30137	63/64	#30138	1-3/8
#30139	21/32	#30140	53/64	#30141	1	#30142	1-7/16
#30144	43/64	#30145	27/32	#30146	1-1/32	#30147	1-1/2



DRILL BITS

ROTO & PERCUSSION MASONRY DRILLS



The tungsten carbide tips of the I.P.S. drills are of large sturdy dimensions, uniting breaking strength and wear resistance to an extraordinary degree. The diamond ground cutting edges make for easier and faster drilling, which is further enhanced by the particular grinding of the point. The I.P.S. Roto/Percussion drill is tipped with Tungsten Carbide and specially designed for the drilling of brick, tile, granite,

concrete and similar hard wearing material. These facts combined with the latest developments of tungsten carbide make it possible to use the I.P.S. drill with equal success on a rotary drilling machine for softer material like brick, tile, marble, sandstone etc., and a percussion drilling machine for use in hard material like concrete, granite etc. - **a fact worthy of note:** that the one I.P.S. drill will serve both purposes.

PART#	DRILL	LENGTH	SHANK
#07373	1/8	3	1/8
#07374	5/32	3	5/32
#07375	11/64	3-1/4	11/64
#07376	3/16	3-1/2	3/16
#07377	3/16	6	3/16
#07378	13/64	3-3/4	13/64
#07379	7/32	3-3/4	7/32
#07380	15/64	4	15/64
#07381	1/4	4-1/8	1/4
#07382	1/4	6	1/4
#07383	1/4	13	1/4
#07384	1/4	16	1/4
#07385	1/4	20	1/4
#07386	1/4	24	1/4
#07388	5/16	4-3/4	1/4
#07389	5/16	4-3/4	5/16
#07390	5/16	6	5/16
#07391	5/16	6	1/4
#07394	5/16	16	5/16

PART#	DRILL	LENGTH	SHANK
#07395	5/16	16	1/4
#07396	5/16	20	5/16
#07397	5/16	20	1/4
#07398	5/16	24	5/16
#07399	5/16	24	1/4
#07400	3/8	4-1/2	3/8
#07401	3/8	4-1/2	1/4
#07431	3/8	6	3/8
#07403	3/8	13	1/4
#07404	3/8	16	3/8
#07405	3/8	16	1/4
#07406	3/8	20	3/8
#07407	3/8	20	1/4
#07408	3/8	24	3/8
#07409	3/8	24	1/4
#07410	7/16	6-1/4	7/16
#07411	7/16	6-1/4	1/4
#07413	7/16	20	1/4
#07414	1/2	6-3/4	1/2

PART#	DRILL	LENGTH	SHANK
#07415	1/2	6-3/4	3/8
#07416	1/2	6-3/4	1/4
#07420	1/2	16	1/2
#07421	1/2	16	3/8
#07422	1/2	16	1/4
#07423	1/2	20	1/2
#07424	1/2	20	3/8
#07425	1/2	20	1/4
#07426	1/2	24	1/2
#07427	1/2	24	3/8
#07428	1/2	24	1/4
#07429	9/16	7-1/4	3/8
#07430	5/8	6	1/2
#07436	3/4	6	1/2
#07437	3/4	10	1/2
#07442	7/8	6	1/2
#07447	1	6	1/2



MAGNUM SUPER PREMIUM HIGH SPEED STEEL TAPS FOR USE IN POWER TOOLS

TOP OF
THE LINE!



Special Hi-Tungsten and Hi-Molybdenum tool steels, gold surface treated for maximum lubricity. Spiral point construction drives chips ahead of the tap, permitting higher speeds and faster cutting with less torque. Precision ground threads for the ultimate in accuracy and performance. Recommended for stainless and other hard metals. Plug style pointed taps are ideal for production tapping of through holes.

PART #	SIZE	# OF FLUTES	PART #	SIZE	# OF FLUTES	PART #	SIZE	# OF FLUTES
#34086	0-80	2	#34098	6-32	2	#34109	5/16-24	2
#34087	1-64	2	#34099	6-40	2	#34110	3/8-16	3
#34088	1-72	2	#34484	8-32	2	#34111	3/8-24	3
#34089	2-56	2	#34101	8-36	2	#34112	7/16-14	3
#34090	2-64	2	#34485	10-24	2	#34113	7/16-20	3
#34091	3-48	2	#34486	10-32	2	#34114	1/2-13	3
#34092	3-56	2	#34487	12-24	2	#34115	1/2-20	3
#34093	4-40	2	#34105	12-28	2	#34116	5/8-11	3
#34094	4-48	2	#34488	1/4-20	2	#34117	5/8-18	3
#34095	4-36	2	#34107	1/4-28	2	#34118	3/4-10	3
#34096	5-40	2	#34108	5/16-18	2	#34100	3/4-16	3
#34097	5-44	2						

PIPE TAP



PIPE SIZES			
PART #	TAPER PIPE THREAD SIZE	PART #	TAPER PIPE THREAD SIZE
#03030	1/8-27	#03035	1 - 11-1/2
#03031	1/4-18	#03036	1-1/4 - 11-1/2
#03032	3/8-18	#03037	1-1/2 - 11-1/2
#03033	1/2-14	#03038	2 - 11-1/2
#03034	3/4-14		



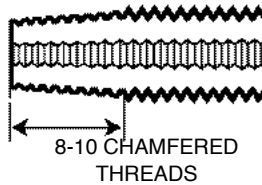
TAPS

TAPS STYLES AND THREADS

Except for the smallest sizes, all INDUSTRIAL PLUMBING taps are butted off (squared off at the end) with a center hole. Consequently, their Taper, Plug, or Bottoming style is best determined by their thread chamfer as illustrated and described below.

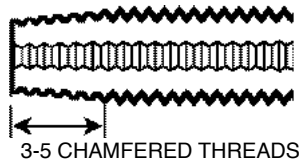
TAPER STYLE TAPS

Have 8-10 threads chamfered for easy starting of the thread and are used for tough threading work.



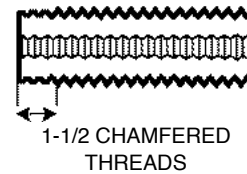
PLUG STYLE TAPS

Have 3-5 threads chamfered and are used for all general purpose threading. Plug style taps are contained in all Tap and Die Sets and Display Cabinets.



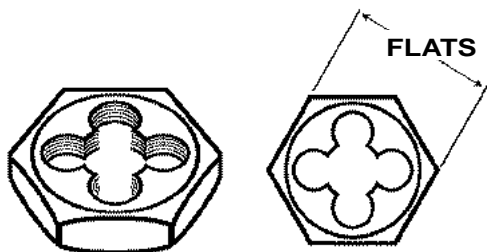
BOTTOM STYLE TAPS

Have a sort chamfer of 1-1/2 threads and are used where the thread must go to the bottom of a hole.



THREAD SIZE	# OF FLUTES	TAPER	PLUG	BOTTOM	3 PC. SET	THREAD SIZE	# OF FLUTES	TAPER	PLUG	BOTTOM	3 PC. SET
0-80NF	2	#34000	#34001	#34002	#34003	12-28NF	4	#34082	#34083	#34084	#34085
1-64NC	2	#34004	#34005	#34006	#34007	1/4-20NC	4	#34120	#34121	#34122	#34123
1-72NF	2	#34008	#34009	#34010	#34011	1/4-28NF	4	#34124	#34125	#34126	#34127
2-56 NC	3	#34012	#34013	#34014	#34015	5/16-18NC	4	#34128	#34129	#34130	#34131
2-64NF	3	#34016	#34017	#34018	#34019	5/16-24NF	4	#34132	#34133	#34134	#34135
3-48NC	3	#34020	#34021	#34022	#34023	3/8-16NC	4	#34136	#34137	#34138	#34139
3-56NF	3	#34024	#34025	#34026	#34027	3/8-24NF	4	#34140	#34141	#34142	#34143
4-40NC	3	#34028	#34029	#34030	#34031	7/16-14NC	4	#34144	#34145	#34146	#34147
4-48NF	3	#34032	#34033	#34034	#34035	7/16-20NF	4	#35263	#35264	#35265	#34151
5-40NC	3	#34036	#34037	#34038	#34039	1/2-13NC	4	#34152	#34153	#34154	#34155
5-44NF	3	#34040	#34041	#34042	#34043	1/2-20NF	4	#34156	#34157	#34158	#34159
6-32NC	3	#34044	#34045	#34046	#34047	9/16-12NC	4	#34160	#34161	#34162	#34163
6-40NF	3	#34048	#34049	#34060	#34061	9/16-18NF	4	#34164	#34165	#34166	#34167
8-32NC	4	#34062	#34063	#34064	#34065	5/8-11NC	4	#34168	#34169	#34170	#34171
8-36NF	4	#34066	#34067	#34068	#34069	5/8-18NF	4	#34172	#34173	#34174	#34175
10-24NC	4	#34070	#34071	#34072	#34073	3/4-10NC	4	#34176	#34177	#34178	#34179
10-32NF	4	#34074	#34075	#34076	#34077	3/4-16NF	4	#34180	#34181	#34182	#34183
12-24NC	4	#34078	#34079	#34080	#34081						





HEXAGON DIES

Hexagon Dies are non-adjustable but have the advantage of allowing user to work in places a die stock cannot be used. Threading can also be accomplished with open-end, socket, or adjustable wrench.

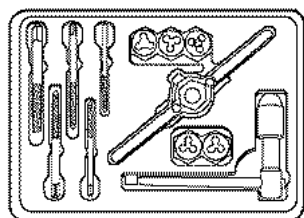
THREAD SIZES

PART #	SIZE	ACROSS FLATS	PART #	SIZE	ACROSS FLATS
#37100	4-40	1"	#37111	3/8-24	1"
#37101	6-32	1"	#37112	7/16-14	1"
#37102	8-32	1"	#37113	7/16-20	1"
#37103	10-24	1"	#37114	1/2-13	1"
#37104	10-32	1"	#37115	1/2-20	1"
#37105	12-24	1"	#37116	9/16-12	1-7/16"
#37106	1/4-20	1"	#37117	9/16-18	1-7/16"
#37107	1/4-28	1"	#37118	5/8-11	1-7/16"
#37108	5/16-18	1"	#37119	5/8-18	1-7/16"
#37109	5/16-24	1"	#37120	3/4-10	1-7/16"
#37110	3/8-16	1"	#37121	3/4-16	1-7/16"

PIPE SIZES

PART#	NPT THREAD SIZE	WIDTH ACROSS FLATS	THICK. OF DIE
#27798	1/8-27 NPT	1"	3/8"
#27799	1/4-18 NPT	1"	5/8"
#27800	3/8-18 NPT	1"	5/8"
#27801	1/2-14 NPT	1"	3/4"
#27802	3/4-14 NPT	1"	13/16"

12 PIECE TAP & DIE SET

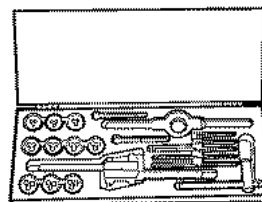


#34148

INCLUDES:

6-32 TAP & DIE
8-32 TAP & DIE
10-24 TAP & DIE
10-32 TAP & DIE
1/4-20 TAP & DIE
PLAIN DIE STOCK - 5/8" HEX
T-HANDLE TAP WRENCH

23 PIECE TAP & DIE SET



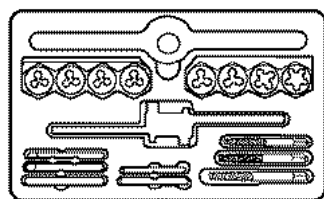
#34150

INCLUDES:

PLAIN DIE STOCK - 5/8" HEX
OFFSET HANDLE TAP WRENCH
T-HANDLE TAP WRENCH

0-80 TAP & DIE
1-64 TAP & DIE
2-56 TAP & DIE
3-48 TAP & DIE
4-40 TAP & DIE
5-40 TAP & DIE
6-32 TAP & DIE
8-32 TAP & DIE
10-24 TAP & DIE
10-32 TAP & DIE
1/4-20 TAP & DIE

18 PIECE TAP & DIE SET

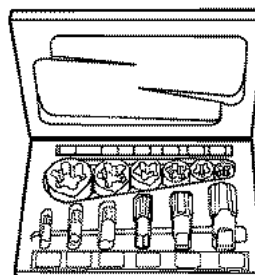


#34149

INCLUDES:

6-32 TAP & DIE
8-32 TAP & DIE
10-24 TAP & DIE
10-32 TAP & DIE
1/4-20 TAP & DIE
5/16-18 TAP & DIE
3/8-16 TAP & DIE
1/2-13 TAP & DIE
PLAIN DIE STOCK - 1" HEX
OFFSET HANDLE TAP WRENCH

12 PIECE PIPE TAP & HEX RETHREADING DIE SET



#34151

INCLUDES:

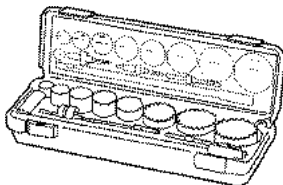
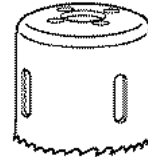
1/8-27 TAP & DIE
1/4-18 TAP & DIE
3/8-18 TAP & DIE
1/2-14 TAP & DIE
3/4-14 TAP & DIE
1-11-1/2 TAP & DIE



HOLE SAW KITS



BI-METAL CONSTRUCTION



MAINTENANCE KIT #34811

Designed for plumbers, electricians, industrial and general purpose maintenance, this kit contains 9 plumbing and electrical sizes for pipe and conduit through 2". Contains 1 each of: 3/4" 7/8" 1-1/8" 1-3/8" 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2". Kit also includes arbors and 12" extension



ELECTRICIAN'S KIT #35109

Designed for electricians, this kit contains pipe entrance sizes for pipe and conduit through 2". Contains (1 each): 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2". Kit also includes arbors.



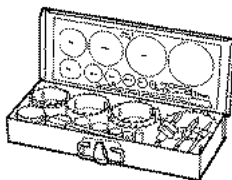
PLUMBER'S KIT #35111

Designed for plumbers, this kit contains pipe tap sizes for pipe through 2". Contains 1 each: 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4". Kit also includes arbors.



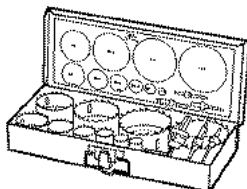
MECHANIC'S KIT #35112

This kit offers the 5 most popular hole saw sizes and arbors. Applications in construction, industry, and automotive. Contains (1 each): 7/8", 1", 1-1/8", 1-1/4", 1-1/2".



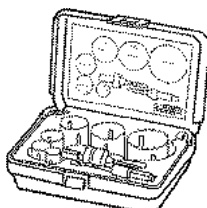
INDUSTRIAL KIT #34787

Designed for a broad range of industrial applications, this kit contains 15 plumbing and electrical sizes for pipe and conduit through 4". Contains 1 each of: 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3", 3-5/8", 3-3/4", 4-1/4", 4-1/2". Kit also includes arbors and 12" extension.



MASTER ELECTRICIAN'S KIT #35113

Pipe entrance sizes for pipe and conduit through 4". Contains 1 each: 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 3", 3-5/8", 4-1/8", 4-1/2". Kit also includes arbors.



LOCKSMITH'S KIT #35345

Designed for the professional locksmith. This kit contains hole saw sizes for installation of popular locks, deadbolts, doorknobs, etc. Contains (1 each): 7/8", 1", 1-1/4", 1-1/2", 1-3/4", 2-1/8". Kit also includes arbors.

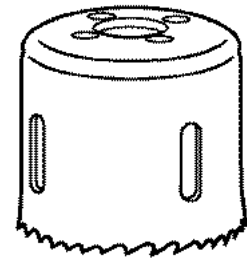


HOLE SAWS



BI-METAL CONSTRUCTION

Cuts holes in wood, plastic, or any machinable metal including: nail embedded wood, plywood, pipe, stainless steel, etc.

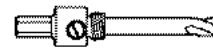


FEATURES	ADVANTAGES	BENEFITS
<ul style="list-style-type: none"> • Bi-metal construction • 4/6 variable pitch • 1-1/2" cutting depth • Separate arbor required 	<ul style="list-style-type: none"> • Shock resistant teeth • Higher wear resistance • Reduces vibration • Better chip clearance 	<ul style="list-style-type: none"> • Teeth stay sharp • Long life • Smoother cuts • Fast cutting • Cuts through 2" x 4"s

DIAMETER	PART#	DIAMETER	PART#	DIAMETER	PART#
GROUP "A"		1-7/16"	#35139	2-7/8"	#35158
9/16"	#35117	1-1/2"	#35130	3"	#35050
5/8"	#35118	1-9/16"	#35141	3-1/8"	#34950
11/16"	#35119	1-5/8"	#35142	3-1/4"	#35159
3/4"	#35120	1-11/16"	#35146	3-3/8"	#35160
13/16"	#35121	1-3/4"	#35040	3-1/2"	#35161
7/8"	#35122	1-13/16"	#35148	3-5/8"	#35162
15/16"	#35123	1-7/8"	#35150	3-3/4"	#35163
1"	#35124	2"	#35048	3-7/8"	#35164
1-1/16"	#35125	2-1/16"	#35151	4"	#35165
1-1/8"	#35126	2-1/8"	#34946	4-1/8"	#34957
1-3/16"	#35127	2-1/4"	#35152	4-1/4"	#35166
1-1/4"	#35136	2-5/16"	#35153	4-3/8"	#35167
1-3/8"	#35137	2-3/8"	#35154	4-1/2"	#35168
1-1/2"	#35140	GROUP "C"		4-3/4"	#35169
GROUP "B"		2-1/2"	#35049	5"	#35170
1-1/4"	#35128	2-9/16"	#35155	5-1/2"	#35171
1-5/16"	#35137	2-5/8"	#35156	5-3/4"	#35172
1-3/8"	#35129	2-3/4"	#35157	6"	#35173

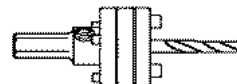
ARBORS

#35114



- 3/8" HEX SHANK
- 1/2-20 THREADS
- 3/8" CHUCK
- FITS GROUP "A" SAWS

#34830



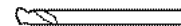
- 7/16" HEX SHANK
- 5/8-18 THREADS
- 1/2" CHUCK
- FITS GROUP B, AND C SAWS

PILOT DRILLS



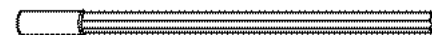
#34810

4-5/16 x 1/4" pilot drill, shank ground 3 sides, split point



#35115

2-7/8" pilot drill



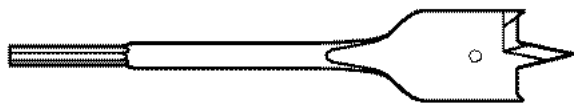
#35116

12" extension for shank of 7/16" arbors



WOOD BORING BITS

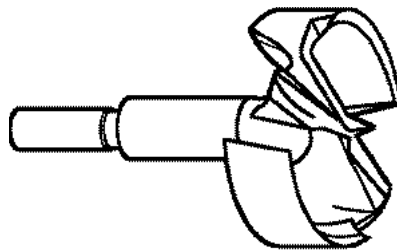
6" SPEEDBOR BITS



- Patented MICRO-GROOVE edges cut wood instead of scraping it away, resulting in reduced heat buildup and cutting edges that stay sharper longer.
- Positive spurs cut the circumference of the hole first, for a smoother hole finish.
- Hex shank prevents spinning in drill chuck or in bit extension. Fits into 1/4" drills.
- Hang hole for convenient tool storage in workshop.
- Full length heat treatment guards against bending bit heavy duty applications.

#35572	1/4"	#35581	13/16"
#35573	5/16"	#34860	7/8"
#35574	3/8"	#35582	15/16"
#35575	7/16"	#35583	1"
#35576	1/2"	#35584	1-1/8"
#35577	9/16"	#35585	1-1/4"
#35578	5/8"	#35586	1-3/8"
#35579	11/16"	#35587	1-1/2"
#35580	3/4"	#34934	6 PC. BIT ASST.

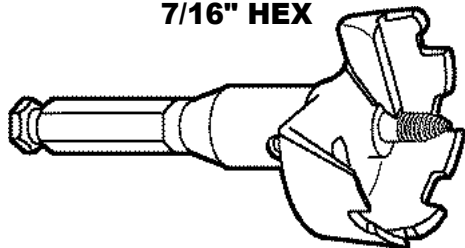
FORSTNER BITS 3-1/2" OVERALL LENGTH



- Relief angle to reduce drag and enhance cutting speed.
- Brad point starts the bit cleanly, even on uneven surfaces.
- Reduced shank fits 3/8" and larger drills and drill presses.

#35601	1/4"	#35609	1-1/4"
#35602	3/8"	#35610	1-3/8"
#35603	1/2"	#35611	1-1/2"
#35604	5/8"	#35612	1-5/8"
#35605	3/4"	#35613	1-3/4"
#35606	7/8"	#35614	1-7/8"
#35607	1"	#35615	2"
#35608	1-1/8"	#35616	2-1/8"

SELF-FEED WOOD BORING BITS 7/16" HEX



- Feed screw with coarse thread for fast boring.
- Spurs on outside diameter cut holes cleanly and accurately
- Quick change impact shank on all sizes.
- Drill large diameter holes in wood for pipe, conduit and other applications.
- Effortless cutting, even in gummy wood.

#35588	1"	#35595	2-1/8"
#35589	1-1/8"	#35596	2-1/4"
#35590	1-1/4"	#35597	2-9/16"
#35591	1-3/8"	#35598	3"
#35592	1-1/2"	#35599	3-5/8"
#35593	1-3/4"	#35600	4-5/8"
#35594	2"		

SCRATCH AWL #35044



- Finest professional quality
- Hardened, taper forged steel
- Mirror polished with blade set completely through handle, peened over and polished flat with handle



**THAT HARD TO FIND PART
IS RIGHT HERE !**



RECIPROCATING SAW BLADES

FEATURES
















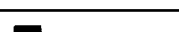




- Heavy duty
- Bi-metal
- Tooth hardness rc 65-67
- 8% Cobalt
- Vacuum heat treatment with special temper process
- 3/4" width with .035" and .050 thickness

ADVANTAGES

- Shock resistant teeth
- High edge hardness
- More wear resistance
- High heat resistance
- Greater rigidity

BENEFITS




- Resists tooth strippage
- Long life
- Bi-Metal
- Expects more feed pressure for faster cutting with less distortion

BLADE SHAPE	RECOMMENDED USE	L x W	TPI	PART#
	Wood, nail embedded wood, all composition material.	6 x 3/4	6	#35070
	General rough-in, all woods, nail embedded woods.	6 x 3/4	6	#34977
		9 x 3/4	6	#35072
		12 x 3/4	6	#35073
		6 x 3/4	6	#34841
		9 x 3/4	6	#34998
		12 x 3/4	6	#35074
	Heavy gauge metal, rubber & fiber, nail embedded wood.	4 x 3/4	10/14	#35075
	General purpose, metal cutting, nail embedded woods.	12 x 3/4	10/14	#35003
	Wood, nail embedded wood, compositions, plastic, cast aluminum, light gauge metals.	6 x 3/4	10	#35076
		12 x 3/4	10	#35077
	All woods, composition materials, plastic, nail embedded, cast aluminum, light gauge metals.	8 x 3/4	10	#35078
		10 x 3/4	10	#35079
	Wood, nail embedded wood, compositions, plastic, metals 1/8" and above.	6 x 3/4	10/14	#35080
	Wood/metal.	6 x 3/4	10/14	#35081
	General purpose, metal cutting, nail embedded woods.	8 x 3/4	10/14	#35082
	Heavy gauge metals 1/8" thick and above Barstock and angles.	4 x 3/4	14	#35053
		6 x 3/4	14	#35083
		12 x 3/4	14	#34864
	Heavy gauge metals 1/8" thick and above Barstock and angles.	8 x 3/4	14	#35084
		4 x 3/4	18	#35000
		6 x 3/4	18	#35085
	Heavy gauge metals of 18 gauge to 1/8" thick conduit, pipe, channels, and tubing.	12 x 3/4	18	#35086
		8 x 3/4	18	#34687
	Heavy gauge metals, conduit & tubing 18 gauge to 1/8" thick.	4 x 3/4	24	#35087
		6 x 3/4	24	#34686
	Metal cutting 18 gauge and under. Trim and tubing. Galvanized pipe under 18 gauge.	6 x 3/4	6	#35088
		6 x 3/4	6	#35088
	Plaster with metal lath, plasterboard, sheet rock, plaster walls. Tooth design cuts both forward and on back stroke.	6 x 3/4	6	#35088
	General rough-in scroll cuts, all woods, nail embedded woods.	6 x 7/16	6	#35089
	Scroll cuts in wood and cast aluminum, nonferrous metals.	3 x 5/16	18	#35013
	For soil pipe.	8 x 3/4	10/14	#35090
	General rough in, all woods, nail embedded woods.	12 x 3/4	10/14	#35091



SAW BLADES

UNIVERSAL SHANK SABRE / JIG SAW BLADES

BLADE SHAPE	RECOMMENDED USE	L x W	TPI	PART#
	Wood, fiber board, asbestos, coarse cut.	4 x 3/8	6	#35093
	Wood, plywood, hard board	4 x 3/8	10	#35094
	Nonferrous metals, fiberglass, Hard rubber, Nail embedded wood.	4 x 3/8	14	#35095
	Metal 18 gauge and under.	3 x 3/8	18	#34119
	Metal and nonferrous metal up to 1/8".	3 x 3/8	24	#35092
	Scroll - metal 18 gauge and under.	2-3/4 x 3/16	18	#34685

CARBIDE GRIT RECIPROCATING & SABRE/JIG SAW BLADES

- Super resistant to heat, wear and abrasion.
- Cuts materials other blades can't cut.
- Won't tear thin materials
- Long life in difficult materials
- Cuts fiberglass, lath, plaster, ceramic tile, soil pipe, composites, particle board, laminates, hardwood flooring, marble, hardened steel, etc...

CARBIDE GRIT RECIPROCATING (1/2" SHANK) SAW BLADES



4" #35096 6" #35097 8" #35098

CARBIDE GRIT UNIVERSAL SHANK SABRE / JIG SAW BLADES



FINE GRIT	MEDIUM GRIT	COARSE GRIT
2-3/4" #35099	2-3/4" #35100	2-3/4" #35101
3-5/8" #35102	3-5/8" #35103	3-5/8" #35104

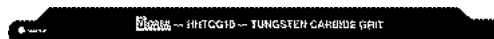
CARBIDE GRIT ROD SAW



10" #35105 12" #35106

- Tungsten Carbide Grains.
- Thin cutting profile.
- Cuts shapes and patterns.
- Fits in areas of limited access.
- Cuts materials other blades can't cut.
- Allows custom cuts in unusual applications.

CARBIDE GRIT HACK SAW BLADES



10" #35107 12" #35108

FEATURES

- Tungsten carbide grains bonded to alloy body.
- Cuts in any direction.

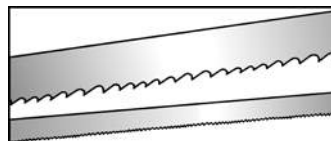
ADVANTAGES

- Super resistant to heat, wear, and abrasion.
- Cut on push and pull stroke.
- Resists snagging.

BENEFITS

- Cuts materials other blades can't cut.
- Faster cutting and long life.
- Won't tear thin materials.

BI-METAL BAND SAW BLADES



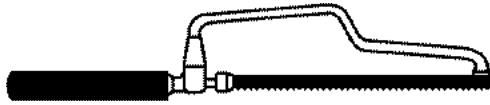
- General purpose bi-metal for efficient production cutting of materials with mild to moderate machinability.
- Solids, shapes, tubing, and structural materials.
- Best choice for bundled or stacked pieces.
- Cuts alloy steels (annealed or heat treated), tool steels, stainless steels, air hardening die steels.

CALL WITH YOUR SPECIFICATIONS AND REQUIREMENTS



SAWS & BLADES

HANDY HACK SAW #03053

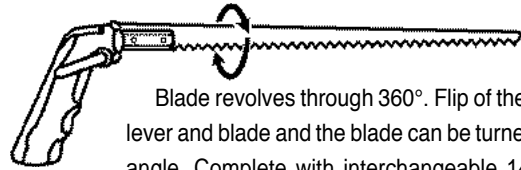


9-3/4" overall length. Long nose permits close use. A truly handy metal cutting saw. With 6 x 1/4"-32 tooth hack saw blade.

#03054 HANDY SAW BLADE



COMPASS SAW #03059

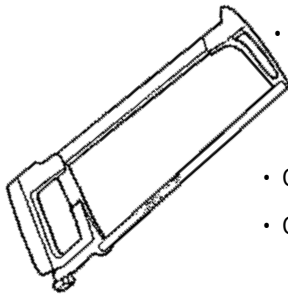


Blade revolves through 360°. Flip of the locking lever and blade and the blade can be turned to any angle. Complete with interchangeable 14" wood cutting tempered steel blade.

#03058 COMPASS SAW BLADE

14" wood cutting blade. Tempered steel.

SUPER HACKSAW #35570



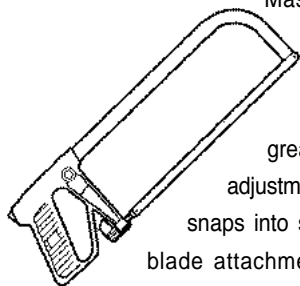
- Comfortable front end grip.
- Tension wheel for tighter blade.
- Stores extra blades.
- Cuts sideways.
- Cuts flush to surface.

CLOSE QUARTER HACKSAW #03051



Special saw for the special cutting requirements of narrow spots. Lightweight, extra strong die cast handle with 10" tempered steel blade. Blade extends up to 4" for cutting flush or through. A "must" tool for plumbers, electricians, and handymen. Uses standard type hacksaw blade.

HACK SAW #03055

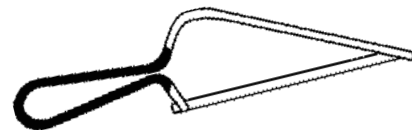


Master quality adjustable hack saw frame built for rugged professional use. Check out these features!

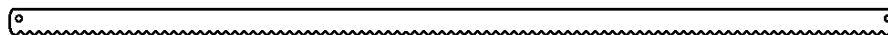
1. Elliptical tubular frame for greater strength.
2. Push button frame adjustment - 10" to 12". Frame automatically snaps into selected size for simple and easy blade attachment.
3. Hi-test die cast handle. Comfortable, firm grip. Finger protecting front guard.

MIDGET HACKSAW #35571

- Cuts wood, plaster, steel, brass, etc.
- Vinyl grip handle
- 1/4" x 6" x 32T



BI-METAL HIGH SPEED HACKSAW BLADES - 1/2" WIDTH



LENGTH	TEETH	PART#
10"	18	#03068
10"	24	#03069
10"	32	#03070

LENGTH	TEETH	PART#
12"	18	#03071
12"	24	#03072
12"	32	#03073



SAFETY GLASSES

#37782

Xenon Ultra Lightweight Safety Glasses Ice Blue Lens



Our most lightweight design. Weight is only 0.8 oz. Fits smaller faces and female faces very well. Since this design also is quite stylish and comfortable, we know that we have a winner on our hands. In addition to its good looks, Xenon offers a soft rubber nose bridge and colorful rubber inserts on the temples.

#37786

Sphere-X SG-32 Extreme Wrap Indoor/Outdoor Safety Glasses



A dual lens constructed product with a 9.5 base curve providing extreme coverage and outstanding optics, includes adjustable temples, soft non-slip nose bridge and polycarbonate lenses.

#37783

Bifocal Safety Reading Glasses Transparent Grey Frame



The RX-200 combines the requirement for bifocal lenses with the desire for stylish, lightweight and comfortable glasses. Uses two base six lenses, in a contemporary wrap frame. Polycarbonate and has a soft rubber nose bridge and rubber tipped temples. With 1.5 diopters.

#37787

Alien Style Safety Glasses with Indoor/Outdoor Clear Lenses



Provides 99.9% against UV-A, UV-B and UV-C. Dual lens construction allows excellent peripheral vision. Anti-slip rubber temple tips, and universal non-slip rubber nose bridge for the most comfortable fit.

#37784

Unisex Style Safety Glasses with Clear Anti-Fog Lenses



A ballistic rated, mono-lens glass with soft nose bridge, rubber temple tips and clear anti-fog lenses. Has a small size option for narrow face configurations. All lenses provide 99% UV protection.

#37788

Go-Specs Foam Lined Hybrid Safety Glasses/Goggles with Temples and Clear Lenses



A specialty glass/goggle that provides unparalleled protection from wind-blown dust/dirt and particulates, adjustable temples, EVA foam liner, anti-fog coating.

#37785

Truly Terrestrial Safety Glasses with Clear Anti-Fog Lenses



The TTS offers sleek styling, likely to impress today's fashion oriented workers, and the close fit and excellent protective features will please employers. All lens versions filter our 99% of UV light. Meets the high velocity requirements of ANSI Z87.1-2010 (+) and CE-EN-166.

#37789

Go-Specs Foam Lined Hybrid Safety Glasses/Goggles with Temples, Strap and Clear Lenses



As above, with strap. A modified version of our original Go-Spec with interchangeable temples/FR straps, a ballistic rating, EVA closed cell FR foam liner and anti-fog coating. Provides an extra measure of protection in dusty and dirty environments.



GLOVES



EXAM LATEX GLOVES

#34751 Large - Box of 100

#37305 X-Large - Box of 100

Ambidextrous, lightly powdered latex gloves offer resistance to more chemicals and solvents than other gloves.



RIDGID SNAKE MITTS

#34588 Right Hand

#34587 Left Hand



ORANGE INSULATED PVC GLOVES

#36538E

- 3-layer insulation keeps hands warm and dry
- Resistant to oils, acids, chemicals, and caustics.



EXAM POWDER-FREE LATEX GLOVES

#61954M Medium - Box of 100

#61954L Large - Box of 100

#61954 X-Large - Box of 100

Ambidextrous, powder-free latex gloves offer resistance to more chemicals and solvents than other gloves.



COATED COTTON/POLY GLOVES

#37360E Large

- Rubber coated palm
- Good work glove



BROWN JERSEY GLOVES

#34924 Large

- Common work glove



TOUGHSKIN FOAM GLOVES

Outstanding Grip In Wet Or Dry!

#61962SME Small

#61962ME Medium

#61962E Large

#61962XLE XL

Lightweight Nylon Shell with foam nitrile coating provides resistance to snags, abrasions and punctures!
Great for Spring, Summer, and Fall!



DOUBLE LEATHER PALM GLOVES

#61939E Large

#61939XLE XL

- Good work glove With safety cuff



UGLY GLOVES

#37749

- Preferred by plumbers
- PVC/NBR blend coating with PVC chips for non-slip grip
- Chemical resistant
- Mid forearm length



THERMAL RUBBER GRIP GLOVES

Great for Winter Use or in Cold Areas

#61934E Large

#61934XLE Extra Large

- Rubber palm
- Comfort Fit



BLACK NITRILE GLOVES

#32854 Medium (25pr)

#32854L Large (25pr)

#32854XL Extra Large (25pr)

- Powder free
- Textured tips



CHEMICAL RESISTANT GLOVES

#61932E Large

- Green Nitrile
- Unlined
- 13" Length - Diamond grip



HEAVY DUTY NITRILE TOUGH GLOVES

#37775M Medium

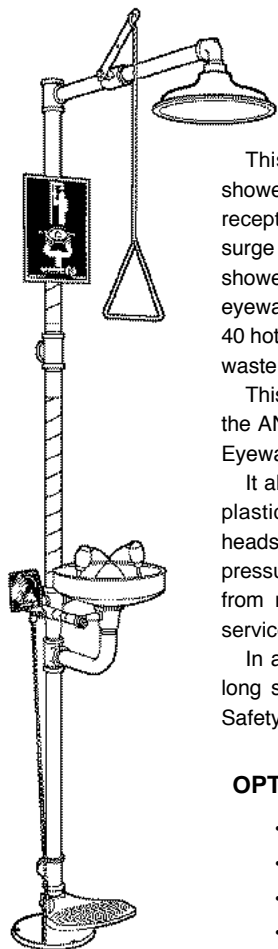
#37775L Large

#37775XL Extra Large

- Long cuff, dark grey coating
- Won't slip when wet
- Durable & comfortable
- Resists solvent cement
- Grips soil pipe



SAFETY



#58200 COMBINATION SHOWER AND EYEWASH

This unit features a 10" ABS plastic shower head and a stainless steel eyewash receptor with twin Soft-Flo ABS plastic anti-surge eyewash heads. A pull rod activates shower. Push flag or foot treadle activates eyewash. Pipe and fittings: 1-1/4" Schedule 40 hot-dipped galvanized steel. Supply and waste: 1-1/4" IPS.

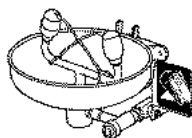
This unit is certified by CSA to meet the ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment.

It also comes with a green polyethylene plastic dust cover. Dust covers protect heads and automatically release with water pressure. The in-line strainer prevents debris from reaching the eye/face wash. Easily serviceable.

In addition, this unit also features a 21" long self-adhesive High-Visibility Stripe in Safety Green and bright yellow.

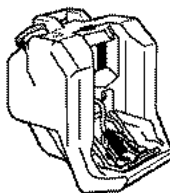
OPTIONS & ACCESSORIES:

- Tempered Water Blending Systems
- Tempered Water Blending Valves
- Alarm
- Privacy Curtain



#58104 EMERGENCY EYEWASH WALL MOUNTED

This eyewash features a round 11" green ABS plastic receptor, aluminum wall bracket, and twin Soft-Flo ABS plastic anti-surge eyewash heads. Supply is 1/2" IPS. Waste is 1-1/4" IPS. It also comes with a green polyethylene plastic dust cover. Dust covers protect heads and automatically release with water pressure. The in-line strainer prevents debris from reaching the eye/face wash. Easily serviceable.



#58165 PORTABLE EMERGENCY EYEWASH

This gravity operated eyewash features a 16 gallon capacity, FDA high-density green polyethylene tank that provides for over 15 minutes of full pattern flushing at .4 gpm.

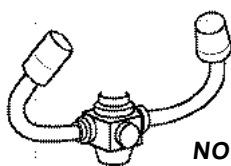
Pulling the yellow activation arm down to the open position activates unit. Tank has handles on top and side to allow for easy handling. A wide-fill opening with threaded cap permits easy inspection, cleaning, and filling. Model supplied with wall bracket and bacteriostatic additive to permit storage of water for up to six months. The unit measures 22-1/2" high, 21-1/2" wide, 19-1/2" deep. Certified by CSA to meet the ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment.



#80333 BACTERIOSTATIC PRESERVATIVE

Four 2oz. Bottles

#50015 FAUCET MOUNTED EYE WASHER



Convert any gooseneck faucet into an emergency eye wash station with a pull of a knob.

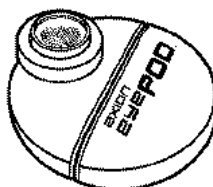
NOTE: If installing on a Chicago Faucet, order with adapter # 05022.

I.P.S. SUPPLIES PARTS AND UNITS FOR ALL SAFETY & EMERGENCY EQUIPMENT!

- | | |
|--------------|------------------------------|
| • BRADLEY | • FACE & HEAD PROTECTION |
| • ENCON | • RESPIRATORY MASKS & UNITS |
| • GUARDIAN | • GLOVES & CLOTHING |
| • HAWS | • FIRST AID KITS |
| • KLEEN-EYES | • SAFETY LOCK-OUTS & CENTERS |
| • LAB SAFETY | • SIGNS & TAPES |
| • SPEAKMAN | • FIRE EXTINGUISHER SUPPLIES |
| • WESTERN | |

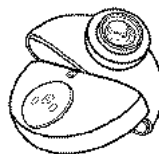
EYEPD

Axion Eyewash - Faucet Mounted



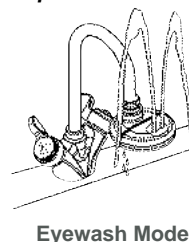
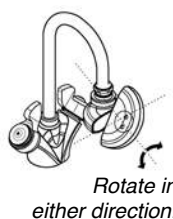
#83694

Supplied with three common faucet adapters to allow unit to work with almost any faucet.



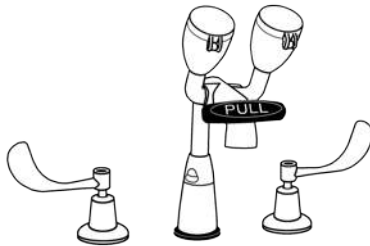
Easy To Use!

Turn on faucet and select mode of operation.



SPEAKMAN®

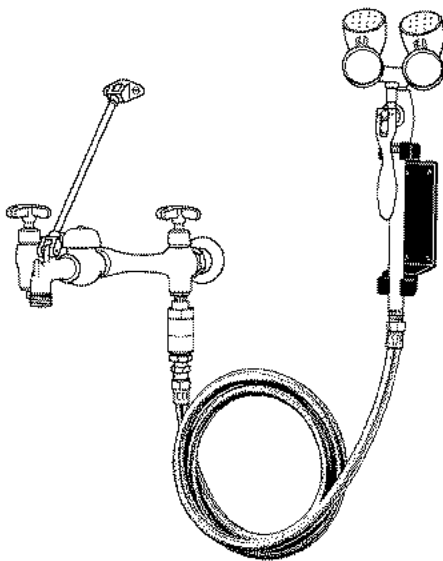
#40400041 EYESAVER FAUCET W/GOOSENECK



Combination eyewash and deck mounted gooseneck faucet with 8" centers. Separate water channels for eyewash and faucet. Twin aerated sprays with flip top dust covers, and 1/4 turn ceramic perfect valves. A simple pull delivers safe temperature water to the eyes every time. Also available in 4" centers.

SPEAKMAN®

#81399 COMBO EYEWASH, FAUCET & DRENCH HOSE



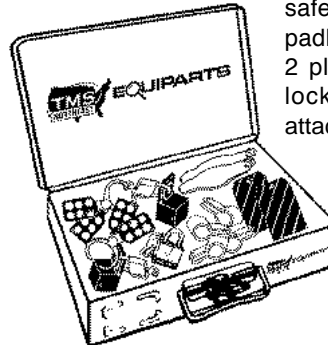
Combination eyewash/drench hose and back mounted service sink faucet. The eyewash is attached directly to the faucet's cold water integral stop cavity allowing independent operation. No risk of scalding.

#SP4819 EYEWASH WALL STATION



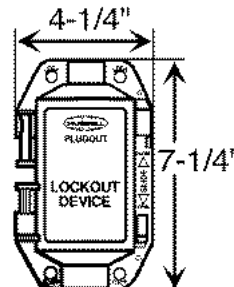
- Sturdy wall mount station
- Provides immediate relief
- Easy to use
- Two 32 oz. bottles
- Uses snap off caps - no seals on bottles

#32872 LOCKOUT CENTER

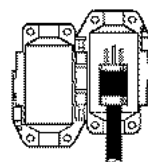


Contains everything you need to comply with OSHA regulations for lockout safety. Included in this kit are the display board, six #420 safety lockouts, 18 #3 master padlocks (3 each of six colors), 2 plug locks, 18 #71 id tags, 2 lockout tags, and 18 #71SC9 attachment collars.

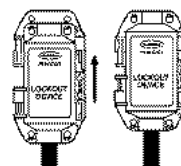
#32873 PLUGOUT ELECTRICAL PLUG LOCKOUT DEVICE



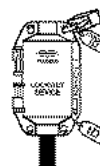
EASY TO USE !



Open Device



Close And Slide



Lock And Tag

Plugout provides for the locking out of the plug for cord connected equipment when performing maintenance and servicing activities. The device protects against the unexpected energization or start up of that equipment, which can cause injury or damage to personnel and equipment. Complies with osha lockout/tagout regulations.

FEATURES:

- High impact U.V. Stabilized polymer for strength and durability
- Highly visible yellow color
- One device holds many different types of plugs.
- Accepts up to 3/8" lock
- Optional holes for i.D. Tags
- Multiple padlock capability



SAFETY EQUIPMENT REPAIR

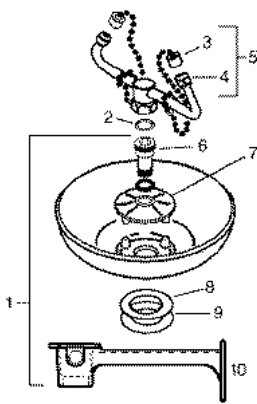
#40402044 BRADLEY & HAWS INSPECTION TAGS



#40400006 BRADLEY EYE WASH TEST GAUGE



BRADLEY EYE WASH

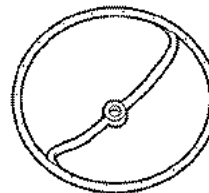


1	#40409009	S/S Receptor Assembly
	#40409028	Plastic Receptor Assembly
2	#40401008	Gasket
3	#40401073	Dust Cover
4	#40401151	Eye Wash Head
5	#40400506	Standard Eye Wash Head Assy.
6	#40401205	Supply Stem
7	#40401730	Cup Strainer
8	#40401240	Gasket
9	#40401242	Gasket
10	#40401007	Wall Bracket



#40400052 HAWS MODEL 8129FC SHOWER HEAD

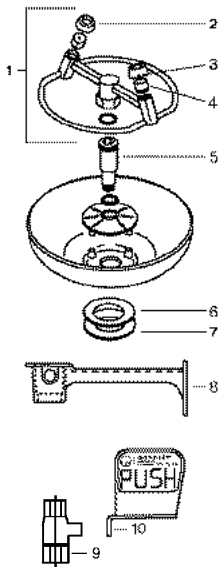
ABS Plastic. Also available in Stainless Steel.



#40400025 HAWS FACE SPRAY RING

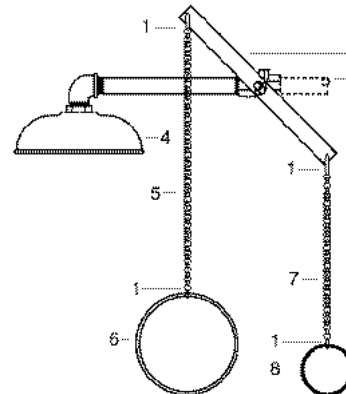
Chrome-Plated Brass. Used on most Eye/Face Wash Units.

BRADLEY EYE/FACE WASH W/ SPRAY RING



1	# 40400505	Face Spray Ring Assembly
2	# 40401531	Eye Guard
3	# 40400009	Set Screw
4	# 40401697	Aerator
5	# 40401730	Cup Strainer
6	# 40401240	Gasket
7	# 40401242	Gasket
8	# 40401007	Wall Bracket
9	# 40402728	Standard 1/2\"/>

BRADLEY DOUBLE CHAIN OPERATED SHOWER

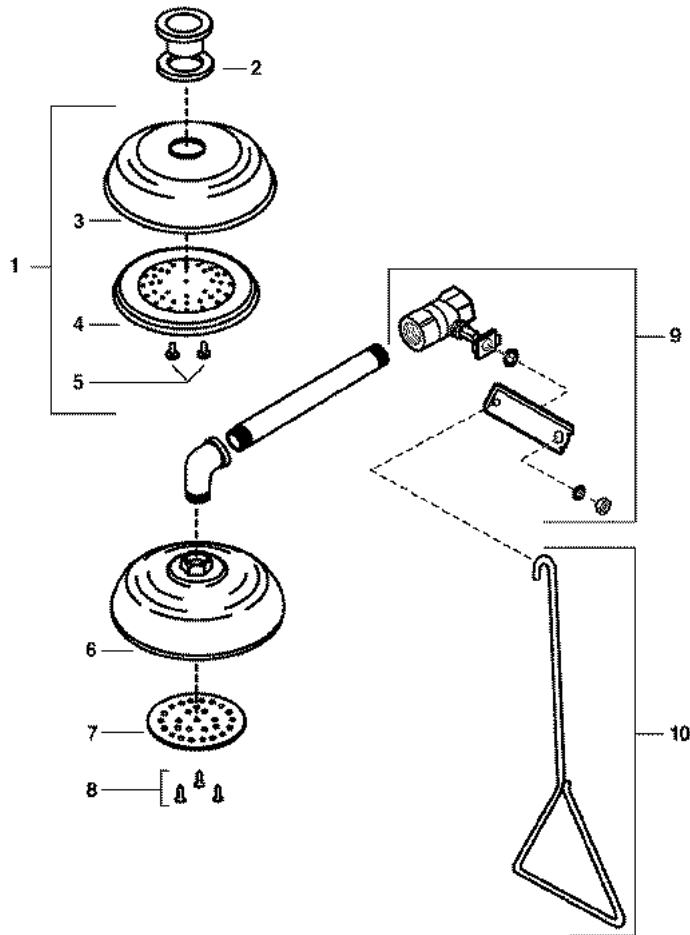


1	#40402690	"S" Hook
2	#40401261	Handle for Vertical
	#40401287	Handle for Horizontal
3	#40403005	1" Ball Valve
4	#40402407	Plastic Shower Head
	#40402408	S/S Shower Head
5	#40401340	Chain
6	#40401040	Pull Ring
7	#40401344	Chain
8	#40401046	Pull Ring



SAFETY EQUIPMENT REPAIR

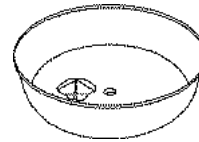
BRADLEY DRENCH SHOWER



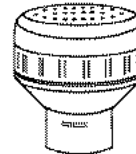
1	#40402408	Complete S/S Shower Head Assy
2	#40401250	Washer
3	#40401870	S/S Shower Head Shell
4	#40401558	S/S Diffuser
5	#40401601	Screws
6	#40401540	Plastic Shower Head Shell
7	#40401550	Plastic Diffuser
8	#40401602	Screws
9	#40400901	Stay-Open Ball Valve Assy.
10	#40401281	CP Rod for Stay-Open Valve

CALL FOR PRICING!

ENCON SAFETY EQUIPMENT REPLACEMENT PARTS



#40401110
Yellow Bowl



#40401054
Replacement Eye Wash Head



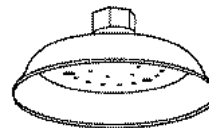
#40401050
Replacement Face Wash Head



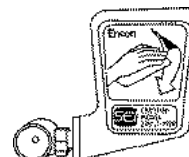
#40401052
Replacement Face Wash Covers



#40401053
Replacement Eye Wash Covers



#40400105
Shower Head Assembly

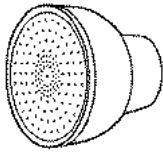


#40401051
Valve & Push Plate

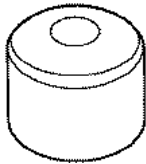


SAFETY EQUIPMENT REPAIR

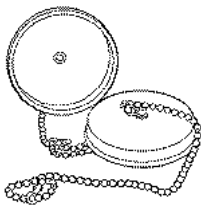
BRADLEY SAFETY EQUIPMENT REPLACEMENT PARTS



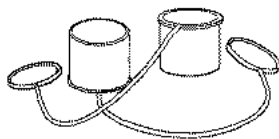
#40400515
Eye Wash Head



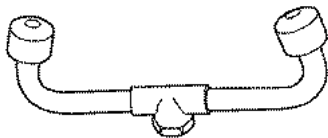
#40401151
Eye Wash Head



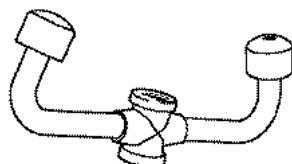
#40405306
Dust Cover Caps
Sold Individually



#40401073
Dust Cover Caps
Sold Individually

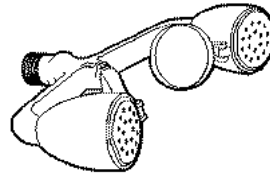


#40400509
Eyewash Yoke
Assembly

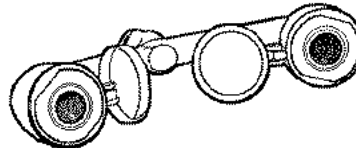


#40400510
Eyewash Yoke
& Spray Assembly

SPEAKMAN SAFETY EQUIPMENT REPLACEMENT PARTS



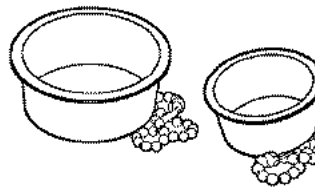
#40400036
Bullhorn Assembly



#40400035
Aerated Bullhorn
Assembly



#40400055
Replacement Aerator
Use with Old Case With Slot

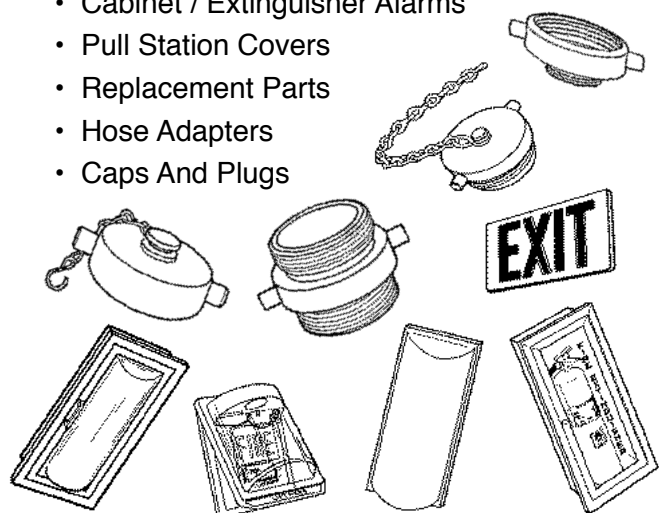


#40400566
Eye Wash Caps
1-1/4" Cap with Chain
(Each)

#40403150
Eye Wash Caps
1-3/4" Cap with Chain
(Each)

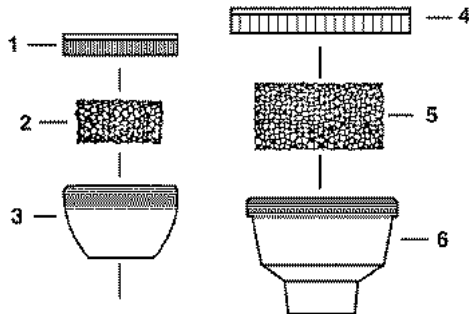
I.P.S. SUPPLIES SPECIALTY ITEMS FOR PORTABLE FIRE EXTINGUISHERS, SPRINKLERS, AND HYDRANTS

- Specialty Extinguisher Cabinets
- Cabinet Covers
- Cabinet / Extinguisher Alarms
- Pull Station Covers
- Replacement Parts
- Hose Adapters
- Caps And Plugs



SAFETY EQUIPMENT REPAIR

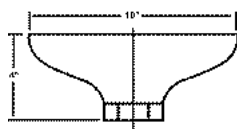
GUARDIAN GENTLE SPRAY & FINE SPRAY OUTLET (DISC.)



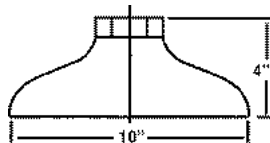
1	1-1/2" Delrin Spray Cover (NLA)
2	NLA* GS Polyurethane Filter
1-3	Gentle Spray Outlet Head
4	2-1/2" FS Delrin Spray Cover
5	NLA* FS Polyurethane Filter
4-6	Fine Spray Outlet Head

*Order Complete Spray Head #40404700 (Gentle Spray) or #40404702 (Fine Spray)

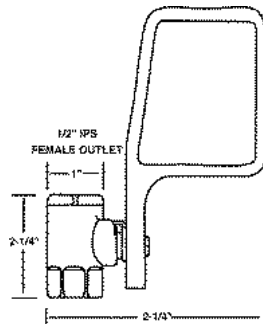
GUARDIAN SAFETY EQUIPMENT REPLACEMENT PARTS



#40401009
Eye Wash Bowl



#40404503
Plastic Shower Head



#40406001
Stay-Open Ball Valve With Flag Handle



#11928
Fire Sprinkler Cover

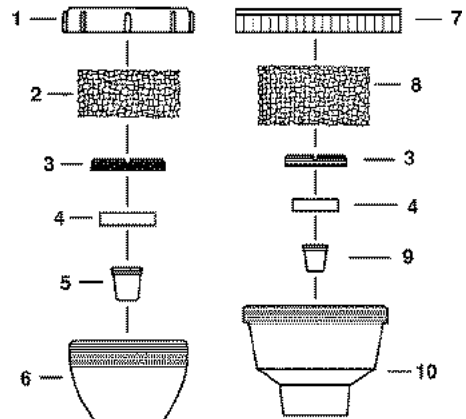


#11919
Fire Sprinkler Cover

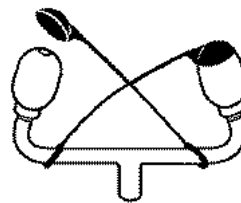


#11942
Fire Sprinkler Cover

GUARDIAN GENTLE SPRAY & FINE SPRAY OUTLET (OLD STYLE)

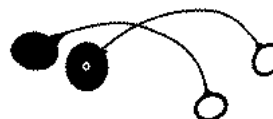


1	1-1/2" Delrin Spray Cover (NLA)
2	GS Polyurethane Filter
3	Slotted Retainer for Float (NLA)
4	Flow Control Holder (Order # 36340300)
5	1.6 GPM Flow Control (NLA)
1-6	#40404700 Gentle Spray Outlet Head w/ Flow Control
7	#40402509 2-1/2" Delrin Spray Head Cover for Use with Plastic Body
8	FS Polyurethane Filter
9	3.0 GPM Flow Control (Order 40404702)
7-10	#40404702 Fine Spray Outlet Head w/ Internal Flow Control



#40400060
HAWS MODEL SP62FC
EYE WASH SPRAY HEAD

Soft-Flo ABS Plastic Anti-Surge Heads. One Piece Yoke.



40400050
HAWS/WESTERN
DUST COVERS

Plastic Pop-off Covers For Eye Wash Units. 2 Per Set.



HEATING

I.P.S. SUPPLIES:

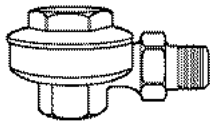
Armstrong
Barnes And Jones
Cash Acme
Dunham Bush
Grundfos
Hoffman
Illinois
Marsh

McDonnell Miller
Nicholson
Sarco
Sterling
Taco
Trane
Watson M^cdaniel
Warren Webster

DUNHAM - BUSH

#51710 (1E)

1/2" Angle Trap - Low Pressure



#51271 (1E)

Repair Kit for 1/2"

#54127 (2E)

3/4" Angle Trap - Low Pressure

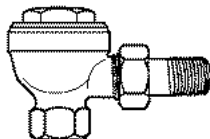
#51265 (2E)

Repair Kit for 3/4"

HOFFMAN

#57636 (17C)

1/2" Angle Trap



#52299 (17C)

Repair Kit for 1/2"

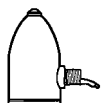
#57637 (8C)

3/4" Angle Trap

#57638 (8C)

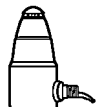
Repair Kit for 3/4"

VENTS



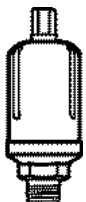
#50579 - #40

Float Type Steam Vent.
1/8" NPT angle connection.
Operating pressure: 6 PSI



#57824 - #1A

Adjustable Steam Vent.
1/8" NPT angle connection.
Operating pressure: 1-1/2 PSI



#50585 - #79

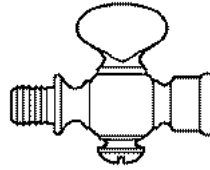
Water Main Vent.
1/2" NPT female x 3/4" NPT male.
Max Operating Pressure: 75 PSI



#50587

Auto Vent - 1/8"
For hot water baseboard and
free standing radiators.

PET COCK



#51873

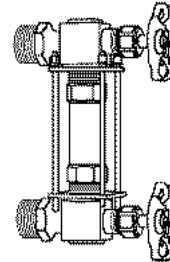
1/4 Male x Female

#81154

1/4 Female x Female

OTHER SIZES IN STOCK. CALL FOR ASSISTANCE.

ROUGH BRASS WATER GAUGES



PART#	PIPE SIZE	GLASS SIZE	SERVICE RATING
#85301	1/2	5/8" X 12"	200 psi @ 400 psi @ 100°F <i>Equipped with ball checks to prevent scalding in event of glass breakage.</i>
#58805	1/2	5/8" X 12"	125 psi @ 350 F - 300 psi @ 100°F
#57300	1/2	5/8" X 12"	200 psi @ 400 F - 400 psi @ 100°F

RED LINE GAUGE GLASS



PART#	SIZE	LENGTH	TYPE	PART#	SIZE	LENGTH	TYPE
#85768	5/8"	12"	Red Line	#85830	5/8"	30"	Red Line
#85812	5/8"	15"	Red Line	#85904	5/8"	36"	Red Line
#52413	5/8"	24"	Red Line	#85848	5/8"	48"	Red Line

1/2" & 3/4" AVAILABLE ON REQUEST

GAUGE GLASS WASHER KIT



#81530

5/8" Nut and Gasket Kit

GAUGE GLASS CUTTERS



PART#	DESCRIPTION
#34589	For 1/4" thru 3/4" O.D. chain type gauge glass, laboratory glass & porcelain.
#36152	Replacement chain for #34589
#35062	Heavy duty gauge glass cutter with carbide wheel. Has sliding rule for exact cutting.
#36100	Replacement wheel for #35062



GAUGES & THERMOMETERS

UTILITY PRESSURE GAUGES

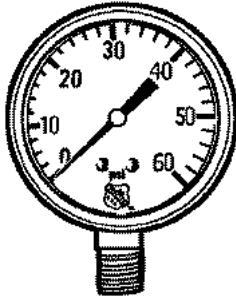
• Steel case • 1/4" MPT brass connection • Plastic face

2"

#44987	60#
#44988	100#
#55286	160#
#44989	200#
#44990	300#

2-1/2"

#44991	30#
#44992	60#
#50516	100#
#51736	160#
#52934	200#
#52935	300#



3-1/2"

#52936	30#
#50520	60#
#55408	100#
#52937	160#
#52938	200#
#52939	300#

4-1/2"

#52940	30#
#52941	60#
#50523	100#
#55546	160#
#52942	200#
#52943	300#

OTHER SIZES & LIQUID FILLED AVAILABLE,
CALL FOR ASSISTANCE AND PRICING!

PIGTAIL SIPHONS



#52921

Angle - 1/4" Black Steel

#57136

Angle - 1/4" Brass



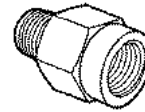
#52923

Straight - 1/4" Black Steel

#53264

Straight - 1/4" Brass

1/4" BRASS PRESSURE SNUBBER



#51497

SOLAR THERMOMETER

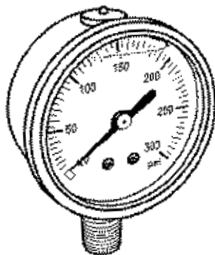
#58122



Ideally suited for replacement of mercury-in-glass thermometers in environmentally conscious applications. Requires no external power, and needs only 10 lux of illumination to operate. Adjustable angle stem. Min/Max feature provides instant recall of minimum and maximum temperatures over a given period. 7" case size.

LIQUID FILLED GAUGES

2-1/2"



#51378	30#
#55390	60#
#55489	100#
#55265	160#
#57889	200#
#51554	300#

4"

#85529	30#
#85541	60#
#85542	100#
#85543	160#
#85544	200#
#85545	300#

ADJUSTABLE THERMOMETER

#55872

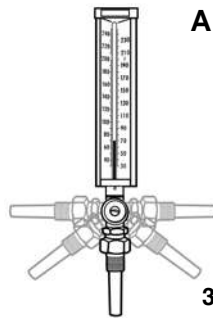
9" 0-120°F - 3-1/2"

#55763

9" 30-240°F - 3-1/2" STE

#55744

9" 0-160°F - 3-1/2"

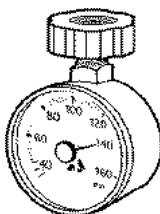


#53425

3-1/2" BRASS THERMOMETER WELL

LAZY HAND WATER TEST GAUGE

#35065

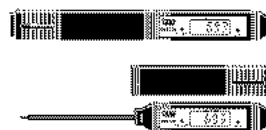


- 0-160#
- 2-1/2" gauge
- Unbreakable face
- Supplied with filter
- 3/4" FHT brass swivel connection with gripper

Regular pressure hand pushes Lazy Hand to peak operating or surge pressure point where it remains until you manually reset it. Lazy Hand operates over entire gauge range.

DIGITAL PEN STYLE THERMOMETER

#32810



Fits flat in your pocket and stands up to constant rugged use. Water resistant. Data hold and continuous update.

TEMP RANGE: -40° TO 300°

ACCURACY: ±2° F

POCKET THERMOMETERS



#34701

-40° to 160° with 1" dial



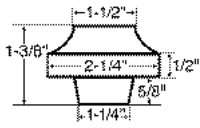
#35318

0° to 220° with 1" dial

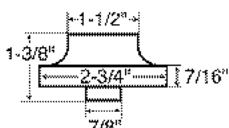


HEATING

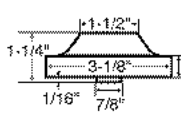
BELL & GOSSETT PUMP IMPELLERS



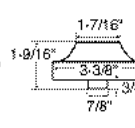
#57646
PLASTIC



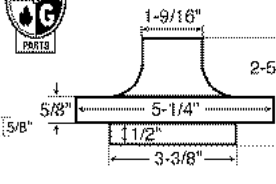
#53543
BRASS



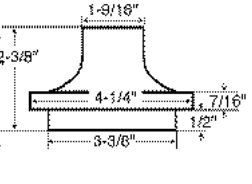
#54219
BRASS



#54145
PLASTIC



#57649
BRASS



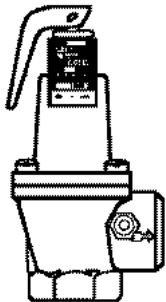
#54355
BRASS

OTHER TYPES AVAILABLE. CALL FOR ASSISTANCE



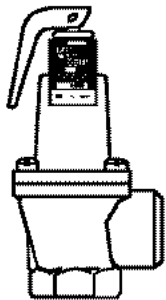
PRESSURE RELIEF VALVES

WATTS MODEL 174A



PART #	INLET	OUTLET	LBS.	BTUs
#80100053	3/4"	3/4"	30	650,000
#80100054	3/4"	3/4"	50	950,000
#80100055	3/4"	3/4"	75	1,320,000
#80100056	3/4"	3/4"	100	1,695,000
#80100057	3/4"	3/4"	150	2,445,000
#80100058	1"	1"	30	1,005,000
#80100059	1"	1"	50	1,470,000
#80100060	1"	1"	75	2,005,000
#80100061	1"	1"	100	2,635,000
#80100062	1"	1"	150	3,795,000
#80100063	1-1/2"	1-1/2"	30	2,020,000
#80100064	2"	2"	30	3,815,000

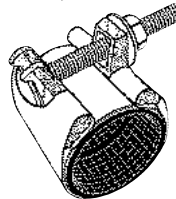
WATTS MODEL 740



PART #	INLET	OUTLET	LBS.	BTUs
#80100065	3/4"	1"	30	925,000
#80100066	3/4"	1"	50	1,352,000
#80100067	1"	1-1/4"	30	1,300,000
#80100068	1"	1-1/4"	50	1,899,000
#80100069	1-1/4"	1-1/2"	30	2,105,000
#80100070	1-1/4"	1-1/2"	50	2,830,000
#80100071	1-1/2"	2"	30	2,900,000
#80100072	1-1/2"	2"	50	3,903,000
#80100073	2"	2-1/2"	30	5,250,000
#80100074	2"	2-1/2"	50	7,672,000

STAINLESS STEEL INSTA-CLAMP

The Best
Repair Clamp
EVER!



PART #	COPPER PIPE SIZE	OD
#81974	1/2"	5/8"
#81975	3/4"	7/8"
#81976	1"	1-1/8"
#81977	1-1/4"	1-3/8"
#81978	1-1/2"	1-5/8"
#81979	2"	2-1/8"
#81980	2-1/2"	2-5/8"
#81981	3"	3-1/8"
#81982	4"	4-1/8"

SPECIFICATIONS:

- Panel: Stainless Steel Type 304
- Bridge Plate: Stainless Steel Type 304
- Gasket: Molded Step Waffle NBR Gasket Design
- Rated at 150# psi
- Lugs: Ductile Iron Per ASTM A536 with Galvanized Plating Finish
- Bolt and Nut: Zinc-Chromate Finished Carriage Bolt, Nut and Washer

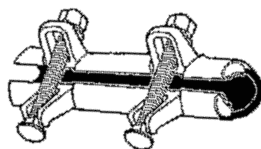
INSTA-CLAMP PLUMBER'S KIT

#81990



- Includes one size of each Insta-Clamp™ from 1/2" to 2"
- Includes 12" Canvas Tool Bag
- Includes 24" OD Tape Measure

6" STAINLESS STEEL REPAIR CLAMP



ALSO AVAILABLE IN
3" LENGTH

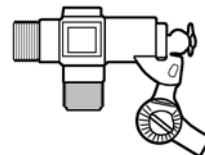
FOR IRON PIPE SIZE

#44731	3/8" x 6"
#44732	1/2" x 6"
#44733	3/4" x 6"
#44734	1" x 6"
#44735	1-1/4" x 6"
#44736	1-1/2" x 6"
#44737	2" x 6"

FOR COPPER SIZE

#53830	1/2" x 6"
#53831	3/4" x 6"
#53832	1" x 6"
#53653	1-1/4" x 6"
#53700	1-1/2" x 6"
#54968	2" x 6"

MECHANICAL FLOAT VALVES RED BRASS BODY



PART#	SIZE
#58657	3/8" X 3/8"
#58658	1/2" X 1/2"
#58659	3/4" X 3/4"
#58660	1" X 1"




FLOAT VALVE PLUNGER ASSEMBLY




PART#	SIZE
#58667	3/8"
#58668	1/2"
#58669	3/4"
#58670	1"



PUMP COUPLERS

PART#	MATERIAL	SHAFT	FITS B&G UNIT
 #44983 (Most Common)	Cast Iron	1/2 x 1/2	Series 75-150 1", 1-1/4", 1-1/2", 2" HV
#57630 (OEM)	Steel	1/2 x 1/2	Series 75-150 1", 1-1/4", 1-1/2", 2" HV
#54176 (For HD Series Only)	Cast Iron	1/2 x 1/2	2-1/2", HD Series, LD Series
 #57808	Cast Iron	1/2 x 1/2	PD 35, PD 37
 #57625	Cast Iron	1/2 x 5/8	PD 35, PD 37

PERMANENT REPLACEMENT COUPLING

	PART#	SIZE	SHAFT SIZE
	#44525	1/12 to 1/3	(1/2 x 1/2)
	#44984	1/2 and 3/4	(1/2 x 1/2) (1/2 x 5/8)
	#44985	1	(5/8 x 5/8)

FOR ARMSTRONG, B&G, & TACO BOOSTERS AND IN-LINE PUMPS

Unitized construction eliminates all friction & wear points common to OEM couplers. Precision tempered, spiral spring provides flexibility, and compensates shaft misalignment. Absorbs starting torque. Reduces load on bearings and seals.

WOODS COUPLERS



Flange with Insert



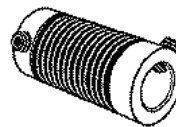
Insert

FLANGE W/ INSERT	MFG#	SIZE	INSERT ONLY
#SP4948	3J	1/2 x 1/2	#SP4949 (3JE)
#81505	4J	1/2 x 1/2	#SP814 (4JE)
#86104	5J	1/2 x 3/4	#54660 (5JE)



PUMP COUPLER

#SP6975



- Fits Taco 110 circulator
- 1/2" x 3/8" shaft
- Spring-steel spring
- Aluminum ends.

TEFLON SELF-FORMING PACKING



#79164
Teflon Self-Forming
Packing
3/32 x 40'

#79081
5/16" Square General
Service Pump Packing

RUBBER INSERT FOR PUMP COUPLER



#SP4019

TELESCOPIC OILER



#79054 4 oz.

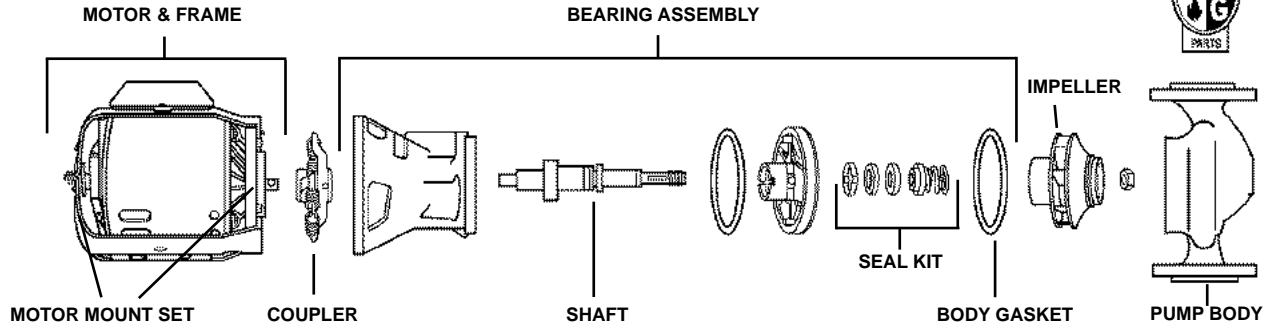
Telescopic tip for hard to reach areas. Great for motors & pumps.



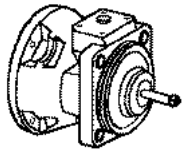
HEATING PUMPS REPAIR

BOOSTER PUMP

NOTE: PUMP SHOWN IS SERIES 100. REPLACEMENT PARTS FOR ALL BOOSTERS ARE SIMILAR.



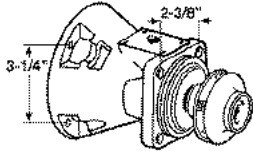
BEARING ASSEMBLIES



Part	B&G	Armstrong	A Dim	B Dim	Type
#57692	#189165LF	#816023-001	3-1/4"	3-1/4"	STD
#85100	#189163LF	#816549-091	3-1/4"	3-1/2"	BF
#57645	#189105LF	#816028-002	3-7/8"	3-1/2"	BF
#80100130	#189162LF	#816549-091	3-1/4"	3-1/2"	STD
#85100	#189163LF	#816549-091	3-1/4"	3-1/2"	HIGH Veloc

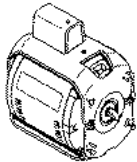
Other Types Available. Call With Pump And I.D. Tag Info

ONE PIECE BEARING ASSEMBLY W/IMPELLER



Part	B&G	Armstrong	Description
#54101	#189161	#810119-001	For Series 100 Booster Pump (S25) Bronze or Cast Iron
#59021	#189134LF	#816019-002	For Series 100 Booster Pump (S25) With NFI Impeller

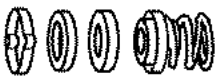
MOTOR & FRAME ASSEMBLY



Part	B&G	Armstrong	Description
#53321	#111034	#805316-010	1/12 HP, 115V, 1PH, 60CY, 1725, RPM 1/6 HP
#57647	#111040	#817025-007	1/4 HP, 115V, 1PH, 60CY, 1725 RPM
#54197	#111031	#817025-001	6", 1/6 HP, 115V, 1PH, 60CY, 1725 RPM
#54331	#111061	#817025-005	5", 1/6 HP, 115V, 1PH, 60CY, 1725 RPM

Other Types Available. Call For Assistance And Pricing

SEAL KITS



Part	B&G	Armstrong	Description
#81158	#118681	#816706-001	Series 100, 1522, 60AA, PD 35-37, 90AA
#54332	#186862		Series 1510, 1531, Series 80 & Universal

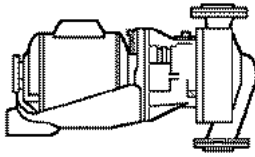
FLANGE GASKETS



Part#	ARM	O.D.	I.D.	Thick	Armstrong Application	B & G Application
#SP1986	805201-000	3-7/8	3-7/16	3/16	S-45, 46, 55, 57, 69	2 1/2" LD3, HD3, PD-35, PD-37, PD-40
#56957	816117-000	3	2-1/2	3/16	H-54, 66, 67, 68, 2B & 2D-1000	60-14, 60-19, 60-20, 60-21
#81105	805209-000	3-1/8	2-7/16	3/32	S-35	2"
#53470	804034-000	2-1/2	2-1/8	7/32	S-34, H-32, 63, 64, 65, 1-1/2 D-1000 Series	HV, 60-15, 60-16, 60-17
#86191	805176-000	2-1/8	1-13/16	3/16	H-41,-51, 52, 53-1B, 1 - 1/2 B, 1 - 1/2 B-1000 Series	1" PR, 60-11, 60-13
#53489	816653-000	2-3/16	1-3/8	7/32	S-15, 25	Series 100



BELL & GOSSETT IN-LINE PUMPS

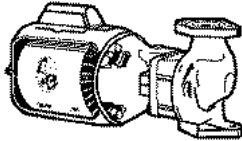


For Proper B & G Inline Pump Sizing,
Call I.P.S. with the Following Information:

- Model Number
- RPM
- Voltage
- Motor Frame Size
- Horse Power
- Phase



COMPLETE PUMPS (SERIES 100)

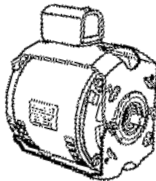


Part	B&G	Armstrong	Description
#54198	#106189	#S-23BF	Iron Body w/Plastic Impeller
#57648	#106197	#S-25AB	Bronze Body w/Plastic Impeller

Specify Pipe Size When Ordering

Other Types Available. Call For Assistance and Pricing.

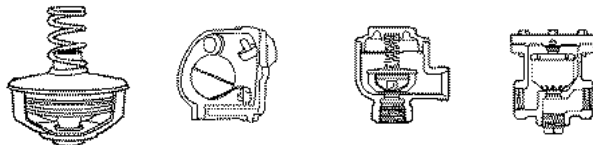
CIRCULATION PUMPS



Part#	Cross Ref#	H.P.	Mounting Hole
#53321	BGP111034	1/12	3-1/4

BARNES & JONES "CAGE UNIT" TRAP REPAIRS

Renew any steam trap in your system - even if the original trap is obsolete and the manufacturer is out of business. There is no need to take the trap offline. Replace just the interior for significant savings in time and labor cost. The following is a partial list of manufacturers for which "Cage Units" are available.



THERMOSTATIC TRAPS

American Sterilizer	Belknap	Cashlin-Thermoflex
Barnes & Jones	Broomell	Donnelly
Babcock & Becker	Cromwell	Hoffman
Crane Valve CO.	Fairbanks	KELMAC
Dunham-Bush	Jenkins	Milwaukee
Ideal	Marsh Traps	Spirax
Johns Mansville	Sarco	Trane
Peerless	Thermidaire	thermostatic
Sterling	Twin City	Yarway
Terice	ADSCO	
ARCO	Braukman	

FLOAT & THERMOSTATIC TRAPS

Barnes & Jones	Dunham-Bush	Hoffman
Sarco	Strong	Trane

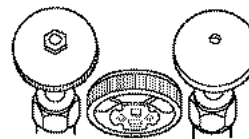
DISC TRAP CONVERSIONS-MONEL BELLOWS

Erwell	Spirax Sarco	Yarway
--------	--------------	--------

DISC TRAP CONVERSIONS-STAINLESS STEEL BELLOWS

Erwell	Spirax Sarco	Yarway
--------	--------------	--------

RADIATOR VALVE HANDLES

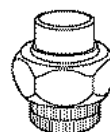


4 in 1 handles with adjustable plate which fits four different standard size stem broaches is included with each handle. Handles are available in screw or nut style.

PART#	TYPE	HANDLE O.D.	FITS SIZE
#85104	Screw	2-1/4"	1/4", 9/32", 5/16", 11/32"
#85105	Nut	2-1/4"	1/4", 9/32", 5/16", 11/32"
#85106	Screw	2-3/4"	11/32", 3/8", 13/32", 7/16"
#85107	Nut	2-3/4"	11/32", 3/8", 13/32", 7/16"

DIELECTRIC UNIONS

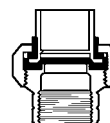
For connections between dissimilar or similar metals in any plumbing system, to control corrosion caused by galvanic or electrolytic action.



PART#	DESCRIPTION
#57090	1/2" swt x 1/2" FIP
#57091	3/4" swt x 3/4" FIP
#59439	1" swt x 1" FIP
#57184	1-1/4" swt x 1-1/4" FIP
#57186	1-1/2" swt x 1-1/2" FIP
#57187	2" swt x 2" FIP


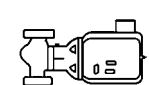
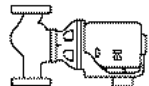
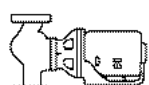

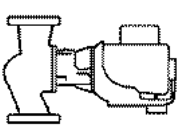
GASKET & INSULATOR KIT

#54313	1/2"
#58803	3/4"
#58802	1"
#53274	1-1/4"
#53275	1-1/2"
#58804	2"

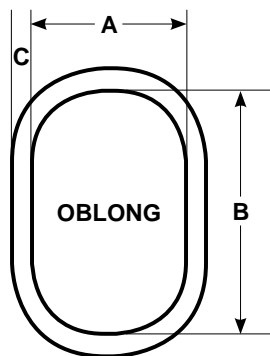
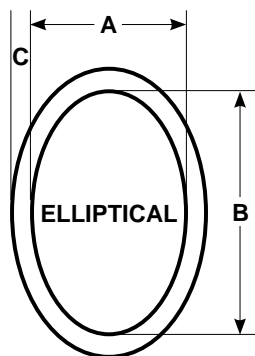


HEATING

BEARING ASSEMBLY CONVERSION CHART

PART#	ARMSTRONG SEAL BEARING CONVERSION ASSEMBLY (Includes Shaft Module)	REPLACEMENT PUMP SHAFT BEARING MODULE	PUMP MODEL NUMBERS	
			ARMSTRONG	BELL & GOSSETT
#SP2116	Universal 810119-001 (with Impeller) Aluminum Housing	 #57857 816999-041	S-25 3/4 #75 S-25 1 #100 S-25 1-1/4 #125 S-25 1-1/2 #150	
#SP748	Universal 816549-091 (less Impeller) Aluminum Housing		S-35 1 - H-32 1 HV1 H-32 1-1/4 HV1-1/4 H-32 1-1/2 HV1-1/2	
#86272	Universal 816023-001 (less Impeller) Aluminum housing		- 2	
#55944	Universal 816027-002 (less Impeller) Aluminum housing		S-45 2-1/2 2-1/2 S-45 3 3LD S-46 3 HD H-41 1PR	
#SP2794	Universal 816032-000 (less Impeller) Cast Iron Housing		S-55 PD-35 S-57 PD-37 H-51 60-1 or 60-11 H-52 60-2 H-53 60-3 or 60-13 H-54 60-4 or 60-14	

HANDHOLE & MANHOLE GASKETS



TO ORDER, SPECIFY THE FOLLOWING:

- Two inside diameters (A) & (B)
- Width of flange (C)

NOTE:
All gaskets
are 1/4" thick

NEOPRENE HANDHOLE

PART NO.	A	B	C
* #51349	2-1/2	3-1/2	1/2
* #85726	2-1/2	3-3/4	1/2
* #51753	2-3/4	3-3/4	1/2
* #85727	2-3/4	3-3/4	5/8
* #55427	3	4	1/2
** #85728	3	4	1/2
* #55331	3	4-1/2	1/2
* #85729	3-1/4	4-1/2	1/2
** #85730	3-1/4	4-1/2	1/2
* #55589	3-1/2	4-1/2	1/2
** #85731	3-1/2	4-1/2	9/16
* #85732	4	6	5/8
* #85733	5	7	3/4

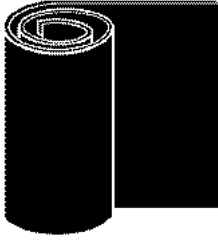
*Elliptical **Oblong

NEOPRENE MANHOLE - OVAL

PART NO.	A	B	C
#85735	10	15	1-3/8
#85736	11	15	1-1/4
#54303	10	14	1-1/2
#85737	12	15	1-1/4
#53650	12	16	1-1/4



GASKET MATERIAL



SUPER NEOPRENE SHEET

CONSTRUCTION: This super grade sheet contains over 50% actual neoprene base, much higher than most, together with EPR and a fortified carbon black compound.

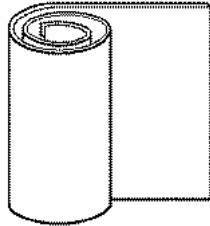
RECOMMENDATIONS: Especially suited for petroleum oils, non-aromatic petroleum products, gasoline, butane, propane, mild acids, and alkalis, hot or cold water, brine, and air. Temperature limit: 300° f

#79091 1/16"

#79092 1/8"

#79093 1/4"

CUT FROM
36" WIDE ROLLS
SOLD BY THE YARD



CONSTRUCTION: Made of special quality SBR elastomer with a cloth impression finish. Remains soft and pliable and will not creep, squeeze or blow out under normal temperatures and pressures.

RECOMMENDATIONS: Use for hot or cold water, air, ammonia, and low pressure saturated steam up to 150 psi. Use up to 300° f

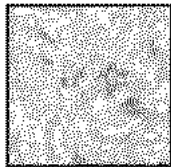
RED SHEET

#79201 1/16"

#79203 1/8"

#79205 1/4"

CUT FROM
36" WIDE ROLLS
SOLD BY THE YARD



REPLACES
ASBESTOS

COMPRESSED NON-ASBESTOS GREEN SHEET

CONSTRUCTION: High quality non-asbestos fibers with high chemical stability and heat resistance are bonded under pressure with nitrile rubber. Outstanding creep resistance at high temperatures. Has good anti-stick properties.

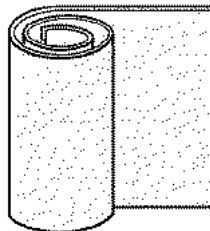
RECOMMENDATION: Effectively seals against super heated or saturated steam, air, water, petroleum oils, refinery gases, ammonia, alkalis and mild acids.

#79210

60" x 60" x 1/16" THICK

#79211

60" x 60" x 1/8" THICK



CONSTRUCTION: This strong, dense vegetable fiber gasket paper is treated under pressure with a glycerine compound. It is a tan colored sheet whose flexibility and resilience makes it a popular gasketing material.

RECOMMENDATIONS: Particularly adaptable for low temperature, applications on oil, gasoline, perchloroethylene, benzene, and other volatile liquids, except those containing corrosive acids and caustics, which would destroy the fibers.

PLANT FIBER

#79094 1/16"

CUT FROM
36" WIDE ROLLS
SOLD BY THE YARD



A CENTER FERRULE



B POINTED BLADE



C ROUNDED TIP BLADE



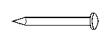
D CURVED BLADE



E PIVOT PIN
FOR UNDER 1/8" THICK



F PIVOT PIN
FOR OVER 1/8" THICK



G DISK PIN



H GASKET
CUTTER

The most handy, yet precise, gasket cutting tool available anywhere! A necessity for any tool box. The rugged, phenolic body provides for versatile and efficient gasket cutting capabilities of the highest standards. An exclusive body design provides an ironing action to prevent material as thin as .001" from buckling, ensuring a precision cut. The body design also allows the cutting of straight strips up to 3-5/8" wide, gasket cutting capabilities from 1/4" to 6", and allows a cutter to be used as a pin handle.

GASKET CUTTER

BASIC KIT #79117

1 EACH OF A, B, C, D, E, F, G, & H

COMPLETE KIT #79118

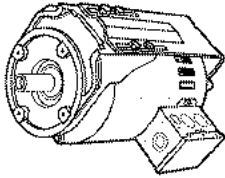
1 EACH OF C, D, H, &
CUTTING WORKBOARD &
MATERIAL BOX (NOT SHOWN)
4 TYPE B BLADES
3 EACH OF TYPE E & F PINS



HEATING



PUMP MOTOR

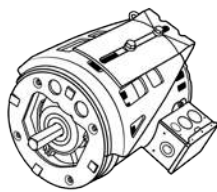


1/2" SHAFT

Part#	Item	#H.P.	Phase	Volt
#86239	1661-022RP	1/2	3	230/460



PUMP MOTOR

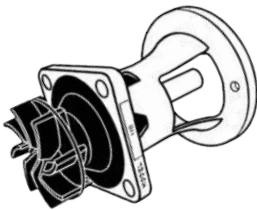


5/8" SHAFT

Part#	Item	#H.P.	Phase	Volt
#86240	1661-023RP	3/4	3	230/460



BEARING ASSEMBLY



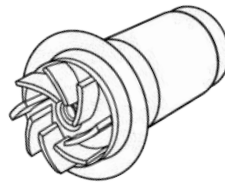
For Pumps:
HC 110, 111, 113, 117, 120-6, 120-12

- Four bolt
- BF = Bronze Fitted
- STD = Standard Cast Iron

Part#	Item	Type	Model
#86241	110-361RP	STD	HC, 110, & 117
#86242	110-362BRP	BF	HC, 110, & 117
#86243	111-058RP	STD	HDH & 111
#86244	111-059RP	BF	HDH & 111
#86245	113-012BRP	BF	113
#86246	113-013RP	STD	113
#86247	120-067RP	STD	120-6 To 120-12
#86248	120-068RP	BF	120-6 To 120-12



CARTRIDGE ASSEMBLY FOR PUMP

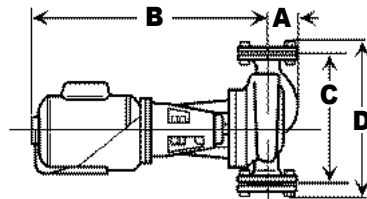
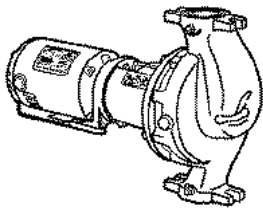


- Designed for quiet, efficient operation
- Replacing the cartridge rebuilds the circulator
- With no mechanical seal, the self-lubricating, maintenance free design provides unmatched reliability

Part#	Item #	Model	Speed	Material
#86249	005-019RP	005,006	Single	Cast Iron
#86250	007-042RP	007	Single	Cast Iron
#86251	007-063RP	007	3	Cast Iron
#86252	0010-021RP	0010	Single	Cast Iron
#86253	005-020RP	005, 006	Single	Bronze or Stainless Steel
#86254	006-036RP	006-IFC	Single	Bronze or Stainless Steel
#86255	007-045RP	007	Single	Bronze or Stainless Steel
#86256	0010-022RP	0010	Single	Bronze or Stainless Steel
#86257	008-044RP	008, 00R	Single	Cast Iron
#86258	008-055RP	008-T7	Single	Cast Iron
#86259	009-021RP	009	Single	Cast Iron
#86260	0010-031RP	0010-IFC	3	Cast Iron
#86261	0011-009RP	0011	Single	Cast Iron
#86262	0012-011RP	0012	Single	Cast Iron
#86263	0013-007RP	0013	Single	Cast Iron
#86264	0014-004RP	0014	Single	Cast Iron
#86265	008-045RP	008	Single	Bronze or Stainless Steel
#86266	008-046RP	008-T7	Single	Bronze or Stainless Steel
#86267	009-022RP	009	Single	Bronze or Stainless Steel
#86268	0011-010RP	0011	Single	Bronze or Stainless Steel
#86269	0012-012RP	0012	Single	Bronze or Stainless Steel
#86270	0013-008RP	0013	Single	Bronze or Stainless Steel
#86271	0014-003RP	0014	Single	Bronze or Stainless Steel



CIRCULATING PUMP - SINGLE PHASE - 1600 SERIES

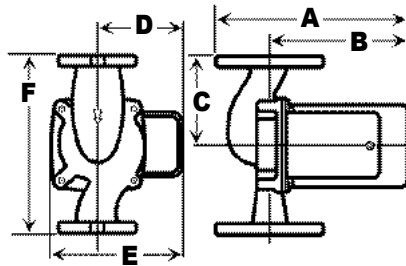
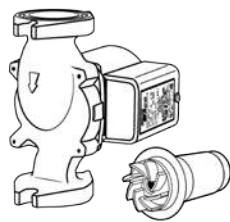


- 115/230 Volt, 60 Hz and 1750 RPM's
- Available in 15 models ranging in size from 1 - 1/2" x 1-1/2" to 2" x 2" with a flow range from 10 to 235 GPM and head capacities up to 68 feet with flanges.
- Utilizes an exclusive replaceable, cooler running bearing cartridge design. This unique design isolates the bearings from the effects of system fluid temperatures which greatly extends bearing life. The cartridge design incorporates permanently sealed grease lubricated ball bearings making it virtually maintenance free
- Freight charges apply

Part#	Item #	A (in)	B (in)	C (in)	D (in)	Amp	H.P.	Flange Size (in)
#86206	1600C	3	16-1/2	10-1/4	12-7/8	5.7	1/4	1-1/2
#86207	1610C	3	16-1/2	10-1/4	12-7/8	6.2	1/3	1-1/2
#86208	1612C	3-1/8	18-1/2	13-1/2	16-1/8	7.0	1/2	2
#86209	1614C	3-1/8	19	13-1/2	16-1/8	12.4	3/4	1-1/2
#86210	1616C	3	19	14-1/2	17-3/8	14.0	1	2
#86211	1630C	3-1/2	18	13-1/2	16-1/8	7.0	1/2	2
#86212	1632C	3-1/2	18-1/2	13-1/2	16-1/8	12.4	3/4	2
#86213	1634C	3-1/2	19	13-1/4	16-1/8	14.0	1	2
#86214	1636C	3-5/8	21	16-1/2	19-1/2	15.0	1-1/2	2



CIRCULATING PUMP - SINGLE PHASE - 00 SERIES



Taco "00" cartridge circulator is designed to make your job easier. Installation is quick and easy, and maintenance is a snap. With no mechanical seal, the self-lubricating design provides unmatched reliability. Every "00" features a field-replaceable cartridge that contains all the moving parts.

- Less flanges
- 115 Volt, 60 Hz, 3250 RPM
- Standard high capacity output
- Direct drive, low power consumption
- Universal flange to flange dimension

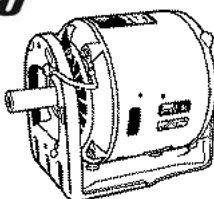
Model Nomenclature

- F - Cast Iron, Flanged
- Z - Zoning Circulator
- BC - Bronze, Sweat, Panel Mount
- IFC - Integral Flow Check

Part#	Item #	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	Amp	H.P.
#86226	005SF	5-5/8	4	3-3/16	2-15/16	4-3/4	6-3/8	53	1/35
#86227	007F	5-5/8	4-1/2	3-3/16	2-15/16	4-3/4	6-3/8	.76	1/25
#86228	007Z	5-5/8	4-1/2	3-3/16	2-15/16	4-3/4	6-3/8	.76	1/25
#86229	009F	7	5-11/16	3-3/16	3-5/16	4-1/8	6-3/8	1.40	1/8
#86230	0010F	7-1/4	5-11/16	3-3/16	3-5/16	5-3/8	6-3/8	1.10	1/8
#86231	0011F	7-5/8	6-7/32	3-1/4	3-3/4	6	6-1/2	1.76	1/8
#86232	0012F	8-5/8	6-3/8	4-1/4	3-7/8	6	8-1/2	1.33	1/8
#86233	0013F	7-3/4	6-3/8	3-1/4	3-3/4	6	6-1/2	2.0	1/6
#86234	0014F	7-1/4	5-13/16	3-1/4	3-5/16	5-3/8	6-1/2	1.55	1/8



PUMP MOTOR - SINGLE PHASE

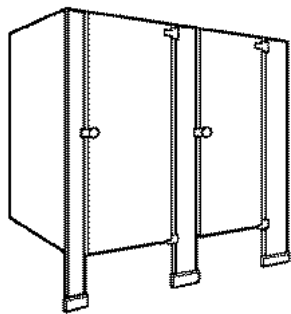


Part#	Item #	H.P.	Model
#86235	TAC110-223RP	1/12	HC, 110, & 117
#86236	TAC110-185RP	1/8	HDH, 111, & 113
#86237	TAC112-074RP	1/3	112
#86238	TAC120-105	1/6	All 120s



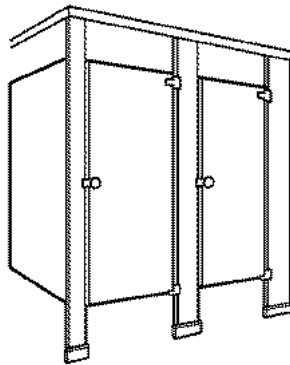
PARTITIONS

TYPES OF TOILET PARTITIONS



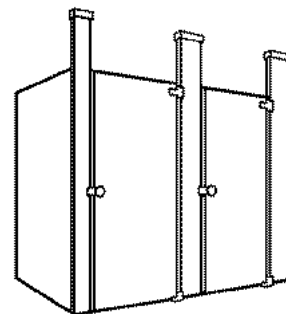
Floor Supported

When no overhead bracing is required, but ceiling hung partitions are impractical, Floor Supported Partitions are ideal. Modern spaciousness and rigidity are important features.



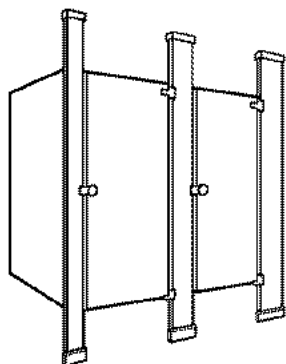
Floor Supported with Headrail

This is our most popular style. Recommended for new and old buildings where economy, ease of installation and rigid overhead bracing are required.



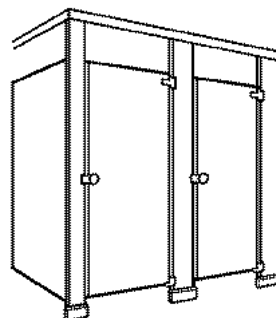
Ceiling Hung

Ceiling hung partitions allow ease of floor maintenance. Used in construction when dropped ceiling or open span type construction is practical.



Floor to Ceiling

Recommended for all areas subject to heavy usage. For problem areas we recommend the use of full length aluminum brackets and hinges.



Ultimate Privacy

When maximum privacy is desired, the Ultimate Privacy configuration can be incorporated into any of our partition styles. Panels and doors are 67" high and mounted 3-12" off of the floor. Continuous brackets and no sight door options to minimize any sight gaps.

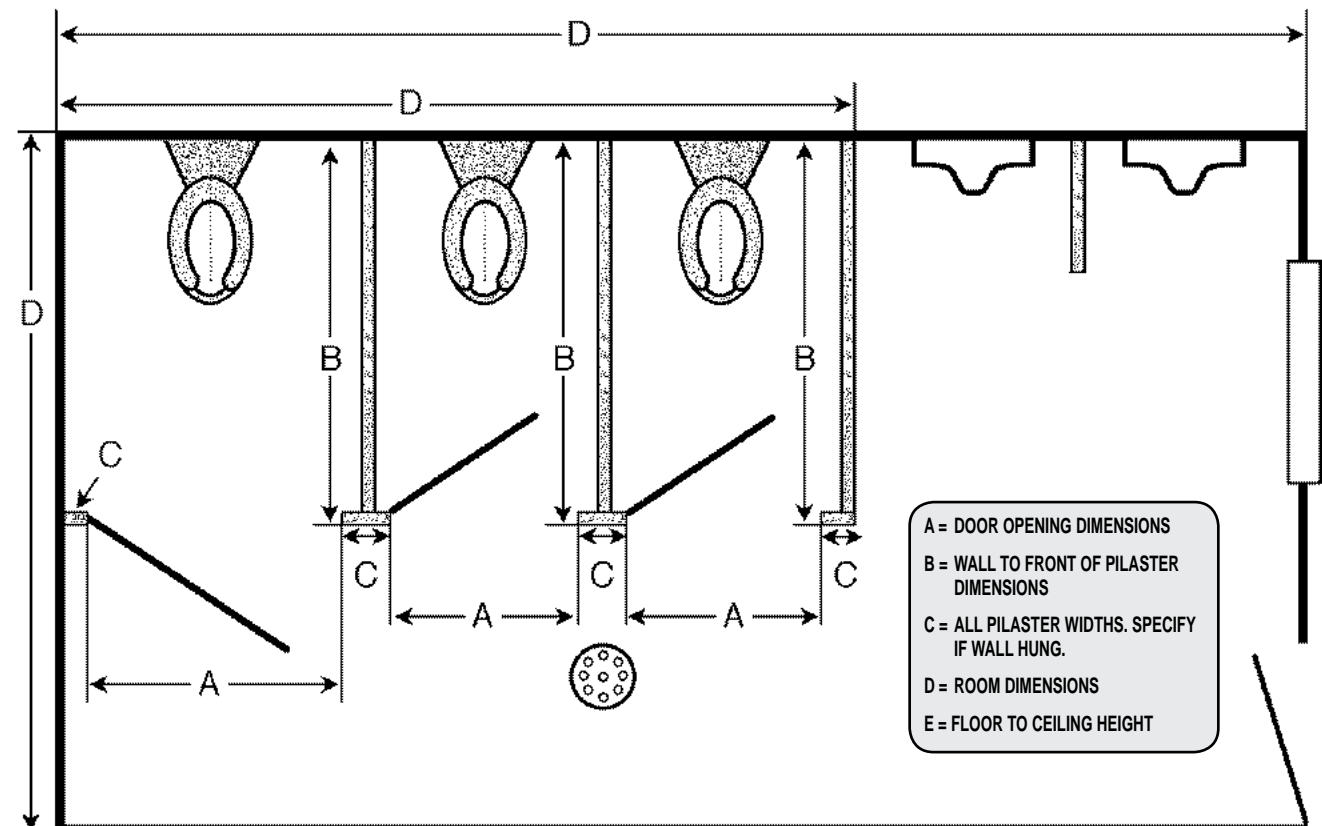


CHECK LIST

WHEN ORDERING OR QUOTING PARTITIONS, PLEASE SUBMIT THE FOLLOWING INFORMATION ON A DRAWING OF THE LAYOUT OF THE ROOM:

1. MATERIAL OF NEW PARTITIONS
2. COLOR OF NEW PARTITIONS
3. SPECIFY HEADRAIL BRACED, CEILING HUNG, OR FLOOR SUPPORTED
4. FINISHED WALL DIMENSIONS OF ROOM
5. C x C DIMENSIONS BETWEEN FIXTURES (IF POSSIBLE)
6. A.D.A. REQUIREMENTS ??
7. DOOR SWINGS
8. LOCATION OF OBSTRUCTIONS (RADIATORS, WINDOWS, FLOOR DRAINS, ETC.)
9. IF CEILING HUNG, MUST SPECIFY FLOOR TO CEILING HEIGHT (E)

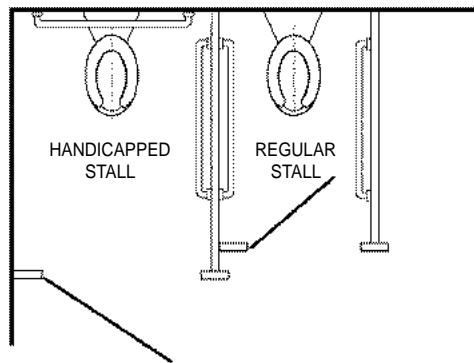
BELOW IS AN EXAMPLE OF WHAT THE FINISHED PICTURE SHOULD LOOK LIKE:



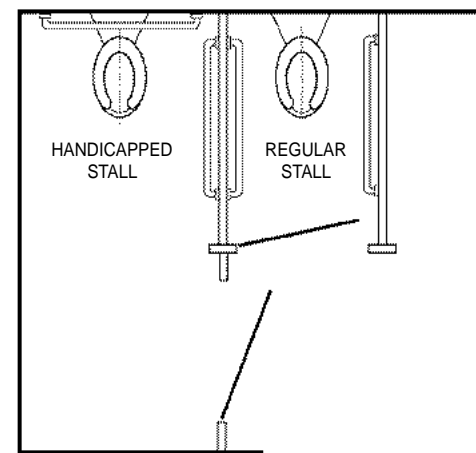


TYPICAL INSTALLATION STYLES

CORNER INSTALLATION



BETWEEN WALL INSTALLATION



ACCESSORY MOUNTING GUIDELINES

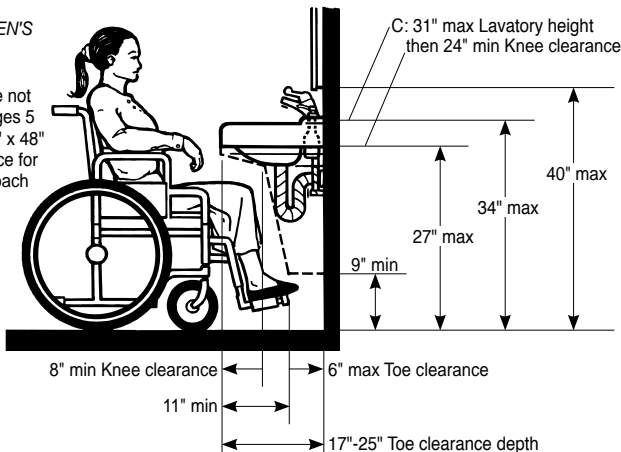
The wheelchair is used as a standard of accessibility, because wherever a wheelchair can go, so can a person using a walker, a cane, or crutches. For the convenience of the physically handicapped, washroom accessories should be mounted so that operating areas such as coin slots,

push buttons, openings for towels, cups, and waste are no more than 40" above the floor. For the safety of the blind, objects below 6'-6" which protrude more than 4" must continue to the floor or to within 8" of the floor so that they may be detected by a person using a cane or a seeing eye dog.

LAVATORY CLEARANCES

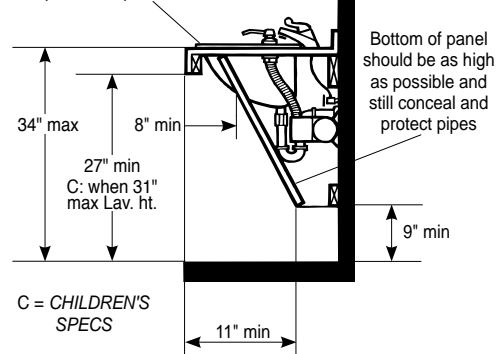
C = CHILDREN'S SPECS

C: Kneespace not required for ages 5 and under if 30" x 48" clear floor space for parallel approach available.

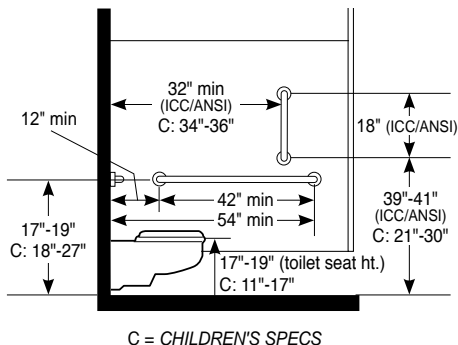


PROTECTIVE PANEL UNDER LAVATORY

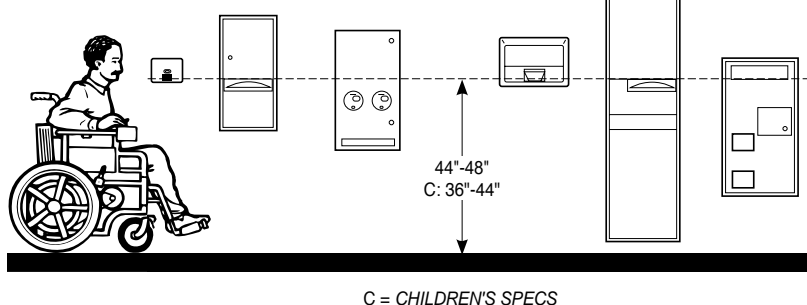
Place lavatory bowl as far forward as possible and cut out pipe protection panel around bowl



SEAT HEIGHT AND GRAB BAR LOCATIONS



MOUNTING HEIGHTS FOR RESTROOM ACCESSORIES

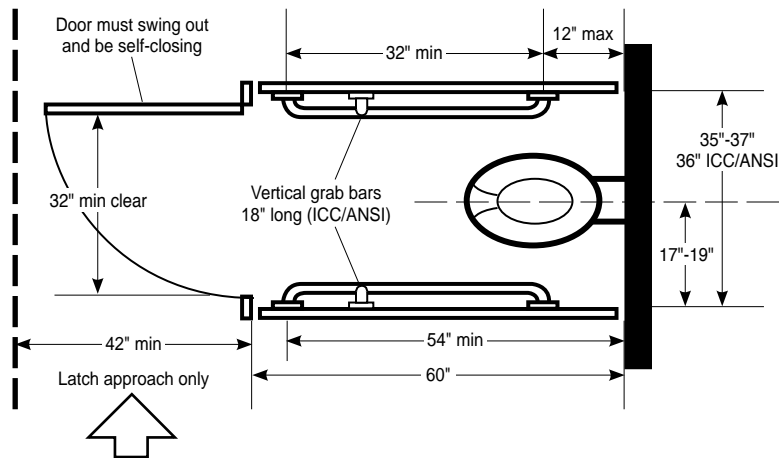




PARTITIONS ADA

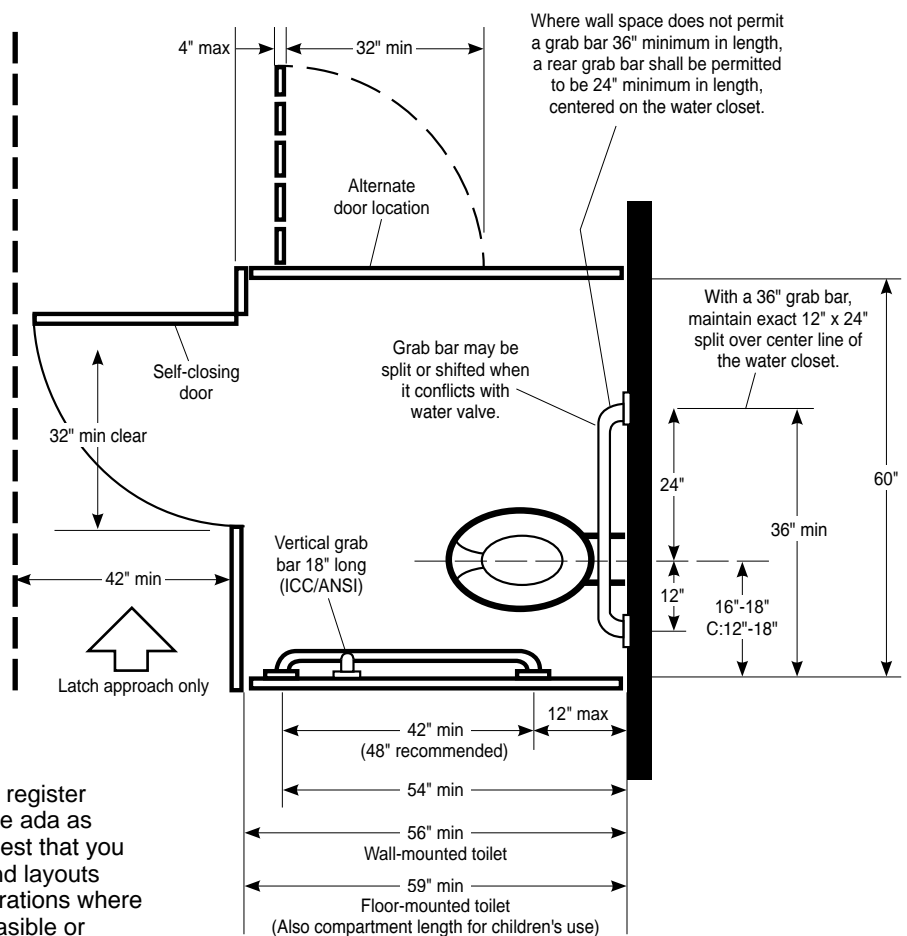
RENOVATION WORK

STANDARD STALL



ALTERNATE STALL

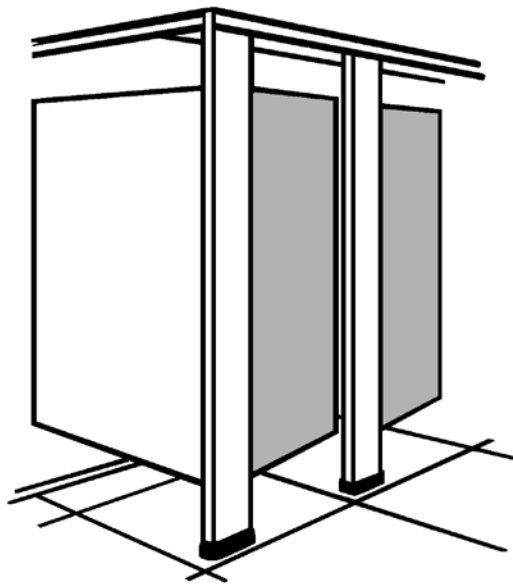
C = CHILDREN'S SPECS



We have gone through the federal register and put together the highlights of the ada as they relate to our industry. We suggest that you structure all of your future orders and layouts with this information in mind. In alterations where the standard stall is technically infeasible or where local plumbing codes prohibit reduction in the number of fixtures, then the 36" or 48" stalls are permitted. The door, however, must swing out. Grab bars complying with the length and positioning shown shall be provided.



PARTITION DOORS



- All doors are supplied with mounting hardware.
- Must specify color when ordering.
- Stainless steel finish is brushed. For other textured finishes, call for assistance.
- Replacement doors fit listed opening sizes.
- All doors 58" high.

Doors For 30" Opening

#15209	30" Powder Coated Steel Door
#15209SS	30" Stainless Steel Door
#15209HDP	30" High Density Polymer Door
#15209PL	30" Plastic Laminate Door
#15209SPC	30" Solid Phenolic Core Door
#15209CTP	30" Color-Thru Phenolic Door

Doors For 24" Opening

#15208	24" Powder Coated Steel Door
#15208SS	24" Stainless Steel Door
#15208HDP	24" High Density Polymer Door
#15208PL	24" Plastic Laminate Door
#15208SPC	24" Solid Phenolic Core Door
#15208CTP	24" Color-Thru Phenolic Door

Doors For 32" Opening

#16413	32" Powder Coated Steel Door
#16413SS	32" Stainless Steel Door
#16413HDP	32" High Density Polymer Door
#16413PL	32" Plastic Laminate Door
#16413SPC	32" Solid Phenolic Core Door
#16413CTP	32" Color-Thru Phenolic Door

Doors For 26" Opening

#16009	26" Powder Coated Steel Door
#16009SS	26" Stainless Steel Door
#16009HDP	26" High Density Polymer Door
#16009PL	26" Plastic Laminate Door
#16009SPC	26" Solid Phenolic Core Door
#16009CTP	26" Color-Thru Phenolic Door

Doors For 34" Opening

#16414	34" Powder Coated Steel Door
#16414SS	34" Stainless Steel Door
#16414HDP	34" High Density Polymer Door
#16414PL	34" Plastic Laminate Door
#16414SPC	34" Solid Phenolic Core Door
#16414CTP	34" Color-Thru Phenolic Door

Doors For 28" Opening

#11888	28" Powder Coated Steel Door
#11888SS	28" Stainless Steel Door
#11888HDP	28" High Density Polymer Door
#11888PL	28" Plastic Laminate Door
#11888SPC	28" Solid Phenolic Core Door
#11888CTP	28" Color-Thru Phenolic Door

Doors For 36" Opening

#15210	36" Powder Coated Steel Door
#15210SS	36" Stainless Steel Door
#15210HDP	36" High Density Polymer Door
#15210PL	36" Plastic Laminate Door
#15210SPC	36" Solid Phenolic Core Door
#15210CTP	36" Color-Thru Phenolic Door

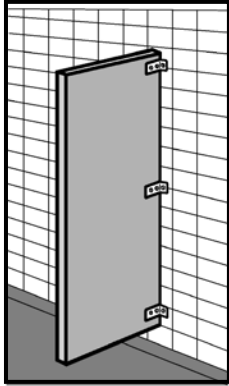


PARTITION SCREENS

URINAL SCREENS

Must Specify Color! • Other Sizes Available!

Wall Hung



#15211
18" x 42" Powder Coated Steel
Urinal Screen with Hardware

#15211SS
18" x 42" Stainless Steel
Urinal Screen with Hardware

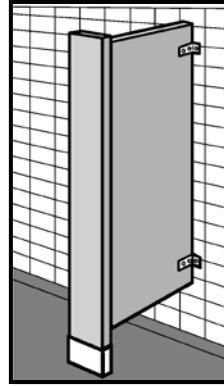
#15211HDP
18" x 42" High Density Polymer
Urinal Screen with Hardware

#15211PL
18" x 42" Plastic Laminate
Urinal Screen with Hardware

#15211SPC
18" x 42" Solid Phenolic Core
Urinal Screen with Hardware

#15211CTP
18" x 42" Color-Thru Phenolic
Urinal Screen with Hardware

Floor Braced Screen with Pilaster



#15212
18" x 42" Powder Coated Steel
Urinal Screen with Pilaster

#15212SS
18" x 42" Stainless Steel
Urinal Screen with Pilaster

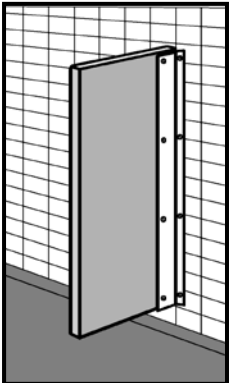
#15212HDP
18" x 42" High Density Polymer
Urinal Screen with Pilaster

#15212PL
18" x 42" Plastic Laminate
Urinal Screen with Pilaster

#15212SPC
18" x 42" Solid Phenolic Core
Urinal Screen with Pilaster

#15212CTP
18" x 42" Color-Thru Phenolic
Urinal Screen with Pilaster

Wall Hung with Continuous Bracket



#15213
18" x 42" Powder Coated Steel
Urinal Screen with Continuous Bracket

#15213SS
18" x 42" Stainless Steel
Urinal Screen with Continuous Bracket

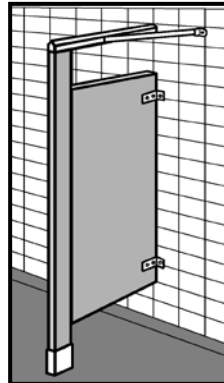
#15213HDP
18" x 42" High Density Polymer
Urinal Screen with Continuous Bracket

#15213PL
18" x 42" Plastic Laminate
Urinal Screen with Continuous Bracket

#15213SPC
18" x 42" Solid Phenolic Core
Urinal Screen with Continuous Bracket

#15213CTP
18" x 42" Color-Thru Phenolic
Urinal Screen with Continuous Bracket

Floor Supported with Headrail



#15214
18" x 42" Powder Coated Steel
Urinal Screen with Headrail

#15214SS
18" x 42" Stainless Steel
Urinal Screen with Headrail

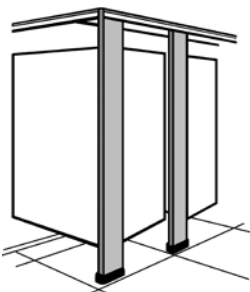
#15214HDP
18" x 42" High Density Polymer
Urinal Screen with Headrail

#15214PL
18" x 42" Plastic Laminate
Urinal Screen with Headrail

#15214SPC
18" x 42" Solid Phenolic Core
Urinal Screen with Headrail

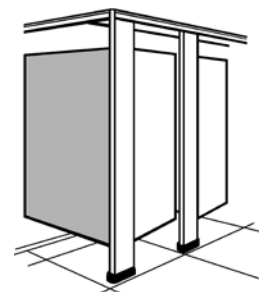
#15214CTP
18" x 42" Color-Thru Phenolic
Urinal Screen with Headrail

MUST SPECIFY COLOR!



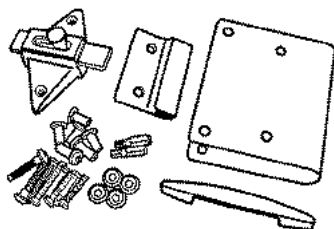
PILASTERS AND PANELS

CALL FOR ASSISTANCE

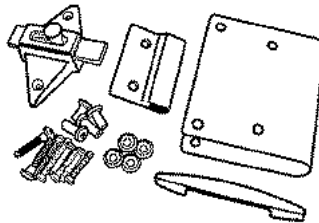


PARTITION DOOR PARTS

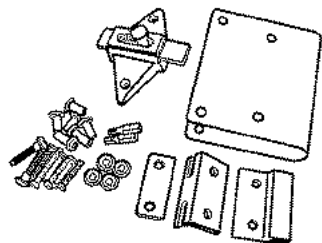
EQUIPRO PARTITION DOOR FIX-IT KITS



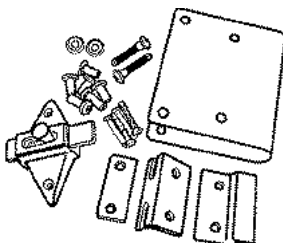
#16135
OUTSWING DOOR LATCH
FIX-IT KIT W/PULL
For Metal Rounded Doors



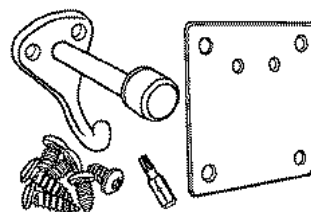
#16150
OUTSWING DOOR LATCH
FIX-IT KIT W/PULL
For Square Edge Doors



#16136
INSWING DOOR LATCH
FIX-IT KIT
For Metal Rounded Doors



#16148
INSWING DOOR LATCH
FIX-IT KIT
For Square Edge Doors



#16151
S.S. BUMPER HOOK &
PLATE FIX-IT KIT



#15803
ALUMINUM
PRIVACY STRIP

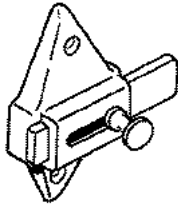
- 1-1/2" Wide
- 58" Long
- 1/8" Offset



Knowledge is Our Best Part!

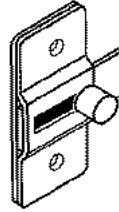


PARTITION LATCHES



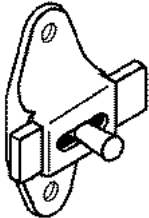
UNIVERSAL SLIDE LATCH

#01440
2-3/4" C x C



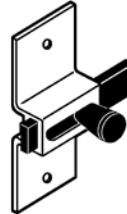
**STAMPED STAINLESS STEEL
SLIDE LATCH**

#14022
1-7/8" C x C



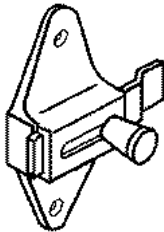
UNIVERSAL SLIDE LATCH

#01441
3-1/2" C x C



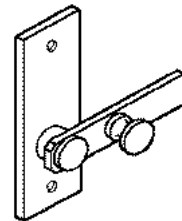
ALUMINUM SLIDE LATCH

#15113
3-1/2" C x C
Santana



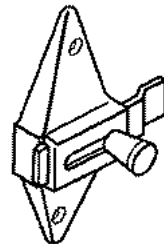
SLIDE LATCH

#14018
3-1/2" C x C
With Offset Slide Bar



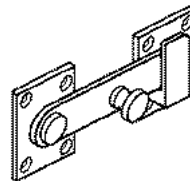
THROW LATCH

#01442
3-1/2" C x C



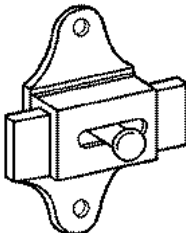
SLIDE LATCH

#14019
2-3/4" C x C
With Offset Slide Bar



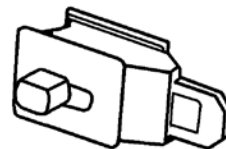
THROW LATCH WITH KEEPER

#14023
Heavy Duty
Chrome Plated Brass
1-3/8" X 1-3/8" On Centers



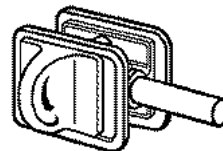
SLIDE LATCH

#14020
2-5/8" C x C
Sanymetal



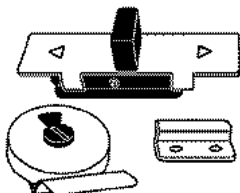
CONCEALED LATCH SET

#14072
Fits Metpar



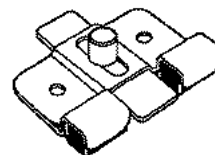
CONCEALED LATCH SET

#01801
Fits Mills



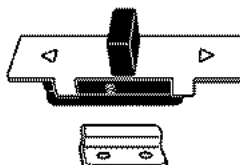
SLIDE LATCH

#16460



SLIDE LATCH

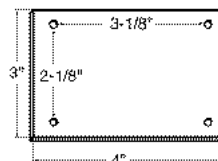
#16345



SLIDE LATCH

#16461

**#14024
STAINLESS STEEL HOLE COVER PLATE**

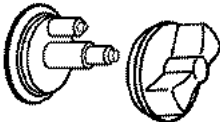

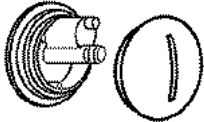
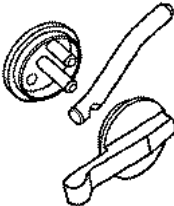
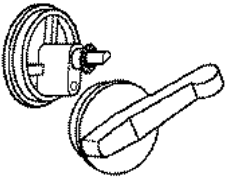
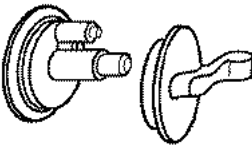

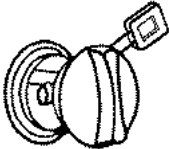
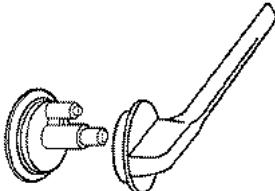
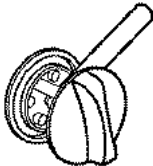
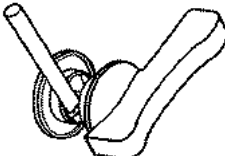

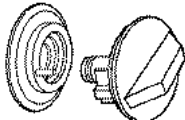
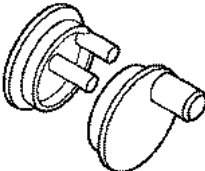

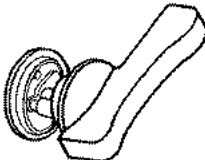

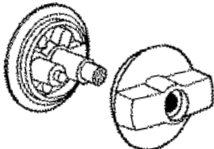
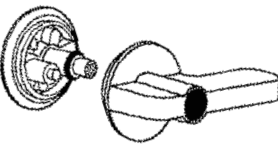


Eliminate concealed latches and retrofit slide latches. Cover outside hole in door. Use # 1441 latch and # 1449 strike and keeper.

Comes with mounting screws

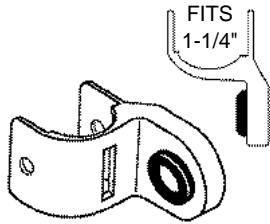


PARTITION LATCHES

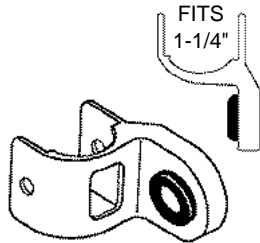
<p>CONCEALED SLIDE LATCH</p>  <p>#01803 Fits Various Brands</p>	<p>OLD STYLE CONCEALED LATCH SET</p>  <p>NO LONGER AVAILABLE SEND SAMPLE FOR PROPER ID AND REPLACEMENT</p>
<p>CONCEALED SLIDE LATCH</p>  <p>#14074 Fits General <i>For handicapped stalls, use #14112</i></p>	<p>NEW STYLE 3 PIECE CONCEALED LATCH SET</p>  <p>#11594 Fits Sanymetal <i>Includes removable pin. For new style doors only.</i></p>
<p>OLD STYLE CONCEALED LATCH SET</p>  <p>#1422-23 Fits Sanymetal Only For Door w/Non-Removable Pin. <i>(Replaces escutcheon stamped # 8818 and handle stamped # 8809)</i></p>	<p>ADA LEVER LATCH SET</p>  <p>#14075 Fits Various Brands <i>(Replaces #01803)</i></p> 
<p>CONCEALED LATCH SET</p>  <p>#14073 Fits Metpar <i>For ADA, use #15849</i></p>	 <p>USE #14075</p>
<p>CONCEALED LATCH WITH STRAIGHT BAR</p>  <p>#11296 Fits Metpar</p>	<p>ADA LEVER LATCH SET</p>  <p>#14115 For Plastic Laminate Fits General <i>Used on old doors that do not have locking mechanism built in.</i></p> 
<p>CONCEALED SLIDE LATCH</p>  <p>#14113 Fits Accurate</p>	 <p>USE #14115 <i>(See Block Above)</i></p>
<p>HADRIAN LATCH KNOB AND COVER</p>  <p>#15249C Outer Latch Cover #15249K Inner Latch Knob #15249 Complete Set</p>	<p>ADA LEVER LATCH SET</p>  <p>#14112 Fits General <i>(Replaces #14071)</i></p> 
<p>CONCEALED LATCH SET</p>  <p>#15885 Fits Global</p>	<p>ADA LEVER LATCH SET</p>  <p>#15884 Fits Global</p>



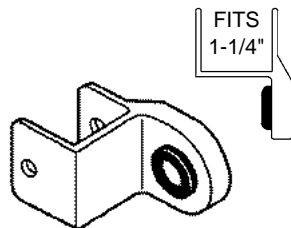
PARTITION STRIKE & KEEPERS



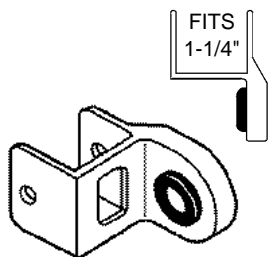
METPAR
#14008
STRIKE AND KEEPER
 Used With Concealed Latch
 Flat Bar



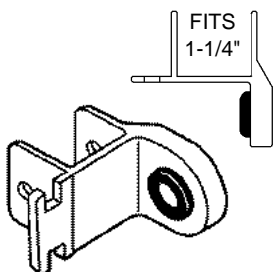
#01437
STRIKE AND KEEPER
 Used With Concealed Latch
 Round Bar



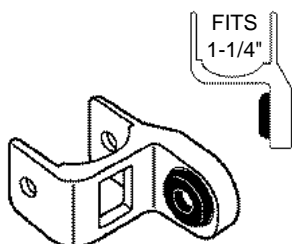
#14001
STRIKE ONLY
FOR OUTSWING DOOR
 Used with Slide Latch
 For Laminate Only



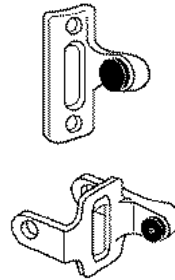
#14002
STRIKE AND KEEPER
 Used with Concealed Latch
 Round Bar
 For Laminate Only



#14003
STRIKE AND KEEPER
 Used with Slide or Throw Latch
 For Laminate Only



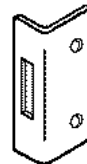
#15492
STRIKE AND KEEPER



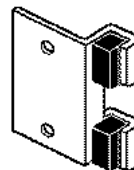
MILLS
#01802
STRIKE AND KEEPER
 Used with Concealed Latch
 Round Bar - Surface Mount



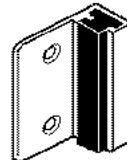
#14216
STRIKE ONLY
 For Any Thickness



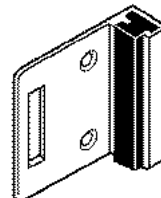
#14217
KEEPER ONLY
 For Any Thickness



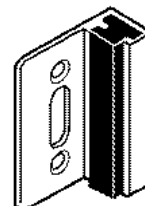
#14007
STRIKE ONLY
 For Any Thickness
 1-7/8" Centers



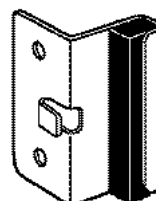
#14004
STRIKE AND KEEPER
 Used with Slide Latch.
 For Any Thickness or Material.



#14005
STRIKE AND KEEPER
 Used With Slide Latch
 For Any Thickness or Material
 1-1/2" Centers



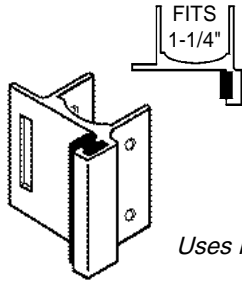
#14006
STRIKE AND KEEPER
 Used with Concealed Latch
 Round Bar
 For Any Thickness or Material



#14177
STAINLESS STEEL
STRIKE AND KEEPER
 For 3/4" Inswing Door
 1-7/8" Centers



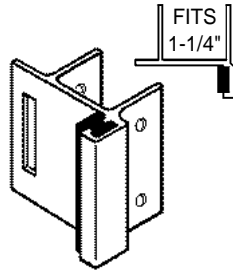
PARTITION STRIKE & KEEPERS



#01449

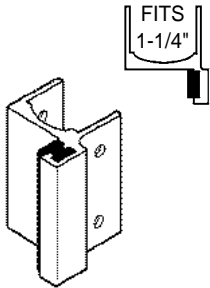
Used With Slide Latch
1-1/2" Centers
For Steel Partitions

Uses Replacement Bumper only # 15082



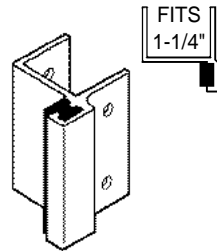
#01450

Used with Slide Latch
1-1/2" Centers
For Laminate Only



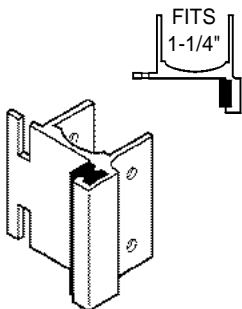
#14013

Used With Flat Bar Slide Latch
For Outswing Door
1-1/2" Centers
For Steel Partitions



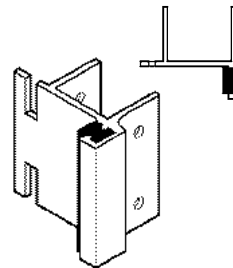
#14014

Used with Slide Latch
For Outswing Door
For Laminate Only



#01451

Used With Throw or Slide Latch
For Steel Partitions



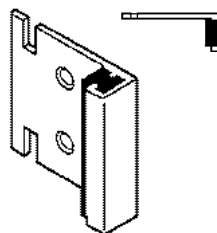
#14015

Used With Throw or Slide Latch
for 1-1/4" Thickness
1-1/4" Centers
For Laminate Only



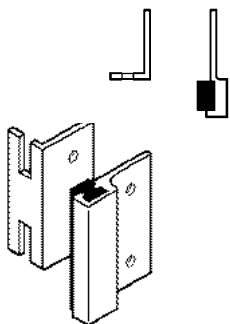
#16146

Same as above,
but for 1" Thickness



#14016

Used with Throw or Slide Latch
For Any Thickness or Material



#01446

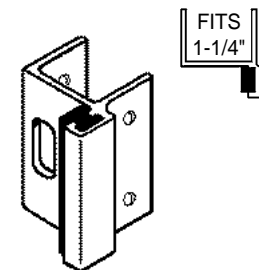
Keeper Only
Used With Throw or Slide Latch
1-1/2" Centers



#01445

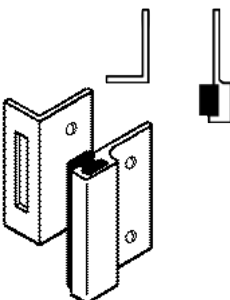
Strike Only
1-1/2" Centers

For any thickness or material



#14017

Used with Round Bar
Concealed Latch
For Laminate Only



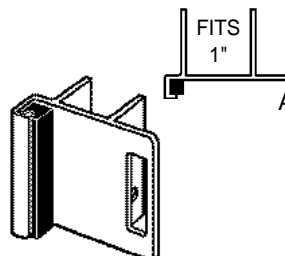
#01444

Keeper Only
For Slide Latch
1-1/2" Centers

#01445

Strike Only
1-1/2" Centers

For any thickness or material



#15114

Inswing
Aluminum Strike And Keeper
For 1" Thickness
1-1/4" Centers
Fits General & Santana

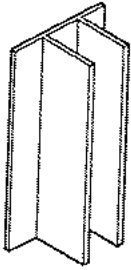
#15435

As above, but for Outswing



PARTITION BRACKETS

CONTINUOUS BRACKET



#14010

1" Thickness
Aluminum

#14011

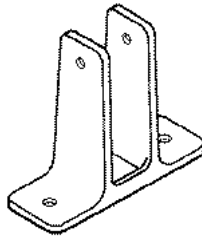
1-1/4" Thickness
Stainless Only

#14012

1/2" Thickness
Aluminum Only

SOLD IN 54" LENGTHS

DOUBLE EAR WALL BRACKET



#01462

1" Thickness
2-1/2" Height
Includes Fasteners

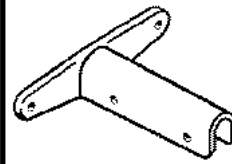
#01465

1-1/4" Thickness
2-1/2" Height
Includes Fasteners

#01464

1" Thickness
3-1/2" Height
Includes Fasteners

URINAL SCREEN BRACKET



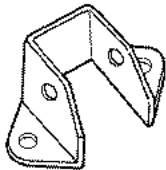
#01452

1" Panel Thickness
12" Bracket Height
Includes Fasteners

#01453

1-1/4" Panel Thickness
6" Bracket Height
Includes Fasteners

HEADRAIL BRACKET



#01459

1" Thickness
1" Bracket Height
Includes Fasteners

#14009

1-1/4" Thickness
1" Bracket Height
Includes Fasteners

SINGLE EAR WALL BRACKET



#01470

1" Thickness
2-1/2" Height
Includes Fasteners

#01469

1" Thickness
3-1/2" Height
Includes Fasteners

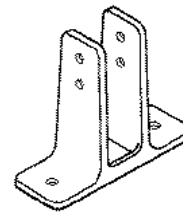
#01473

1-1/4" Thickness
2-1/2" Height
Includes Fasteners

01475

1-1/4" Thickness
3-1/2" Height
Includes Fasteners

URINAL SCREEN BRACKET



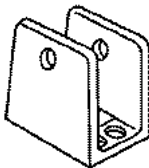
#01454

1" Thickness
3-1/2" Height
Includes Fasteners

#01455

1-1/4" Thickness
3-1/2" Height
Includes Fasteners

"U" BRACKET

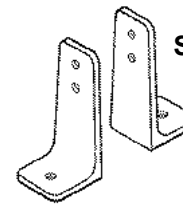


#01479

1" Thickness
1-5/16" Height
Includes Fasteners

**For Outstanding Service,
Call I.P.S.!**

2 PIECE URINAL SCREEN BRACKET

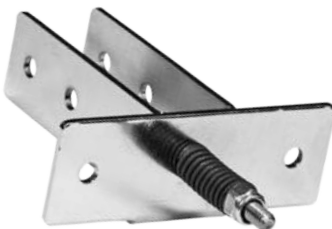


#01456

2 Piece - Any Thickness
3-1/2" Height
Use 3 Brackets Per Screen

NEW!

FLEXI-MOUNT™ URINAL SCREEN BRACKET #50400368



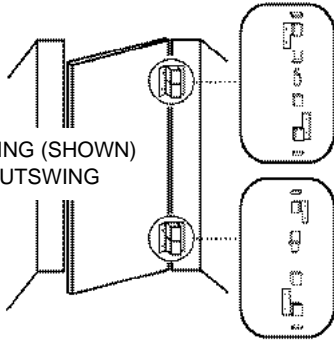
Flexi-Mount™ is an amazing new urinal screen mounting bracket that allows partition panels to flex when bumped or pushed. The Flexi-Mount™ takes the stress off the wall and brackets, eliminating damage to the wall and tiles.

**Reduce Wall
Damage
& Bracket
Breakage!**



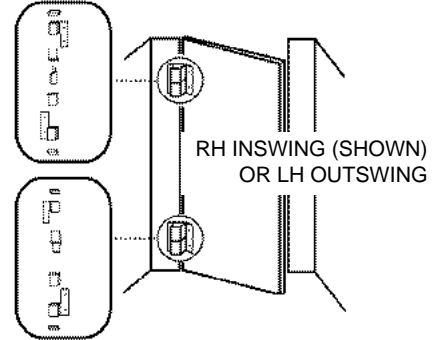
PARTITION HINGES

LH INSWING (SHOWN)
OR RH OUTSWING

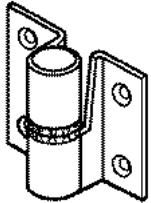


HANDING

HANDING IS DETERMINED
BY LOOKING AT DOOR
AND HINGES FROM
INSIDE STALL



RH INSWING (SHOWN)
OR LH OUTSWING

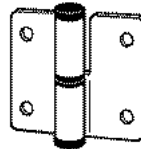


STAINLESS STEEL SURFACE MOUNT ROUND PARTITION HINGE SET

#14104 Right Hand Inswing
Left Hand Outswing

#14105 Left Hand Inswing
Right Hand Outswing

INCLUDES TOP & BOTTOM HINGES AND FASTENERS

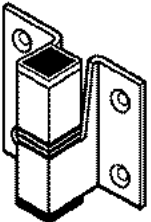


CHROME PLATED BRASS SURFACE MOUNT ROUND PARTITION HINGE SET

#14106 Right Hand Inswing
Left Hand Outswing

#14107 Left Hand Inswing
Right Hand Outswing

INCLUDES TOP & BOTTOM HINGES AND FASTENERS

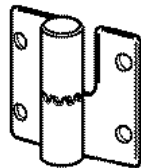


STAINLESS STEEL SURFACE MOUNT SQUARE PARTITION HINGE SET

#01447 Right Hand Inswing
Left Hand Outswing

#01448 Left Hand Inswing
Right Hand Outswing

INCLUDES TOP & BOTTOM HINGES AND FASTENERS



SURFACE MOUNT PARTITION HINGE SET

#14293 RH Inswing

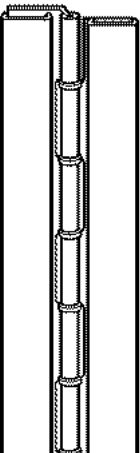
#14292 LH Inswing

TOILET PARTITION CONTINUOUS SPRING HINGE

#10852

Manufactured from extruded aluminum, the I.P.S. Continuous Spring Hinge is designed to give complete support along the length of the partition door. With the 54" version having 27 bearing surfaces, the Toilet Partition Continuous Spring Hinge will support doors weighing up to 65 lbs. This added strength is especially important on wider, heavier doors such as marble, and those found on partitions designed for use by the physically challenged.

ALSO AVAILABLE IN STAINLESS STEEL



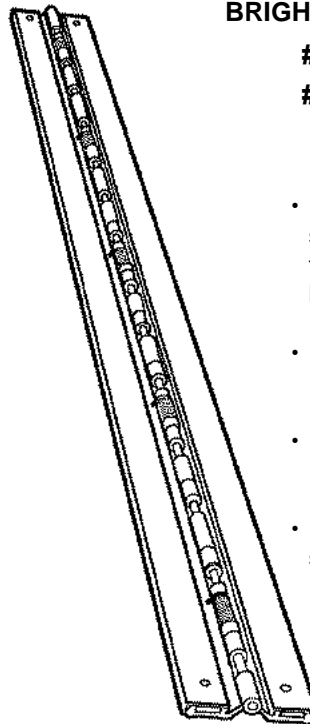
- Extruded aluminum construction.
- Easy to adjust and tamper-resistant torx screw tension adjustment.
- Removable roll pin for future adjustment.
- Accepts a wide variety of fasteners.
- Eliminates the "sight line". Gives continuous support along the entire height of door.
- Tamper and vandal resistant finishing cover caps conceal all mounting hardware.
- Non-handed. The same hinge fits right or left door.
- Rugged, corrosion-resistant barrel design with concealed, all stainless steel internal mechanism.
- Fasteners supplied for appropriate partition material. Specify when ordering.

SEVERE APPLICATION CONTINUOUS TOILET PARTITION HINGE - 54"

BRIGHT ALUMINUM FINISH

#15646 RH

#15647 LH

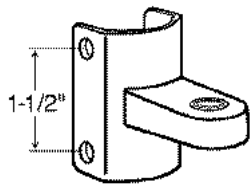


- Heavy duty, for the most severe applications. Excellent for regular doors or oversized handicap doors.
- Self closing. Five heavy duty springs on each hinge.
- Emergency access (hinge can lift 1.5")
- 1/4" thick heavy duty stainless steel pin.



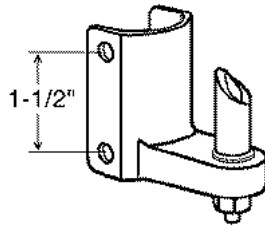
PARTITION HINGES

FITS ALL AMERICAN



#14232

Top Hinge Bracket



#14233

Bottom Hinge with Pintel

#14046

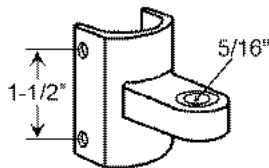
Pintel Only for
above hinge (**#14232**)

#14225

Pintel Only for
above hinge (**#14233**)

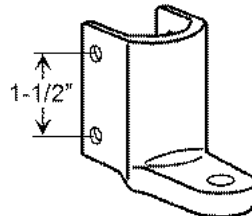
FITS GENERAL

OLD STYLE - PRIOR TO MAY 1989



#14066

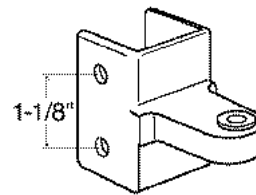
Top Hinge



#14065

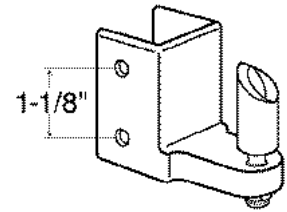
Bottom Hinge

FITS GENERAL



#14272

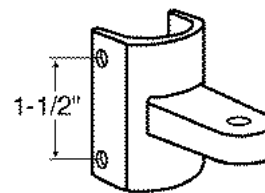
Top Hinge for
1-1/4" Square



#14273

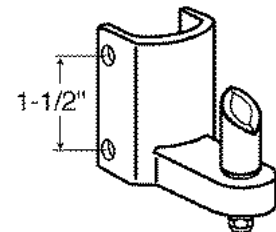
Bottom Hinge for
1-1/4" Square

FITS GLOBAL



#14057

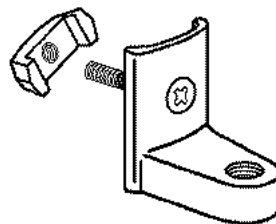
Top Hinge Bracket



#14058

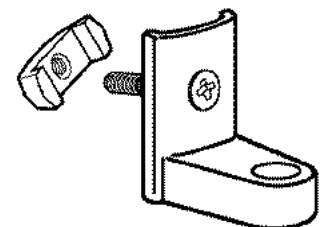
Bottom Hinge with Pintel

FITS HADRIAN



#15600

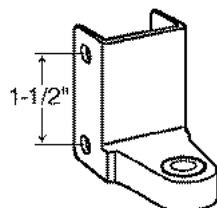
Top Hinge Assembly
with Toggle and Screw



#15457

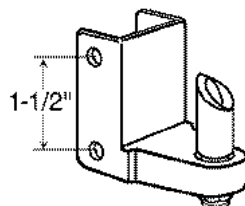
Bottom Hinge Assembly
with Toggle and Screw

FITS GENERAL & KNICKERBOCKER



#11484

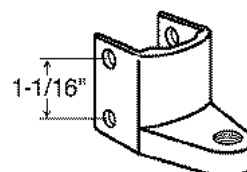
Top Hinge For
1-1/4" Laminate
Uses top pin # 14054



#11084

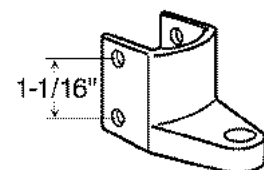
Bottom Hinge For
1-1/4" Laminate
Uses pintel # 14084

FITS HADRIAN



#15683

Top Wrap
Around Hinge
*Uses threaded top pin
15468*



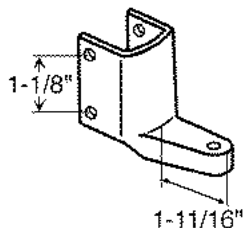
#15684

Bottom Wrap
Around Hinge
Uses pintel # 15456

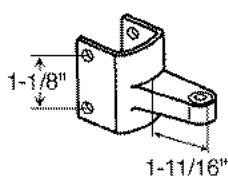


PARTITION HINGES

FITS GENERAL & KNICKERBOCKER

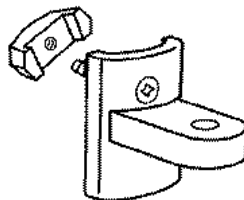


#14061
Bottom Hinge

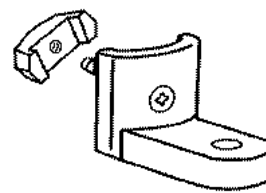


#14062
Top Hinge

FITS SANYMETAL

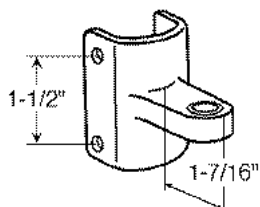


OBSOLETE
USE #01427

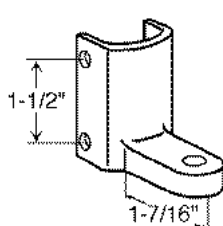


OBSOLETE
USE #01428

FITS METPAR

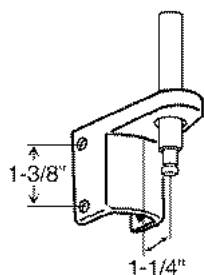


#14067

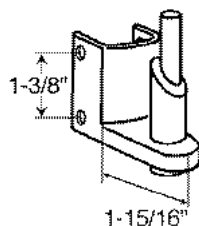


#14068

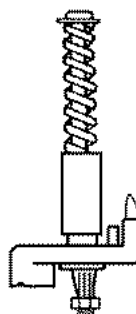
FITS MILLS



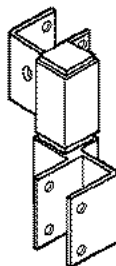
#14064
SET



FITS SANYMETAL



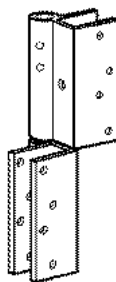
#01420
Bottom Hinge Assembly



OLD STYLE
USE #14300

FOR SANTANA/COMTEC ALUMINUM HINGE SET

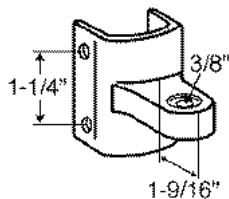
For 1" Door & 1" Pilaster



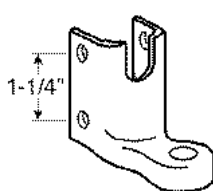
#14300
LH or RH
Inswing or Outswing
Contains 2 Hinges

#14300ADA
For ADA
Contains 3 Hinges

FITS SANYMETAL

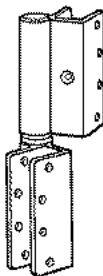


#01427
Top Hinge



#01428
Bottom Hinge

FOR GENERAL PARTITION ALUMINUM WRAP AROUND HINGE SET



#15479
Contains 2 Hinges

#15477
For ADA Door
Contains 3 Hinges

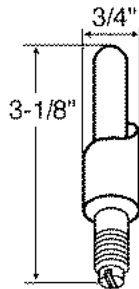
Must Specify
Panel & Door Thickness
and Handing



PARTITION HINGE REPAIR



#14111
PINTEL - 5/16-18 Thread
Fits Weis Robart



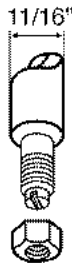
PINTEL - 3/8-16 Thread
Fits Mills Only
ONLY AVAILABLE IN KIT #14064



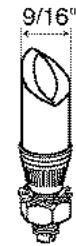
#14225
PINTEL - 5/16-18 Thread
Fits American
Bottom Hinge Male
Plastic 1/2"
2-3/16 Height



#14083
PINTEL - 10/32 Thread
Fits Knickerbocker
& General

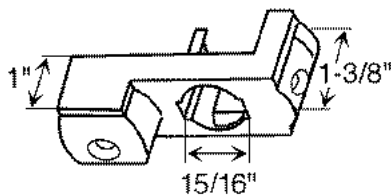


#14084
PINTEL - 5/16-18 Thread
Fits Global & General



#15456
PINTEL - 5/16-18 Thread
Fits Hadrian
Male Cam Assembly

BOTTOM BRACKET



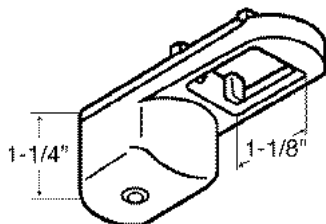
#14118
Fits Knickerbocker

PANEL CONNECTING BRACKET



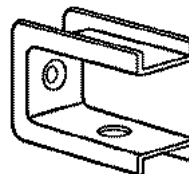
#14194

BOTTOM BRACKET



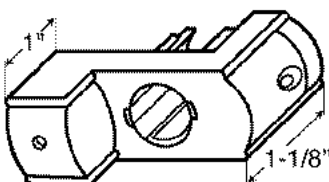
#14119
Fits Global & General
Chrome Plated

TOP HINGE BRACKET



#15504
Fits Global & Bobrick
Chrome Plated

BOTTOM BRACKET



#14163
Fits General
Chrome Plated

**WHEN IN
DOUBT,
SUPPLY A
SAMPLE !**



PARTITION HINGE REPAIR

FITS **SANYMETAL**

#01426

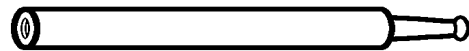
3/8" Diameter
2-1/2" Long



FITS **GENERAL & KNICKERBOCKER**

#14052

1/4" Diameter
2-7/8" Long



FITS **ALL AMERICAN**

#14046

5/16" Diameter
2-13/16" Long



FITS **FLUSH METAL & GENERAL**

#14054

3/8" Diameter
3-1/2" Long



FITS **ACCURATE**

#12702

3/8" Diameter
2-7/8" Long
12/24 Internal Thread



FITS **FLUSH METAL, GENERAL,
GLOBAL, & METPAR**

#14055

3/8" Diameter
3-5/8" Long



FITS **AM. SANITARY, FIAT,
GENERAL, & GLOBAL**

#14051

3/8" Diameter
3" Long



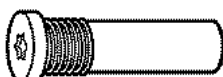
USE #14064



FITS **HADRIAN**

#15468

Nylon Top Pin

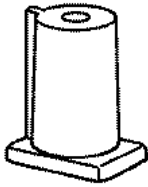


**WHEN IN DOUBT,
SUPPLY A SAMPLE !**



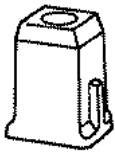
PARTITION HINGE REPAIR

ALL AMERICAN



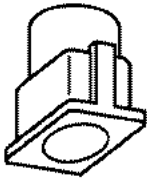
#14224

BOTTOM HINGE FEMALE CAM
Fits # 14225 Pintel



#15459

PLASTIC FEMALE HINGE CAM
Fits # 15456 Pintel
Fits Hadrian



#14164

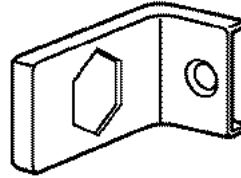
PLASTIC CAM
Fits Global & General



AMEROCK
NO LONGER AVAILABLE

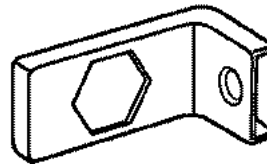


AMEROCK
NO LONGER AVAILABLE



#11439

CAM HOUSING



#11478

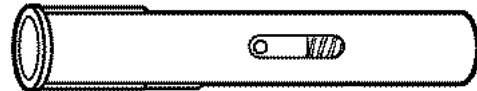
CAM HOUSING

#14153

BOTTOM HINGE FEMALE CAM

Fits Knickerbocker

Used with # 14118 and # 14075



#14154

BOTTOM HINGE CAM

Fits Global & General

Used with # 14119



#14155

BOTTOM HINGE CAM

Fits General

Used with # 14163

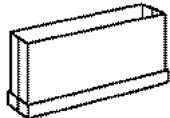


PARTITION PARTS MISC

3" HIGH SHOES

For 1-1/4" Thick Square Cornered Pilaster

(For Rounded Corner Pilaster Shoes, Call For Assistance)

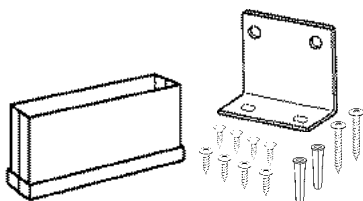


#14166	2"	#14127	7"
#14123	3"	#14128	8"
#14124	4"	#14129	9"
#14125	5"	#14130	10"
#14126	6"	#14131	12"

3" HIGH SHOES WITH ANCHORS, BOLTS, AND SCREWS

For 1-1/4" Thick Square Cornered Pilaster

(For Rounded Corner Pilaster Shoes, Call For Assistance)



#14132	2"
#14133	3"
#14134	4"
#14135	5"
#14136	6"
#14137	7"
#14138	8"
#14140	10"
#14141	12"

SPLIT SQUARE PILASTER SHOES

3" High Shoes For 1-1/4" Thick Pilaster

(Split Pilaster Shoes can be installed after pilaster is installed)

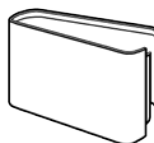


#16367	2"	#16369	8"
#12045	3"	#16370	9"
#12046	4"	#16371	10"
#12047	5"	#16372	11"
#12048	6"	#12049	12"
#16368	7"		

SPLIT ROUNDED PILASTER SHOES

3" High Shoes For 1-1/4" Thick Pilaster

(Split Pilaster Shoes can be installed after pilaster is installed)



#15813	2"	#15308	8"
#15887	3"	#16272	9"
#15888	4"	#15310	10"
#15808	5"	#16366	11"
#15157	6"	#15807	12"
#15847	7"		

ROUNDED PILASTER SHOES

3" High Shoes For 1-1/4" Thick Pilaster

(Split Pilaster Shoes can be installed after pilaster is installed)

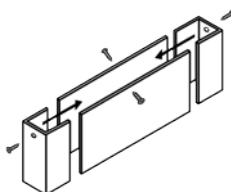


#16373	2"	#16379	8"
#16374	3"	#16380	9"
#16375	4"	#16381	10"
#16376	5"	#16382	11"
#16377	6"	#16383	12"
#16378	7"		

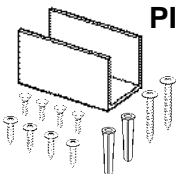
UNIVERSAL STAINLESS STEEL PILASTER SHOE

#16384

For 1-1/4" plastic laminate.
Can be cut to size up to 10".



PILASTER MOUNTING BRACKET FOR 1-1/4" THICK PILASTER

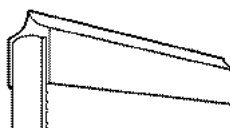


#14157	For 2" to 4"
#14158	For 4" to 7"
#14159	For 8" and up

#15224

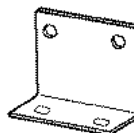
Anti-Grip Headrail
Supplied by the Foot

Other styles available
Upon request



FLOOR PLATE FOR PILASTER SHOE

GALVANIZED STEEL

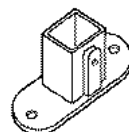
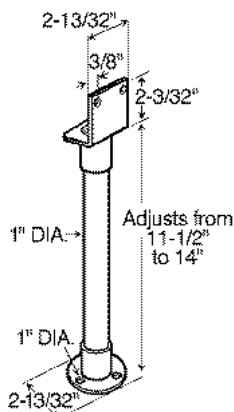


#14142	2"	#14146	8"
#14143	3"	#14147	10"
#14144	4"	#14148	12"
#14145	6"		

PILASTER SUPPORT BRACKET

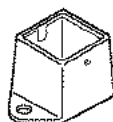
#16412

For Ceiling Hung
Pilasters



#14150

Chrome Pilaster Post Shoe
1-1/4"



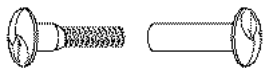
#14151

Chrome Pilaster Post Shoe
1-3/4"



PARTITION FASTENERS

ONE WAY 2 PC. SEX BOLTS 10/24 THREAD



- #65159 Fits 1" Thickness
#65160 Fits 1-1/4" Thickness
#65176 Fits 1-1/2" Thickness

ONE WAY 2 PC. SEX BOLT WITH BLIND BARREL NUT 8/32 THREAD



- #65184
Fits 1-1/4" Thickness.
Used With #01440 Slide Latch

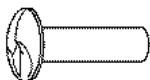
- # 65239
Female Bolt Only

ONE WAY MALE SHOULDER BOLTS 10/24 THREAD



- #65177 3/4
#65178 15/16
#65179 1-1/16
#65180 1-5/16
#65181 1-1/2

ONE WAY FEMALE BARREL NUT 10/24 THREAD



- #65182 1/2
#65183 5/8

THREADED STUD CHROME PLATED



- #65138 10-24 x 1/2
#65139 10-24 x 3/4
#65140 10-24 x 7/8
#65141 10-24 x 1-1/8
#65142 10-24 x 1-3/8
#65143 10-24 x 1-1/2
#65144 10-24 x 1-15/16

MISCELLANEOUS PHILLIPS HEAD SCREWS CHROME PLATED



- | | | |
|--------|------------|-----|
| #65145 | 10 x 3/4 | Pan |
| #65148 | 12 x 5/8 | Pan |
| #65152 | 12 x 1-1/2 | Pan |
| #65153 | 12 x 2 | Pan |
| #65154 | 14 x 5/8 | Pan |
| #65155 | 14 x 1 | Pan |
| #65158 | 14 x 1-3/4 | Pan |
| #65174 | 14 x 2 | Pan |
| #65175 | 14 x 2-1/2 | Pan |
| #65161 | 14 x 3 | Pan |

TORX HEAD SHOULDER SCREW



- | | | |
|-----------|----------|--------------|
| #50300384 | 15/16"M | w/ctr. pin |
| #50300385 | 3/4" M | w/ctr. pin |
| #50300386 | 1-5/16"M | w/ctr. pin |
| #50300387 | 15/16"M | w/o ctr. pin |
| #50300388 | 1-5/16"M | w/o ctr. pin |

TORX HEAD BARREL NUT



- | | | |
|-----------|-------|------------|
| #50300389 | 5/8"F | w/ctr. pin |
| #50300391 | 1/2"F | w/ctr. pin |

TORX HEAD SECURITY SCREW



- | | | |
|-----------|-------|------------|
| #50300392 | 5/8"M | w/ctr. pin |
|-----------|-------|------------|

ONE WAY SHEET METAL SCREWS CHROME PLATED



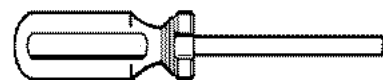
- | | | |
|--------|------------|-------|
| #65105 | 6 x 3/8 | Round |
| #65101 | 6 x 1/2 | Round |
| #65102 | 6 x 3/4 | Round |
| #65103 | 6 x 1 | Round |
| #65107 | 8 x 3/8 | Round |
| #65104 | 8 x 1/2 | Round |
| #65106 | 8 x 1 | Round |
| #65108 | 10 x 3/8 | Round |
| #65112 | 10 x 5/8 | Round |
| #65109 | 10 x 3/4 | Round |
| #65110 | 10 x 1 | Round |
| #65115 | 12 x 5/8 | Pan |
| #65118 | 12 x 1-1/2 | Pan |
| #65114 | 14 x 1/2 | Pan |
| #65119 | 14 x 5/8 | Pan |
| #65116 | 14 x 1 | Round |
| #65121 | 14 x 1-1/4 | Round |
| #65117 | 14 x 1-1/2 | Round |
| #65122 | 14 x 2 | Round |
| #65123 | 14 x 2-1/2 | Round |

TAMPERPROOF TORX BIT #27



#71277

ONE WAY SCREW REMOVER



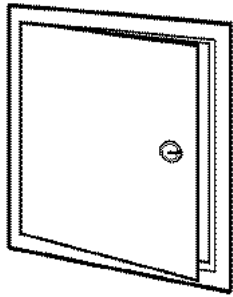
THE ORIGINAL TOOL TO REMOVE THOSE
DIFFICULT ONE-WAY SCREWS!

- #65187 6-8
#65188 10-12 (Most common)
#65189 14 (1/4)
#65186 Set of above three

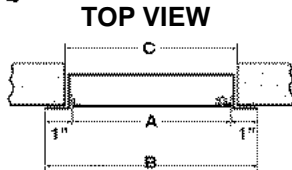
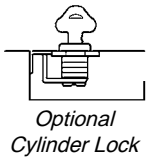


LOUVRES & ACCESS PANELS

FLUSH MOUNTED ACCESS PANELS

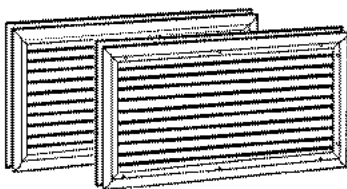


- 14 Gauge steel
- Allows fast and convenient access to plumbing, heating, or electrical systems
- Supplied with screwdriver cam lock
- One inch frame adds rigidity and hides rough wall openings
- Door opens 175° for ease of inspection
- Can use nuts, bolts, or masonry anchors to fasten door to wall



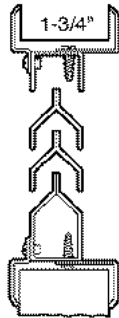
PART #	A DOOR SIZE	B OUTSIDE FRAME DIMENSION W x H	C WALL OPENING DIMENSION W x H
#10443	8" x 8"	10" x 10"	8-3/8" x 8-3/8"
#10444	8" x 12"	10" x 14"	8-3/8" x 12-3/8"
#10445	10" x 10"	12" x 12"	10-3/8" x 10-3/8"
#10446	12" x 12"	14" x 14"	12-3/8" x 12-3/8"
#10447	12" x 16"	14" x 18"	12-3/8" x 16-3/8"
#10448	12" x 18"	14" x 20"	12-3/8" x 18-3/8"
#10449	12" x 24"	14" x 26"	12-3/8" x 24-3/8"
#10450	14" x 14"	16" x 16"	14-3/8" x 14-3/8"
#10451	16" x 16"	18" x 18"	16-3/8" x 16-3/8"
#10452	16" x 20"	18" x 22"	16-3/8" x 20-3/8"
#10453	18" x 18"	20" x 20"	18-3/8" x 18-3/8"
#10454	20" x 24"	22" x 26"	20-3/8" x 24-3/8"

LOUVRES FOR INTERIOR DOORS



Front View Models

No exposed screws. The front frame is screw attached to the louver core with concealed screws.



- Fits 1-3/4" doors
- Suitable for wood or metal doors
- 18 Gauge steel
- Non-vision 2 piece design for mounting on either side of door
- Primed & ready to paint

**Specify Exact
Opening In Door
When Ordering !**

**Custom Made To
Your Specs !**

CHALKBOARD

DISPLAY RAIL WITH CORK INSERT



#10850 1"

#10851 2"

Sold by the foot. Custom lengths available.



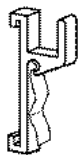
#10431

Hook For 2" Display Rail



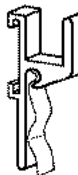
#10432

Hook For 1" Display Rail



#10433

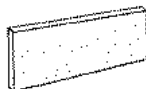
Combination Hook &
Holding Clip For
2" Display Rail



#10434

Combination Hook &
Holding Clip For
1" Display Rail

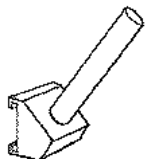
REPLACEMENT CORK FOR DISPLAY RAILS



#10435 For 1" Rails

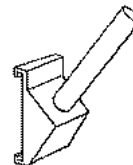
#10436 For 2" Rails

Sold By The Foot



#10437

Flagpole Holder For
1" Display Rail



#10438

Flagpole Holder For
2" Display Rail



#10439

Surface Mounted
Flagpole Holder

CHALK TRAY MOUNTING CLIPS



#10014 Large



#10015 Small

Chalk Rail Also Available

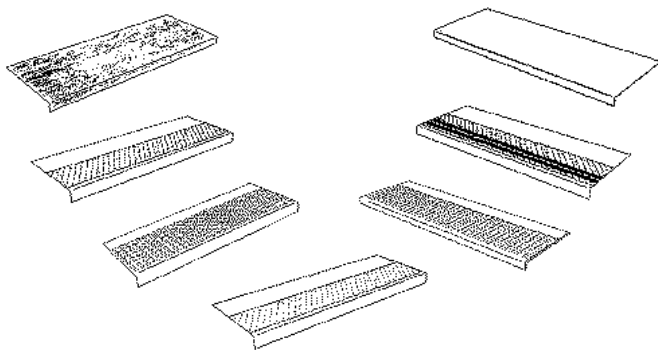


STAIR TREADS

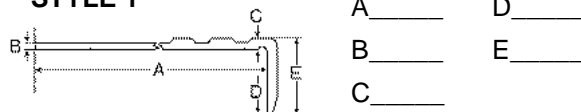
MANY TYPES AND
STYLES AVAILABLE !

CALL FOR ASSISTANCE !

SAMPLE REQUIRED
FOR COLOR MATCHING.

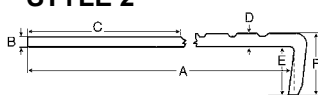


STYLE 1



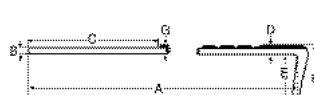
A _____ D _____
B _____ E _____
C _____

STYLE 2



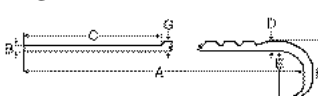
A _____ D _____
B _____ E _____
C _____ F _____

STYLE 3



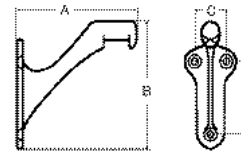
A _____ E _____
B _____ F _____
C _____ G _____
D _____

STYLE 4

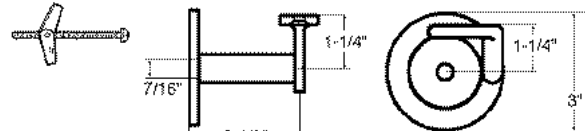


A _____ E _____
B _____ F _____
C _____ G _____
D _____

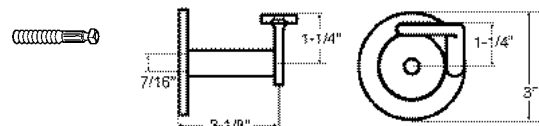
HANDRAIL BRACKETS



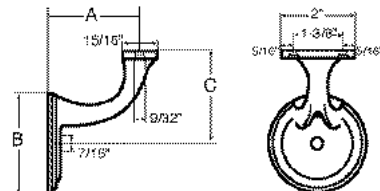
PART #	A	B	C	D	FINISH
#10899	3"	2-7/8"	1-3/8"	1-5/8"	Aluminum
#10900	3-1/4"	3-9/16"	15/16"	2-1/16"	Aluminum
#10901	3-5/16"	3-7/16"	13/16"	2-1/16"	Dull Chrome



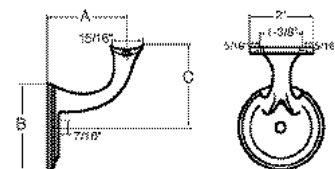
PART #	BASE	BASE TO CENTER OF RAIL	FINISH
#10902	3" DIA	3-1/8"	Aluminum



PART #	BASE	BASE TO CENTER OF RAIL	FINISH
#10903	3" DIA	3-1/8"	Aluminum
#10904	3" DIA	3-1/8"	Dull Chrome

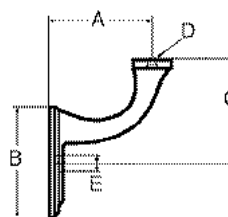


PART #	A	B	C	FINISH
#10909	2-1/2"	2-3/4"	2-1/4"	Cast Iron
#10910	3"	3-1/4"	2-1/4"	Cast Iron



PART #	A	B	C	FINISH
#10911	2-1/2"	2-3/4"	2-1/4"	Cast Iron
#10912	3"	3-1/4"	2-1/4"	Cast Iron

TELL US YOUR SPECIFICATIONS FOR RESEARCH AND I.D.



A _____ D _____
(Flat Or Round
Mounting Surface)
B _____ E _____
(Hole Size)
C _____ F _____
(Material & Finish)



HOOKS



ALUMINUM MATERIAL

#10302

Polished Brass

#10303

Aluminum

SOLID BRASS MATERIAL

#10304

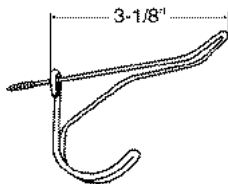
Polished Brass

#01205

Polished Chrome

#01206

Dull Chrome



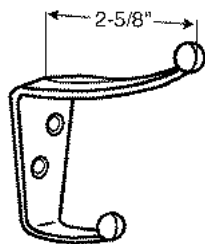
STEEL MATERIAL

#10315

Brass

#10316

Zinc



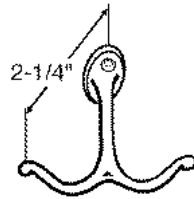
ALUMINUM MATERIAL

#01195

Chrome

#01196

Brass



ALUMINUM MATERIAL

#01199

Aluminum

#10394

Brass

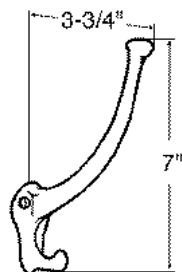
SOLID BRASS MATERIAL

#10308

Polished Brass

#10395

Polished Chrome



ALUMINUM MATERIAL

#01197

Brass

#01198

Aluminum

SOLID BRASS MATERIAL

#10317

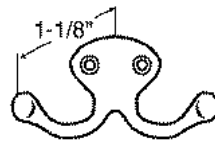
Polished Brass

#10318

Dull Chrome

#10319

Polished Chrome



ALUMINUM MATERIAL

#10305

Brass

#10306

Aluminum

SOLID BRASS MATERIAL

#10307

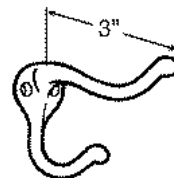
Polished Brass

#01203

Polished Chrome

#01204

Dull Chrome



ALUMINUM MATERIAL

#05602

Brass

#05603

Dull Chrome

*For Commercial,
Institutional
& Residential Use*

SOLID BRASS MATERIAL DECORATIVE FINISH

#10297

Polished Brass

#10298

Chrome

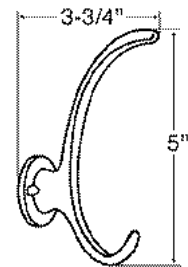
*For Heavy Duty, Decorative,
Commercial, & Residential Use*

TRACK HANGER HOOK

#11141



*For hanging items
from ceiling tile track*



ALUMINUM MATERIAL

#10309

Antique Brass

#10310

Polished Brass

#10311

Polished Chrome

SOLID BRASS MATERIAL

#10312

Antique Brass

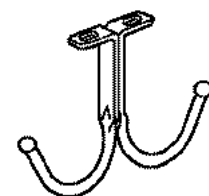
#10313

Polished Brass

#10314

Polished Chrome

LOCKER HOOKS



#04016

Double Prong
Ceiling Hook

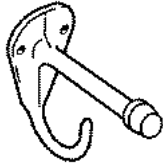


#04015

Single Prong
Side Hook

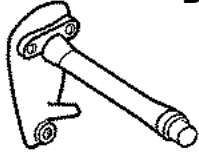


BUMPERS, HOOKS & PULLS



BUMPER HOOK

#01443
New Style - Chrome
3" Projection
15/16" Centers



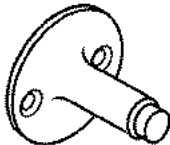
BUMPER HOOK

#01439-S
Old Style - Chrome
3-3/8" Projection
7/8" Centers



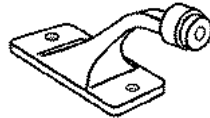
DOUBLE HOOK

#14039
Chrome
3/4" Centers



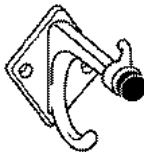
WALL BUMPER

#14036
Chrome
1-7/8" Projection
1-5/8" Centers



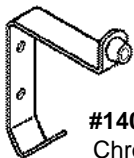
DOOR BUMPER - PILASTER MOUNTED

#14037
Prevents Overswing
of Door - Chrome



BUMPER HOOK

#14038
Old Style - Chrome
1-1/8" Centers

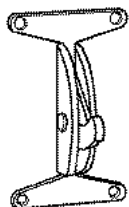


#14041
Chrome



**NO LONGER
AVAILABLE**

BUMPER HOOKS



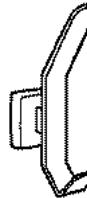
SECURITY CLOTHES HOOK

#16128
Bracket made of 11 gauge stainless, hook is 7 gauge, type 304 stainless steel with satin finish. If hook is excessively loaded, it will snap down for safety. Unit has four holes through flange for front mounting. Overall Size: 3" x 5" x 3 1/16" projection. Wall plate has 4 mounting holes for 1/4-20 button head pin- Torx® machine screws (supplied).

SURFACE-MOUNTED DOUBLE ROBE HOOK

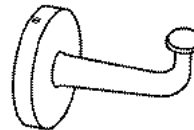


#15579
Bright Polished or
Satin-Finish

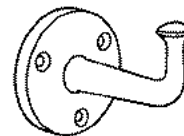


SURFACE-MOUNTED HAT AND COAT HOOK

#15399
Stainless Steel
Satin Finish



#14212
Heavy Duty Stainless Steel Hook
with Concealed Mounting

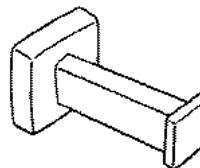
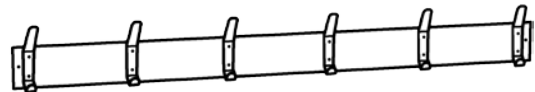


#14259
Heavy Duty Stainless Steel
Wall Hook

5' TOWEL HOOK STRIP WITH 6 HOOKS

#16283

*Other Sizes
Available*



#11947
Satin Stainless Steel
Towel Pin



DOOR PULL

#14043
Chrome
2-3/4" C x C



DOOR PULL

#14044
Chrome
3-1/2" C x C

#14122
Chrome
4" C x C



SOAP DISPENSER PARTS

SOAP DISPENSER BOTTLES



#11121

16 oz.

Fits ASI and A&J



#11119

32 oz.

Fits ASI and A&J



#15267

16 oz.

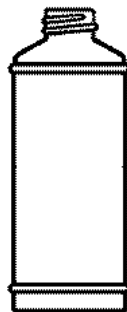
Fits Bradley



#11518

32 oz.

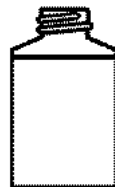
Fits Bradley



#11184

34 oz.

Fits Bobrick

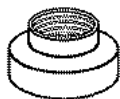


#11402

20 oz.

Fits Bobrick

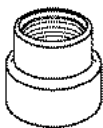
SOAP BOTTLE ADAPTERS



#14238

White Plastic

Fits **#11119** 32oz. Bottles
ASI and A&J



#11486

White Plastic

Fits **# 15267**
Bradley



#11279

Black Plastic

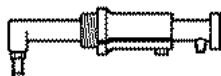
Fits **# 11184** 32oz. Bottle
Bobrick

SOAP DISPENSER VALVES

ASI

BOBRICK

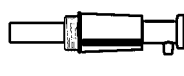
Bradley



#11111



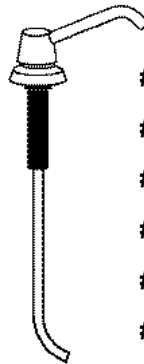
#11107



#15737

Other manufacturers available on request

SOAP PUMP ASSEMBLY



#55458

4" SPOUT

FITS BOBRICK

#14247

6" SPOUT

FITS BOBRICK

#81745

4" SPOUT

FITS ASI

#16040

6" SPOUT

FITS ASI

#81744

4" SPOUT

FITS A&J

#15822

6" SPOUT

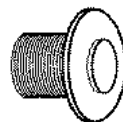
FITS A&J

SOAP DISPENSER WINDOWS/EYES



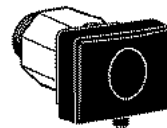
#11803

Rectangular with Nut
Fits Bobrick



#11108

Round with O-Ring
Fits ASI, A&J, & Bobrick



#11418

Push Button Valve
Replacement Kit
Fits Bobrick Soap Dispenser

SOAP DISPENSER KEYS



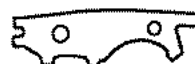
#14237

Fits ASI and A&J



#15654

Fits Bobrick



#11522

Fits Bobrick

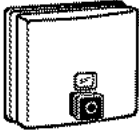


WASHROOM

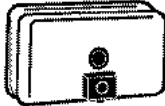
BOBRICK

SURFACE MOUNTED SOAP DISPENSERS

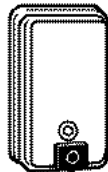
- Stainless Steel
- 40 fl. oz. Fill Capacity
- Satin Finish
- Uses Liquid Soaps



#11104



#15606



#15627

BOBRICK



LAV MOUNTED SOAP DISPENSER

#01599

34 fl. oz. Capacity
4" Spout

Our Top Seller!

BOBRICK



LAV MOUNTED SOAP DISPENSER

11188

34 fl. oz. Capacity
6" Spout

BOBRICK



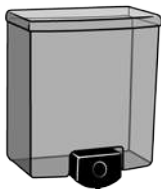
LAV MOUNTED SOAP DISPENSER **#15499**

Corrosion resistant soap dispenser has vandal-resistant locking cover and free-turning spout. Body and shank are high-impact-resistant ABS plastic with a shatter-resistant polyethylene container. 20-fl. oz. capacity, 6" spout length, 1" mounting thickness, bright-polished spout.

BOBRICK

CLASSIC SERIES® (VIEW ALL) SURFACE-MOUNTED SOAP DISPENSER

#15369 (Budget)

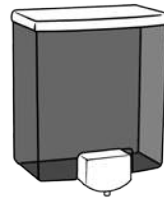


All-black. Valve dispenses all-purpose soaps. Vandal-resistant lid has keyless locking device, pivots up for easy top filling. Translucent container provides visible soap level. Capacity: 40-fl oz. Concealed wall/mirror mounting, removable for cleaning. Unit 5-13/16" W, 6-7/8" H; wall to push-button, 3-3/16".

BOBRICK

CLASSIC SERIES® (VIEW ALL) SURFACE-MOUNTED SOAP DISPENSER

#11468 (Budget)

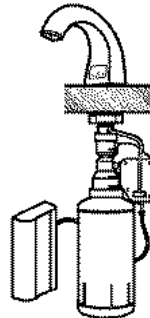


Two-tone black and grey. Valve dispenses all-purpose soaps. Vandal resistant lid has keyless locking device, pivots up for easy top filling. Translucent container provides visible soap level. Capacity: 40-fl oz. Concealed wall/mirror mounting, removable for cleaning. Unit 5-13/16" W, 6-7/8" H; wall to push-button, 3-3/16".

TC

HANDS FREE LAV MOUNTED SOAP DISPENSER

#15503



- Battery Operated
- Chrome Plated
- Controls soap use - Save \$\$\$
- Reduce labor - 1000 hand washes per refill
- Promotes cleanliness
- Three different soap options
- Fits existing opening in sinks

#79034CS

LOTION SOAP W/ MOISTURIZER

Bradley

SPOUT PUMP SOAP DISPENSER

#11821



- Pump Type Valve
- 3-1/2" Spout
- 16 oz. Capacity
- ADA Compliant

Bradley

4" SPOUT PUMP SOAP DISPENSER

#SP5301



- Pump Type Valve
- 4" Spout
- 32 oz. capacity
- ADA Compliant
- Stainless Steel piston and spout
- 4-3/4" Shank length
- Liquid Soap

#16385

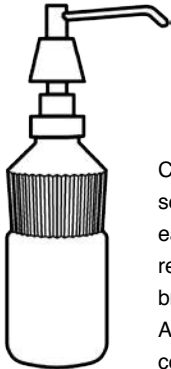
Same as above with 16 oz. capacity



WASHROOM

LAVATORY MOUNTED ALL PURPOSE SOAP DISPENSER

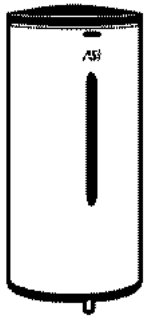
ASI



#16057 - 4" Spout Length

#16003 - 6" Spout Length

Corrosion-resistant valve dispenses viscous lotion soaps and synthetic detergents. Fills from top for ease of maintenance. Free turning spout is vandal resistant. Spout and stem are stainless steel with bright finish. Escutcheon is chrome-plated brass. Adjustable threaded shank allows for installation in counter tops up to 3-1/2" thick through 7/8" diameter hole. Capacity: 34 oz.

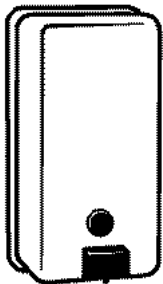


ASI

SURFACE MOUNTED AUTOMATIC SOAP DISPENSER

#16109

Stainless steel, satin finish, proximity sensor, battery operated. Tamper-resistant soap level viewing window, removable lid with special lock and key. Capacity: 35 fluid ounces. Overall Size: 4-7/16" x 9-1/4" x 4-7/8"



ASI

SURFACE MOUNTED VERTICAL SOAP DISPENSER

#01558

Capacity: 40 fluid ounces.

AJW
AJW Washroom Accessories



VANITY MOUNTED SOAP DISPENSER

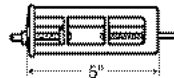
#15992

Capacity: 34 oz. Spout Length: 4"

#15732

Capacity: 34 oz. Spout Length: 6"

TOILET TISSUE ROLLERS



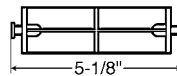
#11092

Various



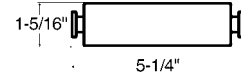
#11095

Bobrick



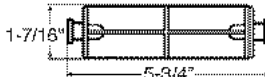
#11331

ASI
All Plastic



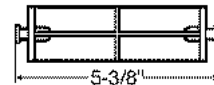
#14227

Bradley



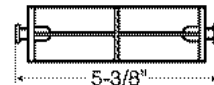
#11096

Bobrick



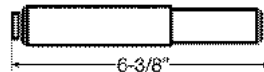
#11094

A&J - Metal Tips



#11097

ASI - Metal Tips

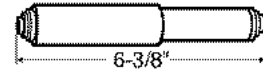


#01297

Grey Plastic - 5/8" Ends

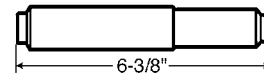
#11093

CP Plastic - 5/8" Ends



#01299

White Plastic - Fits Most



#01298

Chrome - 5/8" Ends

- A & J
- AMERICAN
- BOBRICK
- BRADLEY
- FRANKLIN
- HOSPECO
- AND MORE !

TOILET TISSUE HOLDERS



#01303

Double Holder



#01302

"Deluxe" Double Holder



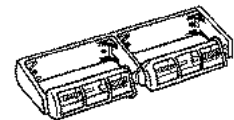
#01295

"Deluxe"
Paper Holder



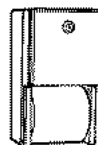
#01294

Single
Tissue Holder



#01301

"Control-o-Roll"
Double Holder



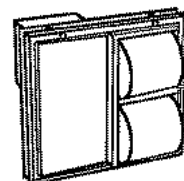
#11103

Multi-Roll
Stainless Steel
Paper Dispenser
Surface Mount



#01296

"Control-o-Roll"
Paper Holder



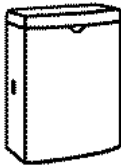
#11178

Two Compartment
Stainless Steel
Multi-Roll Paper
Dispenser Fits Toilet
Partition Panels



WASHROOM

NAPKIN DISPOSAL



#11088

Stainless Steel

#11317

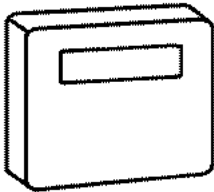
Grey ABS Plastic

#11073

Disposal bags - 1000 ct.

BOBRICK

TOILET SEAT COVER DISPENSER



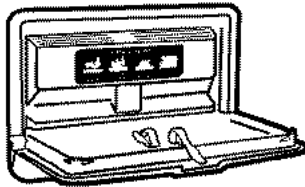
#11173

Stainless Steel

#SP2053

Grey ABS Plastic

BOBRICK



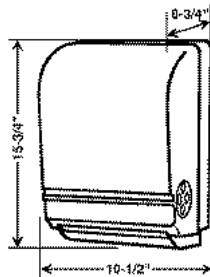
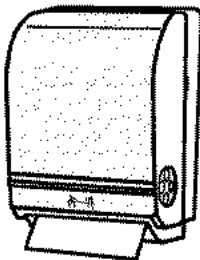
#15277

DIAPER CHANGING STATION

Other styles available on request

BOBRICK

#15678 HANDS-FREE TOWEL DISPENSER



- Dispenses most non-perforated roll towels up to 8" in diameter and 8" wide.
- Autocut mechanism provides user with an 11" sheet.
- Also features an emergency paper feed.
- Transfer system allows complete usage of stub rolls up to 2-3/4" diameter.
- 20 gauge steel back with transparent cover.
- Heavy duty lock with standard metal key.
- Requires four D batteries to operate.

SLOAN SCENTED URINAL SCREENS

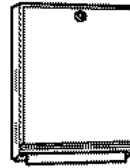
One-Year Supply - Four Per Box

SLOAN
HEALTHminder.



PART#	COLOR	SCENT
#08989	Sky Blue	Fresh Outdoors
#08990	Aqua Blue	Fresh Linens
#08991	Dark Green	Odor Neutralizer

Long Lasting Scents!

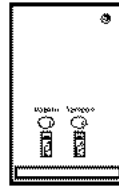


#14195

SURFACE MOUNTED PAPER TOWEL DISPENSER

- Stainless Steel
- Satin Finish
- Multi-Fold or C-fold

BOBRICK



TAMPON / NAPKIN DISPENSERS

I.P.S. supplies recessed and surface mounted dispensers to fit all of your requirements.

CALL FOR ASSISTANCE!

SLOAN. HAND SANITIZER DISPENSER #08961 SANITIZER REFILL CASE OF 6 #08962



- Automatically delivers a pre-measured, wide pattern of mist to ensure full hand coverage
- Hands-free operation promotes hygiene
- Attaches to any wall in minutes
- Uses four AA batteries, sold separately
- See-through cover allows easy check of sanitizer levels



CONVENIENT TRANSPORTABLE DISPENSER STAND #82116

- Stand can be easily moved as needed.
- Place in conference rooms, auditoriums, gyms, meeting areas, near entrances and exits, or other areas where frequent contact takes place.
- Portability allows for maximum protection.

TC

#79523 PROGRAMMABLE AIR FRESHENER DISPENSER - WHITE



- Programs to any schedule
- Long-lasting fresh fragrance
- 3000 metered sprays per can saves \$\$\$
- 3 times more powerful

AEROSOL SCENTS - CASE QUANTITIES OF 12

#79519	Linen Fresh	#79528	Country Garden
#79526	Orchard Fields	#79529	Ocean Breeze
#79527	Mountain Peaks		

#11674 URINAL MAT Antimicrobial Floor Protector



- Eliminates odor and protects tile and grout from urine stains.
- Reduces maintenance, labor costs, and slip and fall liability.
- The Timestrip® (time in service monitor) indicates how long the mat has been in place, and lasts up to 30 days depending on traffic volume.

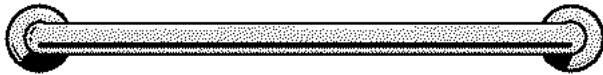


A.D.A. WASHROOM



STRAIGHT GRAB BARS

#14169 12", Exposed Flange	#11323 12", Concealed Flange
#14235 18", Exposed Flange	#14235-C 18", Concealed Flange
#01950 24", Exposed Flange	#01950-C 24", Concealed Flange
#01951 30", Exposed Flange	#01951-C 30", Concealed Flange
#14168 32", Exposed Flange	#14168-C 32", Concealed Flange
#01952 36", Exposed Flange	#01952-C 36", Concealed Flange
#01953 42", Exposed Flange	#01953-C 42", Concealed Flange



MANY OTHER CUSTOM TYPES & SIZES AVAILABLE
CALL US - WE CAN DO IT!

MIRRORS

STAINLESS STEEL CHANNEL FRAME MIRROR

#03500	16" x 20"
#03501	18" x 24"
#03502	24" x 30"

MIRROR WITH SHELF

#03503	16" x 20"
#03504	18" x 24"
#03505	24" x 30"

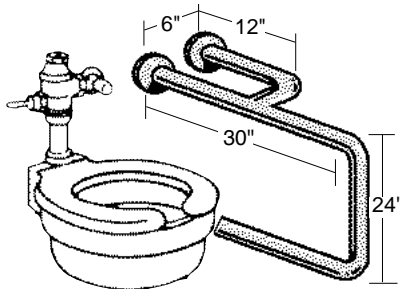
ADA TILTED MIRROR

#03506	16" x 30"
#03507	18" x 30"



CUSTOM SIZES AND ALL STAINLESS AVAILABLE ON REQUEST

CLOSET BAR WITH OUTRIGGER



RIGHT HAND SHOWN

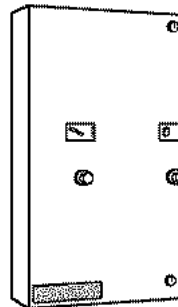
#01962 Exposed Flange Left	#01963 Exposed Flange Right	#01962-C Concealed Flange Left	#01963-C Concealed Flange Right
--	---	--	---

SURFACE-MOUNTED NAPKIN/TAMPON DISPENSER

#11089

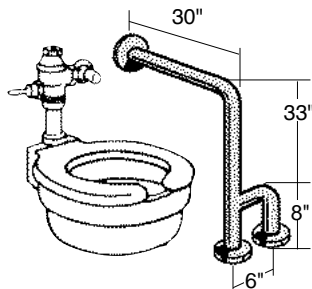
WITH .25¢ MECHANISM

BOBRICK



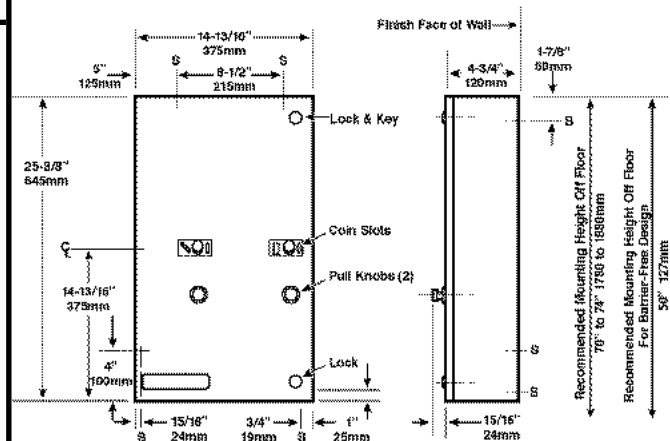
Coin mechanisms can be converted in the field to any standard coin denomination with out having to purchase new coin mechanisms (no-coin, single-coin, or double-coin operation). Coinage is designated by symbols on metal plate, which can be changed only from inside the door. Designer's Note: If change of coin denomination is desired after installation, order Bobrick Coin Plate Replacement Kit for the desired coinage.

WALL TO FLOOR W/ OUTRIGGER



RIGHT HAND SHOWN

#01968 Exposed Flange Left	#01969 Exposed Flange Right	#01968-C Concealed Flange Left	#01969-C Concealed Flange Right
--	---	--	---

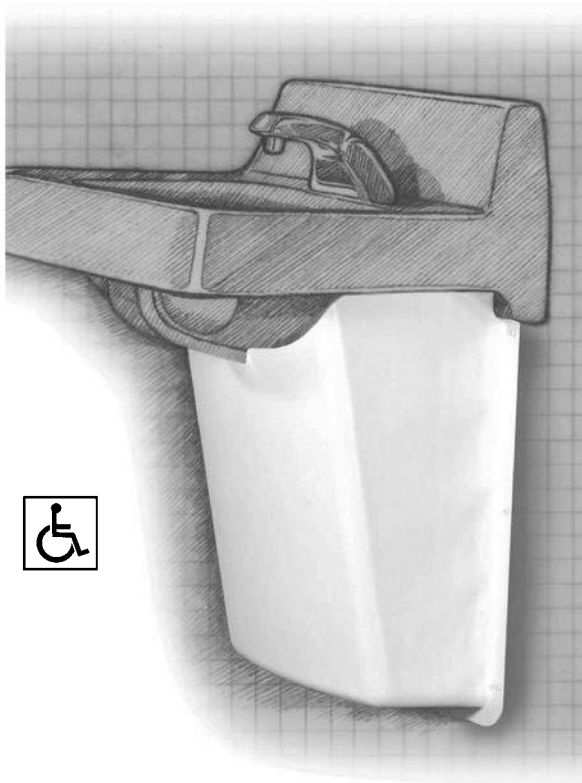


OTHER COIN DIMENSIONS AVAILABLE ON REQUEST.
RECESSED UNITS AVAILABLE.
CALL FOR ASSISTANCE.



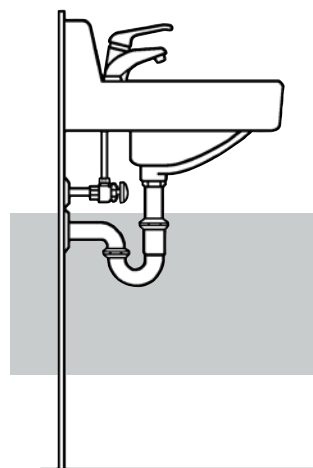
LAV SHIELDS

LAV SHIELD® PROVIDES UNDER SINK PROTECTION!

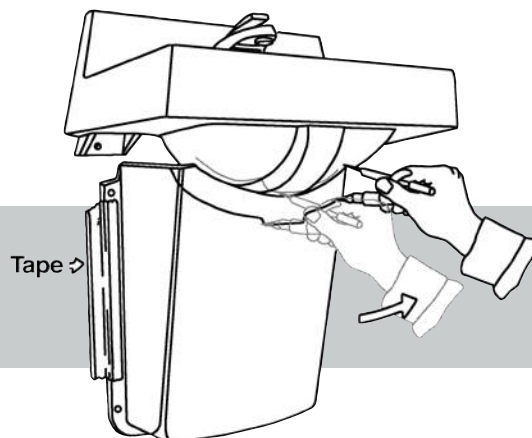


- Meets requirements for wheelchair accessibility.
- Conceals piping and drain connections.
- Total enclosure resists tampering.
- Pre-cut to fit various manufacturers' models.
- Field adjustment may be needed for exact fit.
- Durable, high-impact UV-protected vinyl.
- Single-piece configuration for easy service.

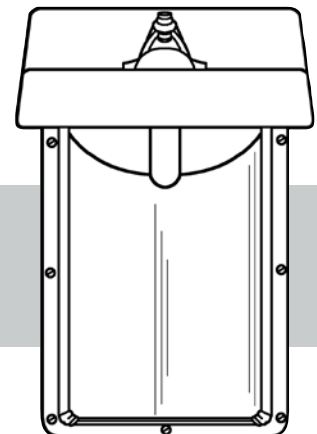
- | | |
|---------------|-----------------------------------|
| #83314 | Tamperproof |
| #83315 | Cut to fit A/S Lucerne |
| #83316 | Cut to fit Eljer Signature |
| #83317 | Cut to fit Kohler Kingston |
| #83318 | Cut to fit Toto LT307 |



Without Cover



Easy to Install



Finished Installation



HAND DRYERS



PORCELAIR HAND DRYER

- Quick dry – Under 30 seconds
- Hands free



110/120 Voltage

#16141	(0141-01)	White
#16141G	(0141-40)	Grey
#16141B	(0141-41)	Black
#16141A	(0141-11)	Almond

208/240 Voltage

#16141-208	(0144-01)	White
#16141-208G	(0144-40)	Grey
#16141-208B	(0144-41)	Black
#16141-208A	(0144-11)	Almond



TURBO-DRI™ HIGH SPEED HAND DRYER

- Quick dry – Under 12 seconds
- Hands free
- Stainless Steel



120 Volt

#16354	(0197-01)	White
#16354BS	(0185-92)	Bright Stainless
#16354F	(0185-93)	Satin Finish

240 Volt

#16341	(0197-2-01)	White
#16341BS	(0185-2-92)	Bright Stainless
#16341F	(0185-2-93)	Satin Finish



ROVAL™ STEEL COVER HAND DRYER WITH PORCELAIN ENAMEL FINISH

- Quick dry – Under 25 seconds
- Hands free



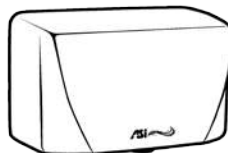
Universal 100 to 240 Voltage

#16176	(0185-01)	White
#16176G	(0185-40)	Grey
#16176B	(0185-41)	Black
#16176A	(0185-11)	Almond
#16176BS	(0185-92)	Bright Stainless
#16176A	(0185-11)	Satin Stainless



TURBO-DRI™ SURFACE-MOUNTED HIGH SPEED HAND DRYER

- Quick dry – Under 15 seconds
- Hands free
- Stainless Steel



110/120 Volt

#16416	(0188-1-01)	White
#16416BS	(0188-1-92)	Bright Stainless
#16416F	(0188-1-93)	Satin Finish

208/240 Volt

#16416-240V	(0188-2-01)	White
#16416-240BS	(0188-2-92)	Bright Stainless
#16416-240F	(0188-2-93)	Satin Finish



PROFILE™ COMPACT HAND DRYER

- Quick dry – Under 30 seconds
- Hands free
- Cast Aluminum



Universal 100 to 240 Voltage

#11738	(0165-01)	White
#11738G	(0165-40)	Grey



TURBO-DRI™ HIGH SPEED HAND DRYER

- Quick dry – Under 25 seconds
- Hands free
- Cast Iron with Porcelain Finish



Universal 100 to 240 Voltage

#16417	(0195-01)	White
#16417B	(0195-41)	Black
#16417A	(0195-11)	Almond



TRI-UMPH™ HIGH SPEED HAND DRYER

- Quick dry – Under 12 seconds
- Hands free
- Ultra Hygienic Filter
- Molded ABS w/ simulated Stainless Steel Finish
- No water splash-back



110/120 Volt

#16418	(20200-1)	Grey/Black
--------	-----------	------------

208/240 Volt

#16418-208V	(20200-2)	Grey/Black
-------------	-----------	------------

277 Volt

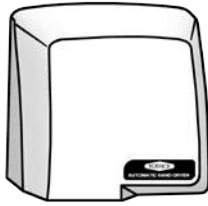
#16418-277V	(20200-3)	Grey/Black
-------------	-----------	------------



HAND DRYERS



SURFACE-MOUNTED AUTOMATIC HAND DRYER (Budget)



- Molded ABS
- Hands free

115 Volt

#SP6264 (B-710) Pale Grey



ECLIPSE® SURFACE-MOUNTED AUTOMATIC HAND DRYER



- Enamel and Steel
- Hands free

115 Volt

#14035 (B-740) White Vitreous Enamel Cover

#15811 (B-748) Chrome-Plated Cover

208-240 Volt

#14035-240V (B-740) White Vitreous Enamel Cover

#15811-208V (B-748) Chrome-Plated Cover



TRIMLINE™ SURFACE-MOUNTED ADA HAND DRYER



- 4" Thick and 13" Square
- Hands free

115 Volt

#SP8848 (B-7120-115V) White Painted Cover

#16419 (B-7128-115V) Stainless Steel Cover

208 Volt

#SP8848-208V (B-7120-208V) White Painted Cover

#16419-208V (B-7128-208V) Stainless Steel Cover



XLERATOR® HAND DRYER

110/120 Volt

#15996 (XL-W-110/120) White

#16423 (XL-C-110/120) Chrome

#15997 (XL-GR-110/120) Graphite

#16424 (XL-SB-110/120) Brushed SS

208 Volt

#16425 (XL-W-208) White

#16426 (XL-C-208) Chrome

#16427 (XL-GR-208) Graphite

#16145 (XL-SB-208) Brushed SS

220/240 Volt

#16428 (XL-W-220/240V) White

#16429 (XL-C-220/240V) Chrome

#16430 (XL-GR-220/240V) Graphite

#16431 (XL-SB-220/240V) Brushed SS

277 Volt

#58680 (XL-W-227V) White

#16420 (XL-C-227V) Chrome

#16421 (XL-GR-227V) Graphite

#16422 (XL-SB-227V) Brushed SS



XLERATOR® HAND DRYER



- Hands free
- Die Cast

110/120 Volt

#16234 (HO-IW-110/120V) White

#16234CP (HO-IC-110/120V) Chrome

208/240 Volt

#16234-208V (HO-IW-208/230V) White

#16234-208VCP (HO-IC-208/230V) Chrome

277 Volt

#16234-227V (HO-IW-227V) White

#16234-227VCP (HO-IC-227V) Chrome



HAND DRYERS

SLOAN.

SURFACE MOUNTED ELECTRONIC HAND DRYER



110/120 Volt

#16020 (EHD-501) White
#16020CP (EHD-501) Chrome

220/240 Volt

#16020-220-V (EHD-502) White
#16020-220-VCP (EHD-502) Chrome

- Die cast alloy
- Hands free
- Dries hands in under 15 seconds
- Xcelerator
- 80% more energy efficient
- Greenspec Listed

208 Volt

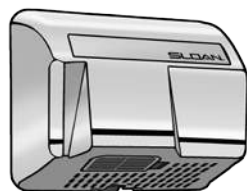
#16020-208V (EHD-503) White
#16020-208VCP (EHD-503) Chrome

277 Volt

#16020-277V (EHD-504) White
#16020-277VCP (EHD-504) Chrome

SLOAN.

SURFACE MOUNTED ELECTRONIC HAND DRYER



110/120 Volt

#16019 (EHD-401) White
#16019CP (EHD-401) Chrome

208 Volt

#16019-208V (EHD-402) White
#16019-208VCP (EHD-402) Chrome

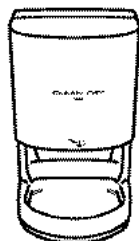
- Hands free
- Brushless motor
- Dries hands in under 30 seconds
- Vandal resistant
- Die cast alloy

277 Volt

#16019-277V (EHD-404) White
#16019-277VCP (EHD-404) Chrome

TOTO

CLEAN DRY™ HIGH SPEED HAND DRYER #16097



- Fast drying - 12 second average
- Hygienic, hands-free, infrared sensor activated operation
- Quiet operation
- Very energy efficient
- *No expensive heating element to replace*



WORLD DRYER MODEL "A" HAND DRYER

115 Volt / 15 Amps

#16446 (A52-974AU) White (Cast Iron)
#16451 (DA52-974AU) White
#16455 (DA52-973AU) Chrome

115 Volt / 20 Amps

#16447 (A5-974AU) White (Cast Iron)
#16027 (DA5-974AU) White
#16456 (DA5-973AU) Chrome

208/230 Volt

#16448 (A54-974AU) White (Cast Iron)
#16452 (DA54-974AU) White
#16457 (DA54-973AU) Chrome

220-240 Volt

#16449 (A548-974AU) White (Cast Iron)
#16453 (DA548-974AU) White
#16458 (DA538-973AU) Chrome

277 Volt

#16450 (A57-974AU) White (Cast Iron)
#16454 (DA57-974AU) White
#16459 (DA57-973AU) Chrome



WORLD DRYER MODEL XA HAND DRYER

- 30 second drying time
- Hands free
- Vandal resistant

115 Volt / 15 Amps

#16435 (XA52-974AU) White (Cast Iron)
#16436 (DXA52-974AU) White (Steel)
#16441 (DXA52-973AU) Chrome

115 Volt / 20 Amps

#SP10291 (XA5-974AU) White (Cast Iron)
#16437 (DXA5-974AU) White (Steel)
#16442 (DXA5-973AU) Chrome

208/230 Volt

#16432 (XA54-974AU) White (Cast Iron)
#16438 (DXA54-974AU) White (Steel)
#16443 (DXA54-973AU) Chrome

220-240 Volt

#16433 (XA548-974AU) White (Cast Iron)
#16439 (DXA548-974AU) White (Steel)
#16444 (DXA538-973AU) Chrome

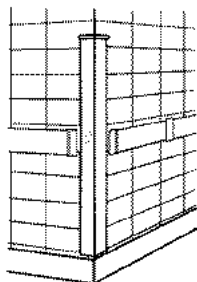
277 Volt

#16434 (XA57-974AU) White (Cast Iron)
#16440 (DXA57-974AU) White (Steel)
#16445 (DXA57-973AU) Chrome



CORNER GUARDS

STAINLESS STEEL CORNER GUARDS

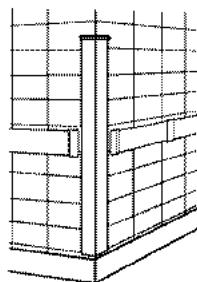
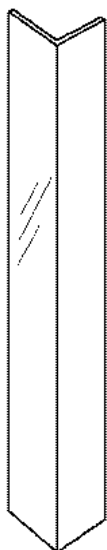


- Use in hospitals, nursing homes, commercial kitchens, or any place where corners are subject to abuse.
- Can be manufactured in special sizes other than the standard.
- Custom angles are available.
- Although double backed foam tape or screws may be specified, INDUSTRIAL PLUMBING recommends an adhesive installation. When properly applied it can be completed quickly, giving a long-lasting, neatly finished job.
- Designed for indoor use. Outdoor materials also available.

#10427 1-1/2" x 1-1/2" x 48"

#10428 3-1/2" x 3-1/2" x 48"

PLASTIC CORNER GUARDS - INDESTRUCTIBLE



*** PLEASE SPECIFY SELF-ADHESIVE OR PRE-DRILLED HOLES ***

- Made of polycarbonate plastic
- Highest impact strength
- Non-yellowing
- Available in many colors - call for assistance

**PART NUMBERS ARE FOR CLEAR ONLY !
MUST SPECIFY IF COLOR IS REQUIRED !**

#10417 3/4" x 3/4" x 4'

#10422 1-1/8" x 1-1/8" x 8'

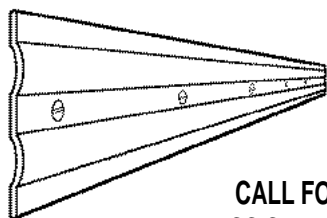
#10418 3/4" x 3/4" x 8'

#10425 2-1/2" x 2-1/2" x 4'

#10421 1-1/8" x 1-1/8" x 4'

#10426 2-1/2" x 2-1/2" x 8'

WALL GUARDS



**CALL FOR
ASSISTANCE !**

- Made of polycarbonate plastic
- Crystal clear, non - yellowing
- Pre-drilled holes - hardware included
- Crystal clear high tack adhesive on self adhesive wall protectors
- Easily installed
- Available in many colors
- Custom lengths available !



SIGNS

BLUE

Title 24 ADA Door Signs

Material: High-impact Polyethylene, UV stable, scratch, crack, fade & impact resistant, matte finish, 1/4" thick. Characters: 1/32" high, shatter proof & mar resistant, double-back tape fastening.

ADA Wall Signs

Material, Characteristics are same as above but thickness of sign is 1/8" with Grade 2 braille.



#12000

Door T-24 Men w/Chair



#03543

Wall ADA Men w/Chair
6" x 9"



#12001

Door T-24 Boys w/Chair



#12002

Wall ADA Boys w/Chair
6" x 9"



#12003

Door T-24 Women
w/Chair



#03544

Wall ADA Women w/Chair
6" x 9"



#12004

Door T-24 Girls w/Chair



#12005

Wall ADA Girls w/Chair
6" x 9"



#12006

Door T-24
Restroom w/Chair



#12007

Wall ADA Restroom w/Chair
6" x 9"



#12008

Accessible
6" x 9"



BLACK

Title 24 ADA Door Signs

Material: High-Impact Polyethylene, UV stable, scratch, crack, fade & impact resistant, matte finish, 1/4" thick.
Characters: 1/32" high, shatter proof & mar resistant, double-back tape fastening.

ADA Wall Signs

Material, Characteristics are same as above but thickness of sign is 1/8" with Grade 2 braille.



#12000BL

Door T-24 Men w/Chair



#03543BL

Wall ADA Men w/Chair
6" x 9"



#12009BL

Men Door Sign w/Chair



#11970

Men Wall Sign w/Chair
8" x 8"



#12003BL

Door T-24 Women
w/Chair



#03544BL

Wall ADA Women w/Chair
6" x 9"



#12009BL

Women Door Sign w/Chair



#11971

Women Wall Sign w/Chair
8" x 8"



#12006BL

Door T-24 Restroom
w/Chair



#12007BL

Wall ADA Restroom w/Chair
6" x 9"



#12010

Restroom Door Sign w/Chair



#12011

Restroom Wall Sign w/Chair
8" x 8"

SATIN FINISH

Characteristics: Satin finish, base is 1/4" acrylic in clear on door sign and 1/8" on wall sign, brushed aluminum sheet (22 gauge) laminated on face, text is in raised black in 1/32" as per ADA requirements.



#12012

Men Door Sign w/Chair



#12013

Men Wall Sign w/Chair



#12014

Women Door Sign w/Chair



#12015

Women Wall Sign w/Chair



#12016

Restroom Door Sign w/Chair



#12017

Restroom Wall Sign w/Chair



SIGNS

ALUMINUM PARKING



#12018
Disabled Parking Only
12" x 18"



#12019
Reserved For Persons
of Disability
12" x 18"



#12020
Van Accessible w/Chair
12" x 18"



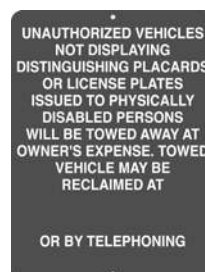
#12021
Arrow Pointing Right
w/Chair
12" x 18"



#12022
Handicap Symbol
12" x 12"



#12023
Arrow Pointing Left
w/Chair
12" x 18"



#12024
Disabled Permit
Parking Only
12" x 18"



#12025
Arrow Pointing Left
6" x 12"



#12027
Van Accessible
6" x 12"



#12026
Arrow Pointing Right
6" x 12"

CAST BRONZE



#12028
Cast Bronze
Men w/Chair Sign



#12029
Cast Bronze
Men w/Chair Sign
6" x 8"



#12030
Cast Bronze
Women w/Chair Sign
12"



#12031
Cast Bronze
Women w/Chair Sign
6" x 8"



ADDITIONAL SIGNS

Signs with a * by the part number are made of High Impact Polyethylene, and are UV Stable, scratch, crack, fade and mar resistant.

MEN

#12032*

Men Sign Strip
Blue with White Letters
6" x 1-3/4"

WOMEN

#12033*

Women Sign Strip
Blue with White Letters
6" x 1-3/4"

RESTROOM

#12034*

Restroom Sign Strip
Blue with White Letters
6" x 1-3/4"

EXIT

#12035*

Exit Sign with Braille
Blue with White Letters
6" x 6"



#12036

Blue/White Reflective
One-Sided Handicap
Stick-on Decal
6" x 6"



#12037

Blue/White
Two-Sided Handicap Decal
For Window
6" x 6"



#12038

Blue Stick-on
Decal
4" x 4"

**EXIT
ROUTE**

#12039*

Exit Route with Braille
Blue with White Letters
6" x 6"

THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS

THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS

#12040

Black/White These Doors to Remain Unlocked Decal
2 Per Decal

THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

#12041

Black/White This Door to Remain Unlocked Decal
2 Per Decal



DOOR STOPS

DOOR STOP - ALUMINUM MATERIAL (Budget)



#01127

4" Brass Finish

#01128

4" Bronze Finish

#01129

4" Aluminum Finish

#01130

Replacement Tip

SOLID BRASS DOOR STOP (Budget)



#01000

4" Door Stop
Painted Brass Type Finish

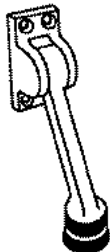
#01001

4" Door Stop
Painted Aluminum Type Finish

#01000-T

Replacement Rubber Tip

SOLID BRASS DOOR STOP



#01168

Dull Chrome Finish

#01169

Polished Brass Finish

HIGH QUALITY DOOR STOP SOLID BRASS MATERIAL

*Top Of
The Line!*



#01132

Polished Brass

#01133

Bronze

#01134

Dull Chrome

#10333

Duronotic
(Chocolate Brown)

#01130

Replacement Tip

SOLID BRASS DOOR STOP



#01170

Dull Chrome Finish

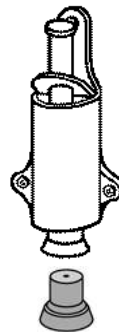
#01171

Polished Brass Finish

PLUNGER DOOR STOP

*Top Of
The Line!*

*Heavy
Solid
Brass
Construction!*



#10048

Dull Chrome

#10049

Polished Brass

#10050

Replacement Tip

PLUNGER DOOR STOP - (BUDGET)

Step-on type



#01499

Aluminum Finish

#15787

Sprayed Brass Finish

#15788

Dark Bronze Finish



#01499NST

New Style
Replacement Tip



#01499TIP

Old Style
Replacement Tip

HEAVY DOOR STOPS

For heavy doors ranging from 1/2" to 10" above floor or steps. A standard in hospitals, schools, and department stores.



BRASS PLATED

#10035 4"

#10036 5"

#10037 6"

ZINC PLATED

#10051 4"

#10052 5"

#10053 6"

#10038 8"

#10039 10"

#10040 12"



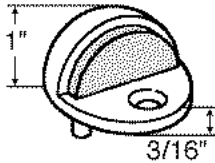
10047

Replacement Tip

CALL FOR ASSISTANCE AND PRICING!



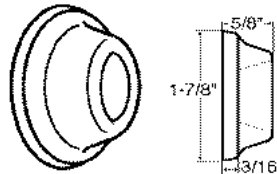
DOOR STOPS & BUMPERS



#01151
Aluminum Floor Stop
Low Profile

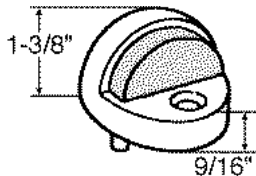
#10320
Polished Brass Finish

Other finishes available on request



#01413
Grey - Self Adhesive
Wall Bumper

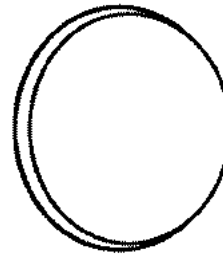
#10807
White - Self Adhesive
Wall Bumper



#01153
Aluminum Floor Stop
High Profile

#10321
Polished Brass Finish

Other finishes available on request



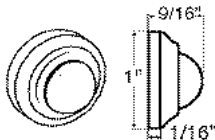
#10325
3" Protector Bumper Plate.

#10326
5" Protector Bumper Plate.

- Prevents damage from door knobs or level handle locks.
- Can be painted to match surface.
- Self adhesive.
- White plastic can cover holes in wall.

3/16" Thick

EXTRA SMALL !



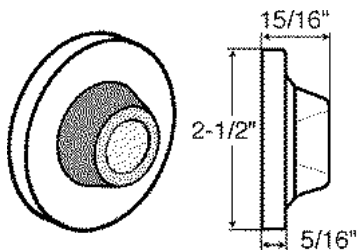
#01163
Dull Chrome

#10322
Brass Finish

Other finishes available on request



#01414
Wedge Type Door Stop
Rubber - Heavy Duty

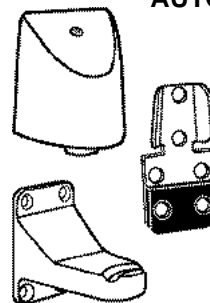


#01156
Aluminum Wall Stop
Concave

#10323
Polished Brass Finish

Other finishes available on request

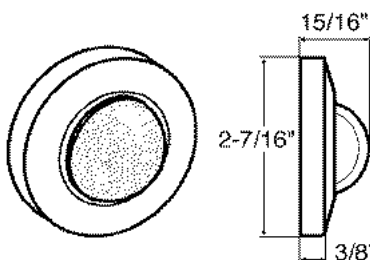
AUTOMATIC DOOR STOP & HOLDER HOLDS DOOR 3-3/4" FROM WALL



#10396
Aluminum Wall Stop (Economy)

#10397
Dull Chrome Wall Stop

#10398
Polished Brass Wall Stop

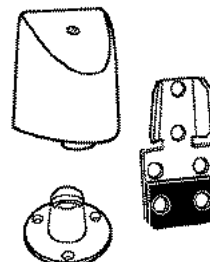


#01159
Aluminum Wall Stop
Convex

#10324
Polished Brass Finish

Other finishes available on request

AUTOMATIC DOOR STOP & HOLDER FOR 1" MAX. FLOOR TO DOOR CLEARANCE



#10400
Aluminum Floor Stop (Economy)

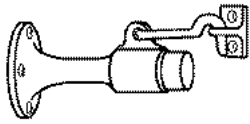
#10401
Dull Chrome Floor Stop

#10116
Polished Brass Floor Stop



DOOR STOPS

WALL DOOR STOP & HOLDER

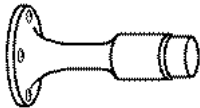


Packed with wood screws

#01188
Dull Brass Finish

#10287
Polished Brass Finish

HEAVY DUTY WALL DOOR STOP



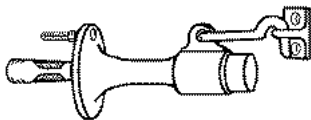
Packed with wood screws

#10284
Dull Chrome Finish

#10285
Polished Brass Finish

#10286
Bronze Finish

WALL DOOR STOP & HOLDER

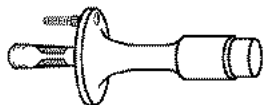


Packed with anchors

#01187
Dull Chrome Finish

#10288
Polished Brass Finish

WALL DOOR STOP

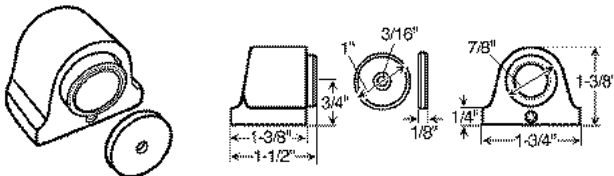


Packed with anchors

#10289
Dull Chrome Finish

#10290
Polished Brass Finish

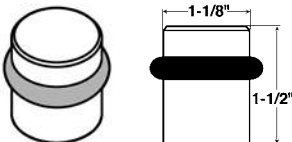
MAGNETIC FLOOR DOOR STOP



#01177
Dull Chrome Finish

#01178
Polished Brass Finish

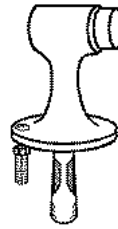
UNIVERSAL SOLID BRASS FLOOR BUMPER



#01166
Dull Chrome Finish

#01167
Polished Brass Finish

HEAVY DUTY FLOOR DOOR STOP



#10816
Dull Chrome Finish

#10293
Polished Brass Finish

Packed with anchors

FLOOR DOOR STOP

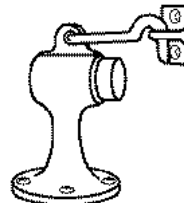


#10291
Dull Chrome Finish

#10292
Polished Brass Finish

Packed with wood screws

HEAVY DUTY FLOOR DOOR STOP & HOLDER

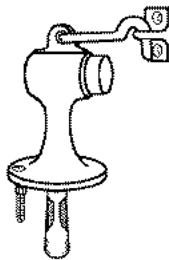


#01189
Dull Chrome Finish

#10294
Polished Brass Finish

Packed with wood screws

HEAVY DUTY FLOOR DOOR STOP & HOLDER

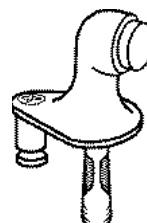


#01190
Dull Chrome Finish

#10295
Polished Brass Finish

Packed with wood screws

HEAVY DUTY FLOOR DOOR STOP



#10817
Dull Chrome Finish

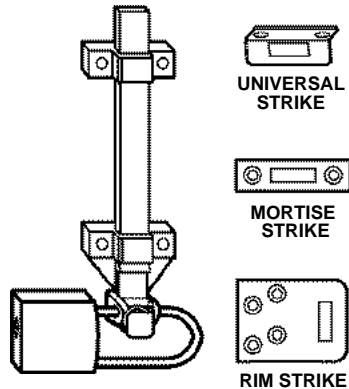
#10296
Polished Brass Finish

Packed with anchors



SLIDE BOLTS

HEAVY DUTY SURFACE BOLT WITH PADLOCK FEATURE DULL CHROME FINISH

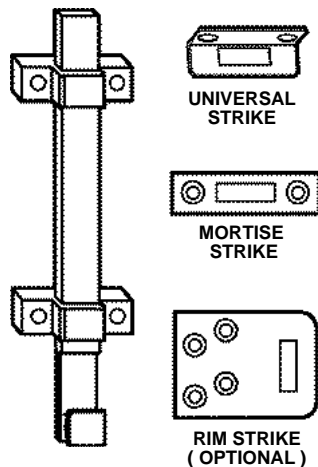


PADLOCK NOT INCLUDED

- All steel construction to insure maximum strength.
- Accepts padlock with max. 3/8" dia, shackle, min. 1-3/4" shackle opening height.
- Shackle opening designed to accept two padlocks when bolt is thrown. Provides additional security against unauthorized entry.

PART#	ROD	WIDTH	LENGTH	THROW
#10056	1/4" x 3/4"	2-1/32"	5"	1-3/16"
#10057	1/4" x 3/4"	2-1/32"	8"	1-3/16"

HEAVY DUTY SURFACE BOLT FOR LABELED FIRE DOORS DULL CHROME FINISH



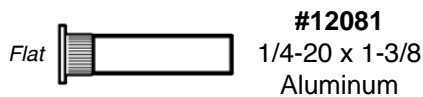
- All steel construction to insure maximum strength.
- Jimmy-resistant design - bolt locks automatically when thrown, can be released only by pressing knob towards door while retracting.

PART#	ROD	WIDTH	LENGTH	THROW
#10058	1/4" x 3/4"	2-1/32"	5"	1-3/16"
#10059	1/4" x 3/4"	2-1/32"	8"	1-3/16"
#10060	1/4" x 3/4"	2-1/32"	12"	1-3/16"

U.L. listed as top and bottom surface bolt for use on the inactive leaf of a pair of classified hollow, metal clad, steel covered composite, and sheet metal fire doors not exceeding 8 feet in either dimension and having a maximum fire rating of 3 hours. Refer to codes for locations where surface bolts are permitted to be used on doors.

SLEEVE BOLTS

For Door Closers and Hardware



#12081

1/4-20 x 1-3/8
Aluminum



#11070

10-24 x 1-3/4
Aluminum

#71467

10-24 x 1-3/4
Steel



#11066

1/4-20 x 1-3/4
Aluminum

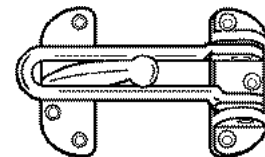
#11066S

1/4-20 x 1-3/4
Steel

#11066B

1/4-20 x 1-3/4
Bronze

CAST ALUMINUM DOOR GUARD



#10338
Brass

#10410
Dull
Chrome

#10411
Polished
Chrome

Allows slight opening of door for viewing while maintaining security. Hinged bar allows door guard to be positioned 180° away from door when not in use.

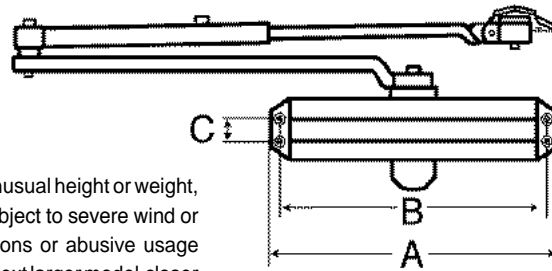


DOOR CLOSERS

COMMON FEATURES

- Underwriters Laboratories Inc. listed.
- Two speed control valves: Closing and latching speeds controlled by separate regulation valves, adjustable after installation.
- Universal application non-handed for top jamb or parallel arm installation.
- Stable hydraulic door check fluid for any climatic operation and consistent lubrication.
- Hold open arms are adjustable for holding from 90° to 180°.

Doors of unusual height or weight, or doors subject to severe wind or draft conditions or abusive usage require the next larger model closer than schedule.



SIZE 4

A	LENGTH OF CLOSER	9-3/4"
B	HORIZONTAL MOUNTING HOLES	9-1/16"
C	VERTICAL MOUNTING HOLES	3/4"

• • • *Parallel fusible link hold-open arm, and other size closers available on request in all finishes* • • •

SATIN ALUMINUM

SIZE	TYPE	INTERIOR DOOR SIZE	EXTERIOR DOOR SIZE		PART #	
			SWING OUT	SWING IN	STANDARD	BACK-CHECK
# 4 (MOST COMMON)	PARALLEL ARM	42"	36"	32"	#01480	#14031
	PARALLEL HOLD-OPEN ARM	42"	36"	32"	#14032	#14033

GOLD BRONZE (HARDWARE BRONZE)

SIZE	TYPE	INTERIOR DOOR SIZE	EXTERIOR DOOR SIZE		PART #	
			SWING OUT	SWING IN	STANDARD	BACK-CHECK
# 4 (MOST COMMON)	PARALLEL ARM	42"	36"	32"	#14077	#14078
	PARALLEL HOLD-OPEN ARM	42"	36"	32"	#14079	#14080

DARK BRONZE (CHOCOLATE BRONZE)

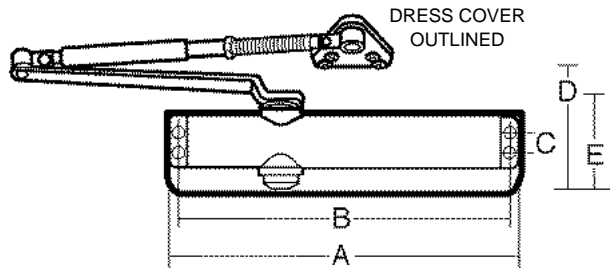
SIZE	TYPE	INTERIOR DOOR SIZE	EXTERIOR DOOR SIZE		PART #	
			SWING OUT	SWING IN	STANDARD	BACK-CHECK
# 4 (MOST COMMON)	PARALLEL ARM	42"	36"	32"	#14085	#14086
	PARALLEL HOLD-OPEN ARM	42"	36"	32"	#14087	#14088



DOOR CLOSERS



ADA APPROVED
FOR HANDICAPPED USE



		WITH DRESS COVER	NO DRESS COVER
A	LENGTH OF CLOSER	13"	12-11/16"
B	HORIZONTAL MOUNTING HOLES	12"	12"
C	VERTICAL MOUNTING HOLES	3/4"	3/4"
D	OVERALL HEIGHT	5-1/8"	5-1/16"
E	TOP OF DOOR TO BOTTOM OF CLOSER	3-1/2"	3-7/16"



** Parallel fusible link hold-open arm available on request in all finishes
CALL FOR ASSISTANCE AND PRICING!*

SATIN ALUMINUM

TYPE	WITHOUT COVER		WITH COVER	
	BACK CHECK 8-1/2 LB. OPENING FORCE TO SIZE 5	DELAYED 5 LB. OPENING FORCE TO SIZE 4	BACK CHECK 8-1/2 LB. OPENING FORCE TO SIZE 5	DELAYED 5 LB. OPENING FORCE TO SIZE 4
PARALLEL ARM	#01851	#01857	#01863	#01869
PARALLEL HOLD-OPEN ARM	#01853	#01859	#01865	#01871

GOLD BRONZE (HARDWARE BRONZE)

TYPE	WITHOUT COVER		WITH COVER	
	BACK CHECK 8-1/2 LB. OPENING FORCE TO SIZE 5	DELAYED 5 LB. OPENING FORCE TO SIZE 4	BACK CHECK 8-1/2 LB. OPENING FORCE TO SIZE 5	DELAYED 5 LB. OPENING FORCE TO SIZE 4
PARALLEL ARM	#14089	#14081	#14090	#14091
PARALLEL HOLD-OPEN ARM	#14092	#14093	#14094	#14095

DARK BRONZE (CHOCOLATE BRONZE)

TYPE	WITHOUT COVER		WITH COVER	
	BACK CHECK 8-1/2 LB. OPENING FORCE TO SIZE 5	DELAYED 5 LB. OPENING FORCE TO SIZE 4	BACK CHECK 8-1/2 LB. OPENING FORCE TO SIZE 5	DELAYED 5 LB. OPENING FORCE TO SIZE 4
PARALLEL ARM	#14096	#14097	#14098	#14099
PARALLEL HOLD-OPEN ARM	#14100	#14101	#14102	#14103

CALL FOR ASSISTANCE AND PRICING!



DOOR CLOSERS

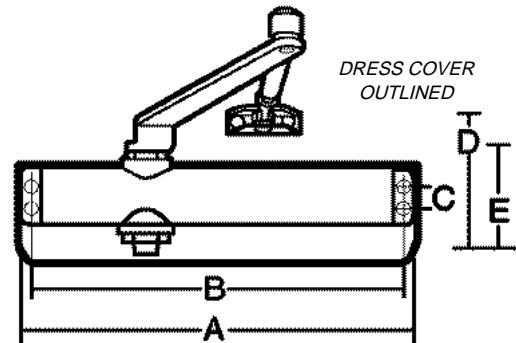
SERIES 9000 RETROFITS: LCN 1460 HOLE PATTERN: 11-3/32"



ADA APPROVED
FOR HANDICAPPED USE

COMMON FEATURES

- **Model 9003:** Adjustable spring power (5lb. opening force to size 4) with both adjustable back-check and adjustable delayed closing action controlled by separate regulating valves.
- Two speed control valves: Closing and latching speeds controlled by separate regulating valves, adjustable after installation.
- Universal application: Non-handed for standard, top jamb or parallel arm installation (parallel arm bracket included.)
- Five-year limited warranty



		WITH DRESS COVER
A	LENGTH OF CLOSER	12-1/8"
B	HORIZONTAL MOUNTING HOLES	11"-3/32"
C	VERTICAL MOUNTING HOLES	3/4"
D	OVERALL HEIGHT	4-9/16"
E	TOP OF DOOR TO BOTTOM OF CLOSER	3-5/16"

ALUMINUM

WITH COVER
DELAYED 5 LB. OPENING FORCE TO SIZE 4

Parallel Arm
#11859

Parallel Hold-Open Arm
#11860



#15704
Hold-Open Forearm
Storefront Bronze

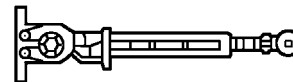
#11856
Hold-Open Forearm
Aluminum

STOREFRONT BRONZE

WITH COVER
DELAYED 5 LB. OPENING FORCE TO SIZE 4

Parallel Arm
#11861

Parallel Hold-Open Arm
#11862



#11857
Fusible Link Hold Open
Forearm (Handed)
Storefront Bronze

#11858
Fusible Link Hold Open
Forearm (Handed)
Aluminum



DOOR CLOSERS

SERIES 44CI RETROFITS: LCN 4041



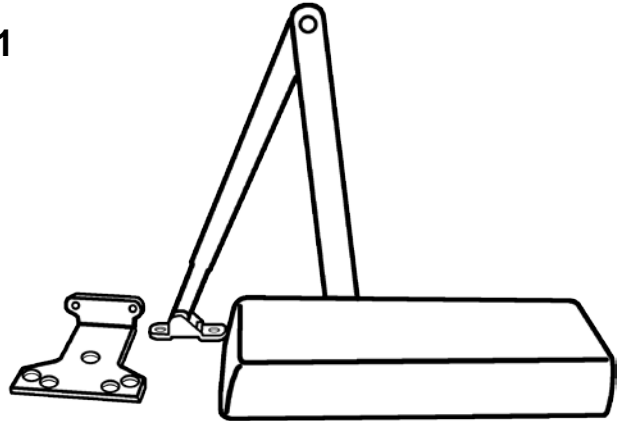
ADA APPROVED
FOR HANDICAPPED USE

FEATURES

- Application for HIGH TRAFFIC doors
- All Weather Fluid
- Non-handed
- Non-sized adjustable 1 through 6;
Standard with Backcheck
- Universal application for Regular Arm, Top Jamb,
or Parallel Arm mounting
- Standard Plastic Cover - non handed
- 10 year warranty

OPTIONAL FEATURES

- Metal Cover
- Hold-open arm
- Stop only arm



		WITH DRESS COVER
A	LENGTH OF CLOSER	12-1/4"
B	HORIZONTAL MOUNTING HOLES	
C	VERTICAL MOUNTING HOLES	2-1/4"
D	OVERALL HEIGHT	4-7/8"
E	TOP OF DOOR TO BOTTOM OF CLOSER	3-11/16"

DOOR CLOSER - ALUMINUM

With Cover
Delayed 5 Lb. Opening Force To Size 5

Parallel Arm
#11863

Parallel Hold-Open Arm
#11864

DOOR CLOSER STOREFRONT BRONZE

With Cover
Delayed 5 Lb. Opening Force To Size 5

Parallel Arm
#11865

Parallel Hold-Open Arm
#11866

PARTS

#12089
Complete Arm

#12090
Cushion Hold Open Arm
Mechanical Turn Type

#12091
Cushion Stop Only Arm

#12092
Friction Hold Open Arm



KICK PLATES

ORDERING INFO

I.P.S. supplies a variety of quality plates to protect your doors from damage and wear. When calling to order, please have the following information available, so that we can provide you with what you need as quickly as possible.

• **SPECIFY LENGTH !**

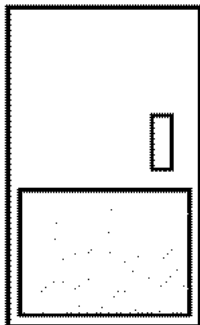
• **SPECIFY HEIGHT !**

• **SPECIFY MATERIAL !**

- ☐ Stainless Steel ☐ Bronze
☐ Aluminum (Economy) ☐ Plastic
☐ Brass

• **SPECIFY FINISH !**

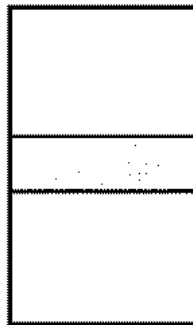
- ☐ Dull Chrome ☐ Polished Brass
☐ Polished Chrome ☐ Bronze
☐ Satin Brass
 Color (if plastic) customized to your specifications !!



ARMOR PLATE

Protects lower half of doors from abuse by hard carts, trucks, and rough usage standard heights are 36", 40" or 42" with allowance for stop bead.

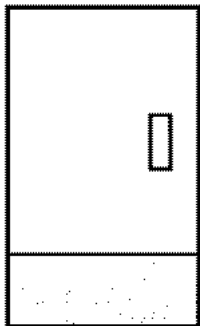
Call for assistance !



STRETCHER PLATE

Protects doors at specific areas where consistent contact is made by stretchers, service carts, or other equipment. Standard height is 6" or 8" by width with allowance for stop bead.

Call for assistance !



KICK PLATE

Protects the bottom of the push side of doors subject to scuffing from foot traffic. Recommended for all doors subject to normal use (Especially doors using a closer). Standard heights are 8", 10", or 12" by door width, with allowance for stop bead.

#16127

6" x 34"

Stainless Steel

#15269

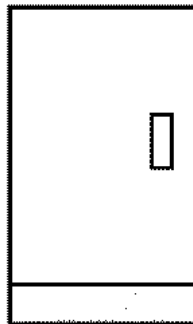
8" x 34"

Stainless Steel

#15912

10" x 34"

Stainless Steel



MOP PLATE

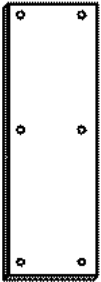
Protects the bottom of the pull side of door which is exposed to mopping and cleaning procedures. Standard heights are 4" or 6" with allowance for stop bead.

Call for assistance !



PUSH PLATES

3-1/2" x 15" WITH SQUARE CORNERS



#10184

Aluminum (Economy)

#10185

Stainless Steel (Heavy Duty)

#10186

Polished Brass

4" x 16" WITH SQUARE CORNERS

#10187

Aluminum (Economy)

#10188

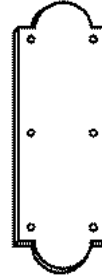
Stainless Steel (Heavy Duty)

#10189

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE

3" x 15" WITH DECORATIVE ROUND ENDS



#10197

Stainless Steel (Heavy Duty)

#10198

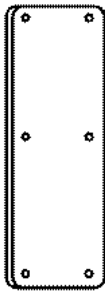
Chrome Plated Brass

#10199

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE

4" x 16" WITH ROUND CORNERS



#10190

Aluminum (Economy)

#10191

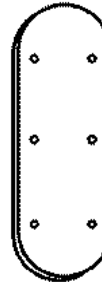
Stainless Steel (Heavy Duty)

#10192

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE

4" x 16" WITH ROUND END



#10193

Aluminum (Economy)

#10194

Stainless Steel (Heavy Duty)

#10195

Polished Brass

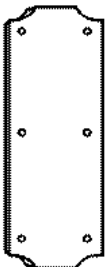
#10196

Chrome Plated Brass

OTHER FINISHES AND SIZES AVAILABLE

**NEED A CUSTOM
PLATE ? CALL YOUR
I.P.S. REPRESENTATIVE
WITH YOUR
SPECIFICATIONS.**

3" x 15" WITH DECORATIVE ENDS



#10200

Stainless Steel (Heavy Duty)

#10201

Chrome Plated Brass

#10202

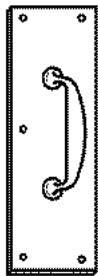
Polished Brass

OTHER FINISHES AND SIZES AVAILABLE

I.P.S. also supplies **Plastic Plates** in a complete range of the most popular colors. Beveled on four sides with a standard thickness of 1/8", they are available in a wide variety of sizes on request. Call us with your requirements !



PULL PLATES



**3-1/2" x 15" PLATE
WITH 5-1/2" ON CENTER PULL**

#10160

Aluminum (Economy)

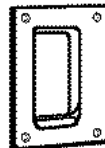
#10161

Stainless Steel (Heavy Duty)

#10162

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE



**FLUSH PULL 3-3/8" x 4-3/4" OVERALL
1-3/4" x 3-1/2" OPENING**

#10172

Aluminum (Economy)

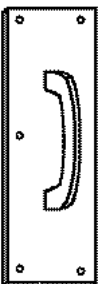
#10173

Stainless Steel (Heavy Duty)

#10174

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE



**3-1/2" x 15" PLATE
WITH 5-1/2" ON CENTER PULL**

#10163

Aluminum (Economy)

#10164

Stainless Steel (Heavy Duty)

#10165

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE



**FLUSH PULL 4" x 16" OVERALL
1-3/4" x 3-1/2" OPENING**

#10175

Aluminum (Economy)

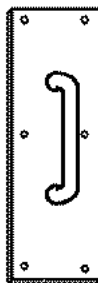
#10176

Stainless Steel (Heavy Duty)

#10177

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE



**4" x 16" PLATE
WITH 6" ON CENTER ROUND PULL**

#10166

Aluminum (Economy)

#10167

Stainless Steel (Heavy Duty)

#10168

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE



**4" x 16" PLATE
WITH 6" ON CENTER
HALF ROUND PULL**

#10178

Aluminum (Economy)

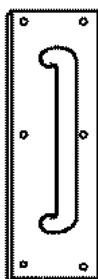
#10179

Stainless Steel (Heavy Duty)

#10180

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE



**4" x 16" PLATE
WITH 10" ON CENTER ROUND PULL**

#10169

Aluminum (Economy)

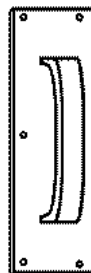
#10170

Stainless Steel (Heavy Duty)

#10171

Polished Brass

OTHER FINISHES AND SIZES AVAILABLE



**4" x 16" PLATE
WITH 8" ON CENTER
HALF ROUND PULL**

#10181

Aluminum (Economy)

#10182

Stainless Steel (Heavy Duty)

#10183

Polished Brass

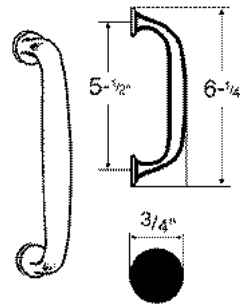
OTHER FINISHES AND SIZES AVAILABLE



DOOR PULLS

PULLS CAN BE MADE TO ANY CENTER TO CENTER
DIMENSION. MANY OTHER FINISHES AVAILABLE.
CALL US WITH YOUR SPECIFICATIONS !!

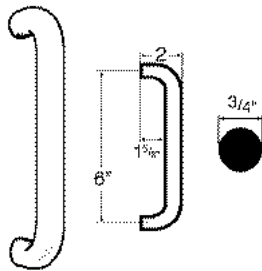
IF YOU DON'T SEE IT,
WE CAN MATCH YOUR SAMPLE !



#10215
Aluminum

#10216
Stainless Steel

#10217
Polished Brass

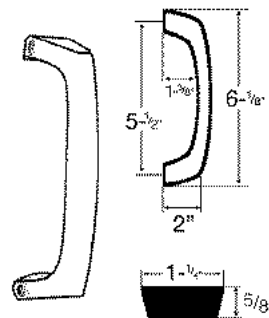


#10203
Aluminum

#10204
Stainless Steel

#10205
Polished Brass

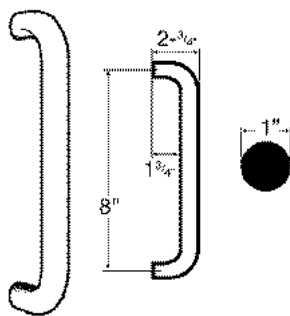
#10206
Chrome Plated Brass



#10218
Aluminum

#10219
Stainless Steel

#10220
Polished Brass



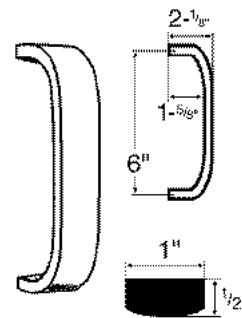
#10207
Aluminum

#10208
Stainless Steel

#10209
Polished Brass

#10210
Chrome Plated Brass

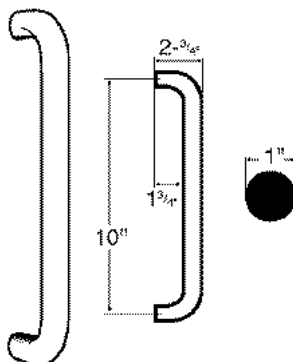
ALSO AVAILABLE IN 3/4" ROUND



#10221
Aluminum

#10222
Stainless Steel

#10223
Polished Brass

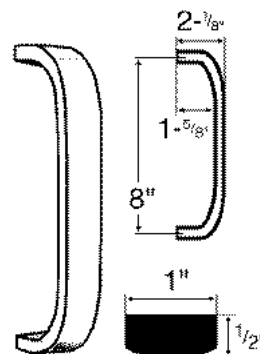


#10211
Aluminum

#10212
Stainless Steel

#10213
Polished Brass

#10214
Chrome Plated Brass



#10224
Aluminum

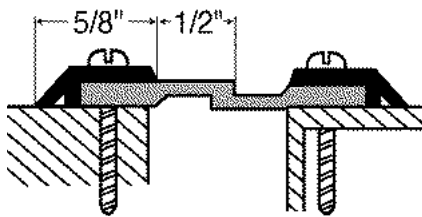
#10225
Stainless Steel

#10226
Polished Brass



DOOR SEALS

FOR DOUBLE DOORS
MUST SPECIFY LENGTH WHEN ORDERING !

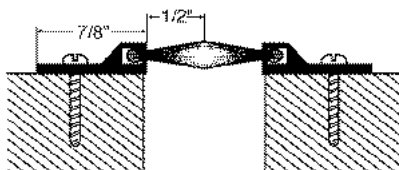


#10150
Satin Aluminum

#10151
Brass

#10152
Dark Bronze
(Chocolate)

**MUST ORDER 2 PIECES
TO COMPLETE SET**

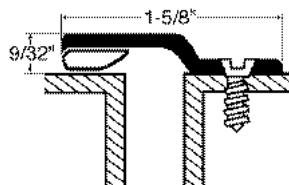


#10129
Satin Aluminum

#10130
Brass

#10131
Dark Bronze
(Chocolate)

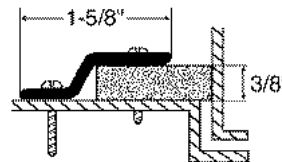
**MUST ORDER 2 PIECES
TO COMPLETE SET**



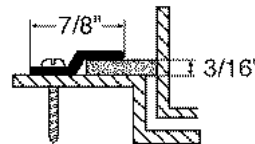
#10156
Satin Aluminum

#10157
Dark Bronze
(Chocolate)

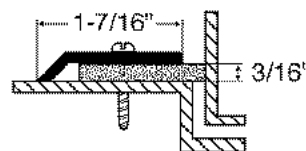
HEAVY DUTY STAINLESS STEEL SEALS
MUST SPECIFY LENGTH WHEN ORDERING !



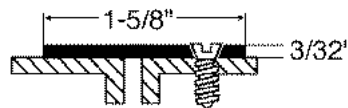
#10089
Stainless Steel



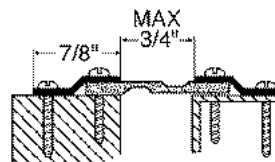
#10090
Stainless Steel



#10091
Stainless Steel



#10092
Stainless Steel
No Gasket



#10093
Stainless Steel

**MUST ORDER 2 PIECES
TO COMPLETE SET**

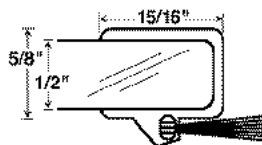
GLASS DOOR ASTRAGAL SEALS

MUST SPECIFY LENGTH WHEN ORDERING !

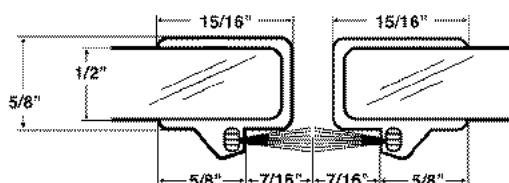
Our glass door seal consists of translucent PVC channel and nylon brush for an attractive solution to a difficult problem.

#10158
CLEAR

Order Two Pieces For A Complete Set



#10159
CLEAR



WINDOW BANDAGE

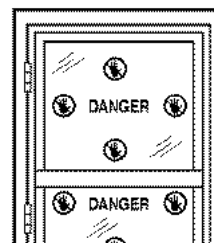
#10441



18" x 120" ROLL

**Temporary Solution For
Broken Glass Panes**

**A Must For Every
Maintenance Department !**



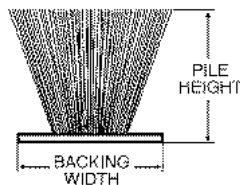
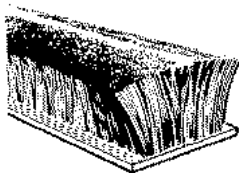
- Installs in minutes !
- Red danger warning provides high visibility
- Helps prevent harm to the public, reduces accident insurance claims and lawsuits
- Self adhesive - remains in place
- Does not block vision and light



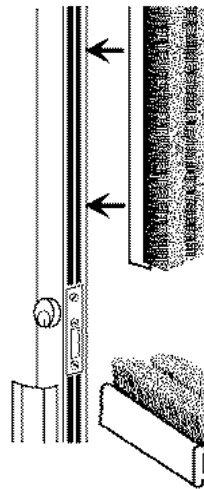
WEATHER SEALS

REPLACEMENT WEATHER-STRIPPING

PART #	PILE HEIGHT	BACKING WIDTH
#06305	3/16"	3/16"
#06306	1/4"	3/16"
#06307	9/32"	3/16"
#06308	11/32"	3/16"
#06309	3/16"	1/4"
#06310	1/4"	1/4"
#06311	9/32"	1/4"
#06312	11/32"	1/4"
#06313	11/32"	11/32"
#06314	7/16"	11/32"
#06315	11/32"	7/16"
#06316	7/16"	7/16"



#10429 REPLACEMENT WEATHER-STRIPPING FOR COMMERCIAL ALUMINUM DOORS



- 7 FT. Lengths
- Increased pile density by 20% to give you a better seal and appearance. No unsightly knitting string to come loose.
- Industrial strength black yarn ultra sonically welded.
- Extruded aluminum shape vs. roll formed for better pile support and retention.
- Adjustable heavy duty resilient springs. Provides more consistent tension and adjustability. Easier to work with no sharp edges to cut you. Press-n-slide to adjust for any length.
- Standard pile height - 480".

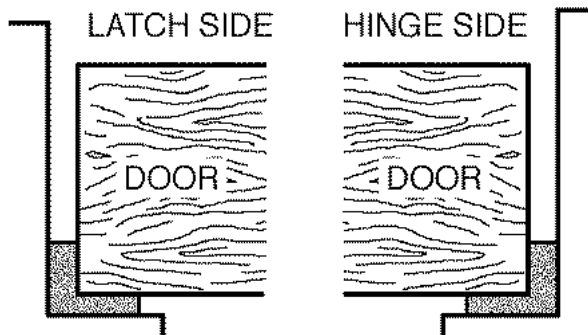
**GIVE US
A CALL !**

SELF-ADHESIVE GASKETING

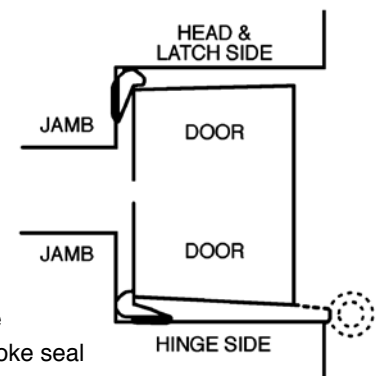
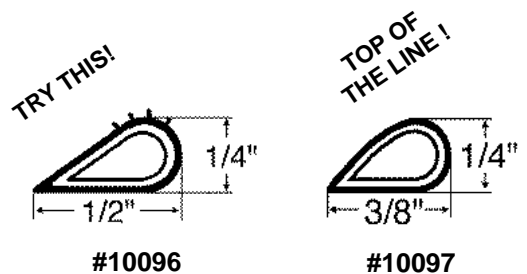
NEOPRENE GASKETING - (HEAVY DUTY)

#10119	3/8" x 3/16 x 18'
#10120	1/2" x 1/4" x 18'

Also available in 50' rolls



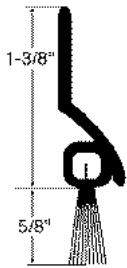
SILICONE SELF-ADHESIVE GASKETING



- Patented adhesive
- Excellent air & smoke seal
- Everlasting silicone rubber



DOOR SWEEPS

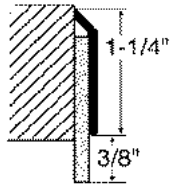


#10126
Satin Aluminum

#10127
Brass

#10128
Dark Bronze
(Chocolate)

*MUST SPECIFY LENGTH
WHEN ORDERING !*



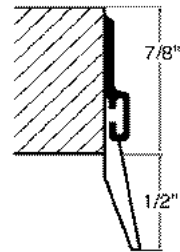
#10138
Satin Aluminum

#10139
Brass

#10140
Dark Bronze
(Chocolate)

**EVERLASTING
SILICONE GASKET !**

*MUST SPECIFY LENGTH
WHEN ORDERING !*



#10141
Satin Aluminum

#10142
Brass

#10143
Dark Bronze
(Chocolate)

*MUST SPECIFY LENGTH
WHEN ORDERING !*



#10132
Satin Aluminum

#10133
Brass

#10134
Dark Bronze
(Chocolate)

*MUST SPECIFY LENGTH
WHEN ORDERING !*



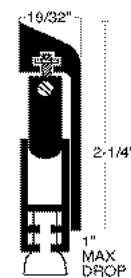
#10129
Satin Aluminum

#10130
Brass

#10131
Dark Bronze
(Chocolate)

*MUST SPECIFY LENGTH
WHEN ORDERING !*

AUTOMATIC DOOR BOTTOM



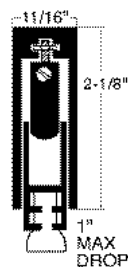
#10144
Satin Aluminum

#10145
Brass

#10146
Dark Bronze
(Chocolate)

*MUST SPECIFY LENGTH
WHEN ORDERING !*

AUTOMATIC DOOR BOTTOM



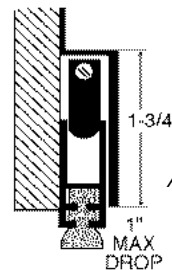
#10147
Satin Aluminum

#10148
Brass

#10149
Dark Bronze
(Chocolate)

*MUST SPECIFY LENGTH
WHEN ORDERING !*

AUTOMATIC DOOR BOTTOM SURFACE MOUNT



#10095
Stainless Steel

*A GREAT SOLUTION TO
CORROSIVE AREAS !*

*MUST SPECIFY LENGTH
WHEN ORDERING !*



#10135
Satin Aluminum

#10136
Brass

#10137
Dark Bronze
(Chocolate)

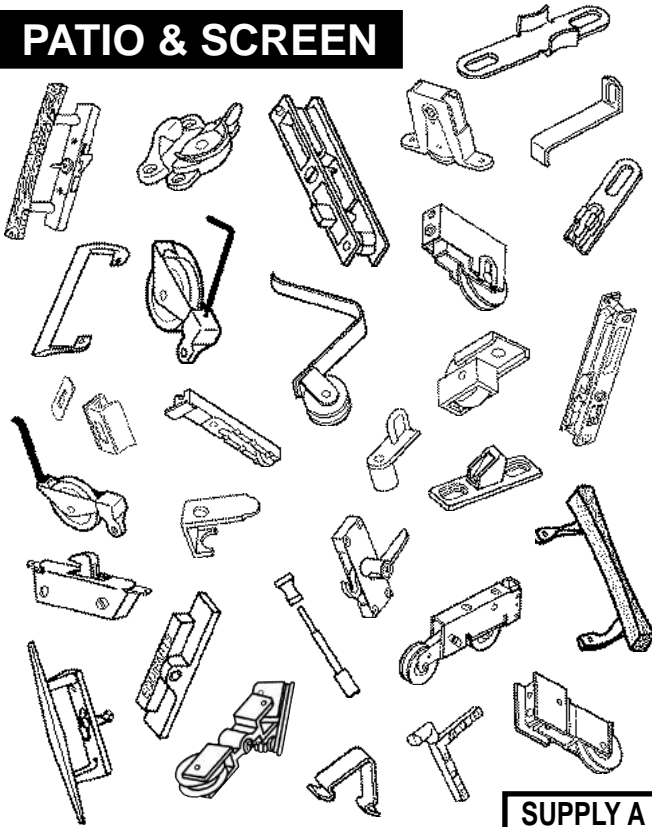
*MUST SPECIFY LENGTH
WHEN ORDERING !*



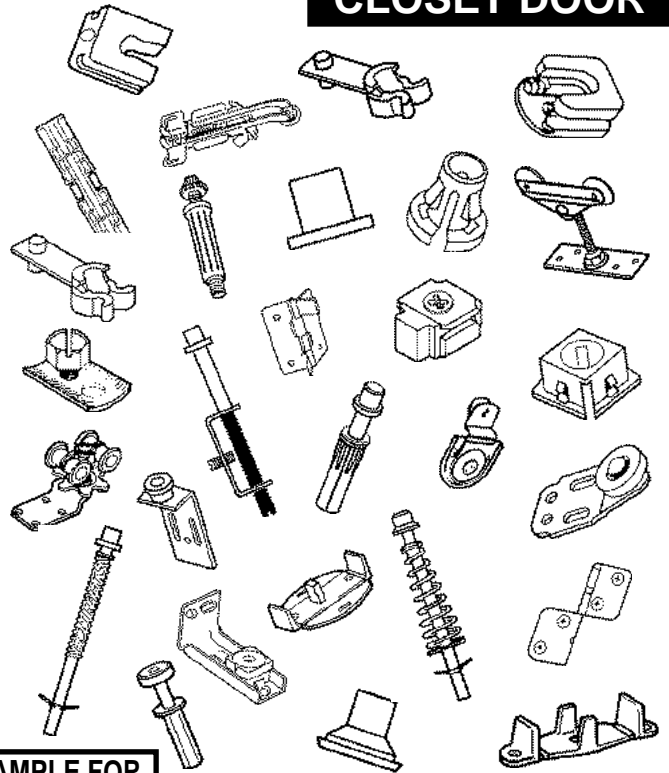
WINDOW & DOOR

WINDOW & DOOR CATALOG AVAILABLE ON REQUEST

PATIO & SCREEN

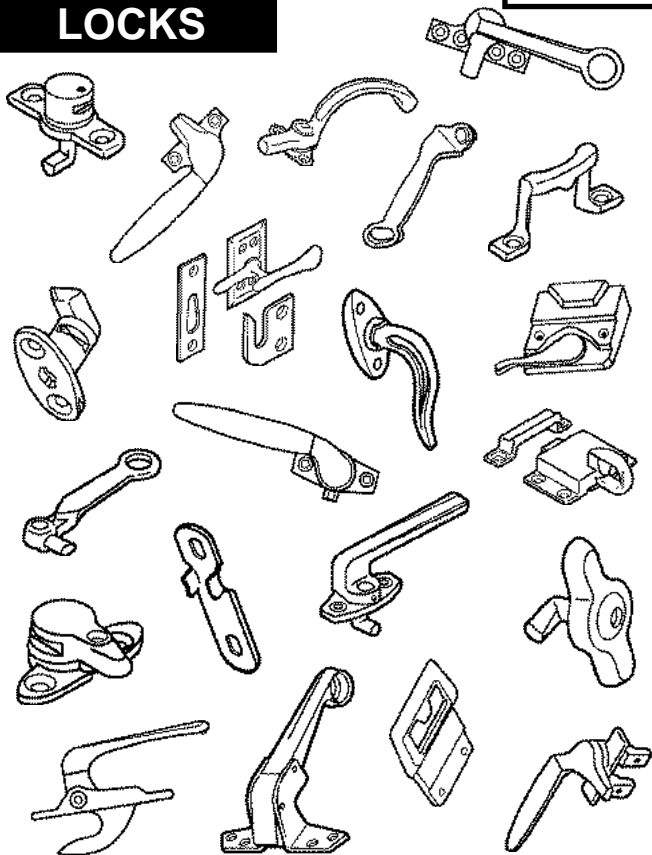


CLOSET DOOR

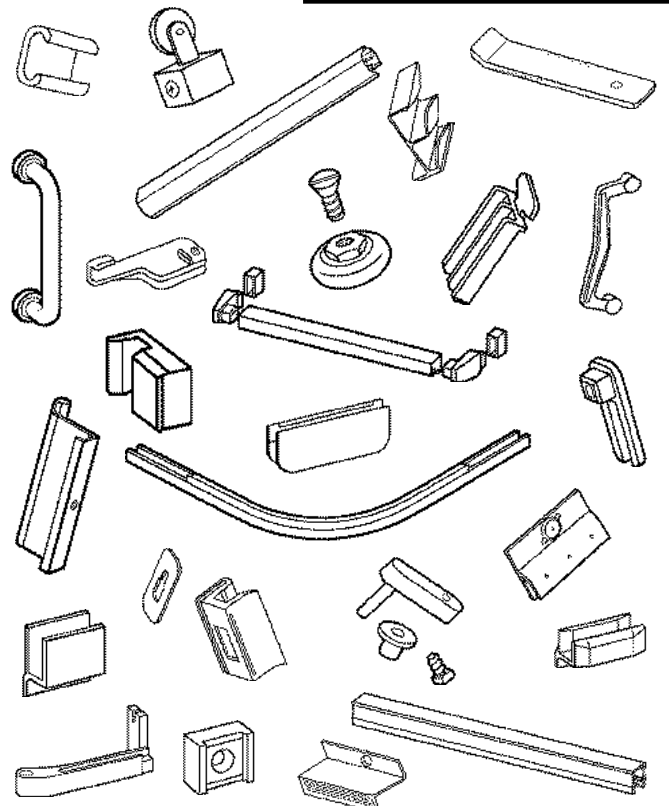


SUPPLY A SAMPLE FOR IDENTIFICATION

LOCKS

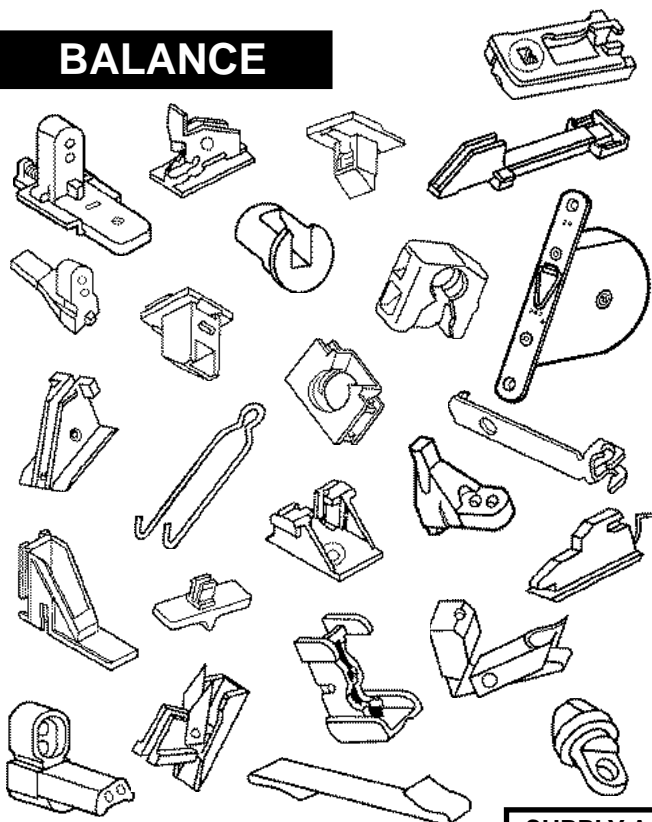


SHOWER

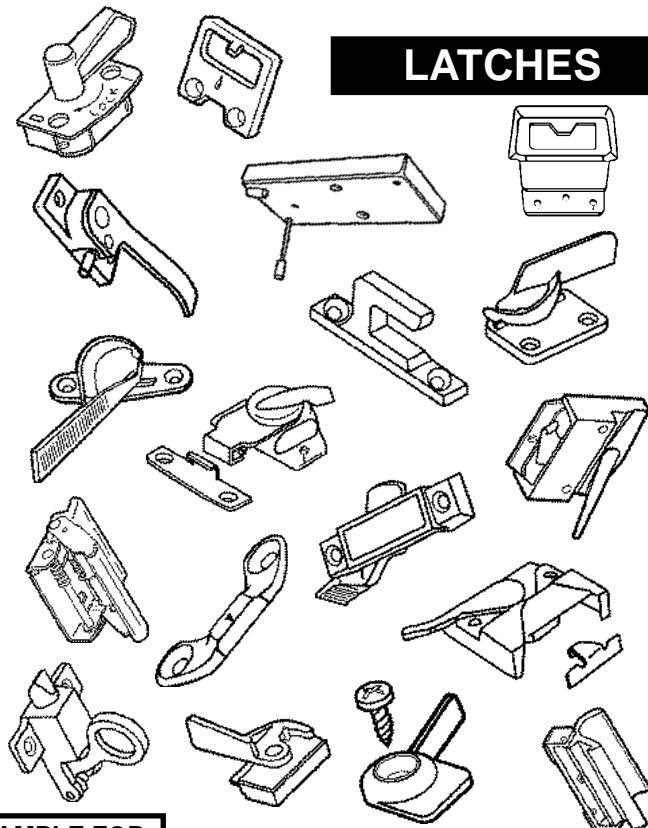


I.P.S. STOCKS THOUSANDS OF WINDOW, SHOWER & CLOSET DOOR PARTS

BALANCE

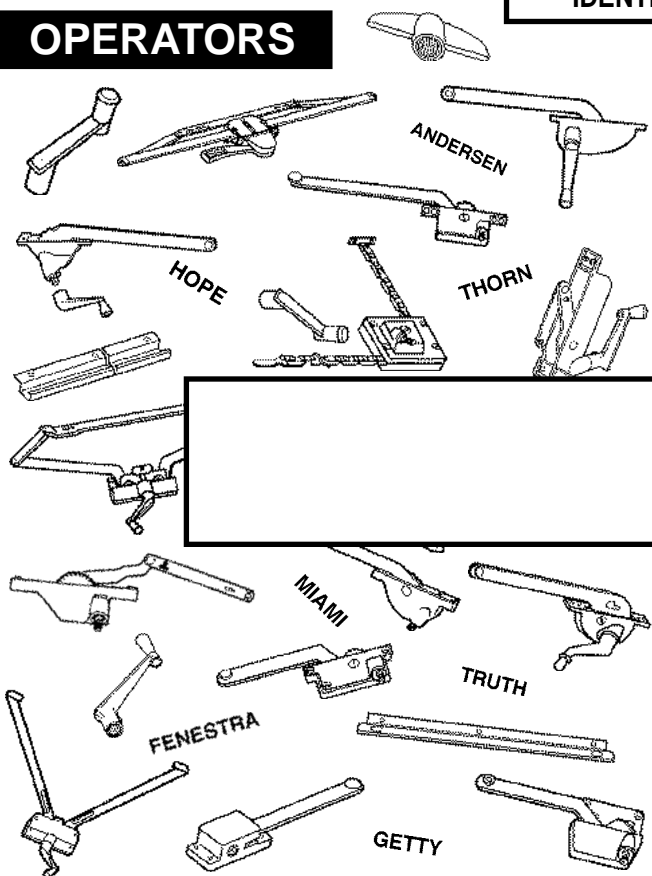


LATCHES

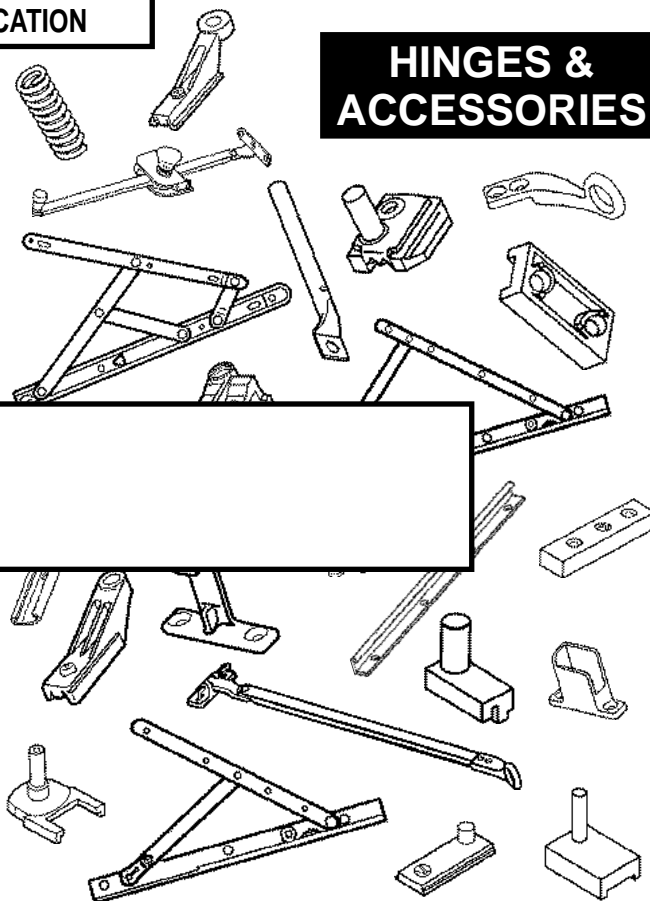


SUPPLY A SAMPLE FOR IDENTIFICATION

OPERATORS



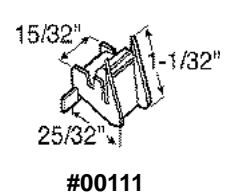
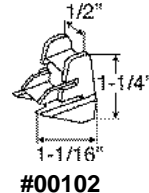
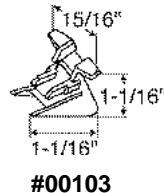
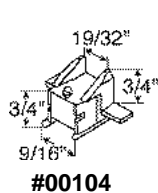
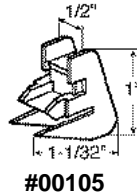
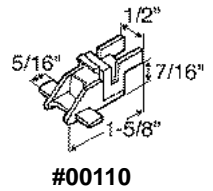
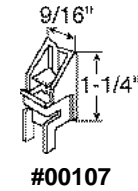
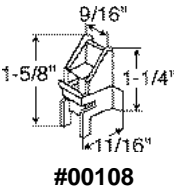
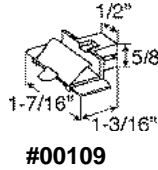
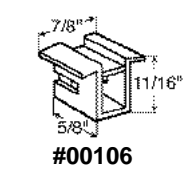
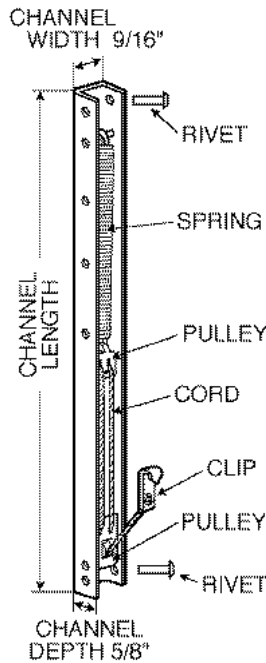
HINGES & ACCESSORIES



WINDOW BALANCES

100 SERIES

5/8" CHANNEL BALANCE

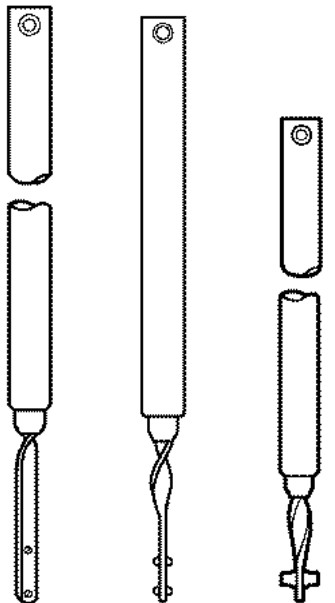


TO ORDER, SPECIFY THE FOLLOWING:

1. SERIES # (DETERMINED BY CHANNEL DEPTH AND WIDTH)
2. CHANNEL LENGTH
3. NUMBERS AND/OR LETTERS STAMPED ON METAL CHANNEL.
(IF NO NUMBERS OR LETTERS APPEAR, SAMPLE REQUIRED)
4. TOP AND BOTTOM ACCESSORIES. (MOST POPULAR COMBINATIONS SHOWN BELOW) MANY OTHERS AVAILABLE. SEND YOUR SAMPLE !

MANY OTHER STYLES & SIZES AVAILABLE !

TUBE BALANCES



#300
SERIES

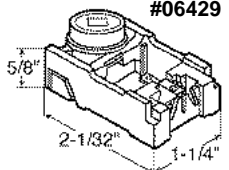
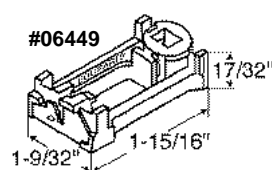
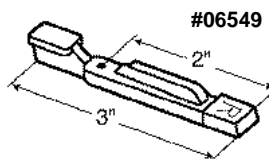
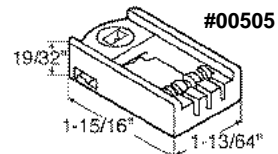
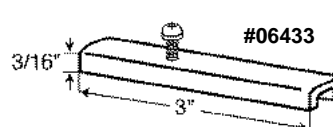
#500
SERIES

#700
SERIES

TO ORDER, SPECIFY THE FOLLOWING:

1. SERIES # (DETERMINED BY THE STYLE: SINGLE HOLE, DOUBLE HOLE, CROSS PIN OR DOUBLE PIN, AND TUBE DIAMETER)
2. TUBE LENGTH
3. TUBE COLOR, METAL OR PLASTIC
4. ROD LENGTH. (ROD MUST BE ALL THE WAY DOWN IN TUBE BEFORE MEASURING.)
5. NYLON BEARING COLOR (WHITE, RED, OR BLUE)
6. END PIECE ATTACHED TO ROD.

MANY OTHER STYLES & SIZES AVAILABLE !



CASTERS

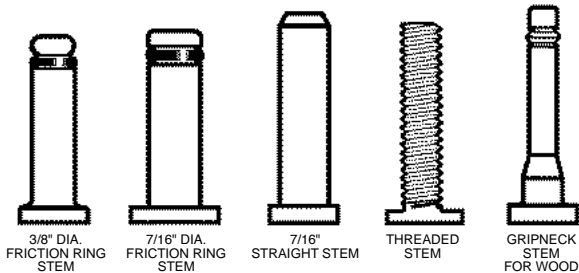


**HUNDREDS OF TYPES & SIZES!
CALL US.
WHEEL HELP YOU!**

**ASK ABOUT OUR NON-MARKING WHEELS
OR ANY SPECIAL APPLICATION
CASTERS OR WHEELS!**

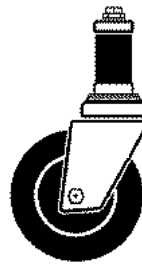


STEM STYLES



3/8" DIA. FRICTION RING STEM
7/16" DIA. FRICTION RING STEM
7/16" STRAIGHT STEM
THREADED STEM
GRIPNECK STEM FOR WOOD

INSTITUTIONAL TUBING INSERT CASTERS



- Insert Expands Inside Tubing Of Cart.
- Ball Bearing Swivel
- Non-Marking Wheels
- Available With Brakes

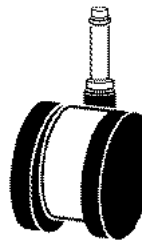
SWIVEL CASTER - THREADED STEM



PLEASE SPECIFY:

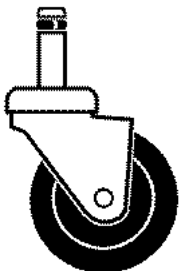
- Wheel Diameter
- Tread Width
- Thread Size
- Thread Length

TWIN WHEEL CASTERS FOR CARPETING



- Black, Chrome, Brass, Antique Brass
- Optional Stem Styles
- Available With Brakes

SWIVEL CASTER - GRIP RING STEM *For Office Furniture*



2" Diameter Wheel

- #01901 3/8" Dia x 1" Long Stem
- #01902 7/16" Dia x 1-3/8" Long Stem
- #01903 7/16" Dia x 1-7/8" Long Stem

2-1/2" DIAMETER WHEEL

- #01904 3/8" Dia x 1" Long Stem
- #01905 7/16" Dia x 7/8" Long Stem
- #01906 7/16" Dia x 1-7/8" Long Stem

AVAILABLE WITH BRAKES

PLATE CASTERS - SWIVEL & RIGID



2" Diameter Wheel, 1" Wheel Width
400 Lbs. Capacity Per Set Of 4

- #01908 Swivel
- #01909 Rigid

2-1/2" Diameter Wheel, 1-1/8" Wheel Width,
400 Lbs. Capacity Per Set Of 4

- #01910 Swivel

**AVAILABLE
WITH
BRAKES**

3" Diameter Wheel, 1-1/4" Wheel Width,
700 Lbs. Capacity Per Set Of 4

- #01912 Swivel
- #01913 Rigid

**CALL
FOR
SPECIFIC
PLATE SIZES**

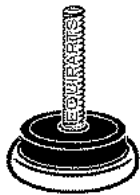
4" Diameter Wheel, 1-5/16" Wheel Width,
900 Lbs. Capacity Per Set Of 4

- #01914 Swivel
- #01915 Rigid



GLIDES -TIPS & INSERTS

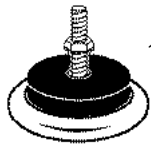
MACHINE SCREW GLIDES



#09019
1/4-20 X 1" Stem
1-1/16" Plated Steel Base

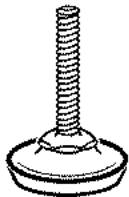
#09079
5/16-18 X 1" STEM
1-1/16 PLATED STEEL BASE

#09080
3/8-16 X 1" STEM
1-1/16" PLATED STEEL BASE



#09020
8/32 X 1/2" STEM
1-1/16" PLATED STEEL BASE
INCLUDES NUT

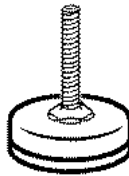
#09081
1/4-20 X 1/2" STEM
1-1/16" PLATED STEEL BASE
(NUT NOT INCLUDED)



#09022 1/4-20 x 1" STEM
#09083 5/16-18 x 1" STEM
#09084 5/16-18 x 1-1/2" STEM
#09085 3/8-16 x 1" STEM
#09086 3/8-16 x 1-1/2" STEM

1-1/8"
NYLON BASE
WITH PLATED
STEEL SHELL

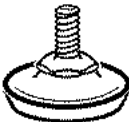
SWIVEL AVAILABLE ON REQUEST



#09024 1/4-20 x 1" STEM
#09088 5/16-18 x 1" STEM
#09089 5/16-18 x 1-1/2" STEM
#09090 3/8-16 x 1" STEM
#09091 3/8-16 x 1-1/2" STEM

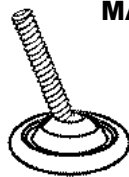
1-3/8"
NYLON BASE
WITH PLATED
STEEL SHELL

MACHINE SCREW SWIVEL GLIDE



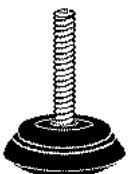
#09063
1/4-20 x 1/2" STEM
1-1/8" NYLON BASE WITH
PLATED STEEL SHELL

MACHINE SCREW SWIVEL GLIDE



#09064
1/4-20 x 1" STEM
1-3/16" PLATED
STEEL BASE

NON-SKID MACHINE SCREW GLIDE



#09092
1/4-20 x 1" STEM
1-1/8 RUBBER BASE

#09093
5/16-18 x 1" STEM
1-1/8" RUBBER BASE

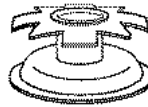
#09094
3/8-16 x 1" STEM
1-1/8 RUBBER BASE



TRY THIS !

Use threaded spring clip inserts with machine screw glides to level tubular furniture on uneven floors.

THREADED ROUND INSERT



1/4 -20

#09107 3/4"	#09110 1"
#09108 13/16"	#09111 1-1/8"
#09109 7/8"	#09112 1-1/4"

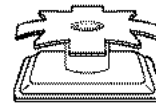
5/16-18

#09113 7/8"	#09116 1-1/4"
#09114 1"	#09117 1-1/2"
#09115 1-1/8"	

3/8-16

#09118 7/8"	#09121 1-1/4"
#09119 1"	#09122 1-1/2"
#09120 1-1/8"	

THREADED SQUARE INSERT



1/4-20

#09123 3/4"	#09126 1"
#09124 13/16"	#09127 1-1/8"
#09125 7/8"	#09128 1-1/4"

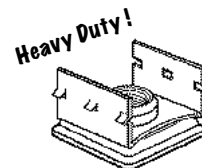
5/16-18

#09129 7/8"	#09132 1-1/4"
#09130 1"	#09415 1-1/2"
#09131 1-1/8"	#09133 2"

3/8-16

7/8"	#09134	#09137 1-1/4"
1"	#09135	#09138 1-1/2"
1-1/8"	#09136	#09139 2"

SQUARE METAL THREADED INSERT



#09140
1/4-20
FITS 3/4" OD TUBE

TEE NUTS FOR WOOD FURNITURE



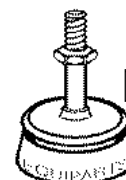
#29010 1/4"
#29011 5/16"
#29012 3/8"

DRILL HOLE IN WOOD SAME DIAMETER AS BODY OF NUT AND HAMMER IN PLACE !

SELF LEVELING GLIDES



#09070
1/4-20 x 1/2" STEM
SPRING LOADED
SELF LEVELING
PLASTIC GLIDES

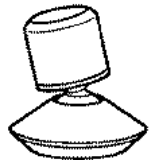


#09071
1/4-20 X 1/2" STEM
WITH GREY PLASTIC
SNAP-ON BASE COVER

AUTOMATICALLY EXPANDS
AND CONTRACTS !



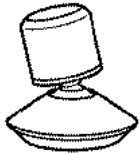
GLIDES



ALL STEEL SWIVEL GLIDE

#09000

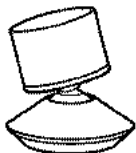
Fits 5/8" OD Tubing. Our most popular glide ! 1-3/16" Plated steel base.



ALL STEEL SWIVEL GLIDE

#09003

Fits 9/16" OD, 7/16" ID
1-1/4" Plated steel base.
Available with nylon base.



ALL STEEL SWIVEL GLIDE

09025

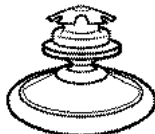
FITS 3/4" OD, 5/8" ID
1-1/4" Plated steel base.
Available with nylon base.



ALL STEEL SWIVEL GLIDE

09004

Fits 1" OD, 7/8" ID
1-3/16" Plated steel base



ALL STEEL SWIVEL GLIDE

Fits American Seating

#09006

Fits 11/16" OD, 9/16" ID
1-3/16" Plated Steel Base



ALL STEEL SWIVEL GLIDE

#09002 Fits 9/16" OD - 7/16" ID
#09187 Fits 5/8" OD - 1/2" ID
#09082 Fits 3/4" OD - 5/8" ID
#09210 Fits 7/8" OD - 3/4" ID

1-1/4" Plate Steel Base - Available With Nylon Base



NON SWIVEL GLIDE

#09008

Fits 3/4" OD, 5/8" ID
1-1/16" Plated Steel Base



NON SWIVEL GLIDE

#09007

Fits 1" OD, 7/8" ID
1-1/16" Plated Steel Base

GLIDE REMOVING TOOL

148-10



HEAVY DUTY INSTITUTIONAL TAN POLY TIP



#09144 3/4" O.D.

#09029 1" O.D.

#09028 7/8" O.D.

#09054 1-1/8" O.D.

RIBBED RUBBER CRUTCH TIP - BLACK



#09199 Fits 3/4" OD

#09201 Fits 1" OD

#09200 Fits 7/8" OD

#09203 Fits 1-1/4" OD



#09014

Brunswick Rubber Boot
Fits Rear Chair Foot



#09015

Brunswick Rubber Boot
Fits Front Chair Foot



#09013

Brunswick Rubber Boot
Fits Table Foot

SMOOTH RUBBER CRUTCH TIP - BLACK



#09034 Fits 3/4" O.D.

#09036 Fits 1" O.D.

#09035 Fits 7/8" O.D.

#09037 Fits 1-1/4" O.D.

White Available On Request



PLASTIC CAPS - WHITE

Restore worn out chair glides by adding TMS-I.P.S. plastic caps over existing base!

Many Sizes Available.
Send Your Sample For Proper Fit !



SQUARE TUBING SWIVEL GLIDE

#09050 Fits 3/4" OD, 5/8" ID

#09009 Fits 7/8" OD, 3/4" ID

#09010 Fits 1" OD, 7/8" ID

#09106 Fits 1-1/8" OD, 1" ID

1-1/16" PLATED
STEEL BASE



SQUARE TUBING SWIVEL GLIDE

#09023

Fits 7/8" OD, 3/4" ID
15/16" Plated Steel Base
Gold Nylon Sleeve



ECONOMY ROUND CAPS

#09174 Fits 7/8" OD Tube

#09176 Fits 1-1/8" OD Tube

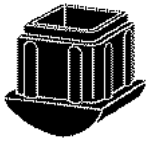
#09175 Fits 1" OD Tube

#09177 Fits 1-1/4" OD Tube



GLIDES

BLACK SQUARE ROCKER INSERT GLIDE



#09159 FITS 3/4" O.D. SQ. TUBE
#09160 FITS 13/16" O.D. SQ. TUBE

BLACK SQUARE ROCKER INSERT GLIDE



09183
FITS 7/8" O.D. SQ. TUBE

SELF ADHESIVE SOFT CARPET GLIDE



09162 7/8" Base
09163 1-1/4" Base

PROTECTS VINYL AND HARDWOOD FLOORS

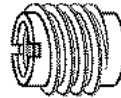
PLASTIC BALL CAP



09150 Fits 3/8" Od Tube
09151 Fits 1/2" Od Tube
09153 Fits 3/4" Od Tube
09154 Fits 1" Od Tube

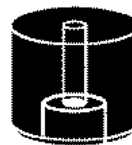
WOODSERTS

STEEL ZINC PLATED



PART #	SIZE	LENGTH	DRILL SIZE
#29005	8-32	3/8"	1/4"
#29006	10-24	1/2"	3/8"
#29007	1/4-20	1/2"	3/8"
#29008	5/16-18	5/8"	1/2"
#29009	3/8-16	5/8"	1/2"

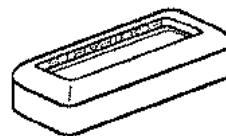
RECESSED RUBBER BUMPER WITH REINFORCING WASHER



#09184
3/4 O.D. X 9/16 HIGH

Use screw to attach to any surface

KNEELER SHOE FOR PEW



#09185
Brown Rubber
2-1/2"L x 1-1/8"W x 1/2"H

NEW!

CHAIR SLIPPERS



#16171
Medium



#02013
Mini



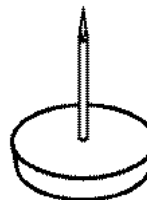
Just squeeze and slip over the
end of the chair leg!

NAIL GLIDE



#09012
7/8" Chrome Base
#09052
1-1/16" Plated Steel Base
#09099
1-1/4" Plated Steel

ECONOMY PLASTIC NAIL GLIDES



#09102 5/8" White Base
#09103 5/8" Beige Base
#09104 7/8" White Base
#09105 7/8" Beige Base

SLIP-OVER GLIDE



#SP9141
Grey, with Brown Felt Base

DUE TO DIFFERENCES IN GAUGE OF TUBING,
PLEASE SUPPLY US WITH YOUR
SAMPLE OF THESE GLIDES



LOCKER

PARTS !

ALL STEEL
AURORA
EDSAL
FEDERAL
INTERIOR
LIST
LYONS
MASTER LOCKS

PARTS!!

MEDART
NATIONAL
PENCO
REPUBLIC
SUPREME
UNIVERSAL
WORLEY
AND MORE !!!

PARTS!!!

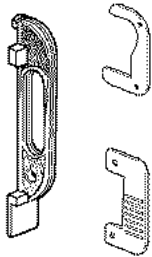
ALL STEEL



#03601

1 Piece Handle

INTERIOR



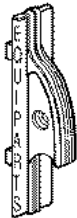
#03635

Locker Handle

#03636

Standard Latch Lifter

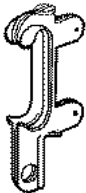
INTERIOR



#03638

Locker Handle

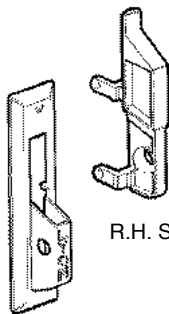
LYON



#03697

Rolled Edge
Handle Lift

LYON



R.H. Shown

#03690

Die Cast Chrome
Stationary Handle

#03691

R.H. Lift

#03692

L.H. Lift

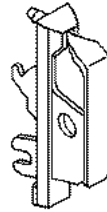
LYON



#03724

Box Locker Pull

PENCO



#03811

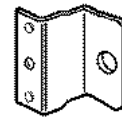
Vanguard Handle
2 Piece

PENCO



#03813

1 Piece Finger
Lift Handle



#03814

Padlock
Staple For
Finger Lift
Handle

PENCO



#03843

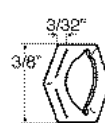
Nylon Latch Clip
For Lock Bar



#03844

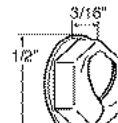
Coiled Spring For
Nylon Latch Clip

PENCO



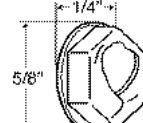
#03815

Palnut
Old Style
For Vanguard Handle
Medium Size



#03816

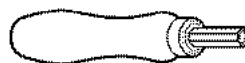
Palnut
New Style
For Vanguard Handle
Medium Size



#03817

Palnut
For Finger Lift Handle
Largest Size

PENCO



#03824

Palnut Tool
Fits **#03815** Palnut



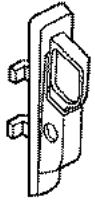
#03825

Palnut Tool
Fits **# 3816** Palnut



LOCKER

REPUBLIC



RH Shown

#03850 R.H.

#03851 L.H.

Used 1965 - present

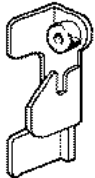
REPUBLIC



#03862

Used 1935 - 1959

REPUBLIC



RH Shown

Old Style Frame Hook

#03881 RH

#03882 LH

Other types and styles available

REPUBLIC



#03915 R.H.

Single Prong
Wall Hook

LH no longer available

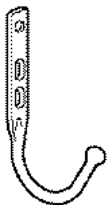
REPUBLIC



#03917

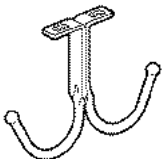
Double Prong Wall Hook

UNIVERSAL HOOKS



#04015

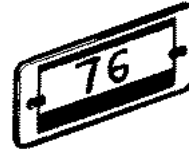
Single Prong Side Hook
Fits All Makes Except Republic



#04016

Double Prong Ceiling Hook
Fits Most Locker Makes

UNIVERSAL NUMBER PLATES



#04010

Specify Numbers Or Blank

#04012

Pop Rivet

UNIVERSAL



#04020

Box Locker Knob

Fits All Locker Makes

FASTENERS FOR LOCKERS



Blindhead Bolts

#04027 10-24 x 3/8"

#04029 10-24 x 1/2"



#04040 LOCKING NUT 10-24



Phillips Head
With Lockwasher

#03870 8-32 x 3/8"

#03871 8-32 x 1/2"

Other sizes and styles in stock



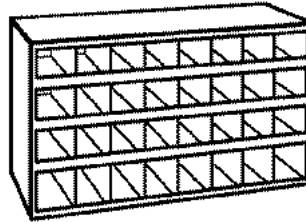
**PARTS FOR
ALL BRANDS !**



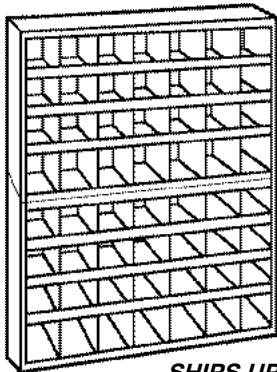
STORAGE BINS

Designed as heavy duty steel units for storing a wide variety of small parts or fasteners. Custom pressure sensitive bin labels are available for your individual requirements. Call for details. Have it your way at INDUSTRIAL PLUMBING SUPPLY !

#71213 32 BIN UNIT



WIDTH	33-1/4"
HEIGHT	19-1/4"
DEPTH	12"
BIN DEPTH	11-7/8"
BIN HEIGHT	4-1/2"
BIN WIDTH	4"

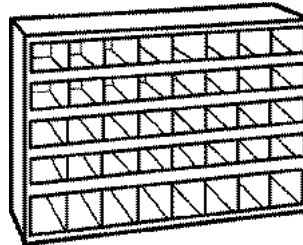


#71212 56 BIN UNIT

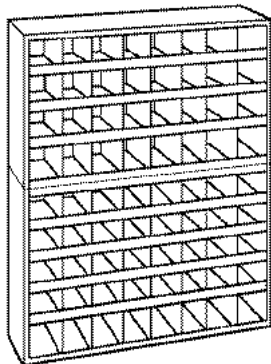
WIDTH	33-1/4"
HEIGHT	42"
DEPTH	9"
BIN DEPTH	8-7/8"
BIN HEIGHT	4-5/8"
BIN WIDTH	4-3/4"

SHIPS UPS IN 2 PARTS

#27969 40 BIN UNIT



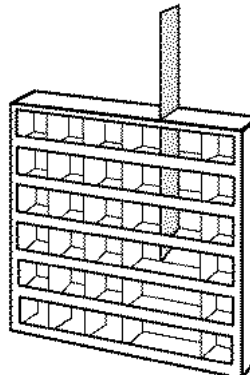
WIDTH	33-1/4"
HEIGHT	22-1/4"
DEPTH	9"
BIN DEPTH	8-7/8"
BIN HEIGHT	4"
BIN WIDTH	4"



#27967 72 BIN UNIT

WIDTH	33-1/4"
HEIGHT	42"
DEPTH	9"
BIN DEPTH	8-7/8"
BIN HEIGHT	4-1/2"
BIN WIDTH	4"

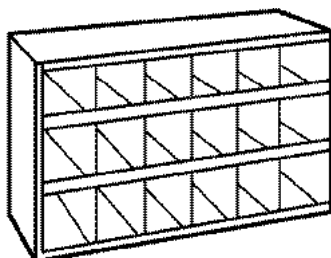
SHIPS UPS IN 2 PARTS



#71214 36 UNIT MULTI-PURPOSE BIN (Wall Mountable)

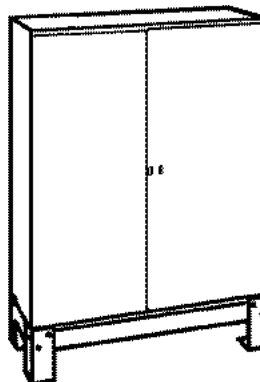
WIDTH	23-5/8"
HEIGHT	23-5/8"
DEPTH	4-3/4"

Removable vertical dividers allow the creation of double width openings.



#27968 18 BIN UNIT

WIDTH	33-3/4"
HEIGHT	19-1/4"
DEPTH	12"
BIN DEPTH	11-7/8"
BIN HEIGHT	6-3/8"
BIN WIDTH	5-1/4"



DOORS WITH PADLOCK ATTACHMENT

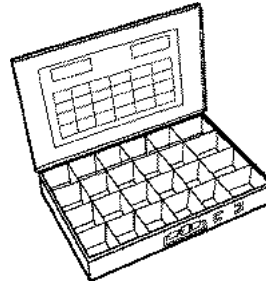
Available for bins #71212, #27967, and # 27969. Bases are also available to raise storage bins off the floor.

CALL FOR DETAILS !

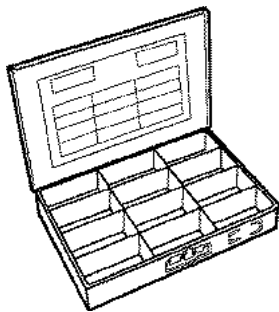


STANDARD DRAWERS

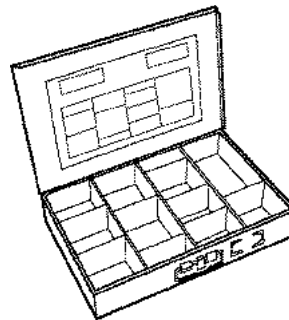
INDUSTRIAL PLUMBING SUPPLY offers a complete line of high quality steel storage drawers with locking catch for ease of portability. Standard draw-ers are 13-5/16" wide x 9" deep x 2" height.



#27976
24 COMPARTMENT

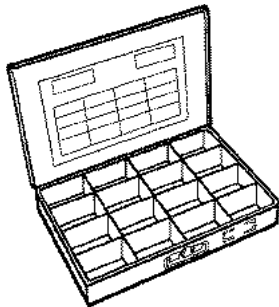


#27914
12 COMPARTMENT

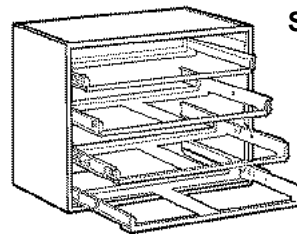


#27977
ADJUST-A- DRAWER

9 removable dividers
for your custom
requirements.

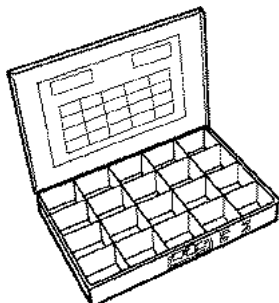


#27913
16 COMPARTMENT

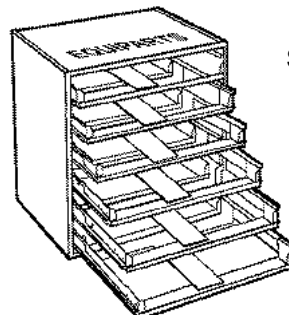


#27972
STANDARD SLIDE RACK
HOLDS 4 DRAWERS

- Width 15-1/4"
- Depth 11-3/4"
- Height 11-1/4"



#27974
20 COMPARTMENT



#27973
STANDARD SLIDE RACK
HOLDS 6 DRAWERS

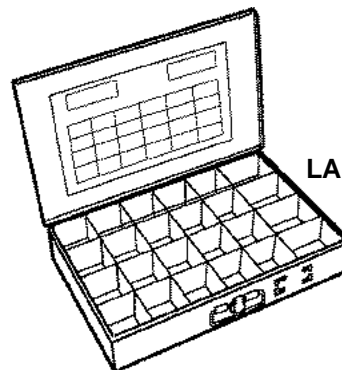
- Width 15-1/4"
- Depth 11-3/4"
- Height 16-5/16"



EXTRA LARGE DRAWERS

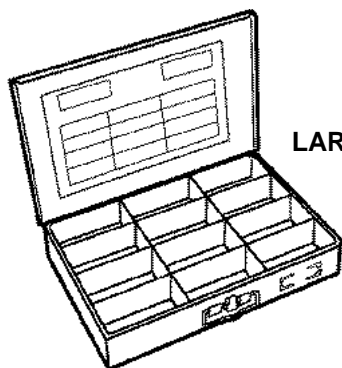
INDUSTRIAL PLUMBING SUPPLY

offers a complete line of high quality steel storage drawers with locking catch for ease of portability. Extra large drawers are 18" wide x 12" deep x 3" height.



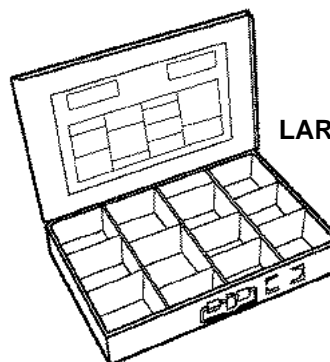
#27971

LARGE 24 COMPARTMENT



#71199

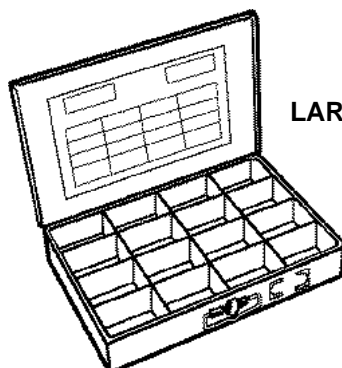
LARGE 12 COMPARTMENT



#27978

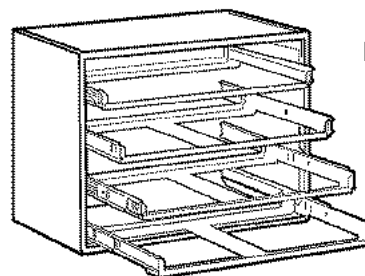
LARGE ADJUST-A-DRAWER

9 removable dividers
for your custom
requirements.



#71200

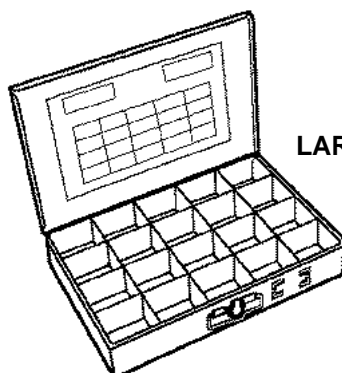
LARGE 16 COMPARTMENT



#27970

LARGE SLIDE RACK
HOLDS 4 DRAWERS

- Width 20"
- Depth 15-3/4"
- Height 15"



#71201

LARGE 20 COMPARTMENT

HAVE IT YOUR WAY AT I.P.S. !!

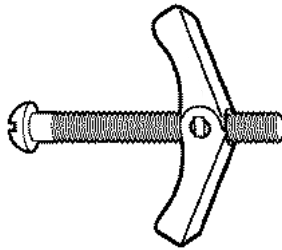
CUSTOM KITS
TO YOUR *EXACT*
SPECIFICATIONS !!

- ELIMINATE PARTS YOU'LL NEVER USE !!
- YOU PICK THE PARTS, WE MAKE THE KIT !



ANCHORS

HEAVY DUTY TOGGLE BOLTS



For use in hollow walls, hung ceilings and horizontal surfaces where gravity action toggles would be difficult to set.

TIRED OF THOSE CHEAP IMPORTED ANCHORS ?
COMPARE OUR QUALITY !



THEIR THREADS



OUR THREADS !

ROUND HEAD (COMBO PHILLIPS SLOTTED)

PART#	SCREW SIZE	DRILL SIZE
#07024	1/8 x 2 (6/32)	3/8
#07025	1/8 x 3 (6/32)	3/8
#07026	1/8 x 4 (6/32)	3/8
#07028	3/16 x 2 (10/24)	1/2
#07029	3/16 x 3 (10/24)	1/2
#07030	3/16 x 4 (10/24)	1/2
#07031	3/16 x 5 (10/24)	1/2
#07032	3/16 x 6 (10/24)	1/2
#07033	1/4 x 3 (1/4-20)	5/8
#07034	1/4 x 4 (1/4-20)	5/8
#07035	1/4 x 5 (1/4-20)	5/8
#07036	1/4 x 6 (1/4-20)	5/8
#07037	5/16 x 3 (5/16-18)	7/8
#07038	5/16 x 4 (5/16-18)	7/8
#07039	5/16 x 5 (5/16-18)	7/8
#07040	5/16 x 6 (5/16-18)	7/8

OTHER SIZES AND STYLES
AVAILABLE ON REQUEST

OUR BEST
PLASTIC
ANCHOR!



ALLIGATOR PLASTIC WALL ANCHORS

#07469	3/16"	#4 - #10
#07470	1/4"	#6 - #12
#07471	5/16"	#8 - #14

ANCHOR KITS

#07562	3/16"	#4 - #10
#07563	1/4"	#6 - #12
#07564	5/16"	#8 - #14

CONTAINS:
• 100 ANCHORS
• 100 SCREWS
• CARBIDE

PLASTIC ANCHORS



PART#	HOLE DIA	SCREW SIZE	BOX QTY.
#07013	3/16	8-10	100
#07017	1/4	10-12	100
#07021	5/16	14-16	100

REUSABLE HAMMER DRIVE ANCHOR



#07462

WORLD'S GREATEST
WALL ANCHOR !



#07462H

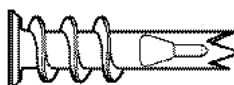
8 Hook, perfect for
hanging applications

Uses #8 sheet metal screws. For use in drywall, pegboard, paneling, and hollow core door applications.

WALLBOARD SCREW ANCHOR FOR DRYWALL APPLICATIONS



#70059
METAL



#07581
PLASTIC

USES #8 SHEET METAL SCREW, MINIMUM 1-1/2" LONG



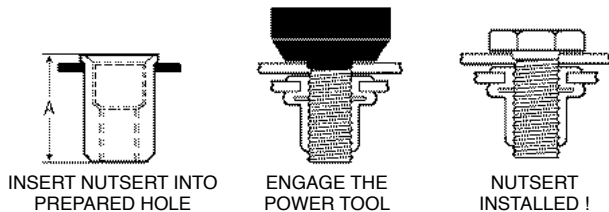
THAT HARD TO
FIND ANCHOR IS
RIGHT HERE !



NUTSERTS

THREADED INSERTS FOR THIN MATERIAL


Nutserts have been designed to provide a highly efficient method of securing threads from one side of the work in materials generally too thin to support them. Its' performance has been proven in plastic, aluminum, mild steel, and fiberglass withstanding high loads without vibrating or loosening under extreme operating conditions. Nutsert is a tension fastener with high pull out, insuring no rotation or vibration where a cover plate is used. The system's unique blind tooling installs nutserts at consistent rates using unskilled labor.



HOW IT WORKS

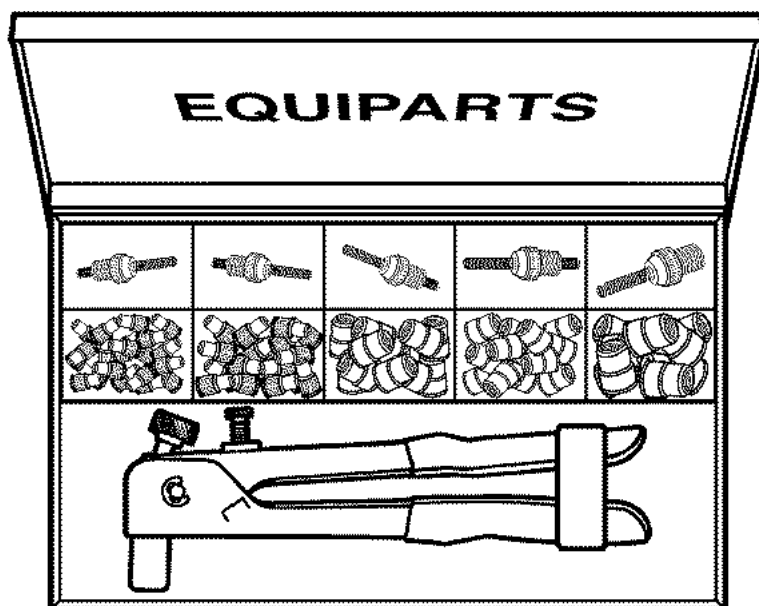
The nutsert, held securely by the tool, is placed into the prepared hole. Upon the tool's actuation, the threaded portion is pulled until the fastener's wall collapses radially outward, clinching it tight against the sheet. The tool is withdrawn, leaving the nutsert ready to receive a bolt or screw. This complete operation takes only a few seconds and can be performed by anyone.

CONVERTERS

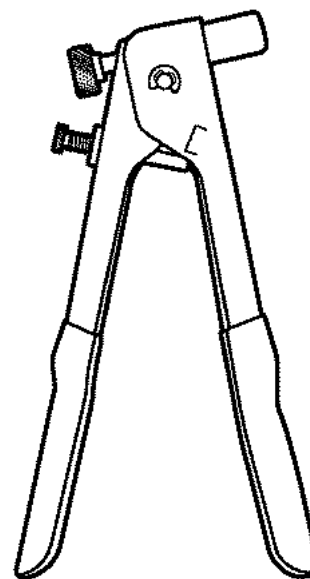
	PART #	THREAD SIZE
	#11151	6-32 UNC
	#11152	8-32 UNC
	#11153	10-24 UNC
	#11154	10-32 UNC
	#11156	1/4-20 UNC
	#11157	5/16-18 UNC
	#11158	3/8-16 UNC

NUTSERTS

PART #	THREAD SIZE AFTER INSTALL	A MAX.	HOLE SIZE
#11049	6-32 UNC	13/32"	1/4"
#11050	8-32 UNC	13/32"	1/4"
#11051	10-24 UNC	15/32"	1/4"
#11052	10-32 UNC	15/32"	9/32"
#11053	12-24 UNC	1/2"	3/8"
#11054	1/4-20 UNC	19/32"	3/8"
#11055	5/16-18 UNC	23/32"	1/2"
#11056	3/8-16 UNC	23/32"	19/32"



#28200
COMPLETE NUTSERT TOOL KIT IN METAL TRAY
 (INCLUDES SIZES: 6-32, 8-32, 10-24, 1/4-20, AND 5/16-18)

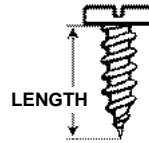


#11057
NUTSERT
HAND TOOL



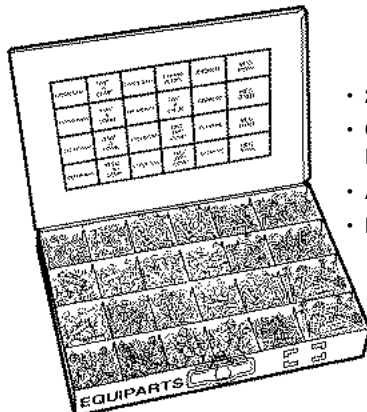
TAPPING SCREWS

COMBINATION PHILLIPS & SLOTTED PAN HEAD SHEET METAL SCREW PLATED STEEL



	SIZE	LENGTH		SIZE	LENGTH		SIZE	LENGTH
#70060	4	x 1/4	#70082	8	x 1/4	#70104	12	x 1/2
#70061		3/8	#70083		3/8	#70105		5/8
#70062		1/2	#70084		1/2	#70106		3/4
#70063		5/8	#70085		5/8	#70107		1
#70064		3/4	#70086		3/4	#70108		1-1/4
#70065		1	#70087		1	#70109		1-1/2
#70066	6	x 1/4	#70088		1-1/4	#70110		1-3/4
#70067		3/8	#70089		1-1/2	#70111		2
#70068		1/2	#70090		1-3/4	#70112		2-1/2
#70069		5/8	#70091		2	#70113		3
#70070		3/4	#70092		3			
#70071		1						
#70072		1-1/4	#70093	10	x 3/8	#70114	14	x 1/2
#70073		1-1/2	#70094		1/2	#70115		5/8
#70074	7	x 1/4	#70095		5/8	#70116		3/4
#70075		3/8	#70096		3/4	#70117		1
#70076		1/2	#70097		1	#70118		1-1/4
#70077		5/8	#70098		1-1/4	#70119		1-1/2
#70078		3/4	#70099		1-1/2	#70120		1-3/4
#70079		1	#70100		1-3/4	#70121		2
#70080		1-1/4	#70101		2	#70122		2-1/2
#70081		1-1/2	#70102		2-1/2	#70123		3
			#70103		3			

CUSTOMIZED ASSORTMENTS



#22776

- 24 VARIETY ASSORTMENT
- COMBINATION PHILLIPS & SLOTTED PAN HEAD SHEET METAL SCREWS
- APPROXIMATELY 1200 PIECES
- HEAVY DUTY LOCKING METAL DRAWER



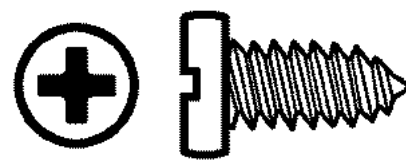
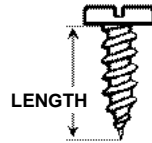
#22777

- 12 VARIETY ASSORTMENT
- COMBINATION PHILLIPS & SLOTTED PAN HEAD SHEET METAL SCREWS
- APPROXIMATELY 150 PIECES
- DURABLE ECONOMICAL PLASTIC BOX



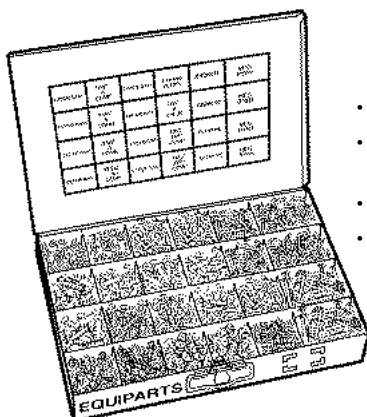
TAPPING SCREWS

PHILLIPS PAN HEAD SHEET METAL SCREW PLATED STEEL



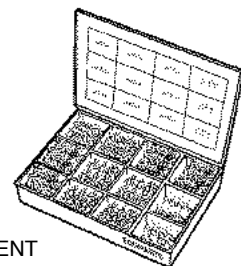
	SIZE	LENGTH		SIZE	LENGTH		SIZE	LENGTH
# 23684	4	x 1/4	# 70128	8	x 1/4	# 23720	12	x 1/2
# 23685		3/8	# 23703		3/8	# 23721		5/8
# 23686		1/2	# 23704		1/2	# 23722		3/4
# 23687		5/8	# 23705		5/8	# 23724		1
# 23688		3/4	# 23706		3/4	# 23725		1-1/4
			# 23707		7/8	# 23726		1-1/2
			# 23708		1	# 70135		1-3/4
			# 23709		1-1/4	# 70136		2
# 23689	6	x 1/4	# 23710		1-1/2	# 70137		2-1/2
# 23690		3/8	# 70129		1-3/4	# 70138		3
# 23691		1/2	# 70130		2			
# 23692		5/8	# 70131		2-1/2			
# 23693		3/4	# 70132		3			
# 23695		1						
# 23696		1-1/4	# 23711	10	x 3/8	# 23727	14	x 1/2
# 70124		1-1/2	# 23712		1/2	# 23728		5/8
# 70125		1-3/4	# 23713		5/8	# 23729		3/4
# 70126		2	# 23714		3/4	# 23730		7/8
			# 23715		1	# 23731		1
# 22697	7	x 3/8	# 23716		1-1/4	# 23732		1-1/4
# 23698		1/2	# 23717		1-1/2	# 23733		1-1/2
# 23700		3/4	# 23718		1-3/4	# 23734		1-3/4
# 23702		1	# 23719		2	# 23735		2
# 70127		1-1/4	# 70133		2-1/2	# 70139		2-1/2
			# 70134		3	# 70140		3

CUSTOMIZED ASSORTMENTS



22794

- 24 VARIETY ASSORTMENT
- PHILLIPS PAN HEAD SHEET METAL SCREWS
- APPROXIMATELY 1200 PIECES
- HEAVY DUTY LOCKING METAL BOX



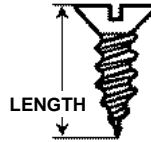
22795

- 12 VARIETY ASSORTMENT
- PHILLIPS PAN HEAD SHEET METAL SCREWS
- APPROXIMATELY 150 PIECES
- DURABLE ECONOMICAL PLASTIC BOX



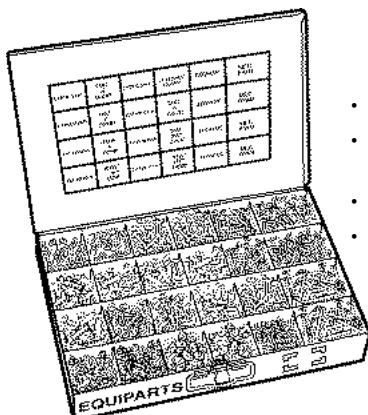
TAPPING SCREWS

PHILLIPS FLAT HEAD SHEET METAL SCREW PLATED STEEL



	SIZE	LENGTH		SIZE	LENGTH		SIZE	LENGTH
# 23737	4	x 3/8	# 23758	8	x 3/4	# 23772	12	x 1/2
# 23738		1/2	# 23760		1	# 23773		5/8
# 23739		5/8	# 23761		1-1/4	# 23774		3/4
# 23740		3/4	# 23762		1-1/2	# 23776		1
# 23736		1	# 70144		1-3/4	# 23777		1-1/4
# 23741	6	x 1/4	# 70145		2	# 23778		1-1/2
# 23742		3/8	# 70146		2-1/2	# 70150		1-3/4
# 23743		1/2	# 70147		3	# 70151		2
# 23744		5/8	# 23763	10	x 3/8	# 70152		2-1/2
# 23745		3/4	# 23764		1/2	# 70153		3
# 23746		7/8	# 23765		5/8	# 23781	14	x 3/4
# 23747		1	# 23766		3/4	# 23783		1
# 23748		1-1/4	# 23767		1	# 23784		1-1/4
# 70141		1-1/2	# 23768		1-1/4	# 23785		1-1/2
# 70142		1-3/4	# 23769		1-1/2	# 23786		1-3/4
# 70143		2	# 23770		1-3/4	# 23787		2
# 22755	8	x 3/8	# 23771		2	# 70154		2-1/2
# 23756		1/2	# 70148		2-1/2	# 70155		3
# 23757		5/8	# 70149		3			

CUSTOMIZED ASSORTMENTS



22806

- 24 VARIETY ASSORTMENT
- PHILLIPS FLAT HEAD SHEET METAL SCREWS
- APPROXIMATELY 1200 PIECES
- HEAVY DUTY LOCKING METAL BOX



22807

- 12 VARIETY ASSORTMENT
- PHILLIPS FLAT HEAD SHEET METAL SCREWS
- APPROXIMATELY 150 PIECES DURABLE
- ECONOMICAL PLASTIC BOX



SECURITY SCREWS

PHILLIPS PAN HEAD SHEET METAL SCREW STAINLESS STEEL

OUR BEST TYPE SECURITY FASTENER !



	SIZE	LENGTH
# 70882	6	x 1/2
# 70883		5/8
# 70884		3/4
# 70885		1
# 70886		1-1/4
# 70887		1-1/2
# 70888		2

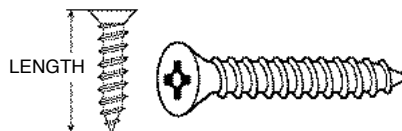
# 70889	8	x 3/8
# 70890		1/2
# 70891		3/4
# 70892		1
# 70893		1-1/4
# 70894		1-1/2
# 70895		2
# 70896		2-1/2
# 70897		3

# 70898	10	x 1/2
# 70899		3/4
# 70900		1
# 70901		1-1/4
# 70902		1-1/2
# 70903		2
# 70904		2-1/2
# 70905		3
# 70906		3-1/2

	SIZE	LENGTH
# 70907	12	x 1/2
# 70908		3/4
# 70909		1
# 70910		1-1/4
# 70911		1-1/2
# 70912		2
# 70913		2-1/2
# 70914		3

# 70915	14	x 1/2
# 70916		3/4
# 70917		1
# 70918		1-1/4
# 70919		1-1/2
# 70920		2
# 70921		2-1/2
# 70922		3

PHILLIPS FLAT HEAD SHEET METAL SCREW STAINLESS STEEL



# 71196	6	x 1/2
# 70923		3/4
# 70924		1
# 70925		1-1/4
# 70926		1-1/2
# 70927		2

# 70928	8	x 1/2
# 70929		3/4
# 70930		1
# 70931		1-1/4

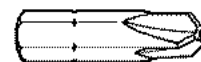
	SIZE	LENGTH
# 70932	8	x 1-1/2
# 70933		2
# 70934		2-1/2
# 70935		3

# 70936	10	x 1/2
# 70937		3/4
# 70938		1
# 70939		1-1/4
# 70940		1-1/2
# 70941		2
# 70942		2-1/2
# 70943		3

# 70944	12	x 1/2
# 70945		3/4
# 70946		1
# 70947		1-1/4
# 70948		1-1/2
# 70949		2
# 70950		2-1/2
# 70951		3

# 70952	14	x 1/2
# 70953		3/4
# 70954		1
# 70955		1-1/4
# 70956		1-1/2
# 70957		2
# 70958		2-1/2
# 70959		3

PHILLIPS PIN HEAD BITS

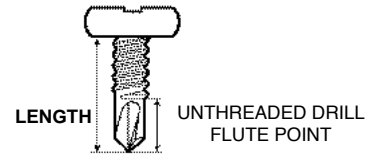


# 71154	#2 (1/4" HEX)
# 71155	#3 (1/4" HEX)



SELF-DRILLING SCREWS

SELF-DRILLING SCREWS HEX WASHER HEAD PLATED STEEL



	SIZE	LENGTH
# 22796	6	x 3/8
# 22797		1/2
# 22882		5/8
# 22883		3/4
# 22884		1
# 22885		1-1/4
# 22886		1-1/2

# 28086	8	x 1/2
# 28085		5/8
# 28087		3/4
# 28088		1
# 28089		1-1/4
# 28090		1-1/2
# 22887		2



23006

1/4" MAGNETIC CHUCK
WITH 1/4" HEXAGONAL SHANK
USE WITH ABOVE SIZE SCREWS

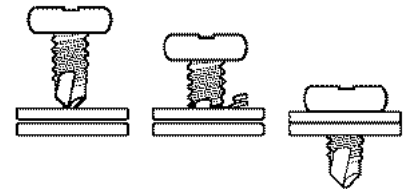
	SIZE	LENGTH
# 28091	10	x 1/2
# 28092		5/8
# 28093		3/4
# 28094		1
# 22888		1-1/4
# 22889		1-1/2
# 22890		2

# 25140	12	x 3/4
# 25141		1
# 25142		1-1/4
# 25143		1-1/2
# 22891		2



28095

5/16" MAGNETIC CHUCK
WITH 1/4" HEXAGONAL SHANK
USE WITH ABOVE SIZE SCREWS



**DRILL, TAP, AND FASTEN
IN ONE OPERATION !**

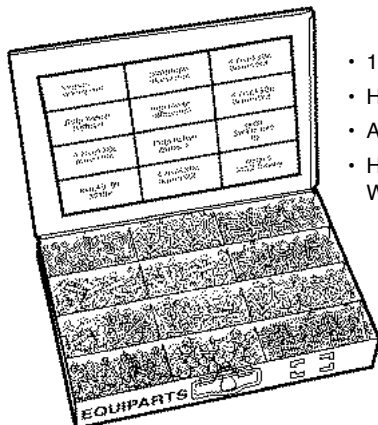
	SIZE	LENGTH
# 22892	14	x 3/4
# 22893		1
# 22894		1-1/4
# 22895		1-1/2
# 22896		2
# 22897		2-1/2



28096

3/8" MAGNETIC CHUCK
WITH 1/4" HEXAGONAL SHANK
USE WITH ABOVE SIZE SCREWS

CUSTOMIZED ASSORTMENTS



28106

- 12 VARIETY ASSORTMENT
- HEX WASHER SELF-DRILLING SCREWS
- APPROXIMATELY 600 PIECES
- HEAVY DUTY LOCKING METAL BOX WITH 2 MAGNETIC CHUCKS

22645

- 12 VARIETY ASSORTMENT
- HEX WASHER PAN HEAD SELF-DRILLING SCREWS
- APPROXIMATELY 125 PIECES
- DURABLE ECONOMICAL PLASTIC BOX



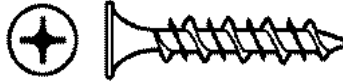
DRYWALL SCREWS

PHILLIPS HEAD COARSE THREAD BLACK PHOSPHATE FINISH



	SIZE	LENGTH
# 70051	6	x 1
# 70052		1-1/8
# 70053		1-1/4
# 70054		1-5/8
# 70055		2
# 70056		2-1/4
# 70057	8	x 2-1/2
# 70058		3

HIGH/LOW DRYWALL SCREWS BLACK PHOSPHATE



	SIZE	LENGTH
# 71113	6	x 1
# 71114		1-1/8
# 71115		1-1/4
# 71116		1-5/8
# 71117		2
# 71118		2-1/4
# 71119	7	x 2-1/2
# 71120	8	x 3

STUDBUSTER DRYWALL SCREWS TWINFAST THREAD BLACK PHOSPHATE



	SIZE	LENGTH
# 71121	6	x 1
# 71122		1-1/8
# 71123		1-1/4
# 71124		1-5/8
# 71125		2
# 71126		2-1/4
# 71127	8	x 2-1/2
# 71128		3

STUDBUSTER DECK SCREWS COARSE THREAD DURASHIELD FINISH



	SIZE	LENGTH
# 71104	6	x 1
# 71105		1-1/4
# 71106		1-5/8
# 71107		2
# 71108	8	x 2-1/2
# 71109		3
# 71110	10	x 3-1/2
# 71111		4
# 71112		5

STUDBUSTER DRYWALL SCREWS BLACK PHOSPHATE FINISH



	SIZE	LENGTH
# 71202	6	x 1
# 71203		1-1/4
# 71204		1-5/8
# 71205		2
# 71206		2-1/4
# 71207	8	x 2-1/2
# 71208		3

PHILLIPS BIT 1" LENGTH



	SIZE
# 70521	#1
# 70522	#2
# 70523	#3

SQUARE BIT 1" LENGTH



	SIZE
# 71129	0
# 71130	1
# 71131	2
# 71132	3



WASHERS

FLAT USS TYPE (MOST COMMON) PLATED



	SIZE	I.D.	O.D.
# 21889	10	1/4	9/16
# 21891	1/4	5/16	3/4
# 21892	5/16	3/8	7/8
# 21893	3/8	7/16	1
# 21894	7/16	1/2	1-1/4
# 21895	1/2	9/16	1-3/8
# 21897	5/8	11/16	1-3/4
# 21898	3/4	13/16	2
# 21899	7/8	15/16	2-1/4
# 21900	1	1-1/16	2-1/2
# 21901	1-1/8	1-1/4	2-3/4
# 21902	1-1/4	1-3/8	3
# 21903	1-1/2	1-5/8	3-1/2

FLAT SAE TYPE PLATED



	SIZE	I.D.	O.D.
# 23539	6	5/32	3/8
# 23540	8	3/16	7/16
# 23541	10	7/32	1/2
# 25125	12	1/4	9/16
# 25127	1/4	9/32	5/8
# 25126	5/16	11/32	11/16
# 23545	3/8	1/4	9/16
# 23546	7/16	9/32	5/8
# 23547	1/2	11/32	11/16
# 23549	5/8	13/32	13/16
# 23550	3/4	15/32	59/64
# 23551	7/8	17/32	1-1/16
# 23552	1	19/32	1-3/16
# 23553	1-1/8	1-3/16	2-1/4
# 23554	1-1/4	1-5/16	2-1/2
# 70199	1-3/8	1-7/16	2-3/4
# 23555	1-1/2	1-9/16	3

GRADE 8 FLAT PLATED



	SIZE		SIZE
# 25250	1/4	# 25255	9/16
# 25251	5/16	# 25256	5/8
# 25252	3/8	# 25257	3/4
# 25253	7/16	# 25258	7/8
# 25254	1/2	# 25259	1

FENDER WASHER PLATED



	SIZE		SIZE
# 70200	1/8 x 5/8	# 21909	5/16 x 1-1/4
# 70201	3/16 x 1/2	# 21910	5/16 x 1-1/2
# 21904	3/16 x 1	# 70204	3/8 x 1
# 21905	3/16 x 1-1/4	# 21912	3/8 x 1-1/4
# 70202	1/4 x 1/2	# 21913	3/8 x 1-1/2
# 21906	1/4 x 1	# 70205	3/8 x 1-5/8
# 21907	1/4 x 1-1/4	# 21914	1/2 x 1-1/2
# 21908	1/4 x 1-1/2	# 70206	1/2 x 2
# 70203	1/4 x 2		



WASHERS

SPLIT MEDIUM LOCK WASHER PLATED



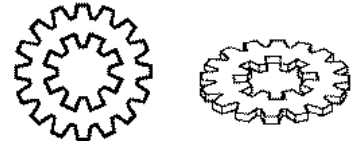
	SIZE
# 70207	2
# 70208	3
# 21916	4
# 70209	5
# 21917	6
# 21918	8
# 21919	10
# 21920	12
# 21921	1/4
# 21922	5/16
# 21923	3/8
# 21924	7/16
# 21925	1/2
# 21926	9/16
# 21927	5/8
# 21928	3/4
# 21929	7/8
# 21930	1

SPLIT GRADE 8 LOCK WASHER PLATED



	SIZE
# 70210	2
# 70211	3
# 70212	4
# 70213	5
# 70214	6
# 70215	8
# 70216	10
# 70217	12
# 70218	1/4
# 70219	5/16
# 70220	3/8
# 70221	7/16
# 70222	1/2
# 70223	9/16
# 70224	5/8
# 70225	3/4
# 70226	7/8
# 70227	1

INTERNAL EXTERNAL TOOTH LOCKWASHER PLATED



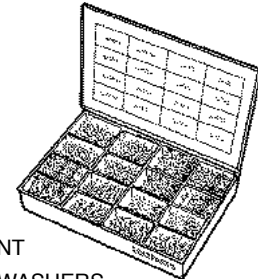
	SIZE
# 70228	6
# 70229	8
# 21974	10
# 70230	12
# 21975	1/4
# 21976	5/16
# 21977	3/8
# 21978	7/16
# 21979	1/2
# 70231	5/8
# 70232	3/4

CUSTOMIZED ASSORTMENTS



28038

- 20 VARIETY ASSORTMENT
- FLAT, FENDER, & LOCK WASHERS
- APPROXIMATELY 1000 PIECES
- HEAVY DUTY LOCKING METAL BOX



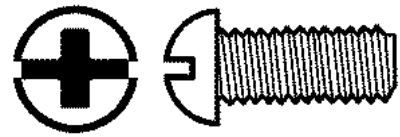
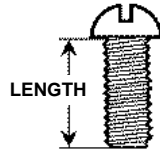
70520

- 16 VARIETY ASSORTMENT
- FLAT, FENDER, & LOCK WASHERS
- APPROXIMATELY 200 PIECES
- DURABLE ECONOMICAL PLASTIC BOX



MACHINE SCREWS

COMBINATION PHILLIPS & SLOTTED ROUND HEAD MACHINE SCREW PLATED STEEL



	SIZE	LENGTH
# 25067	6-32	x 1/2
# 25068		3/4
# 25069		1
# 25070		1-1/4
# 25071		1-1/2
# 25072		2

	SIZE	LENGTH
# 25087	10-32	x 3/8
# 25088		1/2
# 25089		3/4
# 25090		1
# 25091		1-1/2

HEX NUTS PLATED STEEL



# 22057	6/32
# 22058	8/32
# 22059	10/24
# 23646	10/32
# 22061	1/4-20

# 25073	8-32	x 3/8
# 25074		1/2
# 25075		3/4
# 25076		1
# 25077		1-1/4
# 25078		1-1/2
# 25079		2
# 25080		2-1/2
# 25081		3

# 25092	1/4-20	x 3/8
# 25093		1/2
# 25094		3/4
# 25095		1
# 25096		1-1/4
# 25097		1-1/2
# 25098		2
# 25099		2-1/2
# 25100		3

LOCKWASHERS - MEDIUM PLATED STEEL



# 21917	6
# 21918	8
# 21919	10
# 21921	1/4

	SIZE	LENGTH
# 25082	10-24	x 1/2
# 25083		3/4
# 25084		1
# 25085		1-1/2
# 25086		2

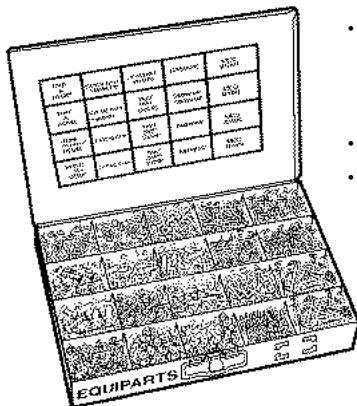
FLAT WASHERS - USS PLATED STEEL



# 21887	6
# 21888	8
# 21889	10
# 21891	1/4

CUSTOMIZED ASSORTMENTS

25101



- 20 VARIETY ASSORTMENT
COMBINATION PHILLIPS & SLOTTED
ROUND HEAD MACHINE SCREWS
WITH HEX NUTS
- APPROXIMATELY 800 PIECES
- HEAVY DUTY LOCKING METAL BOX

25102

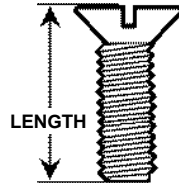


- 12 VARIETY ASSORTMENT
COMBINATION PHILLIPS & SLOTTED
ROUND HEAD MACHINE SCREWS
- APPROXIMATELY 100 PIECES
- DURABLE ECONOMICAL PLASTIC BOX



MACHINE SCREWS

PHILLIPS FLAT HEAD MACHINE SCREW PLATED STEEL

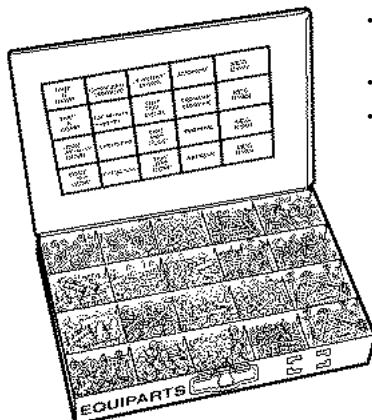


SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH
# 71061	4-40 x 1/4	# 71078	10-24 x 5/16	# 71096	1/4-20 x 3/8
# 71062	5/16	# 71079	3/8	# 71097	1/2
# 71063	3/8	# 71080	1/2	# 71098	5/8
# 71064	1/2	# 71081	5/8	# 71099	3/4
# 71065	3/4	# 71082	3/4	# 71100	1
# 71066	6-32 x 1/4	# 71083	1	# 71101	1-1/4
# 71067	5/16	# 71084	1-1/4	# 71102	1-1/2
# 71068	3/8	# 71085	1-1/2	# 71103	2
# 71069	1/2	# 71086	2		
# 71070	3/4	# 71087	10-32 x 5/16		
# 71071	8-32 x 1/4	# 71088	3/8		
# 71072	5/16	# 71089	1/2		
# 71073	3/8	# 71090	5/8		
# 71074	1/2	# 71091	3/4		
# 71075	5/8	# 71092	1		
# 71076	3/4	# 71093	1-1/4		
# 71077	1	# 71094	1-1/2		
		# 71095	2		

CUSTOMIZED ASSORTMENTS

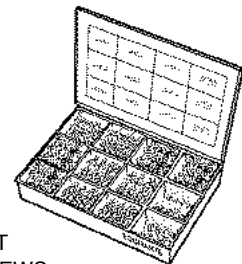
71210

- 20 VARIETY ASSORTMENT FLAT HEAD PHILLIPS MACHINE SCREWS
- APPROXIMATELY 500 PIECES
- HEAVY DUTY LOCKING METAL BOX



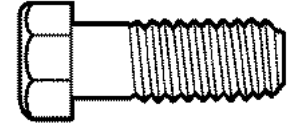
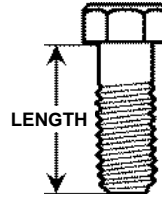
71211

- 12 VARIETY ASSORTMENT FLAT HEAD PHILLIPS MACHINE SCREWS
- APPROXIMATELY 100 PIECES
- DURABLE ECONOMICAL PLASTIC BOX



HEX CAP SCREWS

**GRADE 5 MEDIUM CARBON STEEL
QUENCHED AND TEMPERED
HEX HEAD BOLT
USS (COARSE) PLATED**



GRADE 5

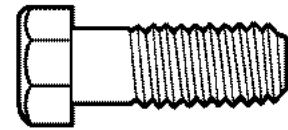
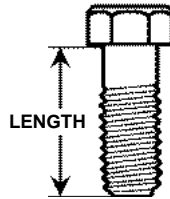
SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH
# 21003	1/4-20 x 1/2	# 21032	5/16-18 x 2	# 21059	3/8-16 x 3-3/4
# 21004	5/8	# 21033	2-1/4	# 21060	4
# 21005	3/4	# 21034	2-1/2	# 21061	4-1/2
# 21006	7/8	# 21035	3	# 21062	5
# 21007	1	# 21036	3-1/4	# 21063	5-1/2
# 21008	1-1/4	# 21037	3-1/2	# 21064	6
# 21009	1-1/2	# 21038	3-3/4		
# 21010	1-3/4	# 21039	4	# 21065	7/16-14 x 3/4
# 21011	2	# 21040	4-1/2	# 21066	7/8
# 21012	2-1/4	# 21041	5	# 21067	1
# 21013	2-1/2	# 21042	5-1/2	# 21068	1-1/4
# 21014	2-3/4	# 21043	6	# 21069	1-1/2
# 21015	3			# 21070	1-3/4
# 21016	3-1/4	# 21044	3/8-16 x 1/2	# 21071	2
# 21017	3-1/2	# 21045	5/8	# 21072	2-1/4
# 21018	3-3/4	# 21046	3/4	# 21073	2-1/2
# 21019	4	# 21047	7/8	# 21074	2-3/4
# 21020	4-1/2	# 21048	1	# 21075	3
# 21021	5	# 21049	1-1/4	# 21076	3-1/4
# 21022	5-1/2	# 21050	1-1/2	# 21077	3-1/2
# 21023	6	# 21051	1-3/4	# 21078	4
# 21024	5/16-18 x 1/2	# 21052	2	# 21079	4-1/2
# 21025	5/8	# 21053	2-1/4	# 21080	5
# 21026	3/4	# 21054	2-1/2	# 21081	5-1/2
# 21027	7/8	# 21055	2-3/4	# 21082	6
# 21028	1	# 21056	3		
# 21029	1-1/4	# 21057	3-1/4		
# 21030	1-1/2	# 21058	3-1/2		
# 21031	1-3/4				

**SAE FINE THREAD SIZES
AVAILABLE ON REQUEST**



HEX CAP SCREWS

**GRADE 5 MEDIUM CARBON STEEL
QUENCHED AND TEMPERED
HEX HEAD BOLT
USS (COARSE) PLATED**

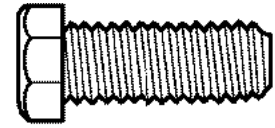
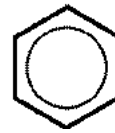
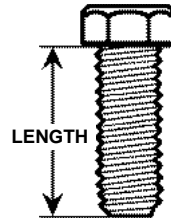


SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH
# 21083	1/2-13 x 3/4	# 21111	9/16-12 x 2-1/4	# 21139	6
# 21084	7/8	# 21112	2-1/2	# 21140	6-1/2
# 21085	1	# 21113	2-3/4	# 21141	7
# 21086	1-1/4	# 21114	3	# 21142	7-1/2
# 21087	1-1/2	# 21115	3-1/4	# 21143	8
# 21088	1-3/4	# 21116	3-1/2		
# 21089	2	# 21117	3-3/4		
# 21090	2-1/4	# 21118	4	# 21145	3/4-10 x 1
# 21091	2-1/2	# 21119	4-1/2	# 21146	1-1/4
# 21092	2-3/4	# 21120	5	# 21147	1-1/2
# 21093	3	# 21121	5-1/2	# 21148	1-3/4
# 21094	3-1/4	# 21122	6	# 21149	2
# 21095	3-1/2			# 21150	2-1/4
# 21096	3-3/4	# 21123	5/8-11 x 1	# 21151	2-1/2
# 21097	4	# 21124	1-1/4	# 21152	2-3/4
# 21098	4-1/2	# 21125	1-1/2	# 21153	3
# 21099	5	# 21126	1-3/4	# 21154	3-1/4
# 21100	5-1/2	# 21127	2	# 21155	3-1/2
# 21101	6	# 21128	2-1/4	# 21156	3-3/4
# 21102	6-1/2	# 21129	2-1/2	# 21157	4
# 21103	7	# 21130	2-3/4	# 21158	4-1/2
# 21104	7-1/2	# 21131	3	# 21159	5
# 21105	8	# 21132	3-1/4	# 21160	5-1/2
# 70178	9	# 21133	3-1/2	# 21161	6
# 21106	9/16-12 x 1	# 21134	3-3/4	# 21162	6-1/2
# 21107	1-1/4	# 21135	4	# 21163	7
# 21108	1-1/2	# 21136	4-1/2	# 21164	7-1/2
# 21109	1-3/4	# 21137	5	# 21165	8
# 21110	2	# 21138	5-1/2	# 21166	9

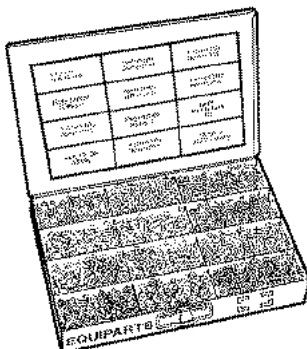


HEX BODY BOLTS

**HEX BODY BOLTS
"THREADED TO HEAD"
LOW CARBON STEEL
USS (COARSE) PLATED**



SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH
# 23346	6/32 x 1/4	# 21226	1/4-20 x 1	# 21255	1/2-13 x 1-1/2
# 23347	5/16	# 21227	1-1/4	# 21256	1-3/4
# 23348	3/8	# 21228	1-1/2	# 21257	2
# 23349	1/2	# 21229	1-3/4	# 70186	2-1/4
# 23350	3/4	# 21230	2	# 70187	2-1/2
# 23351	1	# 70179	3	# 70188	3
# 23352	8/32 x 1/4	# 21235	5/16-18 x 1	# 70189	3-1/2
# 23353	5/16	# 21236	1-1/4	# 70190	4
# 23354	3/8	# 21237	1-1/2	# 70191	5/8-11 x 1-1/2
# 23355	1/2	# 21238	1-3/4	# 70192	1-3/4
# 23356	5/8	# 21239	2	# 70193	2
# 23357	3/4	# 70180	2-1/2	# 70194	2-1/4
# 23358	1	# 70181	3	# 70195	2-1/2
# 23359	10/24 x 3/8	# 70182	4	# 70196	3
# 23360	1/2	# 21242	3/8-16 x 1	# 70197	3-1/2
# 23361	5/8	# 21243	1-1/4	# 70198	4
# 23362	3/4	# 21244	1-1/2		
# 23363	1	# 21245	1-3/4		
# 23364	1-1/2	# 21246	2		



CUSTOMIZED ASSORTMENTS

27996

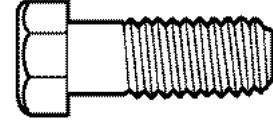
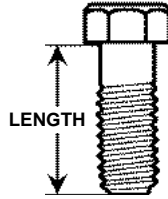
- 12 VARIETY ASSORTMENT
1/4, 5/16, 3/8 HEX BODY BOLTS
- APPROXIMATELY 300 PIECES
- HEAVY DUTY LOCKING METAL BOX

**LET I.P.S. CUSTOMIZE
YOUR KIT. CALL US
WITH THE SIZES YOU
WANT !WE CAN DO IT !**



HEX CAP SCREWS

**GRADE 8 MEDIUM CARBON STEEL
QUENCHED AND TEMPERED
HEX HEAD BOLT
USS (COARSE) PLATED**



GRADE 8

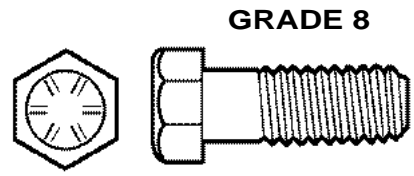
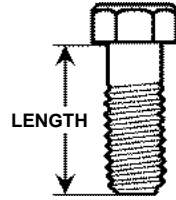
SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH
# 70268	1/4-20 x 1/2	# 70297	5/16-18 x 2	# 70324	3/8-16 x 3-3/4
# 70269	5/8	# 70298	2-1/4	# 70325	4
# 70270	3/4	# 70299	2-1/2	# 70326	4-1/2
# 70271	7/8	# 70300	3	# 70327	5
# 70272	1	# 70301	3-1/4	# 70328	5-1/2
# 70273	1-1/4	# 70302	3-1/2	# 70329	6
# 70274	1-1/2	# 70303	3-3/4		
# 70275	1-3/4	# 70304	4	# 70330	7/16-14 x 3/4
# 70276	2	# 70305	4-1/2	# 70331	1
# 70277	2-1/4	# 70306	5	# 70332	1-1/4
# 70278	2-1/2	# 70307	5-1/2	# 70333	1-1/2
# 70279	2-3/4	# 70308	6	# 70334	1-3/4
# 70280	3			# 70335	2
# 70281	3-1/4	# 70309	3/8-16 x 1/2	# 70336	2-1/4
# 70282	3-1/2	# 70310	5/8	# 70337	2-1/2
# 70283	3-3/4	# 70311	3/4	# 70338	2-3/4
# 70284	4	# 70312	7/8	# 70339	3
# 70285	4-1/2	# 70313	1	# 70340	3-1/4
# 70286	5	# 70314	1-1/4	# 70341	3-1/2
# 70287	5-1/2	# 70315	1-1/2	# 70342	4
# 70288	6	# 70316	1-3/4	# 70343	4-1/2
# 70289	5/16-18 x 1/2	# 70317	2	# 70344	5
# 70290	5/8	# 70318	2-1/4	# 70345	5-1/2
# 70291	3/4	# 70319	2-1/2	# 70346	6
# 70292	7/8	# 70320	2-3/4		
# 70293	1	# 70321	3		
# 70294	1-1/4	# 70322	3-1/4		
# 70295	1-1/2	# 70323	3-1/2		
# 70296	1-3/4				

**SAE FINE THREAD SIZES
AVAILABLE ON REQUEST**



HEX CAP SCREWS

**GRADE 8 MEDIUM CARBON STEEL
QUENCHED AND TEMPERED
HEX HEAD BOLT
USS (COARSE) PLATED**



GRADE 8

SIZE		LENGTH	SIZE		LENGTH	SIZE		LENGTH
# 70347	1/2-13	x 3/4	# 70376	9/16-12	x 2-1/2	# 70403	5/8-11	x 6
# 70348		7/8	# 70377		2-3/4	# 70404		7
# 70349		1	# 70378		3	# 70405		8
# 70350		1-1/4	# 70379		3-1/4	# 70406 3/4-10 x 1		
# 70351		1-1/2	# 70380		3-1/2			
# 70352		1-3/4	# 70381		3-3/4			
# 70353		2	# 70382		4			
# 70354		2-1/4	# 70383		4-1/2			
# 70355		2-1/2	# 70384		5			
# 70356		2-3/4	# 70385		5-1/2			
# 70357		3	# 70386		6			
# 70358		3-1/4	# 70387 5/8-11 x 1					
# 70359		3-1/2						
# 70360		3-3/4						
# 70361		4						
# 70362		4-1/2						
# 70363		5						
# 70364		5-1/2						
# 70365		6						
# 70366		6-1/2						
# 70367		7						
# 70368		7-1/2						
# 70369		8						
# 70370	9/16-12	x 1		# 70388		1-1/4		
# 70371		1-1/4		# 70389		1-1/2		
# 70372		1-1/2		# 70390		1-3/4		
# 70373		1-3/4		# 70391		2		
# 70374		2		# 70392		2-1/4		
# 70375		2-1/4		# 70393		2-1/2		
			# 70394		2-3/4			
			# 70395		3			
			# 70396		3-1/4			
			# 70397		3-1/2			
			# 70398		3-3/4			
			# 70399		4			
			# 70400		4-1/2			
			# 70401		5			
			# 70402		5-1/2			
						DON'T SEE IT ? CALL AND ASK... WE CAN HELP !!!		

**DON'T SEE IT ?
CALL AND ASK...
WE CAN HELP !!!**



HEX NUTS

MACHINE SCREW HEX NUTS PLATED STEEL



FINISHED HEAT TREATED HEX NUTS PLATED STEEL



GRADE 8 HEAT TREATED ALLOY STEEL- (YELLOW) ZINC DICHROMATE FINISH



USS THREADS

	SIZE	W.A.F.	THICK
# 22054	2-56	3/16	1/16
# 70233	3-48	3/16	1/16
# 22055	4-40	1/4	3/32
# 22056	5-40	5/16	7/64
# 22057	6-32	5/16	7/64
# 22058	8/32	10/24	12/24
# 22059	10/24	3/8	1/8
# 22060	12/24	7/16	5/32
# 22061	1/4-20	7/16	3/16
# 22062	5/16-18	9/16	7/32
# 22063	3/8-16	5/8	1/4

SAE THREADS

# 70234	3-56	3/16	1/16
# 23642	4-48	1/4	3/32
# 23644	6-40	5/16	7/64
# 23646	10-32	3/8	1/8
# 23648	1/4-28	7/16	3/16

CALL FOR OTHER
SIZES NOT SHOWN

USS THREADS

	SIZE
# 21994	1/4-20
# 21995	5/16-18
# 21996	3/8-16
# 21997	7/16-14
# 21998	1/2-13
# 21999	9/16-12
# 22000	5/8-11
# 22001	3/4-10
# 22002	7/8-9
# 22003	1-8

SAE THREADS

# 23648	1/4-28
# 23557	5/16-24
# 23558	3/8-24
# 23559	7/16-20
# 23560	1/2-20
# 23561	9/16-18
# 23562	5/8-18
# 23563	3/4-16
# 23564	7/8-14
# 23565	1-14

USS THREADS

	SIZE
# 22041	1/4-20
# 22042	5/16-18
# 22043	3/8-16
# 22044	7/16-14
# 22045	1/2-13
# 22046	9/16-12
# 22047	5/8-11
# 22048	3/4-10
# 22049	7/8-9
# 22050	1-8
# 22051	1-1/8-7
# 22052	1-1/4-7
# 22053	1-1/2-6

LOCKING "K" NUT PLATED



# 70526	6/32	# 22067	1/4-20
# 22064	8/32	# 23652	1/4-28
# 22065	10/24	# 22068	5/16-18
# 23651	10/32	# 22069	3/8-16

CUSTOMIZED ASSORTMENTS



28029

HEX NUT ASSORTMENT
16 VARIETY



28031

NYLON LOCKING NUTS
& LOCKING "K" NUTS
16 VARIETY



28032

OUR MOST POPULAR ASSORTMENT !
HEX NUTS & WASHERS
24 VARIETY



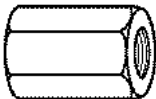
SPECIALTY NUTS

WING NUT PLATED



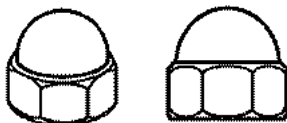
# 22016	6/32
# 22017	8/32
# 22018	10/24
# 22019	10/32
# 22020	1/4-20
# 22021	5/16-18
# 22022	3/8-16
# 22023	7/16-14
# 22024	1/2-13
# 70266	5/8-11
# 70267	3/4-10

COUPLING NUT PLATED



# 28598	1/4-20
# 28559	5/16-18
# 28560	3/8-16
# 28561	1/2-13
# 28562	5/8-11
# 28563	3/4-10
# 28564	7/8-9
# 28565	1-8

ACORN NUTS PLATED



# 28566	6/32
# 28567	8/32
# 28568	10/24
# 28569	10/32
# 28570	1/4-20
# 28571	5/16-18
# 28572	3/8-16
# 28573	1/2-13

NYLON INSERT LOCKING NUTS (GREAT FOR VIBRATION) PLATED



USS THREADS

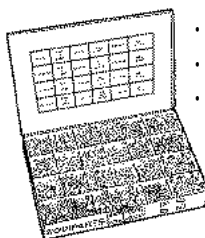
# 22025	4/40
# 22039	5/40
# 22026	6/32
# 22027	8/32
# 22028	10/24
# 22029	1/4-20
# 22030	5/16-18
# 22031	3/8-16
# 22032	7/16-14
# 22033	1/2-13
# 22034	9/16-12
# 22035	5/8-11
# 22036	3/4-10
# 22037	7/8-9
# 22038	1-8

SAE THREADS

# 23606	10/32
# 23607	1/4-28
# 23608	5/16-24
# 23609	3/8-24
# 23610	7/16-20
# 23611	1/2-20
# 23620	9/16-18
# 23612	5/8-18
# 23613	3/4-16

71185

SPECIALTY NUT ASSORTMENT



- 24 VARIETY
- APPROXIMATELY 500 PIECES
- HEAVY DUTY LOCKING METAL BOX

PUSH NUTS - AXLE CAPS



# 28574	1/8
# 28575	3/16
# 28576	7/32
# 28577	5/16
# 28578	3/8
# 28579	1/2
# 28580	5/8
# 28581	3/4

PUSH NUTS - WASHER CAPS



# 28582	3/16
# 28583	1/4
# 28584	5/16
# 28585	3/8
# 28586	7/16
# 28587	1/2
# 28588	5/8

SPINNING LOCKNUTS WITH SERRATIONS



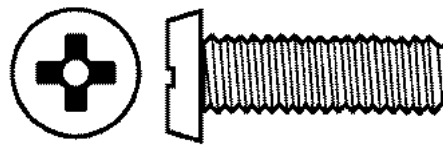
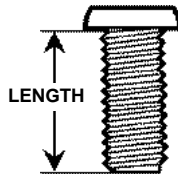
# 28589	6/32
# 28590	8/32
# 28591	10-24
# 28592	1/4-20
# 28593	1/4-28
# 28594	5/16-18
# 28595	5/16-24
# 28596	3/8-16
# 28597	3/8-24

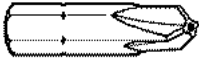


SECURITY SCREWS

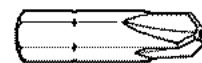
PHILLIPS PIN-PAN HEAD MACHINE SCREW STAINLESS STEEL

OUR BEST TYPE SECURITY FASTENER !



SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH
# 70557	6-32 x 1/4	# 70576	10-32 x 1/4	# 70597	12-24 x 1/2
# 70558	3/8	# 70577	3/8	# 70598	3/4
# 70559	1/2	# 70578	1/2	# 70599	1
# 70560	5/8	# 70579	5/8	# 70600	1-1/2
# 70561	3/4	# 70580	3/4	# 70601 1/4-20 x 1/2 # 70602 3/4 # 70603 1 # 70604 1-1/4 # 70605 1-1/2 # 70606 2 # 70607 2-1/2 # 70608 3 # 70609 3-1/2	
# 70562	1	# 70581	7/8		
# 70563	1-1/4	# 70582	1		
# 70564	1-1/2	# 70583	1-1/4		
# 70565	2	# 70584	1-1/2		
# 70566 8-32 x 3/8 # 70567 1/2 # 70568 5/8 # 70569 3/4 # 70570 1 # 70571 1-1/4 # 70572 1-1/2 # 70573 2 # 70574 2-1/2 # 70575 3	# 70585	2			
	# 70586	2-1/2			
	# 70587 10-24 x 3/8 # 70588 1/2 # 70589 3/4 # 70590 7/8 # 70591 1 # 70592 1-1/4 # 70593 1-1/2 # 70594 2 # 70595 2-1/2 # 70596 3				
PHILLIPS PIN HEAD BITS					
					
# 71154 #2 (1/4" HEX)					
# 71155 #3 (1/4" HEX)					

PHILLIPS PIN HEAD BITS

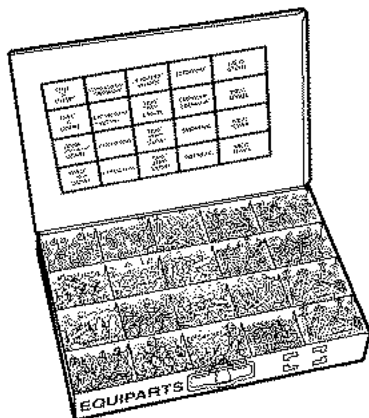


71154 #2 (1/4" HEX)
71155 #3 (1/4" HEX)

CUSTOMIZED ASSORTMENTS

70962

- 20 VARIETY ASSORTMENT
- PHILLIPS PIN-PAN HEAD STAINLESS STEEL MACHINE SCREWS
- APPROXIMATELY 500 PIECES
- HEAVY DUTY LOCKING METAL BOX



70963

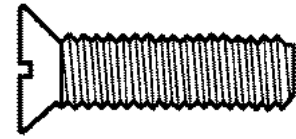
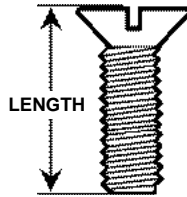
- 12 VARIETY ASSORTMENT
- PHILLIPS PIN-PAN HEAD STAINLESS STEEL MACHINE SCREWS
- APPROXIMATELY 100 PIECES
- DURABLE ECONOMICAL PLASTIC BOX

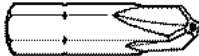


SECURITY SCREWS

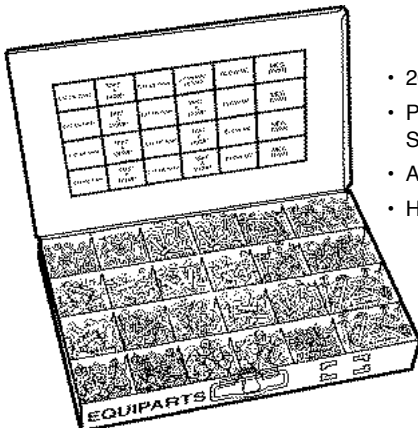
PHILLIPS PIN-FLAT HEAD MACHINE SCREW STAINLESS STEEL

OUR BEST TYPE SECURITY FASTENER !



SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH
# 70610	6-32 x 1/4	# 70626	10-32 x 3/8	# 70643	12-24 x 1/2
# 70611	3/8	# 70627	1/2	# 70644	3/4
# 70612	1/2	# 70628	3/4	# 70645	1
# 70613	3/4	# 70629	1	# 70646	1-1/4
# 70614	1	# 70630	1-1/4	# 70647	1-1/2
# 70615	1-1/4	# 70631	1-1/2	# 70648 1/4-20 x 1/2 # 70649 3/4 # 70650 1 # 70651 1-1/4 # 70652 1-1/2 # 70653 2 # 70654 2-1/2 # 70655 3 # 70656 3-1/2	
# 70616	1-1/2	# 70632	2		
# 70617	2	# 70633	2-1/2		
# 70618 8-32 x 3/8 # 70619 1/2 # 70620 3/4 # 70621 1 # 70622 1-1/4 # 70623 1-1/2 # 70624 2 # 70625 2-1/2		# 70634	10-24 x 3/8		
		# 70635	1/2		
		# 70636	3/4		
		# 70637	1		
		# 70638	1-1/4		
		# 70639	1-1/2		
		# 70640	2		
		# 70641	2-1/2		
	# 70642	3			
					PHILLIPS PIN HEAD BITS
					
				# 71154 #2 (1/4" HEX)	
				# 71155 #3 (1/4" HEX)	

CUSTOMIZED ASSORTMENTS



70960

- 20 VARIETY ASSORTMENT
- PHILLIPS PIN-FLAT HEAD STAINLESS STEEL MACHINE SCREWS
- APPROXIMATELY 500 PIECES
- HEAVY DUTY LOCKING METAL BOX



70961

- 12 VARIETY ASSORTMENT
- PHILLIPS PIN-FLAT HEAD STAINLESS STEEL MACHINE SCREWS
- APPROXIMATELY 100 PIECES
- DURABLE ECONOMICAL PLASTIC BOX



ELECTRICAL WIRE CONNECTORS

WIRE NUT CONNECTORS



#32346 Gray Size 71b



#32347 Blue Size 72b



#32348 Orange Size 73b



#32349 Yellow Size 74b



#32350 Red Size 76b



#32351 Gray Size 78b

.250 CLEAR NYLON INSULATED

Wire Range
22-18
Red



#32419



#32420

Wire Range
16-14
Blue



#32421



#32422

Wire Range
12-10
Yellow



#32423



#32424

EMERGENCY/EXIT LIGHT WITH BACK-UP #33610

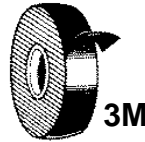


TAPES

#32783

COLD & WEATHER RESISTANT TAPE 88

3/4" x 66'

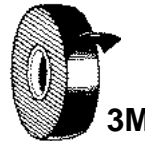


The best electrical tape available. Can be used indoors or out. Designed for special applications where superior cold resistance is required. Can be applied at 0° F.

#32784

VINYL PLASTIC ELECTRICAL TAPE 33+

3/4" x 66'



Excellent for applications in extreme heat and cold, from 0° F to 220° F. Resists ultra-violet, abrasion, moisture, alkalis, acids, and corrosion.

PLASTIC COLOR CODING TAPE

3/4" x 66'



#33029 Red
#32901 White
#32902 Blue
#32903 Green
#32904 Yellow

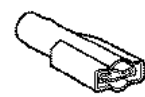
High quality vinyl. Excellent for electrical connections.

.250 NYLON FULLY INSULATED

Wire Range
22-18
Red



#32427
Male

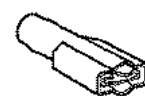


32428
Female

Wire Range
18-14
Blue



32429
Male



32430
Female

Wire Range
12-10
Yellow



32431
Male

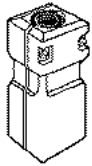


32432
Female



ELECTRICAL

CONNECTORS - PLUGS

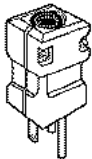


5-15R

#32648

125v Connector
Yellow Nylon

For cord diameters 1/4"-5/8"

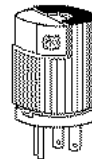


5-15P

#32644

125v Plug
Yellow Nylon

For cord diameters 1/4"-5/8"

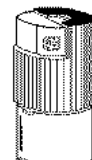


5-15R

#32646

125v Plug
Extra Heavy Duty
Black & White Nylon

For cord diameters 5/16"-11/16"



5-15R

#32650

125v Connector
Extra Heavy Duty
Black & White Nylon

For cord diameters 5/16"-11/16"

2 PRONG PLUGS



1-15R

FLAT RUBBER CONNECTOR

#32637 Black

#32638 Ivory

Cord hole 5/16"



1-15P

FLAT RUBBER CAP

#32635 Black

#32636 Ivory

Cord Hole 5/16". Binding screws are separated by insulation so they can not touch even when cap is stepped on. Easy to wire. Strain relief in prong.

EXTENSION CORDS



OUTDOOR HEAVY DUTY ADAPTER CORD SET

3 Block Outlet, 14/3 SJT Wire Set

#32660 25'

#32665 50'



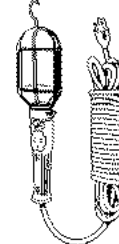
HEAVY DUTY EXTENSION CORD

16/3Wire

#32661 25'

#33015 50'

#33016 100'

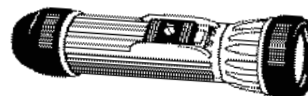


TROUBLE LIGHT W/EXTRA OUTLET

16/3Wire

#32913 25'

#32914 50'



#32726

Heavy Duty
Industrial Flashlight
Uses 2D Cells



#37319

3-Spot Power Beam Flashlight

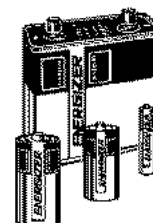


#32659

Mini Flashlight
2 AAA batteries

BATTERIES ENERGIZER ALKALINE

Part #	Size	Volts
#32737 (E91)	AA	1.5
#32738 (E92)	AAA	1.5
#32739 (E93)	C	1.5
#32740 (E95)	D	1.5
#32741 (522)	9V	9.0
#32742 (521)	Lantern	6.0
#32743 (529)	Lantern	6.0

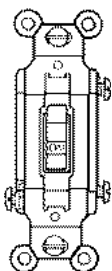


Dozens of other types in stock!
Call for assistance.



ELECTRICAL DEVICES

15 AMP TOGGLE SWITCH 3-WAY



COMMERCIAL 120-277V (BACK & SIDE WIRED)

- # 32322 Ivory
- # 32323 Brown
- # 32324 White

ECONOMY 125 V

- # 32325 Ivory
- # 32326 Brown
- # 32327 White

GROUND FAULT INTERRUPTER

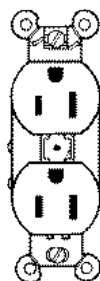


5-15R

GROUNDING DUPLEX RECEPTACLE 15A-125V 20A FEED THRU

- # 32614 Ivory
- # 32613 Brown
- # 32615 White
- # 32616 Ivory w/light

15 AMP DUPLEX RECEPTACLE 125 V



COMMERCIAL (BACK & SIDE WIRED)

- # 32292 Ivory
- # 32293 Brown
- # 32294 White
- # 32295 Orange
(ISOLATED GROUND)

ECONOMY

- # 32296 Ivory
- # 32297 Brown
- # 32298 White

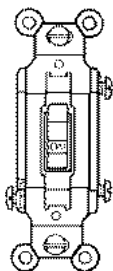
HOSPITAL GRADE

- # 32299 Ivory
- # 32300 Brown
- # 32301 White
- # 32302 Red
- # 32303 Orange



5-15R

15 AMP TOGGLE SWITCH 3-WAY



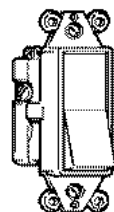
COMMERCIAL 120-277V (BACK & SIDE WIRED)

- # 32334 Ivory
- # 32335 Brown
- # 32336 White

ECONOMY 125 V

- # 32337 Ivory
- # 32338 Brown
- # 32339 White

DECORATOR SINGLE POLE WALL SWITCH



15A-120/277 V E-Z WIRE & SCREW TERMINAL

- # 32622 Ivory
- # 32623 White
- # 32998 Illuminated
White

20 AMP DUPLEX RECEPTACLE 125 V



COMMERCIAL (BACK & SIDE WIRED)

- # 32304 Ivory
- # 32305 Brown
- # 32306 White
- # 32307 Orange
(ISOLATED GROUND)

ECONOMY

- # 32308 Ivory
- # 32309 Brown
- # 32310 White

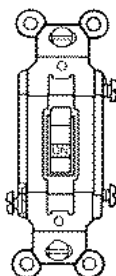
HOSPITAL GRADE

- # 32311 Ivory
- # 32312 Brown
- # 32313 White
- # 32314 Red
- # 32315 Orange



5-20R

20 AMP TOGGLE SWITCH SINGLE POLE



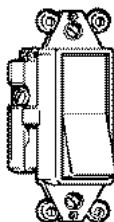
COMMERCIAL 120-277V (BACK & SIDE WIRED)

- # 32328 Ivory
- # 32329 Brown
- # 32330 White

ECONOMY 125 V

- # 32331 Ivory
- # 32332 Brown
- # 32333 White

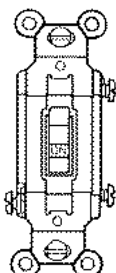
DECORATOR 3-WAY SWITCH



15A-120/277V E-Z WIRE & SCREW TERMINAL

- # 32624 Ivory
- # 32625 White
- # 32999 Illuminated
White

20 AMP TOGGLE SWITCH 3-WAY



COMMERCIAL 120-277V (BACK & SIDE WIRED)

- # 32340 Ivory
- # 32341 Brown
- # 32342 White

ECONOMY 125 V

- # 32343 Ivory
- # 32344 Brown
- # 32345 White

15 AMP DECORATOR DUPLEX RECEPTACLE 125V



- # 32316 Ivory
- # 32317 White
- # 32318 Brown

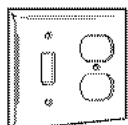
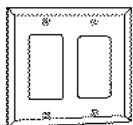
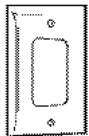
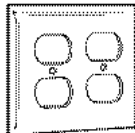
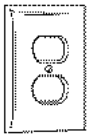
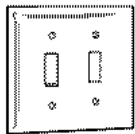
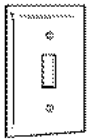
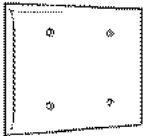
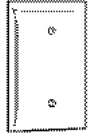


5-15R



ELECTRICAL WALL PLATES

**VIRTUALLY UNBREAKABLE
THERMOPLASTIC**



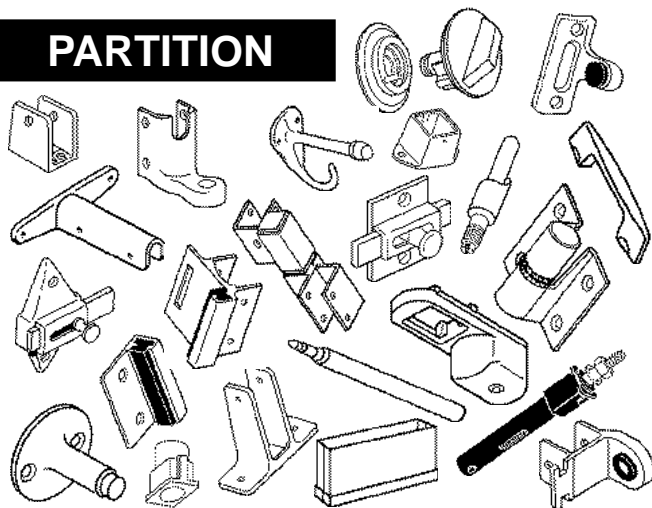
	IVORY	BROWN	WHITE	STAINLESS STEEL
1 GANG BLANK	# 32119	# 32120	# 32121	# 32122
2 GANG BLANK	# 32123	# 32124	# 32125	# 32126
1 GANG TOGGLE SWITCH	# 32127	# 32128	# 32129	# 32130
2 GANG TOGGLE SWITCH	# 32131	# 32132	# 32133	# 32134
1 GANG DUPLEX RECEPTACLE	# 32147	# 32148	# 32149	# 32150
2 GANG DUPLEX RECEPTACLE	# 32151	# 32152	# 32153	# 32154
1 GANG DECORATOR/GFI	# 32159	# 32160	# 32161	# 32162
2 GANG DECORATOR/ GFI	# 32163	# 32164	# 32165	-
1 TOGGLE, 1 DUPLEX	# 32171	# 32172	# 32173	# 32174

CALL FOR ASSISTANCE !!!



THOUSANDS OF PARTS IN STOCK !

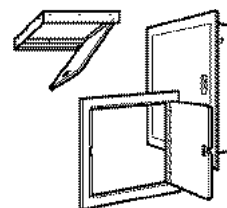
PARTITION



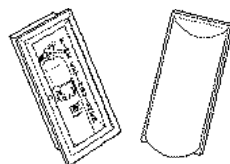
ACCESS DOORS

MANY SIZES AND
TYPES AVAILABLE !

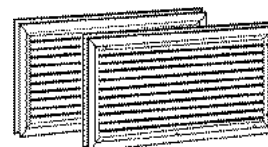
CALL FOR
ASSISTANCE !



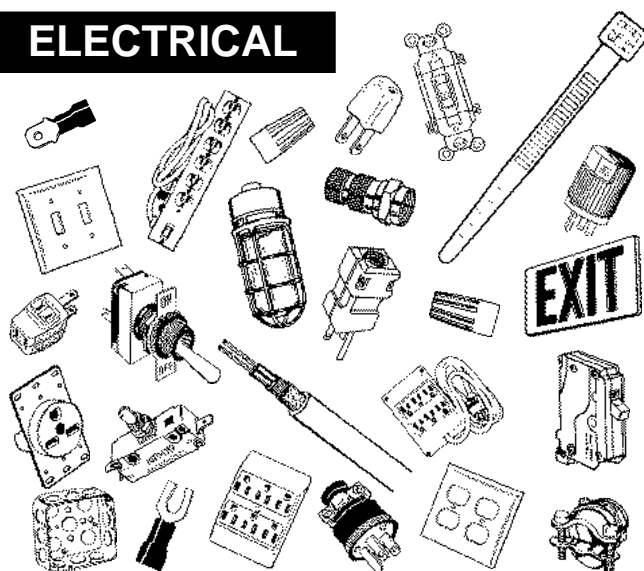
FIRE EQUIPMENT



LOUVRES



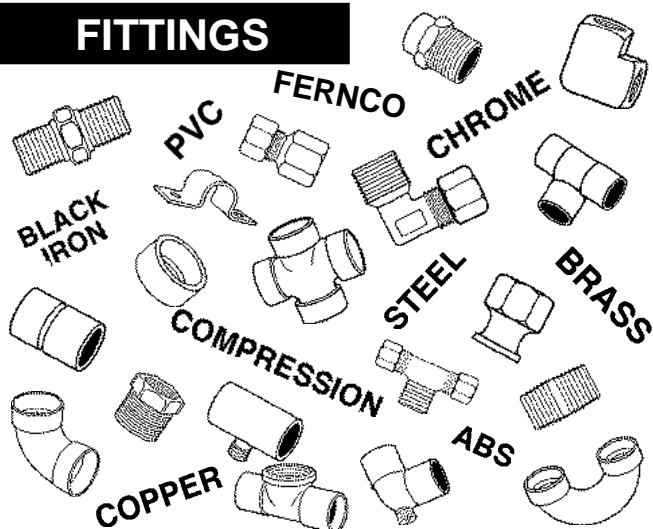
ELECTRICAL



TOOLS



FITTINGS

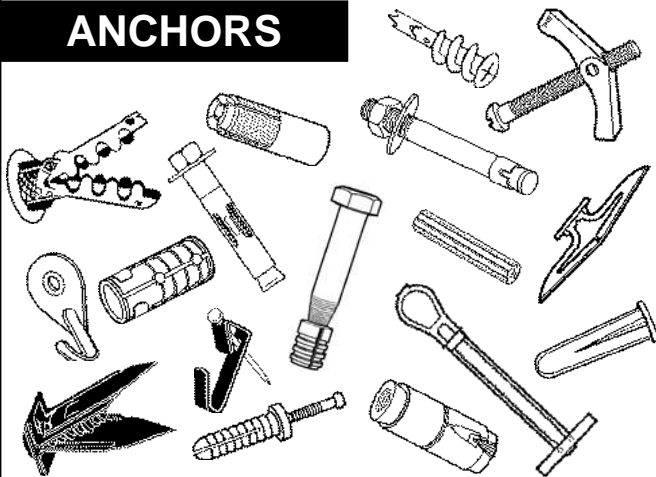


CHEMICALS

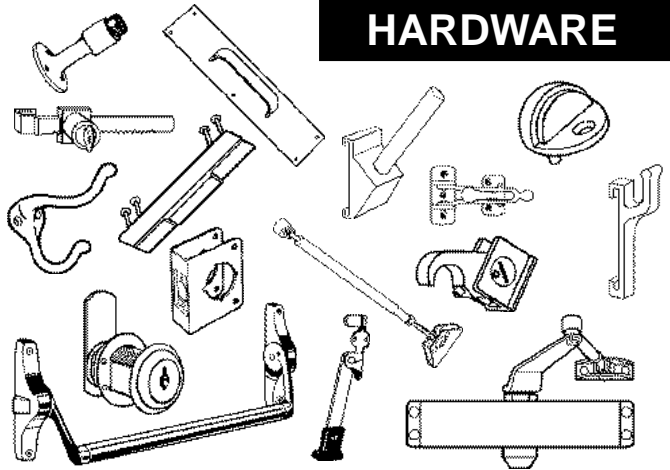


WE CAN SATISFY ALL OF YOUR MAINTENANCE REPAIR NEEDS !

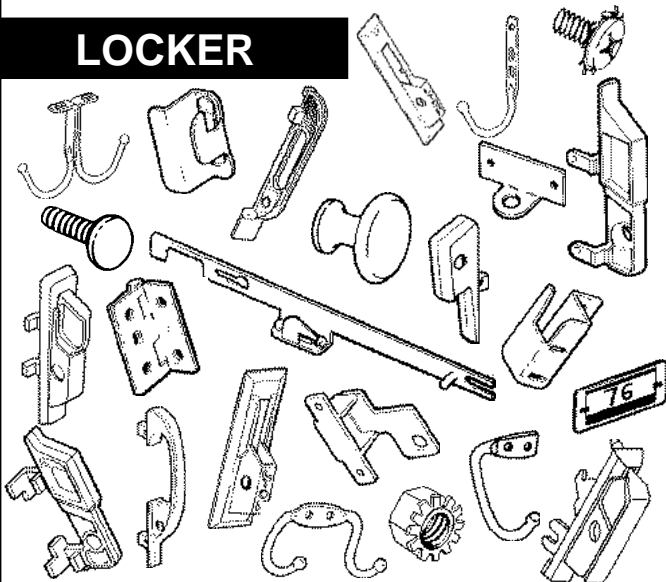
ANCHORS



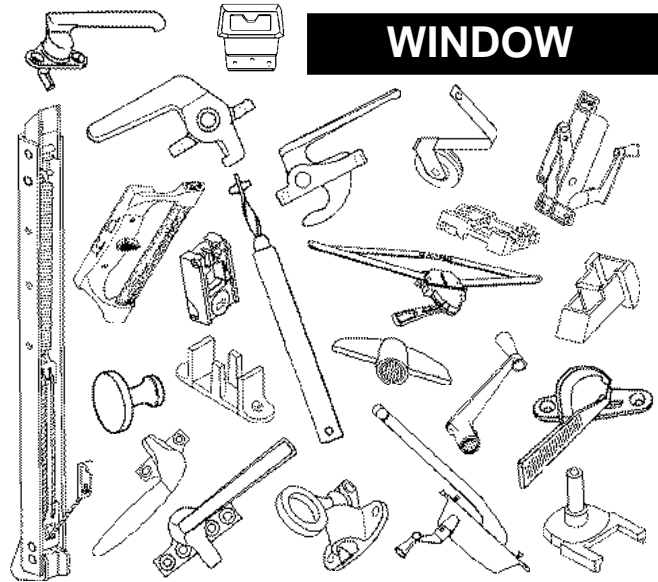
HARDWARE



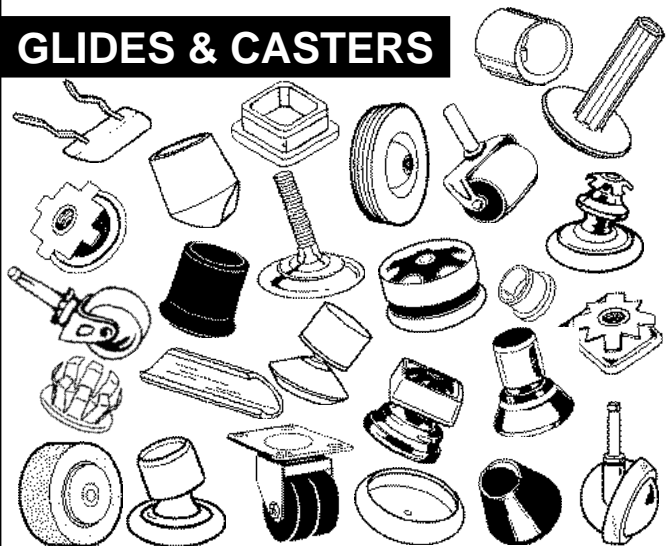
LOCKER



WINDOW



GLIDES & CASTERS



FASTENERS



[illegible]