

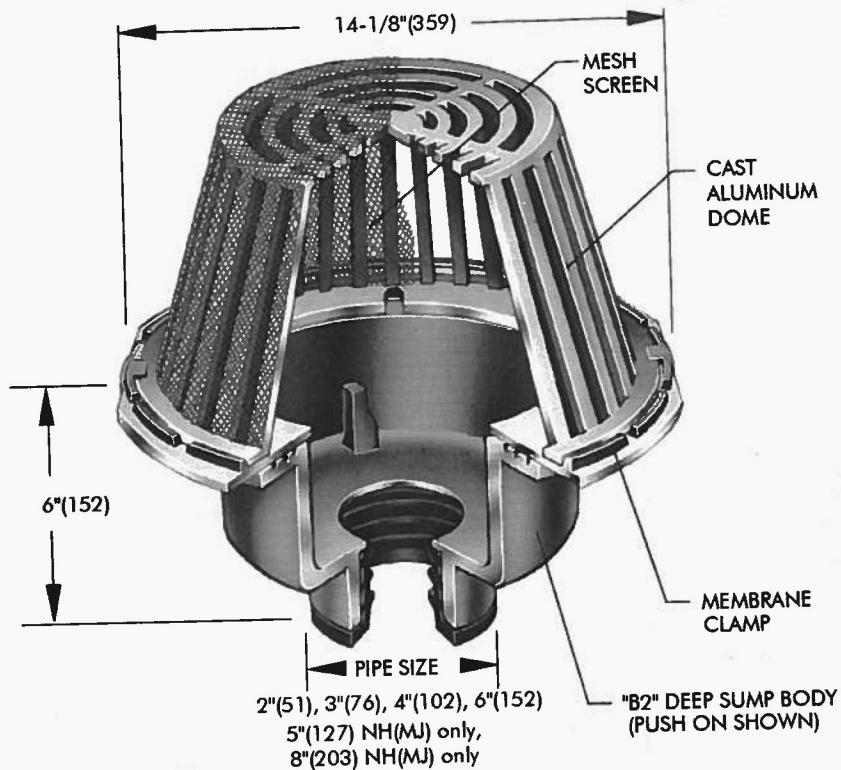


FD-870

Tag: _____

Large Planting
Area Drain

SPECIFICATION: Watts Drainage Products FD-870 epoxy coated cast iron planting area drain with membrane clamp, self locking cast aluminum dome strainer with stainless steel mesh, and no hub outlet.



Free Area Sq. In.
136

Components



B2



B2-FLG



B2-KDM-63



FC-2

Pipe Sizing (Select One)

Suffix	Description	
2	2"(51) Pipe Size	<input type="checkbox"/>
3	3"(76) Pipe Size	<input type="checkbox"/>
4	4"(102) Pipe Size	<input type="checkbox"/>
5	5"(127) Pipe Size	<input type="checkbox"/>
6	6"(152) Pipe Size	<input type="checkbox"/>
8	8"(203) Pipe Size	<input type="checkbox"/>

Outlet Type (Select One)

Suffix	Description	
NH	No Hub (MJ)	<input type="checkbox"/>
P	Push On	<input type="checkbox"/>
T	Threaded Outlet	<input type="checkbox"/>
X	Inside Caulk	<input type="checkbox"/>

Options (Select One or More)

Suffix	Description	
-6	Vandal Proof	<input type="checkbox"/>
-13	Galvanized Body and Clamp	<input type="checkbox"/>
-B1	Bronze Dome	<input type="checkbox"/>
-B	Sump Receiver	<input type="checkbox"/>
-D	Underdeck Clamp	<input type="checkbox"/>
-SO	Side Outlet	<input type="checkbox"/>

Optional Body Material

Suffix	Description	
-60	PVC Body w/Socket Outlet	<input type="checkbox"/>
-61	ABS Body w/Socket Outlet	<input type="checkbox"/>

Job Name _____ Contractor _____
Job Location _____ Contractor's P.O. No. _____
Engineer _____ Representative _____

WATTS Drainage reserves the right to modify or change product design or construction without prior notice and without incurring any obligation to make similar changes and modifications to products previously or subsequently sold. See your WATTS Drainage representative for any clarification. Dimensions are subject to manufacturing tolerances.



USA: 100 Watts Road, Spindale, NC, 28160 TEL: 828-288-2179 TOLL-FREE: 1-800-338-2581 Website: www.wattsdrainage.com

STONCO

INSTALLATION, WIRING & SERVICING INSTRUCTIONS

MLQ Floodlight

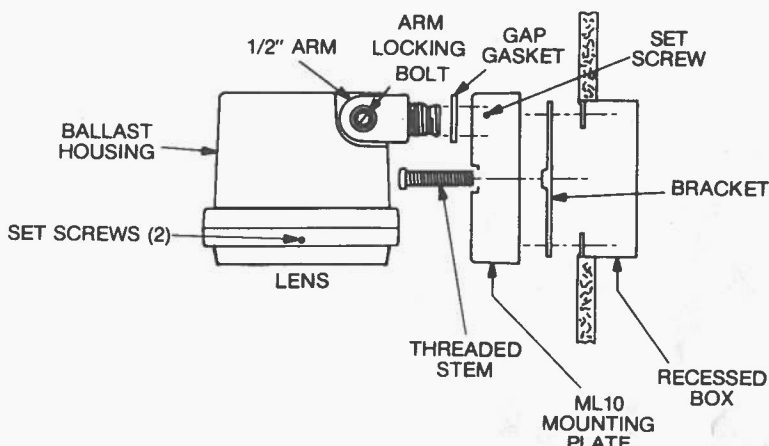


WARNING: Read the following carefully before attempting to install or service! Failure to do so may result in bodily injury, property and/or fixture damage. Retain this sheet for future reference.

CAUTION: THIS FIXTURE IS NOT FOR INDOOR USE.
USE OUTDOOR ONLY IN WELL VENTILATED AREAS.

FIXTURE INSTALLATION

1. Remove Mounting Plate (ML10) from shipping carton. (ML10 not included with fixture Cat. No. MLQ250).
 2. Remove Gap Gasket from hardware bag and position over threaded hole in ML10 Mounting Plate.
 3. Remove 1/8-27 Threaded Stem and Bracket from hardware bag. Install bracket. Bracket will fit all Gem, 3 1/4" Octagonal and 4" Octagonal recessed Splice Boxes.
 4. Screw Threaded Stem into threaded hole in bracket.
 5. Take fixture leads, feed through ML10 Mounting Plate.
 6. Thread ML10 Mounting Plate onto 1/2" Arm sandwiching Gap Gasket between ML10 Mounting Plate and 1/2" Arm.
 7. Connect fixture leads to supply leads per NEC (see wiring diagram). Tuck leads into Splice Box. Position ML10 Mounting Plate with unit over threaded stem and mount using Cap Nut. Adjust Bolt on 1/2" Arm to position unit. (Either wall mounted or ground installed.) When positioned, lock fixture into place by tightening Arm Bolt.
 8. Remove set screw from hardware bag. Insert through hole in mounting plate. Tighten to lock arm in place.
- NOTE: Moving fixture with set screw in place may damage threads on arm.



LAMP INSTALLATION & SERVICING

Always disconnect power before servicing your MLQ. If the fixture has been operating be sure to let it cool before servicing.

Remove lens assembly by loosening 2 set screws on each side.

Be sure to read the Lamp Instructions supplied by the Lamp manufacturer. Do not handle the lamp with bare hands. Skin acid will damage the quartz surface and will later cause short lamp life.

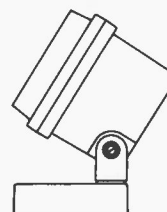
TO INSTALL LAMP—insert base of lamp into socket. Push firmly to depress contact. Rotate clockwise to engage pin into slot.

TO REMOVE LAMP—push lamp base gently into socket, rotate counterclockwise and remove.

Replacement lamps are available from any local electrical distributor.

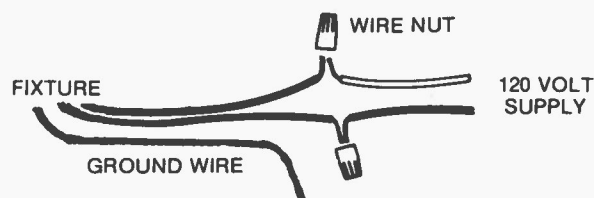
Be sure to replace lens assembly securely by tightening set screws (2).

GROUND INSTALLED



WIRING INSTRUCTIONS

1. Be sure power supply line is 120 volts.
2. Disconnect circuit breaker or fuse at panel board.
3. Splice wires using wire nuts.
4. Connect ground wire.



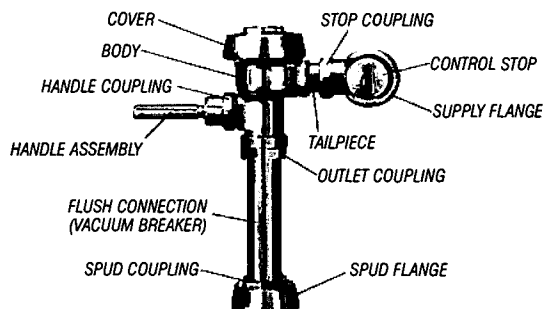
LIMITED ONE YEAR WARRANTY

Stonco fixtures are guaranteed against mechanical and electrical defects for a period of one year from date of delivery. Replacement or repair of authorized returns found to be mechanically or electrically defective within the guarantee period constitutes fulfillment of all obligations under this warranty. Stonco assumes no responsibility for the proper installation of its products, or for labor costs involved in repair or replacement. Ballasts and lamps are covered by manufacturers trade warranties. Full statement of Stonco limited warranty policy available on request.

NOTE: In January 1998, the Royal Diaphragm design was upgraded to a preassembled unit with two (2) plastic filtering rings attached to the rubber diaphragm (one on top and one on bottom). If the Flushometer you are servicing has our older, segmented diaphragm with brass bypass hole, refer to our Regal Maintenance Guide (0816185) for additional troubleshooting information.

Troubleshooting Guide

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 Sloan A-50 "Super-Wrench™" or other smooth-jawed wrench to secure couplings. Regulations for Low Consumption fixtures (1.6 gpf/6.0 Lpf closets and 1.0 gpf/3.8 Lpf urinals) prohibit use of higher flush volumes.



1. **PROBLEM:** Flushometer does not function (no flush).
CAUSE: Control Stop or main supply valve is closed.
SOLUTION: Open Control Stop or main supply valve.
CAUSE: Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
CAUSE: Relief Valve is damaged.
SOLUTION: Replace Relief Valve.
2. **PROBLEM:** Handle leaks.
CAUSE: Handle Seal or Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
3. **PROBLEM:** Water splashes from fixture.
CAUSE: Control Stop is open wider than necessary.
SOLUTION: Adjust Control Stop for desired delivery of water volume.
CAUSE: Water Saver/Conventional Diaphragm Assembly is installed on Low Consumption fixture or Closet Diaphragm Assembly is installed on Urinal fixture.
SOLUTION: 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: Control Stop is not open wide enough.
SOLUTION: Adjust Control Stop for desired delivery of water volume.
CAUSE: Diaphragm Assembly is damaged.
SOLUTION: Replace Diaphragm Assembly.
CAUSE: Low Consumption Diaphragm Assembly is installed on Water Saver/Conventional fixture or Urinal Diaphragm Assembly is installed on Closet fixture.
SOLUTION: 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.
CAUSE: Inadequate water volume or pressure is available from supply.
SOLUTION: 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.
CAUSE: If the fixture DOES NOT siphon (or a 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 closes immediately (short flush).
CAUSE: Worn or damaged Diaphragm Assembly.
SOLUTION: Replace Diaphragm Assembly.
CAUSE: Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
CAUSE: Low Consumption Diaphragm Assembly is installed on Water Saver/Conventional fixture or Urinal Diaphragm Assembly is installed on Closet fixture.
SOLUTION: 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: Bypass hole (upper filter ring) of Diaphragm Assembly is dirty.
SOLUTION: Remove the Diaphragm Assembly. Disassemble the filter rings from the Diaphragm, wash under running water, and reassemble. Replace as necessary.
CAUSE: Relief Valve or Diaphragm Assembly is damaged.
SOLUTION: Replace Relief Valve or Diaphragm Assembly.
CAUSE: Water Saver/Conventional Diaphragm Assembly is installed on Low Consumption fixture or Closet Diaphragm Assembly is installed on Urinal fixture.
SOLUTION: 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.
CAUSE: Inside Cover is damaged.
SOLUTION: Install new A-71 Inside Cover.
CAUSE: Line water pressure dropped and is insufficient to close valve.
SOLUTION: Close the Control Stop until pressure is restored.
CAUSE: Relief Valve is not seated properly.
SOLUTION: 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: Inside Cover is damaged.
SOLUTION: Install new A-71 Inside Cover.
CAUSE: Relief Valve or Diaphragm Assembly is damaged.
SOLUTION: 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 soap and water, then wipe dry with a clean towel or cloth. When cleaning the bathroom tile, protect the Flushometer from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

.....
 If further assistance is required, please contact Sloan Valve Company Installation Engineering Department at

1-888-SLOAN-14 (1-888-756-2614).

LIMITED WARRANTY

Sloan Valve Company warrants its Flushometer Products to be made of first class materials, free from defects of material or workmanship under normal use and to perform the service for which they are intended in a thoroughly reliable and efficient manner when properly installed and serviced for a period of 3 years (1 year for special finishes) from date of purchase. During this period, Sloan Valve Company will, at its option, repair or replace any part or parts which prove to be thus defective if returned to Sloan Valve Company, at customer's cost, and this shall be the sole remedy available under this warranty. No claims will be allowed for labor, transportation or other incidental costs. This warranty extends only to those persons or organizations who purchase Sloan Valve Company's products directly from Sloan Valve Company for purpose of resale.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IN NO EVENT IS SLOAN VALVE COMPANY RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY MEASURE WHATSOEVER.

The information contained in this document is subject to change without notice.

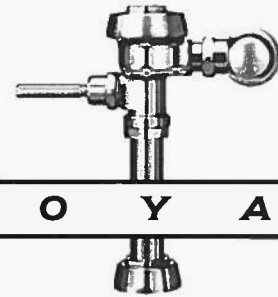
SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • <http://www.sloanvalve.com>

SLOAN[®]

FLUSHOMETERS

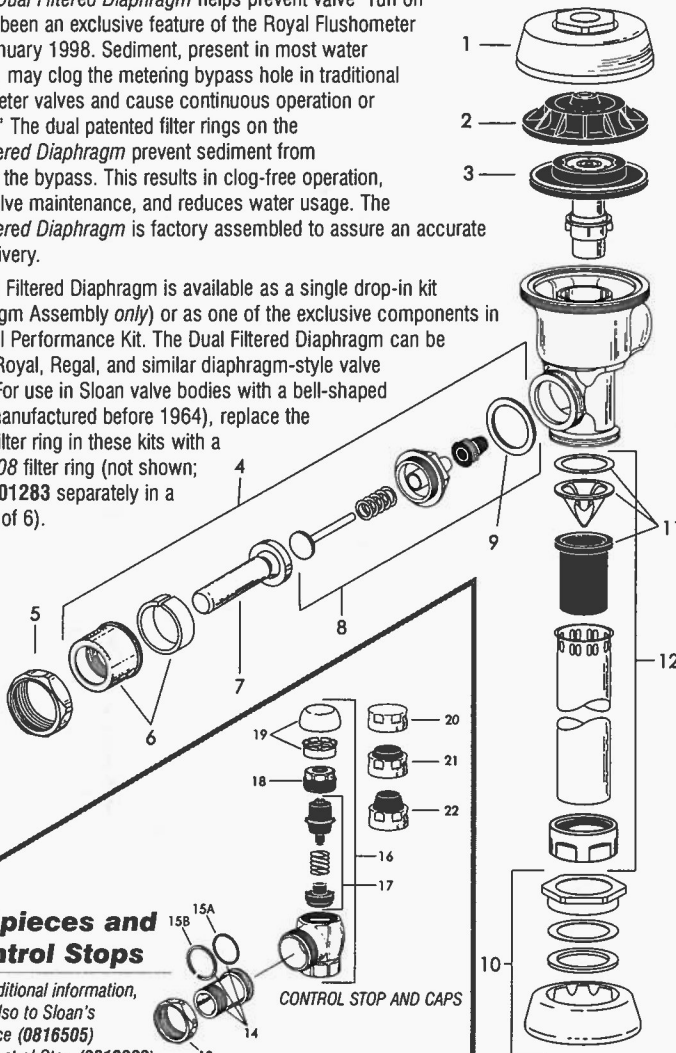
Maintenance Guide



The Dual Filtered Diaphragm™

Sloan's *Dual Filtered Diaphragm* helps prevent valve "run on" and has been an exclusive feature of the Royal Flushometer since January 1998. Sediment, present in most water supplies, may clog the metering bypass hole in traditional Flushometer valves and cause continuous operation or "run on." The dual patented filter rings on the *Dual Filtered Diaphragm* prevent sediment from reaching the bypass. This results in clog-free operation, eases valve maintenance, and reduces water usage. The *Dual Filtered Diaphragm* is factory assembled to assure an accurate flush delivery.

The Dual Filtered Diaphragm is available as a single drop-in kit (Diaphragm Assembly *only*) or as one of the exclusive components in the Royal Performance Kit. The Dual Filtered Diaphragm can be used in Royal, Regal, and similar diaphragm-style valve bodies. For use in Sloan valve bodies with a bell-shaped cover (manufactured before 1964), replace the bottom filter ring in these kits with a blue A-108 filter ring (not shown; order 5301283 separately in a package of 6).



Tailpieces and Control Stops

For additional information, refer also to Sloan's Tailpiece (0816505) and Control Stop (0816333) Maintenance Guides.

Parts List — Royal Flushometer Valve

Item	Code No.	Part No.	Description
1	0301172	A-72	CP Cover
2	0301168	A-71	Inside Cover
3	see below	—	Dual Filtered Diaphragm Assembly (refer to table and diagram below)
4	0302390	B-73-A	CP ADA-Compliant Triple Seal Handle Assembly
5	0301082	A-6	CP Handle Coupling
6	0302109	B-7-A	CP Socket Assembly
7	0302389	B-74-A	CP ADA-Compliant Handle
8	3302306	B-51-A	Triple Seal Handle Repair Kit
9	5301139	A-31	Handle Gasket (package of 48)
10	0306125	F-5-A	3/4" (19 mm) CP Spud Coupling Assembly
	0306140	F-5-A	1-1/4" (32 mm) CP Spud Coupling Assembly
	0306146	F-5-A	1-1/2" (38 mm) CP Spud Coupling Assembly
11	3323182	V-651-A	High Back Pressure Vacuum Breaker Repair Kit
12	3393004	V-600-AA	3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker
	3393006	V-600-AA	1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker
	3393007	V-600-AA	1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker
13	0308676	H-550	CP Stop Coupling
14	0308801	H-551-A	CP Adjustable Tailpiece (2-1/16"/52 mm long)
15A	5308696	H-553	O-Ring (package of 24)
15B	5308381	H-552	Locking Ring (package of 12)
16	3308386	H-700-A	1" (25 mm) CP Bak-Chek® Screwdriver Stop
	3308384	H-700-A	3/4" (19 mm) CP Bak-Chek® Screwdriver Stop
17	3308853	H-541-A	Control Stop Repair Kit †
	3308856	H-543-A	Control Stop Repair Kit ‡
18	0308612	H-622	CP Bonnet †
	0308843	H-577	CP Bonnet ‡
19	3308772	H-1010-A	Vandal Resistant Control Stop Cap Assembly †
	3308790	H-1009-A	Vandal Resistant Control Stop Cap Assembly ‡
20	0308840	H-573	Control Stop Cap CP †
	0308848	H-582	Control Stop Cap CP ‡
21	3308866	H-574	Control Stop Cap with Bumper † (-YO Variation)
22	3308867	H-576	Control Stop Cap with Extended Bumper † (-YG Variation)

† Use with H-700-A (1 1/25 mm and 3/4"/19 mm) and H-600-A (1 1/25 mm) Bak-Chek® Screwdriver Control Stops.

‡ Use with H-600-A (3/4"/19 mm) Bak-Chek® Screwdriver Control Stops.

Sloan products are also available in Polished Brass, Lustre Gold, and Satin finishes — contact our Customer Service staff for code numbers. If you have any questions about installation, maintenance, or troubleshooting issues, call our Installation Engineering staff at 1-888-SLOAN-14.

NOTE: Each item is identified by a Part Number and a Code Number. Expedite processing by using our Code Number. Parts shown service all Sloan diaphragm-type Flushometers manufactured after 1964, including Low Consumption (LC) models.

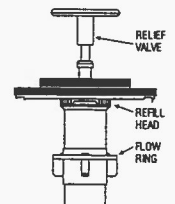
ITEM 3: Dual Filtered Diaphragm™ Assembly ••• Available in DIAPHRAGM ONLY and ROYAL Performance™ Kits

ROYAL Performance™ KIT includes Dual Filtered Diaphragm Assembly (Item 3), Handle Repair Kit with Triple Seal Packing (Item 8), High Back Pressure Vacuum Breaker Repair Kit (Item 11), and one Tailpiece O-Ring (Item 15). **DIAPHRAGM ONLY KIT** contains "drop-in" Dual Filtered Diaphragm Assembly (Item 3) ONLY.

Performance KIT			DIAPHRAGM ONLY KIT						
	Code No.	Kit No.	Code No.	Kit No.	Flush Volume	Use With	Relief Valve \$	Refill Head ■	Flow Ring
A	3301070	A-1101-A	3301502	A-1041-A	1.6 gpf (6.0 Lpf)	Low Consumption Water Closets	Green	Gray	Smooth
B	3301071	A-1102-A	3301501	A-1038-A	3.5 gpf (13.2 Lpf)	Water Saver Water Closets	White	Gray	Smooth
C	3301072	A-1103-A	3301505	A-1044-A	2.4 gpf (9.0 Lpf)	9 Liter European Water Closets	Blue	Gray	Smooth
D	3301073	A-1106-A	3301504	A-1043-A	0.5 gpf (1.9 Lpf)	Wash Down Urinals	Green	Black	Smooth & Slotted
E	3301074	A-1107-A	3301503	A-1042-A	1.0 gpf (3.8 Lpf)	Low Consumption Urinals	Green	Black	Slotted
F	3301075	A-1108-A	3301500	A-1037-A	1.5 gpf (5.7 Lpf)	Water Saver Urinals	Black	Black	Smooth

§ Consult Sloan Valve Company for availability of replacement plastic Relief Valves (Green, Black, Blue, and White) and brass Relief Valves.

NOTE: For older water closets that require 4.5 gpf (17.0 Lpf), choose kits shown on line B, but remove the Flow Ring before use. For blowout-style urinals that require 3.5 gpf (3.2 Lpf), choose kits shown on line B. For service sinks that require 6.5 gpf (24.6 Lpf), order A-36-A diaphragm repair kit (3301036; not shown above) and remove the Flow Ring before use. Regulations for Low Consumption fixtures prohibit the use of higher flush volumes.



The colors of the Relief Valve and the Refill Head plus the shape of Flow Ring identify the Flush Volume of a DUAL FILTERED DIAPHRAGM ASSEMBLY.

■ Closet Refill Heads (Gray) have larger slots than Urinal Refill Heads (Black).

Installed in line 10/10/97



SERVICE MANUAL

Standard Modular Coalescing
Filter Model M26
with Variations and Accessories

9SM-KC-M26
83-055-000
JUNE 1991

WARNING

DO NOT PLACE PLASTIC BOWL UNIT IN SERVICE WITHOUT METAL BOWL GUARD INSTALLED

Plastic bowl units are sold only with metal bowl guards. To minimize the danger of flying fragments in the event of plastic bowl failure, the metal bowl guards should not be removed. If the unit is in service without the metal bowl guard installed, manufacturer's warranties are void, and the manufacturer assumes no responsibility for any resulting loss.

IF UNIT HAS BEEN IN SERVICE AND DOES NOT HAVE A METAL BOWL GUARD, ORDER ONE AND INSTALL BEFORE PLACING BACK IN SERVICE.

CAUTION

Certain compressor oils, chemicals, household cleaners, solvents, paints and fumes will attack plastic bowls and can cause bowl failure. Do not use near these materials. When bowl becomes dirty replace bowl or wipe only with clean, dry cloth. Reinstall metal bowl guard or buy and install a metal bowl guard. Immediately replace any crazed, cracked, damaged or deteriorated plastic bowl with a metal bowl or a new plastic bowl and metal bowl guard.

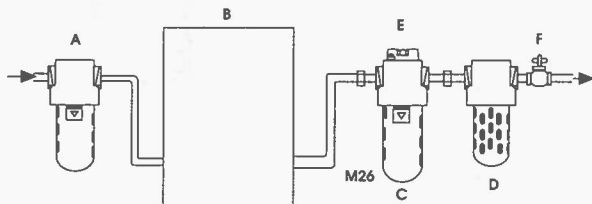
WE CANNOT POSSIBLY LIST ALL HARMFUL SUBSTANCES. CHECK WITH A MOBAY CHEMICAL OR GENERAL ELECTRIC OFFICE FOR FURTHER INFORMATION ON POLYCARBONATE PLASTIC.

EXCEPT as otherwise specified by the manufacturer, this product is specifically designed for compressed air service, and use with any other fluid (liquid or gas) is a misapplication. For example, use with or injection of certain hazardous liquids or gases in the system (such as alcohol or liquid petroleum gas) could be harmful to the unit or result in a combustible condition or hazardous external leakage. Manufacturer's warranties are void in the event of misapplication, and manufacturer assumes no responsibility for any resulting loss. Before using with fluids other than air, or for non-industrial applications, consult manufacturer for written approval.

INSTALLATION

1. Refer to warning.
2. Purge downstream air line of oil.
3. Install as close as possible to where regulated air is being used.
4. Install the unit with the air flowing in the direction indicated by the arrow on the body.
5. A drain line with $\frac{1}{8}$ " NPT connection may be attached to drain port if desired. Drain line should be $\frac{1}{4}$ " tubing or larger, as short as possible, and crimp free.
6. Maximum inlet pressure and operating temperature ratings are: transparent plastic bowls, 150 psig (10.3 bar) and 125°F (52°C); metal bowls, 150 psig (10.3 bar) and 150°F (66°C).

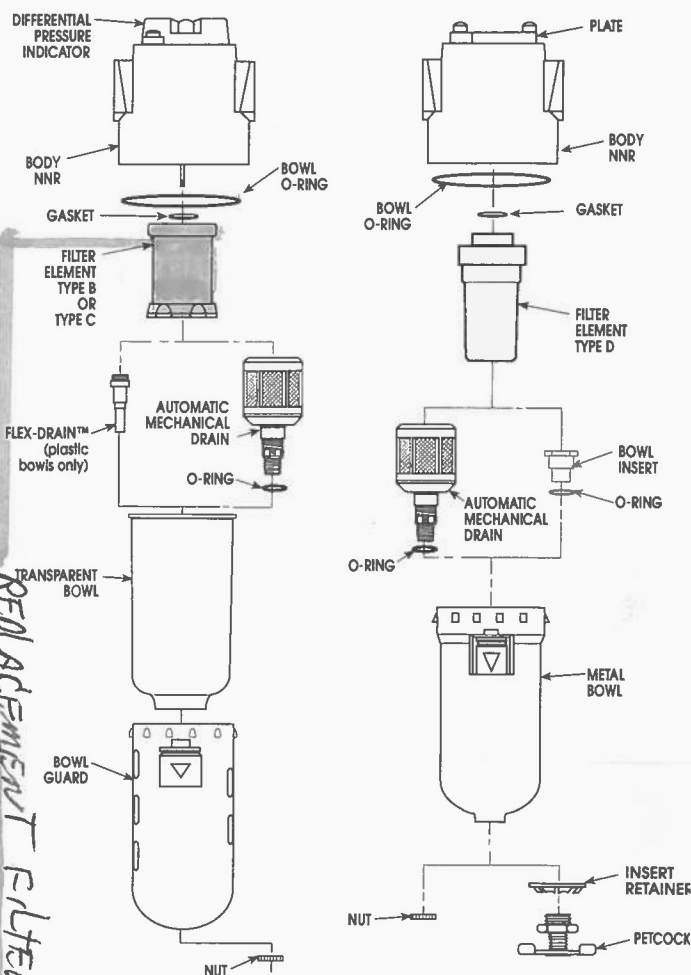
TYPICAL INSTALLATION (not to scale)



- A. PREFILTER - It is recommended that a Wilkerson 5-micron-rated prefilter be installed upstream from the coalescer filter to prolong element life.
- B. AIR DRYER - (Refrigerative or Twin Tower). An air dryer is generally preferred for optimum results, but is optional.
- C. COALESCE FILTER - Do not touch the filter element once it has been put into service; the slightest pressure on the outer foam cover can easily damage it once it has been used.
- D. AC PAK - The Type D element is an adsorption type for removing oil vapors. Oil-associated odors, whether petroleum base or synthetic base, and nearly 100% of any removing solid contaminants are removed.
- E. DIFFERENTIAL PRESSURE INDICATOR - Maximum recommended pressure drop across coalescer filters is 7 psi (0.5 bar). This can be monitored by installing a Wilkerson differential pressure indicator.
- F. VALVE - Do not use a valve or shutoff device in conjunction with a coalescer filter that will allow a momentary or surge pressure drop greater than 50 psi (3.4 bar). To avoid high surges which can either ruin the element or momentarily allow downstream contamination, use a slow-opening type valve.

MAINTENANCE

1. The element operates effectively when it is saturated. The element's useful life will end only when the resistance to flow becomes too high or the maximum permissible pressure is reached. The element cannot be cleaned or reused and must be replaced at the end of its useful life.



REPLACEMENT FILTER
NUMBER NTP-95-549

MAINTENANCE cont.

2. IF THE UNIT HAS A MANUAL DRAIN, drain the unit once every 8 hours. IF UNIT IS EQUIPPED WITH AN AUTOMATIC MECHANICAL DRAIN, clean the screen around the drain seat each time the element is cleaned or replace it by removing the nut and removing the drain assembly. Clean screen by blowing off with air blow gun.
3. When bowl becomes dirty, replace the bowl or clean by wiping with a dry, clean cloth.
4. Before placing the unit in service, make sure that the bowl and bowl guard are reinstalled, and securely locked in place.

REPAIR KITS AND REPLACEMENT PARTS

Bowl O-Ring Kit	GRP-95-955
Type D Element Kit	MXP-95-540
Type C Element Kit	MTP-95-549
Flex-Drain™	FRP-95-610
Automatic Mechanical Drain (w/Viton Seals)	GRP-95-981
Automatic Mechanical Drain	GRP-95-973
Plastic Bowl	GRP-95-929
with Flex-Drain™ w/bowl guard	GRP-95-935
with Auto. Mech. Drain and Viton Seals	GRP-95-948
Bowl Guard	GRP-95-936
Metal Bowl w/Manual Drain	GRP-95-930
with Auto. Mech. Drain & Viton seals	GRP-95-960
Differential Pressure Indicator	DP2-01-000

ACCESSORIES

Wall Mounting Bracket	GPA-95-946
-----------------------------	------------



INLET FILTER SILENCERS

MODELS 5Z660, THRU 5Z663

Installed on Air Compressor 10/19/94

FORM 5S3270
03071
0691/193/1M

READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE OR MAINTAIN THE PRODUCT DESCRIBED. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE! RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

Description

The Speedaire intake filter and silencer is designed to effectively remove contaminants from incoming air and to reduce the noise level of your compressor.

Specifications

MODEL	DIA	CFM	HEIGHT	(M) NPT
5Z660	6"	20	2-1/2"	3/4"
5Z661	6	20	2-1/2	1
5Z662	6	60	5	1-1/4
5Z663	6	60	5	1-1/2

General Safety Information

1. Always disconnect power source before installing the intake filter.
2. Always disconnect power source before changing or servicing the filter element.
3. Compressors run at a high temperature. Do not touch compressor or motor while in operation.
4. Allow the compressor to cool down before servicing any part of the compressor.

Installation

Screw the proper size filter into the compressor by hand until snug. A pipe wrench may be used on the pipe portion of the base assembly to further snug the filter assembly to the compressor intake. Do Not Over Tighten.

Maintenance

A clean cool, dry air supply is essential to satisfactory operation of the compressor. IF the NPT of the compressor intake manifold is the same size as the filter, you are then installing the proper filter for your compressor. Remove and clean intake air filters periodically. Paper-type filter elements **SHOULD NOT BE** washed in solvent; instead, should be blown out with compressed air and replaced periodically. Polyester cloth elements, as well as the foam pre-filter, can be washed in a mild detergent, blown dry, and replaced periodically.

Polyester Replacement Elements

Model Filter	Replacement Elements
5Z660	1R416
5Z661	1R416
5Z662	1R417
5Z663	1R417

MODEL 5Z660

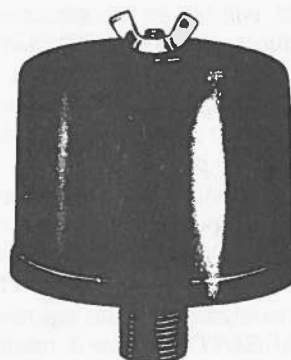


Figure 1

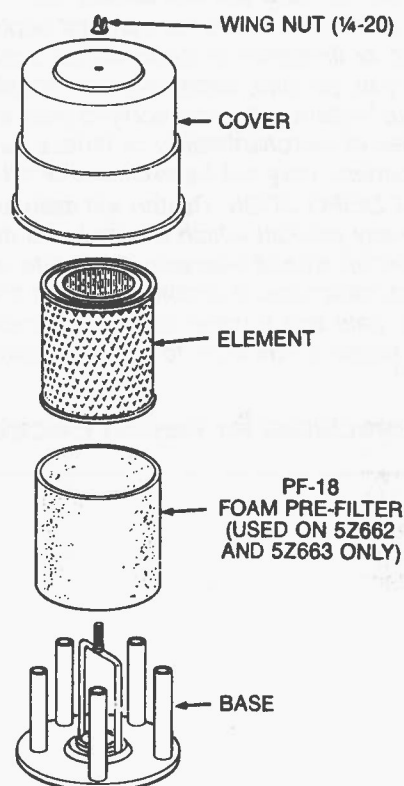


Figure 2—Assembly