WArFS® FD-870 Large Planting

DRAINAGE Tag:
____

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.

MESH

SCREEN

CAST

ALUMINUM

DOME
MEMBRANE

CLAMP

Job Name, Contractor

Job Locot,on Contractor’s P.O. No.

Engineer Representative

It’.

14-1/8(359)

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6(152)

PIPE SIZE IIII.’.-j

2(51), 3(76), 4(102), 6(152) “62” DEEP SUMP BODY

5(127) NH(MJ) only, (PUSH ON SHOWN)

8(203) NH(MJ) only

Fires Area

Sq.In.

136

Components

I 82 B2.FLG

— Qeci, I

— Peel

— 000iI

t2-KDM43 FC-2 j

Pipe Sizing(SIect 0’ie) I

Suffix Desciiplion
2 2’(51)PipeSize Q

3 3(76) Pipe Size Q

4 4ç1o2f Pipe Size Q

5 5’127) Pipe Size D

6 6(152)PipeSize Q

8 8(203) Pipe Size Q

Outlet Type (Select One)

Suffix Description,
NI-I No Hub (Ml) Q

P PuzhOn Q

T Threaded Outlet []

X Inside Caulk Q

Options (Select Cne or More)

Suffix Description
-6 Vandal Proof Q

-13 Galvanized Body and Clamp Q

-81 Bronze Dome Q

-8 Sump Receiver []

-o linde,deck Clan

-SO Side Outlet
Optional Body Material

Suffix Description
-60 PVC Body w/Socket Outlet D

-61 ABS Badyw/Socket Outlet D

j

WAllS Drainage rasraves the,igt,t to modify or change product deagn or construction without prior notice ond without incurring any obligation to make similar changes and modifications to products

pre,ioosfy or subsequently sold. See yore WAiTS Drainage iepresentatine for any clarification. Dimensions are subject to manufacturing tolerances.

fliN* USA, tOO Watts Road, Spindale, NC, 28160 TELi 828.288.2179 TOLL.FREE, 1400.338.2581 Website, www.watIs&einagecom

C Walls Drainage 2003

ES-WD-FD-870 USA 0310

FD-870

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MLQ Floodlight

WARNING: Read the following carefully before attempting to install orservice! 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 (ML1O) from shipping carton. (ML1O not included with fixture Cat. No. MLQ25O).

2. Remove Gap Gasket from hardware bag and position

over threaded hole in ML1O Mounting Plate.

3. Remove 1/8-27 Threaded Stem and Bracket from

hardware bag. install bracket. Bracket will fit all Gem,

31/4” Octagonal and 4” Octagonal recessed Splice Boxes.

4. Screw Threaded Stem into threaded hole in bracket.

5. Take fixture leads, feed through ML1O Mounting Plate.

6. Thread ML1O Mounting Plate onto 1/2” Arm

sandwiching Gap Gasket between ML1O Mounting Plate and 1/2” Arm.

7. Connect fixture leads to supply leads per NEC (see wiring diagram). Tuck leads into Splice Box. Position

ML1O 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 WIRE NUT

1. Be sure power supply line is 120 volts. FIXTURE 120 VOLT

2. Disconnect circuit breaker or fuse at panel board.
____
SUPPLY

3. Splice wires using wire nuts. —.I.—.—--

4. Connect ground wire. 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. Replace

ment or repair of authorized returns found to be mechanically or electrically defective within the guarantee period constitutesful

flilment 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.

PRINTED IN USA

INSTALLATION, WIRING & SERVICING

INSTRUCTIONS

ARM

GAP 1/2” ARM LOCKING GASKET

BOLT

BALLAST

HOUSING

SET SCREWS (2)

BRACKET

THREADED

STEM
ML1O
MOUNTING

PI..ATE

©1989 STONCO aGENLYTEcompanyD 2345 VAUXHALL ROAD, UNION, NJ 07083

UN-59-O1 286OOO

SLAN.

FLU S HO METERS

Troubleshooting Guide
COVER STOP COUPLING

BODY -.k COIITROL STOP

HANDLE COUPLING

1 SUPPLY FLANGE

HANDLE ASSEMBLY TAILP1ECE

OUTLET COUPLING

...,

p

SPUD COUPUNG SPUD FLANGE

Flushometer does not function (no flush).

Control Stop or main supply valve is closed.

Open Control Stop or main supply valve.

Handle Assembly is damaged.
Replace B-73-A Handle or repair wfth 8-51-A Handle Repair

Kft.

Relief Valve is damaged.

Replace Relief Valve.

Handle leaks.

Handle Seal or Handle Assembly is damaged.

Replace 8-73-A Handle or repair wh B-51-A Handle Repair

Kit.

Water splashes from fixture.

Control Stop is open wider than necessary.

Adjust Control Stop for desired delivery of water volume.

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.

Volume of water is insufficient to adequately siphon fixture.

Control Stop is not open wide enough.

Adjust Control Stop for desired delivery of water volume.

Diaphragm Assembly is damagecL

Replace Diaphragm Assembly.
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.

lithe fixture siphons: Additional water volume is required.

Install higher flushing volume Relief Valve or Diaphragm

Assembly or cut Flow Ring from Guide.
lithe 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. Flushometer valve closes immediately (short flush).

Worn or damaged Diaphragm Assembly

Replace Diaphragm Assembly.

Handle Assembly is damaged.
Replace 8-73-A Handle or repair wh B-51-A Handle Repair K.

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 Rejief

Valve for appropriate flush volume of fixture.

Length of flush is too long (long flush) or fails to shut off.

Bypass hole (upper filter ring) of Diaphragm Assembly is dirty

Remove the Diaphragm Assembly. Disassemble the filter rings

from the Diaphragm, wash under running wate and

reassemble. Replace as necessary.

Relief Valve or Diaphragm Assembly is damaged.

Replace Relief Valve or Diaphragm Assembly.

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.

Inside Cover is damaged.

Install new A-71 Inside Cover.
Line water pressure dropped and is insufficient to close valve.

Close the Control Stop until pressure is restored.

Relief Valve is not seated properly.
Disassemble Diaphragm components (Relief Valve, Filter

Rings, and Diaphragm unit), wash under running water, and

reassemble. Replace as necessary.

Chattering noise is heard during flush.

Inside Cover is damaged.

Install new A-71 Inside Cover.
Relief Valve or Diaphragm Assembly is damaged.

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 wate 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.

It further assistance is required, please contact Sloan Valve Company Installation Enineens Department at

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

LIMITED WARRANTY

Slaan valve Company warrasts its Flashameter Prodacts to be made at first class materials, tree from defects

of material or workmanship under format use and to perform the service for which they are intended in a

thnrouhly reliable and efficient manner when properly installed and serviced for a pedod of 3 years (1 year far

special finishesl from date of purchase. Oarinp this period, Sloan valve Company will, at its option, repair or replace any part or parts which prove to be thas defective if refereed to Sloan Valve Company, at customer’s

cost, and this shat be the sate remedy available ander this warranty. No claims wif be allowed for labor,

transportation or other incidental costs. This warranty extends ordy to those persons or orgastratians who

purchase Sloan Valve Company’s products directly from Sinan Valve Company far purpose of resale.

ThERE ARE NO WARRANTIES WHICH EXTeND BEYOND THE OESCRIPTtON ON THE FACE HEREOF IN NO EVENT

IS SLOAN VALVE COMPANY RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY MEASURE

WHATSOEVER.

The intnrmahos contaiaed in this document is sabject to change withoat entice.
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 • https://www.sloanvalve.Com

Maintenance Guide - OVAL 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). lithe Flushometer you are servicing

has our oIdei segmented diaphragm with brass bypass hole, refer to our Regal

Maintenance Guide (0816185) for additional troubleshooting information.

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 ‘u” or other smooth

jawed wrench to secure couplings. Regulations for Low Consumption fixtures (1.6 gpf/6.O Lpf closets and 1.0 gpf/3.8 Lpf urinals) prohibit use of higher flush volumes.

5. PROBLEM:

CAUSE:

SOLUTION:

CAUSE:

SOLUTION:

FLUSH CONNEC77ON

WACUUM BREAKER)

6. PROBLEM:

CAUSE:

SOLUTION: PROBLEM:

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2. PROBLEM:

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3. PROBLEM:

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7. PROBLEM:

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4. PROBLEM:

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— Rev. 4a (04103) Code No. 0816186

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The Dual Filtered Diaphragm TM

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 nngs 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.
For additional information,

refer also to Sloan’s

Tailpiece (0816505)

and Control Stop (0816333)

Maintenance Guides.

1 0301172 A-72

2 0301168 A-71

3 see below

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CP Cover

Inside Cover

Dual Filtered Diaphragm Assembly

(refer to table and diagram below)

CP ADA-Compliant Triple Seal Handle Assembly

CP Handle Coupling

CP Socket Assembly

CP ADA-Compliant Handle

Triple Seal Handle Repair Kit

Handle Gasket (package of 48)

3/4” (19 mm) CP Spud Coupling Assembly

1-1/4” (32 mm) CP Spud Coupling Assembly

1-1/2” (38 mm) CP Spud Coupling Assembly

High Back Pressure Vacuum Breaker Repair Kit

3/4”(19 mm) x 9” (228 mm) CP Vacuum Breaker

1-1/4” (32 mm) x 9” (228 mm) CP Vacuum Breaker

1-1/2” (38 mm) x 9” (228 mm) CP Vacuum Breaker

CP Stop Coupling

CP Adiustable Tailpiece (2-1/1 6”/52 mm long)

0-Ring (package of 24)

Locking Ring (package of 12)
1” (25 mm) CP Bak-Chek Screwdriver Stop

3/4” (19 mm) CP Bak-Chek Screwdriver Stop

Control Stop Repair Kt 4

Control Stop Repair Kit 4

CP Bonnet 4

CP Bonnet *

Vandal Resistant Control Stop Cap Assembly 4

Vandal Resistant Control Stop Cap Assembly 4

Control Stop Cap CP t

Control Stop Cap CP 4

Control Stop Cap with Bumper 4

(—YO Variation)

Control Stop Cap wth Extended Bumper 4

(—YG Variation)

ITEM 3: Dual Filtered Diaphragm” Assembly “Available in DIAPHRAGM ONLY and ROYAL Performance” Kits

ROYAL Pertormance’ KIT includes Dual Filtered Diaphragm Assembly (Item 3), Handle Repair Kit with ThpIe Seal Packing (Item 8), High Back Pressure Vacuum Breaker Repair Kit (Item 11), and one Tailpiece 0-Ring (Item 15). DIAPHRAGM ONLY KIT contains “drop-in” Dual Fitered Diaphragm Assembly (Item 3) ONLY.

Performance KIT DIAPHRAGM ONLY KIT

Code No. kit No. Code No. kIt No. Flush Volume Use With Rellet Valve S Refill Head a Flow Ring

3301070 A-i 101-A 3301502 A-1041-A 1.6 gpt (6.0 Lpf) Low Consumption Water Closets Green Gray Smooth

B 3301071 A-i 102-A 3301501 A-1038-A 3.5 gpf (13.2 Lpt) Water Saver Water Closets White Gray Smooth

C 3301072 A-1103-A 3301505 A-1044-A 2.4 gpf (9.0 Lpf) 9 Uter European Water closets Blue Gray Smooth

0 3301073 A-i 106-A 3301504 A-1043-A 0.5 gpf (1.9 Lpf) Waspown urinals Green Black Smooth & Slotted

E 3301074 A-1107-A 3301503 A-1042-A 1.0 gpt (3.8 Lpt) Low Cnsumption urinals Green Black Slotted

F 3301075 A-1108-A 3301500 A-1037-A 1.5 gpt (5.7 Lpt) 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 Lpl), 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).

SLD2N.

FLUSHOMETERS

Guide

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Item Code No. Part No.

Parts List

— Royal Flushometer Valve

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; 4

order 5301283 separately in a

package of 6).

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4 0302390 8-73-A

5 0301082 A-6

6 0302109 8-7-A

7 0302389 8-74-A

8 3302306 8-51-A

9 5301139 A-31

10 0306125 F-5-A

0306140 F-5-A

0306146 F-5-A

11 3323182 V-651-A

12 3393004 V-600-M

3393006 V-600-AA

3393007 V-600-M

13 0308676 H-550

14 0308801 H-55i-A

15A 5308696 H-553

15B 5308381 H-552

16 3308386 H-700-A

3308384 H-700-A

17 3308853 H-54i-A

3308856 H-543-A

—12 18 0308612 H-622

0308843 H-577

19 3308772 H-lOla-A

3308790 H-1009-A

20 0308840 H-573

0308848 H-582

21 3308866 H-574

Tailpieces and

Control Stops

22 3308867 H-576

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15B \ — STOP mo

“13
TAILPIECE

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4 use with H-700-A (1”/25 remand 3/4719 mm) and H-GOB-A (1725 mm) Bak-Chek’

Screwdnver control Stops.

4 Use with H-600-A (3/4719 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 pro

cessing by using our Code Number. Parts shown service all Sloan diaphragm-type

Flushometers manufactured after 1964, including Low Consumption (LC) models.

The iotormatinn contained in ttiis document is sobiect to change without notice. Royal MG.— Rev. 4a (04/03) Code No. 0816186

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INSTALLATION

1 Refer to warning.
2.Purge downstream air line of oil.
3.lnstall as close as possible to where regulated air is being used.

4.lnstall the unit with the air flowing in the direction indicated by

the arrow on the body.

5.A drain line with 1/8” NPT connection may be attached to drain port if

desired. Drain line should be 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 tile.

B. AIR DRYER - (Retrigerative or Twin Tower). An air dryer is generally

preterred for optimum results, but is optional.
C. COALESCER 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.
DIFFERENTIAL

PRESSURE

INDICATOR

BODY BOWL NNR 0-RING
9SM-KC-M26

83-055-000

JUNE 1991

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, snd securely locked in place.

REPAIR KITS AND REPLACEMENT PARTS
Bowl 0-Ring Kit GRP-95-955

Type D Element Kit MXP-95-540

Type C Element Kit MTP-95-549

Flex-Drain M FRP-95-610

Automatic Mechanical Drain (wNiton Seals) GRP-95-981

Automatic Mechanical Drain GRP-95-973

Plastic Bowl GRP-95-929

with Flex-Drain tMw)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-O1 -ODD

WILKERSON

CORPORATION.ENGLEWOOD CO SO’IS0

SER IC MANUAL

Standard Modular Coalescing

Filter Model M26

with rariations and Accessories

WARNING
DO NOT PLACE PLASflC BOWL UNIT IN SERVICE

WITHOUT METAL BOWL GUARD INSTALLED

Plastic bowl units are sold only with metal bowl guards. To sinisize the danger of tying tragmeolo in the

event ot ptaotc bowl tailure, the metal bowl guards should net be removed. I the ant aervice wittaul the

metal bowl guard installed, marrutacturer’s warranties are void, and the maoutaclarer assumes no

responsibility tar ely reaatthg bins.

IF UNIT HAS BEEN IN SERVICE AND DOES NOT HAVE A METAl. BOWL GUARD, ORDER ONE AND

INSTALL BEFORE PLACING BACK IN SERV1CE..

CAU11ON

Certain cornpreaaar oils, chemicals, household ctearrer ootvera pamto and tames will attack ptaotic bowls

and can cause bowl taltare. Do not use near these materiatn. Wtreo bowl becomes duty replace bowl ar wrpe

only with dean, thy cloth. Reinstall metal bowl gourd or buy and instat a metal bowl guard. Immethately

replace any crazed, cracked, damaged or deteriorated plautic bowl with a metal bowl or a oaw plastic bowl

and metal bowl guard.

WE CANNOT POSSIBLY LIST ALL HARMFuL SuBSTANCES.CHECI< WITH A MOBAY CHEMICAL OR

OENERAL ELECTRIC OFFICE FOR FURTHER INFORMATION ON POLYCARBONATE PLASTIC.

EXCEPT as otherwine npecitied by the manufacturer, this product io opecitically designed br

compressed air service and use with soy other tlaid Iliquid or gaol is a miaapplication. Far eoample, use

with or iniection at certain hazardous liquids or gases in the system (audi an alcohol or liquid petroleum

gaol could be harmtal to the unit or result in a combustible condition or hazardoaa esternal leakage.

Munutacturer’s warranties are void in the event of misapplication, and manutacturer unnumea no

responsibility tor any reau 1mg lana. Betore aning with Ilaido other than air, or br nan-iuduatrial

applications, conout manufacturer tar wrinen approval.

GASKET—w-—

ALTER

ELEMENT

TYPE B

OR

TYPE C

B0WV” j_— GASKET

0-RING
—

I FILTER ELEMENT TYPED

O-BNG

-o

ACCESSORIES

Wall Mounting Bracket GPA-95-946

691

Printed in U.S.A.

FORM 5S3270

03071
0691/193I1M

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 ANDIOR PROPERTY DAMAGE!

RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.
Description MODEL 5Z660

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

1. Always disconnect power source before installing

the intake filter.

2. Always disconnect power source before changing

or servicing the filter element. Figure 1

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 tile com

pressor intake manifold is the same size as the filter,

you are then installing the proper filter for your com

pressor. Remove and clean intake air filtQrs periodi cally. 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

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5PEERAIRE

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OPERATING INSTRUCTIONS & PARTS MANUAL

INLET FILTER SILENCERS

MODELS Z66O, THRU 5Z663

General Safety Information

WING NUT (¼-20)

COVER

ELEMENT

PF-1 8
FOAM PRE.FILTER

(USED ON 5Z662

AND 5Z663 ONLY)

BASE

Figure 2—Assembly