



MRS100 Service Parts and Maintenance

MASTER PNEUMATIC - DETROIT, INC.

6701 -18 Mile Rd. | Sterling Heights, MI 48314 | Phone: (586) 254-1000 | Fax: (586) 254-6055 | Email: mp@masterpneumatic.com

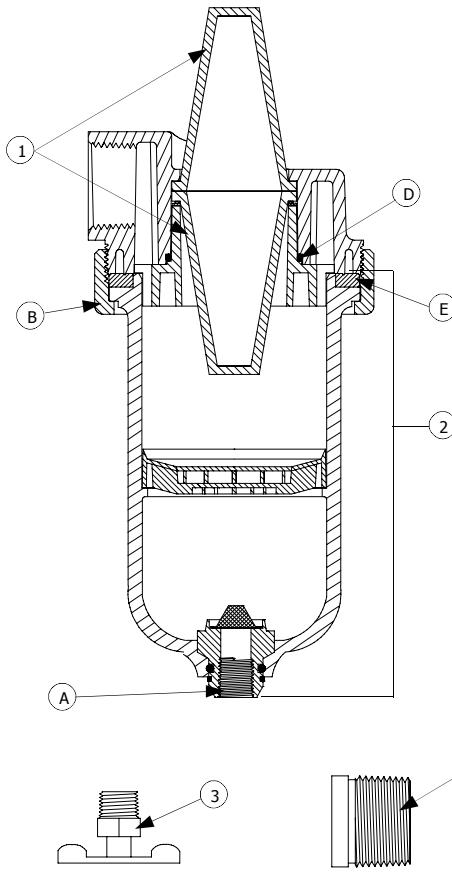
JM 01-06-01
REV 3-27-06
(ECN 4141)

Replacement Parts & Kits

THANK YOU!

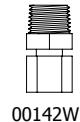
You have just purchased a quality Silencer Reclassifier from Master Pneumatic.

With care in its installation and maintenance, you can expect it to have a long and economical service life. Before you go any further, please take a few minutes to look over this information, then save it for future reference and for the useful service information it contains.



KEY	DESCRIPTION	MRS100-4	MRS100-6	MRS100-8
1	ELEMENT / O-RINGS REPLACEMENT KIT	KA109-32	KA109-32	KA109-32
2	PLASTIC BOWL / GASKET REPLACEMENT KIT	AMRS109-104	AMRS109-104	AMRS109-104
3	DRAIN COCK	103-51-1/8	103-51-1/8	103-51-1/8
4	REDUCER BUSHING	MRS110-20	0393212	NONE
Not Shown	METAL BOWL / GASKET REPLACEMENT KIT	ABMRS109-6AS	ABMRS109-6AS	ABMRS109-6AS

NOTE: The 00142W Tube Fitting is no longer supplied with the MRS Products. It can be ordered as a separate item.



00142W

Installation Procedures

INSTALLATION INSTRUCTIONS:

Install unit hand tight in exhaust port of device to be muffled. To install manual draincock (#3), place one drop of blue Hylomar onto the external threads of the drain, install into the drain body (A), and torque to 55-60 in-lbs. Unit should be frequently drained. If automatic draining is desired use 1/8" male Tube Fitting (00142W). Install 00142W into drain body (A). Attach 1/8" O.D. tubing and run to holding can or vessel for automatic draining.

MAINTENANCE:

To clean or service the unit, shut off air supply, remove bowl ring (B) by turning counter clockwise. Polycarbonate bowls may be cleaned in soap and water. Both sintered elements should be replaced simultaneously when back pressure is indicated or contamination is obvious. Any effective cleaning process of the sintered elements is considered very expensive, at best 85% effective, and may introduce other contamination.

CAUTION:

When reassembling the unit, first take the head upside down in your hand, (if the unit is installed on the pipe rotate 180°), and drop the two cones into the head as illustrated in the drawing. Next, drop in the wave washer first, (very important), then the flat washer is added. The plastic baffle has an extended tube section. Add the o-ring (D) to this section and insert it on top of the cone so that the o-ring now touches the head. Ensure that the gasket (E) is on the bowl then assemble bowl to head securely tightening bowl ring to the the head in a clockwise direction. The installed unit should be as illustrated in a bowl down position.

Plastic bowls will deteriorate and fail if exposed to certain chemicals. See polycarbonate warning for details.



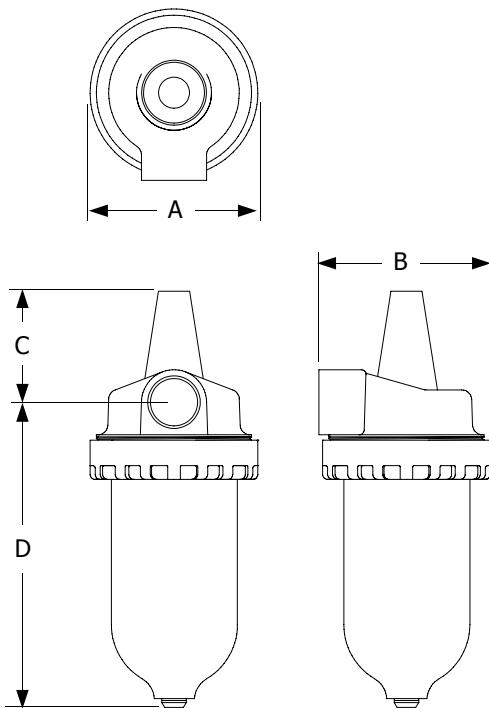
MRS100 Service Parts and Maintenance

MASTER PNEUMATIC - DETROIT, INC.

6701 -18 Mile Rd. | Sterling Heights, MI 48314 | Phone: (586) 254-1000 | Fax: (586) 254-6055 | Email: mp@masterpneumatic.com

JM 01-06-01
REV 3-27-06
(ECN 4141)

Dimensional Specifications



KEY	MRS100-4	MRS100-6	MRS100-8
A	4 1/4 (107 mm)	4 1/4 (107 mm)	4 1/4 (107 mm)
B	4 1/4 (107 mm)	4 1/4 (107 mm)	4 1/4 (107 mm)
C	2 3/4 (69 mm)	2 3/4 (69 mm)	2 3/4 (69 mm)
D	8 3/8 (213 mm)	8 3/8 (213 mm)	8 3/8 (213 mm)

General Specifications

WORKING PRESSURE MAX

TRANSPARENT BOWL

1 PSI @ 125°F

METAL BOWL

1 PSI @ 125°F

PREFIX OPTION

BMRS METAL BOWL

SUFFIX OPTION

SG PLASTIC BOWL WITH SHATTERGUARD.
W BSP BRITISH (WHITWORTH) THREADS

