

# Airmatic

## MINIATURE FILTERS

MODEL : MF 10 (Polycarbonate Bowl)  
MF 11 (Metal Bowl)

### TEMPERATURE AND PRESSURE RATING

SIZES	MODEL	BOWL	MAX. PRESSURE	MAX. TEMP.
G1/8 / G1/4	F 10	Polycarbonate	12 Kg/cm <sup>2</sup> (160 psig)	50° C
	F 11	Metal	18 Kg/cm <sup>2</sup> (250 psig)	70° C

**WARNING :** Never use these polycarbonate plastic bowls on air supplied by a compressor lubricated with synthetic oils or oils containing phosphate esters or chlorinated hydrocarbons. They can carry over into the air distribution system and chemically attack and possibly rupture the bowls. On these applications use a metal bowl. Also do not expose these polycarbonate plastic bowl to materials such as carbon tetrachloride, trichloroethylene, acetone, paint thinner cleaning fluids, or other harmful materials, for they too will craze and/or rupture the bowl. If materials harmful to polycarbonate are present either outside or inside the bowl, use a metal bowl.

### INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS

#### INSTALLATION

Before installing, blow out pipe line to remove scale and other foreign matter. This unit has DRYSEAL pipe threads; use pipe compound or type sparingly to male threads only. Install item in pipe line so that air will flow in direction of arrow stamped on body, install as near as possible to equipment serviced. Filters must be installed with bowl in a vertical position.

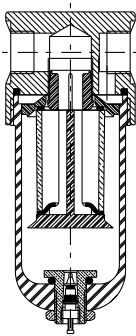
Press drain valve to remove any bowl accumulation before it reaches level of lower baffle. A visible coating of dirt or condensate on filter element or excessive pressure drop indicates cleaning is necessary.

#### MAINTENANCE-CLEANING

**NOTE :-** To clean, it is not necessary to remove filter from line. To maintain maximum filtering efficiency and to avoid excessive pressure drop the filter must be kept clean.

To clean, depressurize air or water line and remove the bowl. Follow drawing provided for disassembly and reassembly.

Wash Porous filter elements with kerosene or soap water Blow out body with compressed air. **CLEAN BOWL ONLY WITH HOUSEHOLD SOAP WATER.**



### REPLACEMENT PARTS ORDER BY SIZE AND KIT NUMBER

CONSISTS OF PART NAME	KIT NAME	KIT No.
Gasket Upper / Lower Filter Element	Element Kit	5 Micron MFC-156B
		* 25 Micron MFC-156A
Bowl with Drain Cock	Bowl Replacement Kit	* Plastic MFC-07
		Metal MFC-08
Element Gasket Upper / Lower Bowl 'O' Ring Drain Cock Assy.	Service Kit	MF-O

\* STANDARD

## AIR PROCESSING PRODUCTS

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