

# Airmatic

## HIGH EFFICIENCY COALESCING FILTER(MINI) MODEL : MF10 / MF11

### TEMPERATURE AND PRESSURE RATING

SIZE	MODEL	BOWL	MAX. PRESSURE	MAX. TEMP.
G1/8,G1/4	MF-10	Polycarbonate	12 Kg/Cm <sup>2</sup>	70°C
	MF-11	Metal	18Kg/Cm <sup>2</sup>	65°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

To protect against premature filter cartridge replacement, blow out scale and other foreign matter from pipe line before installation. It is also recommended that a Airmatic MF-10/11 pre-filter be installed upstream of the coalescing filter to remove 25 Micron and larger size particles from the air line. Install coalescing filter with bowl vertical to pipe line with proper orientation of flow arrows on body.

#### MAINTENANCE-CLEANING

NEVER LET THE LIQUID LEVEL IN BOWL REACH THE BASE OF FILTER ELEMENT. Because of high degree of water and oil removal efficiency, it is recommended that an MEDV-01 electronic drain valve be used to automatically drain bowl.

During operation a dark bend will be noticed around the base of the element which is normal. If dark spots are noticed on the upper portion of the foam covering, excessive liquid in being removed from the system and a per-filter should be installed.

The filter element should be **REPLACED** when pressure drop across the filter (within prescribed flow range) exceeds 0.7 Kg/Cm<sup>2</sup>. This occurrence indicates that solid particles which are trapped in the filter media have reached a level such that air flow is restricted and efficiency deteriorates.

WHEN REPLACING FILTER CARTRIDGE HANDLE ONLY BY PLASTIC END PLATE. Do not handle foam covering at any time. Replacement cartridges are supplied with 'O' ring; simply install in groove on upper end plate and HAND TIGHTEN cartridge to filter body.

#### CLEANING

Blow out filter body with air hose, CLEAN BOWL ASSEMBLY WITH HOUSEHOLD SOAP ONLY.

SEE OTHER SIDE FOR REPLACEMENT PARTS LIST.

## AIR PROCESSING PRODUCTS

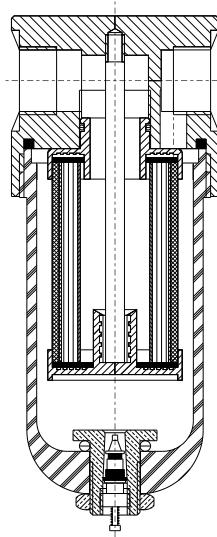
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HIGH EFF. COALESCING FILTER-MINI | IOMI.

**MODEL - MF10 / MF11  
REPLACEMENT PARTS  
ORDER BY SIZE AND KIT NUMBER**



<b>CONSISTS OF PART NAME</b>	<b>KIT NAME</b>	<b>KIT No.</b>
Bowl with Drain Cock	Bowl Replacement Kit	* Plastic MFC-07
		Metal MFC-08
Element 'O'Ring Filter Element	Element Replacement Kit	1.0 Micron E 0009XOU
		0.01 Micron E 0009XAU

# Standard