

Airmatic

OPTIMA - 401 FILTERS

MODEL : F-401 Polycarbonate Bowl
F-410 Metal Bowl
Suffix AD-M for Auto Drain

TEMPERATURE AND PRESSURE RATING

SIZE	MODEL	BOWL	MAX. PRESSURE	MAX. TEMP.	WITH AUTO DRAIN	
					MAX. PRESSURE	MAX. TEMP.
G1/4, G ½	F401	Polycarbonate	12 Kg/Cm ²	50°C	12 Kg/Cm ²	50°C
	F410	Metal	18 Kg/Cm ²	70°C	12 Kg/Cm ²	50°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 filter 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.

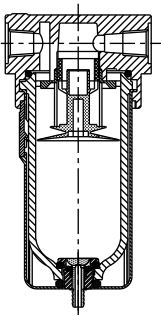
To maintain maximum filtering efficiency and to avoid excessive pressure drop, the filter must be kept clean. Turn drain valve anti-clockwise to remove any bowl accumulation before it reaches level of lower baffle. A visible coating of dirt or condensate on filter element or excessive pressure drop indicates cleaning is necessary.

MAINTENANCE-CLEANING

NOTE :- To clean, it is not necessary to remove item from line.

To clean, depressurize and unscrew bowl. Follow drawing provided for disassembly and reassembly.

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



REPLACEMENT PARTS ORDER BY SIZE AND KIT NUMBER

CONSISTS OF PART NAME	KIT NAME	KIT No
Filter Element	Element Kit *25 Microns	F401-E25
	* 40 Microns	F401-E40
Bowl with Drain Cock	Bowl Replacement Kit * Plastic	F401 - BAP
	Metal	F401-BAM
Drain Cock Assy.	Drain Cock Kit (semi auto)	F401-DCA
Bowl 'O' Ring, DIC Assy.	Service Rubber Kit	F401-O

AIR PROCESSING PRODUCTS

Shah Pneumatics

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MIDI FILTERS (OMI).