

Airmatic

HIGH EFFICIENCY COALESCING FILTER(STD)

MODEL : A 602-04-19, A 603-04-19
A 603-06-36, A 603-08-64

TEMPERATURE AND PRESSURE RATING

MODEL	BOWL	MAX. PRESSURE	MAX. TEMP.
A 602	Polycarbonate	12 Kg/cm ²	50° C
A 603	Metal	18 Kg/cm ²	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.

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.

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 is being removed from the system and a pre-filter should be installed.

The filter element should be **REPLACED** when pressure drop across the filter (within prescribed flow range) exceeds 0.7 Kg/Cm². This occurrence indicates that solid particles which are trapped in the filter media have reached a level such that air flow is

CLEANING

Blow out filter body with air hose, **CLEAN BOWL ASSEMBLY WITH HOUSEHOLD SOAP ONLY.** The auto-drain may be flushed out manually by rotating the drain cock clockwise. If additional cleaning is indicated, remove the auto-drain assembly from the filter bowl and clean screen. Disassemble the lever actuation mechanism by snapping lever out of the plastic retainer on float and remove the pin. Remove the disc assembly and the large float. Carefully breakaway the interference fit between the plastic housing and the brass body and remove the piston and spring. Clean all component parts thoroughly with soapy water or alcohol and clean or replace all seals as necessary. Insure that the small orifice in the housing and the piston are not clogged. Carefully re-assemble all parts positioning them as shown on the reverse side of this instruction sheet.

SEE OTHER SIDE FOR REPLACEMENT PARTS LIST.

AIR PROCESSING PRODUCTS

Shah Pneumatics

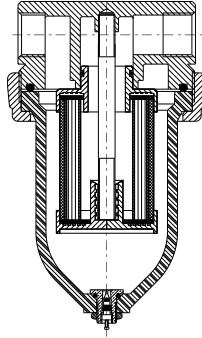
Regd. Office : 28-30, Navketan Industrial Estate,
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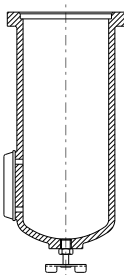
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Website : www.shah-pneumatics.com

**MODEL - A 602-04-19 (PLASTIC)
 A 603-04-19 (METAL)
 A 603-06-36 (METAL)
 A 603-08-64 (METAL)
 REPLACEMENT PARTS
 ORDER BY SIZE AND KIT NUMBER**

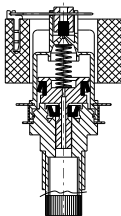


CONSISTS OF PART NAME	KIT NAME	KIT No.		
		G1/2	G3/4	G1
Bowl and Drain Cock	Bowl Replacement Kit	Plastic SFA-02	SFLB-08HA	
		Metal with SG SFA-03SG	SFLB-09SG	
Element 'O'Ring Filter Element	Element Replacement Kit	1.0 Micron E 0019XO	E 0036XO	E 0064XO
		0.01 Micron E 0019XA	E 0036XA	E 0064XA



METAL BOWL

PART NAME	KIT NAME	KIT Nos.	
		G1/4 - G1/2	G3/4 - G1
Bowl with Sight Glass & Drain Cock	Bowl Kit with Sight Glass	SFA-03 SG	SFLB-09 SG
Sight Glass Assy. 'O' Ring and screws	Sight Glass Repair Kit	SFLB-09A	



INTERNAL AUTO DRAIN - AD-B

PART NAME	KIT NUMBER
Float	ADP-O1
Service Rubber Kit	ADP-O