

TEMPERATURE AND PRESSURE RATING

MODEL	BOWL	MAX.	MAX.	WITH AUTO DRAIN	
		PRESSURE	TEMP.	MAX. PRESSURE	MAX. TEMP.
619 618	Poly	12 Kg/cm ²	50°C	12 Kg/cm ²	50°C
621 620	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 filter-regulator combination blow-out pipe line to remove scale and other foreign matter. Filter threads are DRYSEAL not normally requiring pipe compound, however, if desired, apply sparingly and to male threads only. Install filter-regulator with bowl vertical in pipe line so that air will flow in direction indicated on filter-regulator body. Install as near as possible to equipment serviced and upstream of regulator, lubricator etc.

ADJUSTMENT

To adjust reduced pressure settings turn adjustment screw tee clockwise to increase the reduced or regulated pressure & counter-clockwise to lower the pressure. With relieving-type regulators which are used for air service, the reduced pressure follows adjustment of the screw. To lock adjustment, simply tighten the lock-nut. With non-relieving regulators adjustment for lower reduced pressure will not be obtained until the reduced pressure system is "bleed-off" or until air flow starts.

MAINTENANCE-CLEANING

FILTER : To clean, it is not necessary to remove filter-regulator combination from line. Refer to drawing as guide in reassembly. To maintain maximum filtering efficiency and to avoid excessive pressure drop the filter must be kept

Clean, open 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. To clean, shut off air and depressurize air line and disassemble. Follow drawing provided as a guide for disassembly and reassembly.

Wash porous filter elements with kerosene or soap water. Micro fibre filter elements should be replaced if soiled or creating excessive pressure drop. Blow out body with compressed air. **CLEAN BOWL ONLY WITH HOUSEHOLD SOAP WATER.**

REGULATOR : If the air supply is kept clean, the regulator should provide long periods of uninterrupted service. Erratic regulator operation or loss of regulation is mostly due to dirt in the disc area.

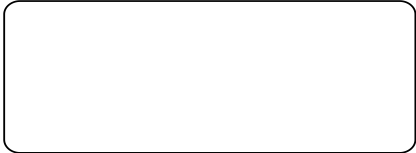
Remove filter bowl, baffle, element holder, spring and disc. Clean parts with denatured alcohol, wipe off seat and blow out body with compressed air. Reassemble parts as a unit (see back) and screw into filter regulator body. Before tightening element holder make sure disc is in center hole in body. When disassembling bonnet & diaphragm assembly. Make sure the adjusting screw is totally removed. Clean parts with house hold soap water only and blow out body with compressed air when reassembling make sure the diaphragm assembly fits on disc stem tighten screws diagonically.

SEE OTHER SIDE FOR REPLACEMENT PARTS LIST.

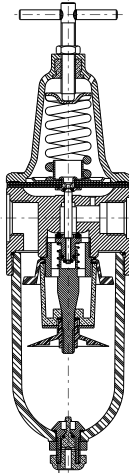
AIR PROCESSING PRODUCTS

Shah Pneumatics

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MODEL - 618/619 620/621 REPLACEMENT PARTS ORDER BY SIZE AND KIT NUMBER



CONSISTS OF PART NAME	KIT NAME	KIT No.		
		G1/4-G1/2	G3/4	
Diaphragm Assy.	Diaphragm Assy. Kit	* Relieving	SRC-04R	
		Non Relieving	SRC-04NR	
Stem Assy. with 'O' Ring	Stem Assy. Kit	SRC-06C	SRC-06A	
Gasket Upper / Lower and Filter Element	Element Kit	* 25 Micron	SFCA-243A	
		5 Micron	SFCA-243V	
Bowl with Drain Cock Assy.	Bowl Assy. Kit	* Plastic	SCA-01NHA	
		Metal	SCA-02HA	
Drain Cock Assy.	Drain Cock Kit	* Plastic	DSFC-01	
Diaphragm Assy. Steam Assy. Bowl 'O' Ring Element Gaskets Drain Cock Assy.	Service Kit	* Relieving	SC-OR	SC-0AR
		Non Relieving	SC-ONR	SC-0ANR

* STANDARD