

#### TEMPERATURE AND PRESSURE RATING

MODEL	BOWL	MAX. PRESSURE	MAX. TEMP.
TYPE FR-67	Metal	18 kg/cm <sup>2</sup>	70 <sup>o</sup> c

### 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.

**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 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 diagonally.

SEE OTHER SIDE FOR REPLACEMENT PARTS LIST.

## AIR PROCESSING PRODUCTS

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**INSTRUMENTAL FILTER- REGULATOR  
TYPE FR-67  
REPLACEMENT PARTS  
ORDER BY SIZE AND KIT NUMBER**



CONSISTS OF PART NAMES	KIT NAME	KIT No.
		G 1/4
Diaphragm Assy.	Diaphragm Assy. <small>Brass</small>	FR-07R
	Kit relieving <small>St. Steel</small>	FR-07SR
Stem Assy. With "o" ring	Stem Assy. <small>Brass</small>	FR-06AMB
	Kit <small>St. Steel</small>	FR-06AMC
Gasket Upper/ Lower & Filter Element	Element Kit <small>25 micron</small>	DFC-347A
	Plastic <small>5 micron</small>	DFC-347V
	Element Kit <small>25 micron</small>	DFC-347A-SB
	Sintered Bronze <small>5 micron</small>	DFC-347V-SB
Drain Cock Assy.	Drain Cock Kit <small>Brass</small>	WN-01B
	<small>St. Steel</small>	WN-01S
Diaphragm Assy. Stem Assy. Bowl 'o' Ring	Service Kit <small>Brass</small>	FR-0R-B
	<small>St. Steel</small>	FR-0R-S

\*STANDARD