



## MODEL 9003 MANUAL DRAIN FILTER SEPARATOR INSTALLATION AND MAINTENANCE

Bowl	Max. Pressure	Temperature Range
Plastic	150 psi	40°F to 125°F

**WARNING!** For compressed air service only. Do not use on life support systems or breathing air systems. Never use polycarbonate plastic bowls with 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 bowl. On these applications use a metal bowl. Also, do not expose the polycarbonate plastic bowl to materials such as trichlorethylene, acetone or paint thinner. Cleaning fluids or other harmful materials will craze and/or rupture the bowl. If materials harmful to polycarbonate are present either outside or inside the bowl, use a metal bowl. For any additional information regarding chemical compatibility please contact: General Electric Plastics, One Plastic Avenue, Pittsfield, MA.

### MAINTENANCE AND OPERATION

Install units so the air flow is in the direction as indicated on the head of the unit. Filters should be installed upstream of regulators. Lubricators should be downstream of regulators. Units should be installed as close as possible to the pneumatic tools or appliances being serviced.

### FILTER

Filtering of liquid, water and dirt particles is automatic with air flow. There are no moving parts and no adjustment is required.

Accumulated sludge and moisture should be drained off. Water, dirt or sediment should not be permitted to fill above the filter element.

Wash or replace element at regular intervals to prevent excessive pressure drop. To clean element, depressurize system, unscrew bowl and remove element from head. Wash element with naphtha and allow to dry before reassembling. Inspect gasket and replace if damaged or distorted. Avoid stripping threads on bowl when reassembling.

Item	Description	Kit Number	Contents
2, 3, 4	Element Kit	900561	Vane, O-Ring, 20 Micron Element
1, 5, 6	Bowl Kit	900568	Bowl Gasket, Plastic Bowl, Drain Valve

For replacement or repair filter and regulator parts, contact EXAIR at 1-800-903-9247 or techhelp@exair.com. Call (513) 671-3322 for outside the US and Canada.

If you have any questions or problems, please contact an EXAIR Application Engineer at:

Toll Free: 1-800-903-9247 (U.S. and Canada)  
Telephone: (513) 671-3322 outside of U.S. and Canada  
Toll Free Fax: 1-866-329-3924 (U.S. and Canada)  
FAX: (513) 671-3363 outside of U.S. and Canada  
E-mail: techhelp@exair.com  
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