EXAIR® Corporation
11510 Goldcoast Drive ▪ Cincinnati, OH, USA 45249-1621
(513) 671-3322 ▪ FAX (513) 671-3363 ▪ E-mail: techelp@exair.com

MODEL 9005 AND 9027 OIL REMOVAL FILTERS INSTALLATION AND MAINTENANCE

Bowl	Max. Pressure	Temperature range
Metal	250 psi	40°F to 200°F
w/ Sight	250 psi	40°F to 160°F
w/Auto Drain	30 psi to 175 psi	40°F to 120°F

WARNING! For compressed air service only. Do not use on life support systems or breathing air systems. Bowl is made of polycarbonate which will craze or crack if exposed to chemicals incompatible with polycarbonate. For any additional information regarding chemical compatibility please contact: General Electric Plastics, One Plastic Avenue, Pittsfield, MA.

INSTALLATION

Install units so the air flow is in the direction as indicated on the head of the unit. Filter should be installed upstream of regulators. If an air dryer is being used, install the filter downstream from the dryer. In most cases, a particulate pre-filter with a 3 micron absolute element is recommended to greatly extend the life of the coalescer element. When the coalescer element becomes clogged with dirt, it must be replaced. If it is kept free from dirt, it will coalesce oil indefinitely. A pre-filter will remove water and dirt before it reaches the coalescer, and will reduce maintenance costs. The coalescer filter is then free to remove oil, oil vapors, and submicron sized particles without prematurely clogging with large particles of dirt and scale.

WARNING! Units are die cast aluminum, do not torque while installing. Also, pressurize unit slowly after installation of unit or new element to avoid damage to element.

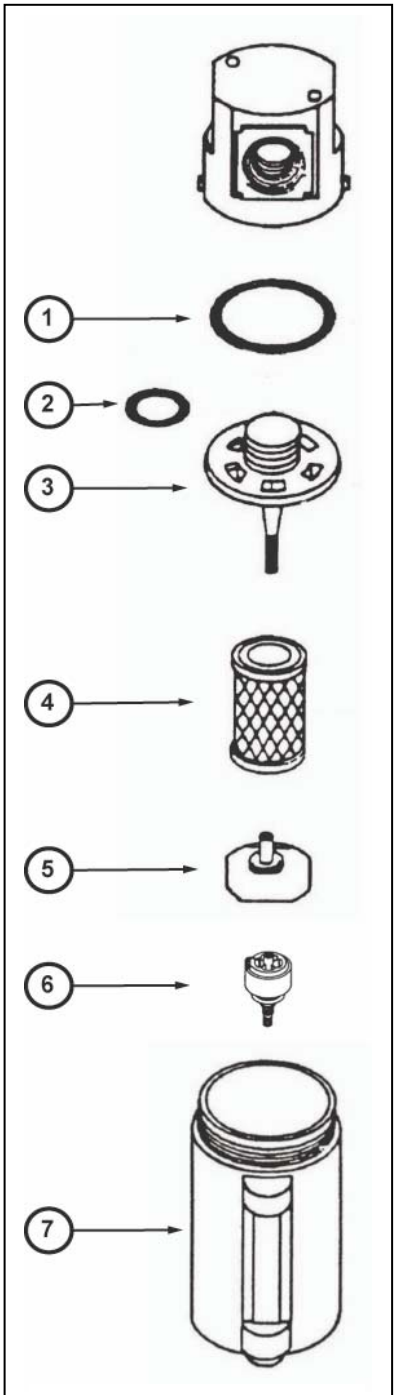
OPERATION ADJUSTMENTS

If the filter is installed properly, it should give long trouble-free service. The pressure drop across the filter should not exceed 10 psi. If the pressure drop exceeds 10 psi, either the filter element needs to be replaced or the unit is being operated beyond its capacity and a larger size unit is required. Operating the filter at a pressure drop in excess of 10 psi will greatly reduce the efficiency of the filter. Internal float drain will automatically eject moisture at regular intervals. Do not permit the sediment to fill above the lower baffle.

If oil appears downstream: 1) check downstream air lines to be sure that they are free of residual oil; 2) check to see that the filter element and O-ring are in good condition and installed properly.

Item	Description	Kit No.	Contents
4	Element Kit	900563	.03 Micron Coalescing Element
1, 2, 3, 5, 6, 7	Rebuild Kit For Model 9005	900592	Bowl O-Ring, O-Ring, Retainer, Baffle, Float Drain, Bowl
1, 2, 3, 5, 6, 7	Rebuild Kit For Model 9027	900595	Bowl O-Ring, O-Ring, Retainer, Baffle, Float Drain, Bowl w/Sight Glass

Warning! Pressurize and depressurize this unit slowly. Failure to follow this procedure may rupture sensitive coalescing material.



NOTE: Automatic Float Drain is used for pressure from 30 psi to 175 psi, and from 40°F to 120°F.

For replacement or repair filter and regulator parts, contact EXAIR at 1-800-903-9247 or techelp@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: techelp@exair.com
Website: www.exair.com