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## .03 COALESCING FILTER INSTRUCTION SHEET

### BOWL

Metal  
Metal with Auto Drain

### Maximum Pressure

250 PSI  
30 to 175 PSI

### Temperature Range

40°F to 160°F  
40°F to 120°F

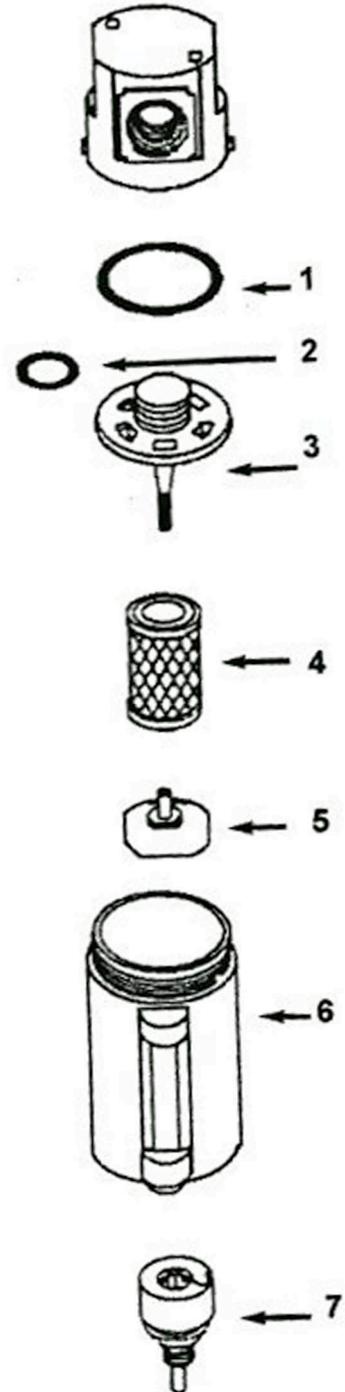
**Warning!** For compressed air service only. Not to be used on life support or breathing air systems.

**INSTALLATION:** Install filter so the air flow is in the direction of the arrow 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. A 40 micron pre-filter 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 sub-micron sized particles without prematurely clogging with large particles of dirt and scale.

**WARNING:** Units are die cast aluminum, do not over torque when 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.

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	Kit Description	Kit Part #	Contents
		1035, 1036, 1037	
1, 6	Bowl kit	1018M	Metal Bowl with Overnight Drain, O-Ring
2, 3, 5	Repair Kit	1035-10	Retainer, O-Ring, Baffle
4	Element Kit	1035-1	.03 Micron Coalescing Element
7	Auto Float Drain Kit (Optional)	1168	Float Drain Assembly, Bowl Insert, O-Ring, Retainer Ring
Not Pictured	Overnight Drain	1120-16	