

A-4000-1037, -146, -147, -1048, -1049, -152, -6001

# **Oil Removal Filters**

### **Description**

Combining coalescing and activated carbon filters in series provides clean, oil free air by removing both oil aerosols and vapors in pneumatic control systems.

Note: The air supply to this filter combination must be from a properly broken-in-air compressor producing less than 6 ppm aerosol oil (as measured by a Johnson Controls® A-4000-120 Oil Indicator on the compressor tank outlet) and must also pass through a properly operating air dryer.



A-4000-1048



A-4000-1049



A-4000-6001

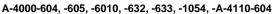
# **Repair Information**

If the oil removal filter fails to operate within its specifications, replace the unit. For a replacement filter, contact the nearest Johnson Controls® representative.

#### **Selection Charts**

A-4000-1037, -146, -147, -1048, -1049, -152, -6001

Code Number	Description		Connection
A-4000-1037	Inline Filter		1/4 in. Barb
	Coalescing Filter		3/8 in. NPT
A-4000-1048 A-4000-1049 A-4000-6001	Nominal scfm (L/s) 10 (4.7) 20 (9.4) 40 (18.9)	17 (8.0) 30 (14.1) 50 (23.5)	
	Activated Carbon Filters		1/2 in. NPT
A-4000-147 A-4000-146	Nominal scfm (L/s) 10 (4.7) 20 (9.4)	Maximum scfm (L/s) 12 (5.6) 23 (10.8)	
A-4000-152	Universal Mounting Kit		3/8 and 1/2 in. NPT



Code Number	Description			
	Coalescing Filter Elements			
A-4110-604 A-4000-604 A-4000-605	Nominal scfm (L/s) 10 (4.7) 20 (9.4) 40 (18.9)	Maximum scfm (L/s) 17 (8.0) 30 (14.1) 50 (23.5)		
	Activated Carbon Filter Elements			
A-4000-632 A-4000-633	Nominal scfm (L/s) 10 (4.7) 20 (9.4)	Maximum scfm (L/s) 12 (5.6) 23 (10.8)		
A-4000-6010 <sup>1</sup>	Auto-Drain Kit (All Coalescing Filters)			
A-4000-1054 <sup>1</sup>	Manual Override			

The A-4000-6010 auto drain and A-4000-1054 manual override assemblies are only compatible with each other and do not work with A-4000-610 auto drain and A-4000-154 manual override assemblies.



A-4000-146



A-4000-147



A-4000-152 Universal Mounting Kit



A-4000-6010 Auto-Drain Kit

## **Technical Specifications**

Oil Removal Filters					
Maximum Input Pressure	125 psig (862 kPa)	A-4000-1037 (2600 scim)			
	150 psig (1034 kPa)	A-4000-146 (23 scfm)			
		A-4000-147 (12 scfm)			
		A-4000-1048 (12 scfm)			
		A-4000-1049 (23 scfm)			
		A-4000-6001 (40 scfm)			
Temperature Limit	125°F (52°C)				



A-4000-1037