

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.

### 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	Nominal scfm (L/s)	Maximum scfm (L/s)
A-4000-1049	10 (4.7)	17 (8.0)
A-4000-6001	20 (9.4)	30 (14.1)
	40 (18.9)	50 (23.5)
	Activated Carbon Filters	1/2 in. NPT
A-4000-147	Nominal scfm (L/s)	Maximum scfm (L/s)
A-4000-146	10 (4.7)	12 (5.6)
	20 (9.4)	23 (10.8)
A-4000-152	Universal Mounting Kit	3/8 and 1/2 in. NPT

A-4000-604, -605, -6010, -632, -633, -1054, -A-4110-604

Code Number	Description
	Coalescing Filter Elements
A-4110-604	Nominal scfm (L/s)
A-4000-604	10 (4.7)
A-4000-605	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	Nominal scfm (L/s)
A-4000-633	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

1. 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.

### 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-4000-1048



A-4000-1049



A-4000-6001



A-4000-146



A-4000-147



A-4000-152  
Universal Mounting Kit



A-4000-6010  
Auto-Drain Kit



A-4000-1037