Code No. LIT-1921160
Issued September 16, 2026

A-4000-139 to -145

Oil Removal and Pressure Reducing Stations

Description

The A-4000 -139 through -142 Oil Removal and Pressure Reducing Stations provide clean, oil free air for pneumatic control systems.

Refer to *A-4000 Series Oil Removal and Pressure Reducing Stations & Air Compressor Accessories (LIT-7188060)* for important product information.

Features

- available in single or dual PRV models in 17 or 25 scfm (8.0 or 11.7 L/s) maximum flow capacities
- includes a four-way bypass valve
- equipped with coalescing and activated carbon oil removing filters
- piped with copper tubing for increased durability

Note: The air supply to these stations 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 A-4000 -139 through -142 Oil Removal and Pressure Reducing Station fails to operate within its specifications, replace the unit. For a replacement oil removal and pressure reducing station, contact the nearest Johnson Controls® representative.

Selection Charts

A-4000 -139 through -142
Oil Removal and Pressure Reducing Stations

Code Number	Flow Consumption	Compressor HP (50% Running Time)	PRV
A-4000-139	Designed Working 10 scfm (4.7 L/s) Maximum 17scfm (8.0 L/s)	Up to 5 hp	Single
A-4000-141	Designed Working 23 scfm (10.8 L/s) Maximum 25 scfm (11.7 L/s)	Up to 10 hp [1]	Single
A-4000-145	Accessory Oil Reserve		

1. For installation with more than 25 scfm air consumption, use 2 or more stations.

Accessories/Maintenance Parts for A-4000 -139 through -142

Code Number	Description	
A-4000-632	Activated Carbon Filter Elements	Nominal 10 scfm (4.7 L/s) Maximum 17 scfm (8.0 L/s)
A-4000-633		Nominal 20 scfm (9.4 L/s) Maximum 30 scfm (14.1 L/s)
A-4110-604	Coalescing Filter Elements	Nominal 10 scfm (4.7 L/s) Maximum 12 scfm (5.6 L/s)
A-4000-604		Nominal 20 scfm (9.4 L/s) Maximum 23 scfm (10.8 L/s)
A-4000-138	3/8 in. Pressure Regulator with Bracket, Gauge, and Safety Relief Valve	
A-4110-601	Four-Way Bypass Valve with 3/8 in. Compression Fittings	

Technical Specifications

A-4000-139 to -145 Oil Removal and Pressure Reducing Stations		
Maximum Pressure Input Rating		150 psig (1,034 kPa)
Pressure Setting	**Temperature LImit**	120°F (52°C)
	SIngle PRV	20 psig (138 kPa) Nominal; 25 psig (172 kPa) Maximum
	Dual PRV	15 and 20 psig (103 and 138 kPa) Nominal; 25 psig (172 kPa) Maximum
Pressure Drop at 10 scfm	**Dual 10 scfm**	Maximum of 1 psi (7 kPa)
	Dual 20 scfm	2 psi (14 kPa)
	Fittings	1/2 in. O. D. Compression Provides Dual Supply Air to System
		1/2 in. Connection Provides Constant 20 psig (138 kPa) to Local Control Panels
		3/8 in. Connection Provides Filtered High Pressure Air to Remote PRV Stations
Filters		Replace After 1 Year

The performance specifications are nominal and conform to acceptable industry standards. For applications at conditions beyond these specifications, consult the local Johnson Controls office. Johnson Controls, Inc. shall not be liable for damages resulting from misapplication or misuse of its products. © 2026 Johnson Controls, Inc.