Large diaphragm provides accurate and quick response to changing flow demands and line pressure

Floating valve pin provides positive valve seating

Balanced valve minimizes effect of variations in inlet pressure on outlet pressure

Standard relieving models allow reduction of downstream pressure when the system is dead-ended

Technical data

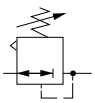
Fluid:
Compressed air, neutral gases
NOTE: Contact technical support for use with other media.
Maximum pressure:
400 psig (28 bar)
Operating temperature*:
-30° to 175°F (-34° to 80°C)
*Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

Gauge ports
1/8" PTF with PTF main ports
Rc1/8 with ISO G main ports

Materials
Body: zinc
Bonnet: aluminum
Valve: brass and nitrile
Valve seat: brass, or zinc
Elastomers: nitrile
Bottom plug:
1/4" and 3/8" ports: brass
1/2" Ports: nylon

Ordering information

Models listed have T-bar adjustment, relieving diaphragm. PTF models are 5 to 125 psig (0.3 to 8.5 bar) outlet pressure adjustment range*.
For alternative models please contact the factory.

ISO Symbols	Port Size	Model Number	Model Number w/panel mount option	Flow scfm (dm3/s)	Weight lbs (kg)
	1/4"	11-002-013	11-002-013-2A	60 (30)†	1.9 (0.86)
	3/8"	11-002-037	11-002-037-2A	60 (30)†	1.9 (0.86)
	1/2"	11-002-061	11-002-061-2A	200 (100)†	2.0 (0.91)

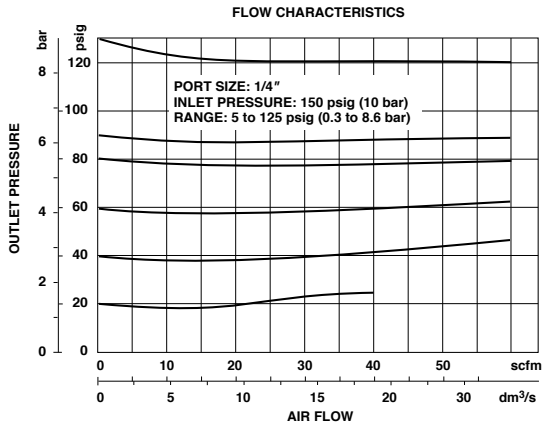
* Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.
† Typical flow with 150 psig (10 bar) inlet pressure, 90 psig (6.3 bar) set pressure and 15 psig (1 bar) droop from set.
** Typical flow with 100 psig (7 bar) inlet pressure, 60 psig (4 bar) set pressure and 15 psig (1 bar) droop from set.

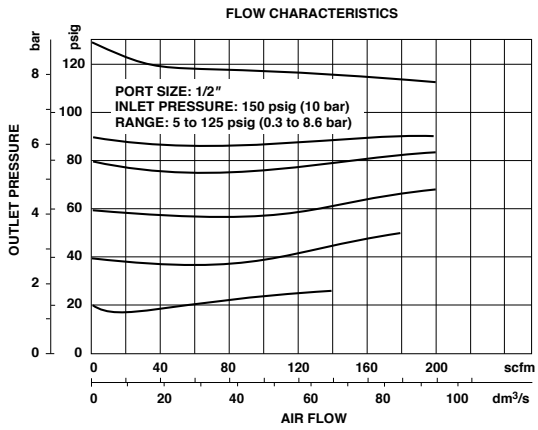
Service Kits

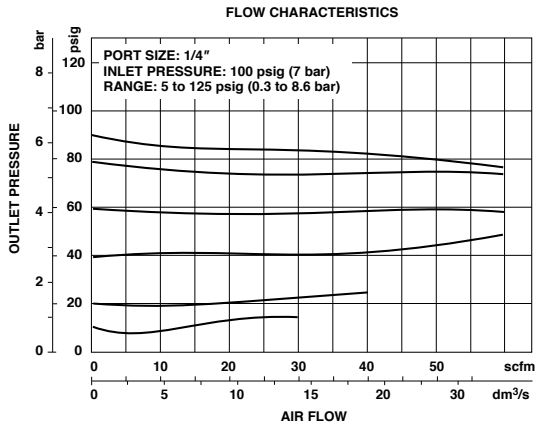
Type	Part number
Relieving, 1/4" and 3/8" ports	529-03
Relieving, 1/2" ports	535-03

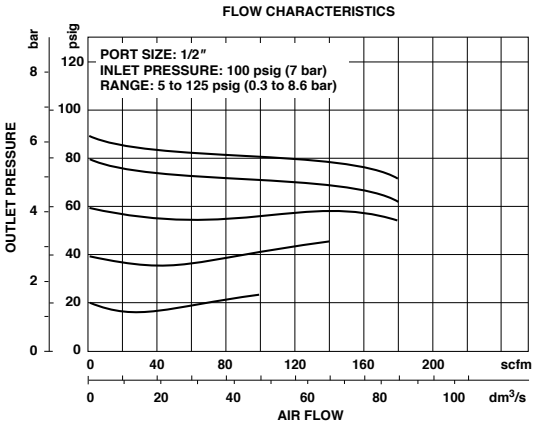
Kit includes diaphragm, valve, valve spring, and o-rings.

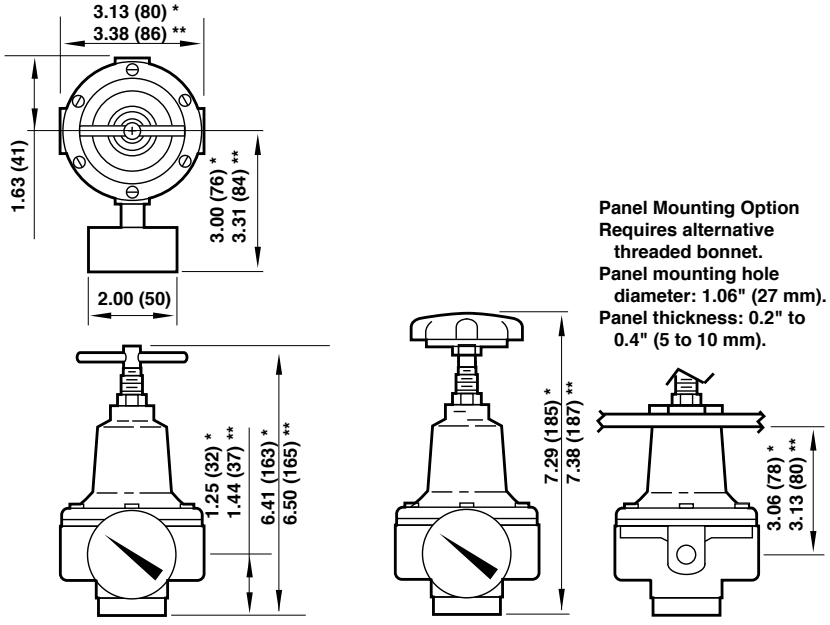
Typical Performance Characteristics











Panel Mounting Option
Requires alternative threaded bonnet.
Panel mounting hole diameter: 1.06" (27 mm).
Panel thickness: 0.2" to 0.4" (5 to 10 mm).

Dimensions in inches (mm)