

Pilot regulators are used to control the outlet pressure of a pilot operated regulator (ordered separately)

The pilot regulator is installed in an accessible location in the compressed air system; pilot operated regulator is installed at any point without regard to accessibility

Conventional pilot regulator provides good pressure regulation, rapid response to changing flow demands, and excellent stability.

Constant bleed feature provides maximum sensitivity to system changes

Relief feature allows reduction of downstream pressure when the system is dead-ended



Technical data

Fluid:

Compressed air filtered to 5µm, neutral gases

NOTE: Contact technical support for use with other media.

Maximum inlet pressure:
360 psig (25 bar)

Operating temperature:

0° to 175°F (-20° to 80°C) *
* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Typical flow: with 100 psig (7 bar) inlet pressure, 23 psig (1.6 bar) set pressure and 1.5 psig (0.1 bar) droop from set:
4.2 scfm
(2 dm³/s)

Gauge ports:

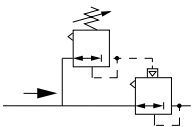
1/8" PTF

Materials:

Body, bonnet: zinc
Elastomers: nitrile

Ordering information

Models listed are relieving with constant bleed, PTF threads, without gauge.

ISO Symbol	Port Size	Model Number	Range psig (bar)	Weight lbs (kg)
 <p>Conventional Pilot Regulator with Pilot Operated Regulator</p>	1/4"	11400-2G-AC103	1 to 30 (0.06 to 2)	1.98 (0.90)
	1/4"	11400-2G-AE103	1 to 60 (0.06 to 4)	2.07 (0.94)
	1/4"	11400-2G-AG103	2 to 100 (0.16 to 7)	2.2 (1.00)
	1/4"	20AL-X2G-AK103	100 to 300 (7 to 20)	2.3 (1.05)

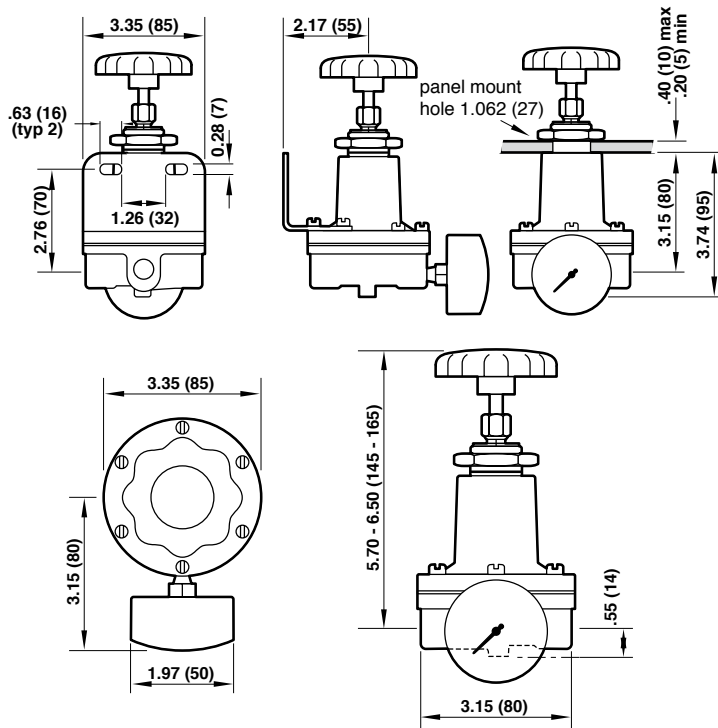
Service Kits

Type	Part number
11400-20AL-X	11400-100-20AL

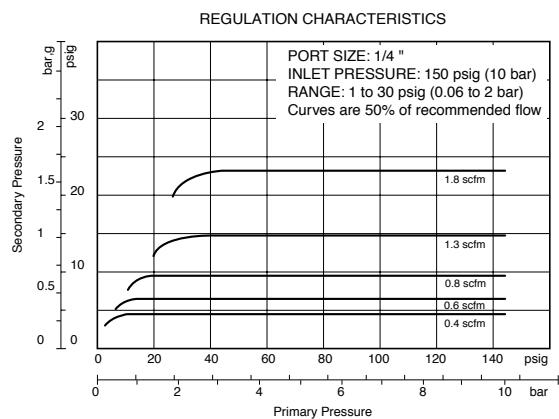
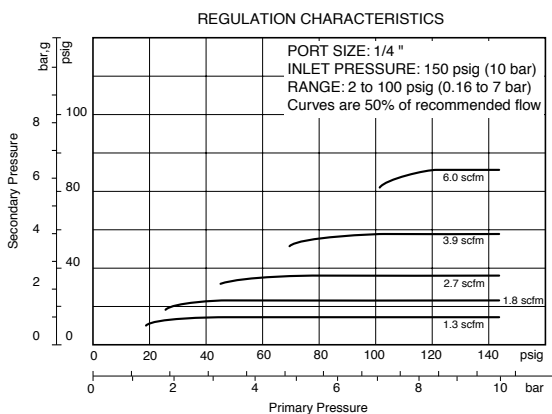
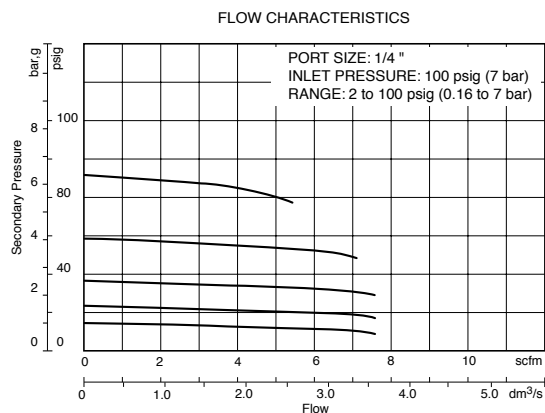
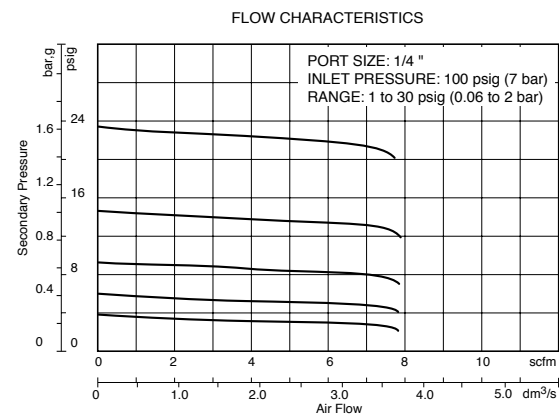
Service kit includes: diaphragm assemblies, valve assembly, valve spring o-rings and valve seats for pilots.

Mounting Dimensions

(Shown with optional gauge and mounting bracket)



Typical Performance Characteristics



Dimensions in inches (mm)