

R17
High flow regulator, 3/4" to 1-1/2" ports

Technical data
Fluid:

Compressed air, neutral gases

NOTE: Contact technical support for use with other media.

Maximum pressure:

300 psig (20 bar)

Operating temperature:

-30°F to 175°F (-34° to 80°C)

* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

Materials

Body: aluminum

Bonnet: aluminum

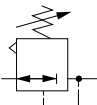
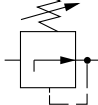
Bottom plug: acetal

Valve: aluminum and nylon

Elastomers: nitrile

Ordering information

Models listed have PTF threads, knob adjustment, relieving type diaphragm, and gauge.

ISO Symbols	Port Size	Model Number	Flow† scfm (dm ³ /s)	Weight lbs (kg)
 R17 Relieving  R17 Non relieving	1"	R17-800-RGLA	480 (227)	2.02 (0.92)

† Typical flow with 100 psig (0.7 bar) inlet pressure, 90 psig (6.3 bar) set pressure and a droop of 15 psig (1 bar) from set.

Alternative Models

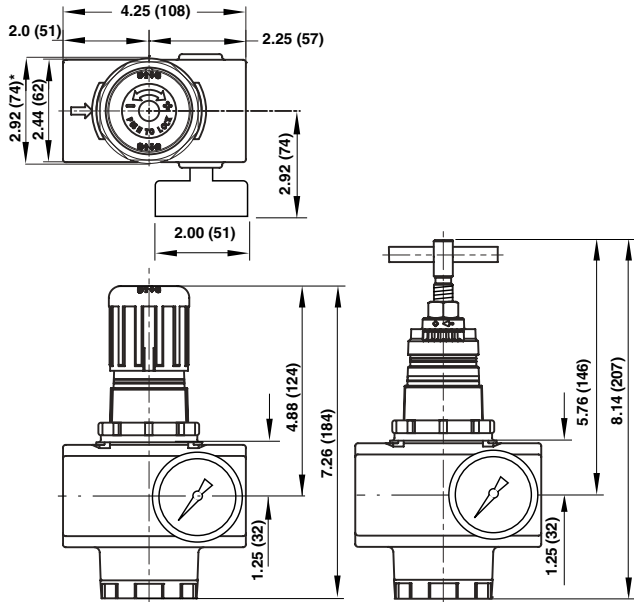
Port Size	Substitute
3/4"	6
1"	8
1-1/4"	A
1-1/2"	B
Adjustment	Substitute
Knob	0
T-bar	1

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Threads	Substitute
PTF	A
ISO G	G
Outlet Pressure Adjustment Ranges*	Substitute
5 to 50 psig (0.3 to 3.5 bar)	E
5 to 125 psig (0.3 to 8.5 bar)	L
10 to 250 psig (0.7 to 17 bar)	S
Gauges	Substitute
With	G
Without	N
Diaphragm	Substitute
Relieving	R

Panel mounting hole diameter: 2.28" (58 mm)
Panel thickness: 0.06" to 0.16" (2 to 4 mm)

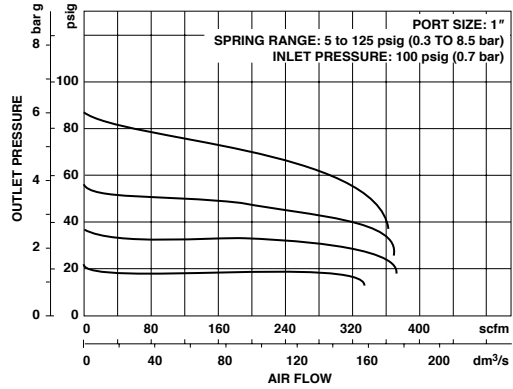
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Panel mounting hole diameter: 2.28" (58 mm)
Panel thickness: 0.06" to 0.16" (2 to 4 mm)
*OD of panel mount nut. Nut not included

Dimensions in inches (mm)

Typical Performance Characteristics
R17



Service Kits

Item	Type	Part number
Service kit	Relieving	5578-02
	Non relieving	5578-01

Service kit contains, diaphragm, all o-rings, valve, and valve spring.