

Type 100 Precision Air Pressure Regulator

Dependable, stable and highly precise precision regulation

Specifications

Flow Capacity	14 SCFM (25m ³ /hr.) at 100 psig (700 kPa) supply 20 psig outlet (140 kPa) outlet.
Exhaust Capacity	5 psig (35kPa) above 20 psig (140 kPa) setpoint Type 100 - 2 SCFM (3.4 m ³ /hr.) Type 100HR - 10 SCFM (17.0 m ³ /hr.) (High Relief)
Sensitivity	1/8" (3.2mm) water
Pilot Pressure Chamber Bleed Rate	less than 0.08 SCFM (0.15m ³ /hr.)
Effect of Supply Pressure Variation	of 25 psig (170kPa) on outlet less than .005 psig (.03 kPa)
Supply Pressure, Maximum	150 psig (1050 kPa)
Weight	1.4 lb. (635g)
Port Sizes	1/8", 1/4", 3/8"
Gage Ports (2)	1/4"
Output Pressure Ranges	2-40 psi, 2-60 psi, 2-120 psi
Mounting Options	Pipe or panel
Materials	Body: diecast zinc alloy. Capsule and adjusting screw: stainless steel. Assemblies: stainless steel, brass, plated steel, acetal. Diaphragms: Buna-N elastomer and polyester fabric. Knob: phenolic plastic.