Type 92
Subminiature Regulator Series

- Designed for applications with limited space and for low flow or dead end service
- Small package size and lightweight construction
- Corrosion resistant anodized aluminum exterior
- Excellent stability and repeatability
- Self relieving
- Low cost

With the new Type 92, Marsh Bellofram has created a subminiature regulator with a true rolling diaphragm design. Most subminiature regulators utilize a flat diaphragm, which in this small of a regulator causes excessive droop and low stability. By utilizing a larger diameter rolling diaphragm, the Type 92 regulator offers a more sensitive regulator with excellent stability and significantly less droop.

The Type 92 Subminiature Regulator is a compact, low-cost unit which operates in pressure ranges up to 100 PSI, with a maximum supply pressure of 150 PSI. It provides dependable reliability and accuracy for low flow or dead end applications. The Type 92 subminiature regulator is available with a corrosion resistant anodized aluminum body and bonnet. Comes standard with a fluorocarbon diaphragm.

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Effect of Supply Pressure Variation (25 PSIG) on Outlet Pressure	< 0.5 PSIG (35.5 mBAR)
Exhaust Capacity (5 psig above 20 PSIG set point)	0.1–0.3 SCFM Typical (2.8-8.5 LPM)
Maximum Supply Pressure	150 PSIG (10.3 BAR)
Flow Capacity at 100 PSIG (6.9 BAR) Supply and 20 psig (1.4 BAR) Outlet	5 SCFM (141 LPM)
Standard Output Pressure Ranges	0-5 PSIG (0-0.35 BAR) 0-15 PSIG (0-1.0 BAR) 0-30 PSIG (0-2.1 BAR) 0-60 PSIG (0-4.1 BAR) 0-100 PSIG (0-6.9 BAR)
Total Air Consumption at Max Output Pressure	0.3 SCFH (0.14 SLPM)
Operating Temperature Range	0 - +160°F (-18°- 71°C)
Port Size	1/16 NPT - Side and Bottom Ports
Materials of Construction	Body: Anodized Aluminum Bonnet: Anodized Aluminum Trim: Acetal, Brass, Stainless Steel Diaphragm: Fluorocarbon with Polyester Fabric Knob: Acetal Resin Spring: Stainless Steel, Music Wire
Size and Weight	1.19" X 1.19" X 3.55" (30.2 X 30.2 X 90.2 mm) 2.8 oz. (0.08 kg)
Mounting Options	Pipe or Panel

Type 92 Dimensional Drawing