

# Type 92

## Subminiature Regulator Series

### Features

- 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

