

P40 & P40 NACE Specifications

	P40 Regulator	P40 NACE Regulator
Sensitivity	1" (25.4 mm) Water Column	1" (25.4 mm) Water Column
Flow Capacity	20 SCFM (565 LPM)	20 SCFM (565 LPM)
Effect of Supply Pressure variation (25 PSIG) on Outlet Pressure	< 0.2 PSIG (0.01 BAR)	< 0.2 PSIG (0.01 BAR)
Exhaust Capacity (5 PSIG above 20 PSIG set point)	0.1–0.45 SCFM Typical (2.8–12.7 LPM)	0.1–0.45 SCFM Typical (2.8–12.7 LPM)
Maximum Input/Supply Pressure	250 PSIG (17.2 BAR)	250 PSIG (17.2 BAR)
Effect of Changes in Flow on Regulated Pressure (100 PSIG/6.9 BAR Supply)	4 PSIG (0.3 BAR) over flow 10 SCFM (283 LPM) (1/4 NPT, 20 PSIG / 1.4 BAR set point)	4 PSIG (0.3 BAR) over flow 10 SCFM (283 LPM) (1/4" NPT, 20 PSIG / 1.4 BAR set point)
Output Pressure Ranges	0-10 PSIG (0-0.7 BAR), 0-35 PSIG (0-2.4 BAR) 0-60 PSIG (0-4.1 BAR), 0-120 PSIG (0-8.3 BAR)	0-10 PSI (0-0.7 BAR), 0-35 PSIG (0-2.4 BAR) 0-60 PSIG (0-4.1 BAR), 0-120 PSIG (0-8.3 BAR)
Temperature Range	0 to 160°F (-18 to 71°C)	0 to 180°F (-15 to 82°C)
Total Air Consumption @ Maximum Output NACE Relieving Model Only	0 SCFH	Relieving: 6 SCFH (2.8 LPM)
Port Size	1/4 NPT	1/4 NPT
Size	2.5" X 2.5" X 5.63" (63.5 X 63.5 X 143 mm)	2.5" X 2.5" X 5.63" (63.5 X 63.5 X 143 mm)
Weight	0.82 lb. (.37 kg)	0.82 lb. (.37 kg)
Materials of Construction	Body: Diecast Aluminum with Vinyl Paint Adjusting Screw: Plated Steel Trim: Plated Steel, Brass, Acetal Resin Diaphragm: Buna-N elastomer with Polyester Fabric Knob: Phenolic Plastic (option) Spring: Music Wire	Body: Diecast Aluminum with Epoxy Paint Adjusting Screw: Plated Steel Trim: Plated Steel, Stainless Steel, Acetal Resin Diaphragm: Fluoroelastomers, Polyester Valve Spring: Inconel, Range Spring: Music Wire
Mounting	Pipe, Panel or Bracket	Pipe, Panel, or Bracket

P40 & P40 NACE Dimensions

