



Type 855BP

Miniature Back Pressure Regulator

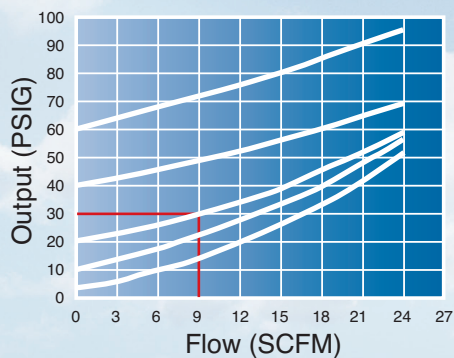
The Type 855BP Back Pressure Regulator is a compact unit that provides economical, high performance pressure relief with an adjustable set point. Its primary function is to provide protection against over pressurization in the downstream portion of a pneumatic system. This unit is capable of relief flows up to 35 SCFM. The highly sensitive diaphragm-operated design delivers accurate and repeatable downstream pressure relief.

Features

- Easy and Accurate Adjustment
- Push-Pull Locking Knob
- 5 Adjustment Ranges
(0-5, 0-15, 0-30, 0-60, 0-100 psig)
- 1/4" NPT Porting
- Compact and Lightweight
- Low Cost

Relief Capacity Example:

A Type 855BP 1/4NPT regulator is set to start relieving at 20 psig. As system pressure exceeds the setpoint, it will start relieving. If the pressure were to reach 30 psig, the 855BP would flow at a rate of 9 scfm.



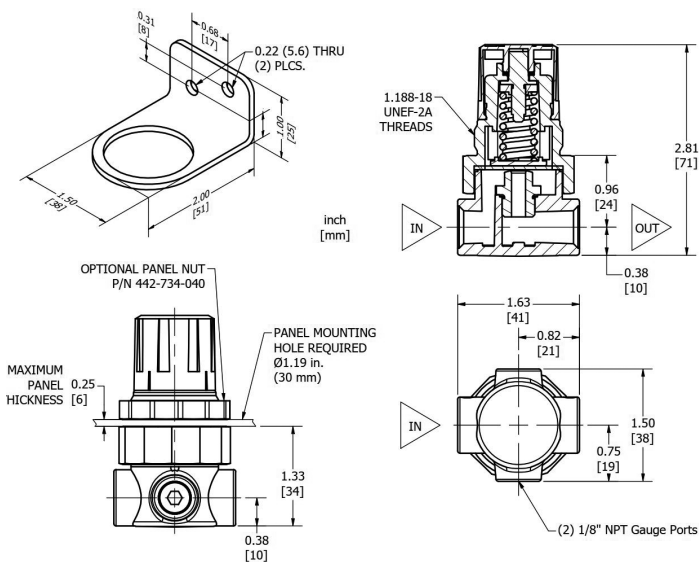
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Specifications

Relief Capacity	35 scfm (990 NI/min) depending on set point pressure and port size
Maximum System Pressure	250 psig (17.2 BAR)
Operating Temperature	0°F to 150°F (-18°C to 60°C)
Porting	Inlet and outlet-1/4" NPT, Gauge (2) - 1/8" NPT
Output Ranges	0-5 psig (0-0.4 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)
Materials	Spring/Adjusting Screw: Zinc-plated Steel Body: Epoxy Coated Zinc Bonnet, Piston: Acetal Diaphragm, O-ring: Nitrile Valve Seat: Aluminum
Weight	4.0 oz. (113 g)

Dimensional Drawings

Optional Mounting Bracket
P/N 446-707-100



Ordering Use this coding system to order

Model
855



Port Size	Output	psig	BAR
E	0-5	0-0.4	
A	0-15	0-1.0	
B	0-30	0-2.1	
C	0-60	0-4.1	
D	0-100	0-6.9	

Accessories

Mounting Bracket:	P/N 446-707-100	Panel Nut:	P/N 442-734-040
Gauge: 0-15 psi	P/N 446-725-005	Gauge: 0-30 psi	P/N 446-725-006
Gauge: 0-60 psi	P/N 446-725-007	Gauge: 0-160 psi	P/N 446-725-008

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P/N 441-625-081 8/25/22