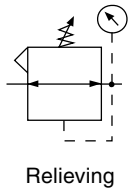# Regulator R39

Relieving

R39-06-F000

Features

- Balanced Valve Design
- Solid Central Piston for Extended Life
- 3/4" and 1" NPT Ports
- Port Blocks Available for BSPP Thread and 1-1/2" Port

☐ = "Most Popular"

Specifications

Flow Capacity*	3/4	200 SCFM (94.4 dm³/s)
	1	300 SCFM (141.6 dm³/s)
Adjusting Range Pressure		0 to 125 PSIG (0 to 8.6 bar)
Gauge Port		1/4
Maximum Supply Pressure		250 PSIG (17 bar)
Operating Temperature		32° to 175°F (0° to 80°C)
Port Size	NPT	3/4, 1
Weight	lb. (kg)	6.2 (1.9)

* Inlet pressure 100 PSIG (6.9 bar). Secondary pressure 90 PSIG (6.2 bar).

Materials of Construction

Body	Aluminum
Cap & Bonnet	Aluminum
Knob	Plastic
Piston	Plastic
Poppet Assembly	Brass / Nitrile
Springs	Steel
Seals	Nitrile

⚠ WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed maximum primary pressure rating.**
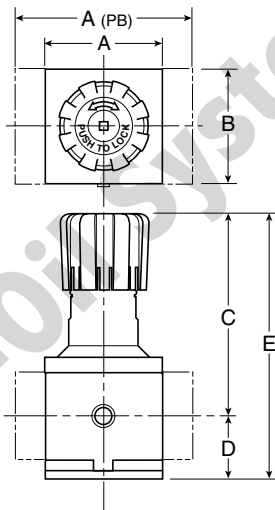
CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design.

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Dimensions

Model	Inches (mm)	A	A (PB)	B	C	D	E
Standard Unit R39-XX-F000		3.62 (92)	5.91 (150)	3.62 (92)	6.38 (162)	2.08 (53)	8.46 (215)

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Replacement Kits

Service Kit –
  Relieving P3NKA00RR
  Non-relieving P3NKA00RN

Spring, Regulating –
  1 to 60 PSIG (0.06 to 2.1 bar)................................. C10A1304
  2 to 125 PSIG (0.13 to 8.6 bar) C10A1308
  5 to 250 PSIG (0.34 to 17.2 bar) C10A1317

Accessories

Control Knob P3NKA00PN

Gauges –
  60 PSIG (0 to 4 bar)..K4520N14060
  160 PSIG (0 to 11 bar) K4520N14160
  300 PSIG (0 to 20 bar) K4515N14300

Mounting Bracket Kit P3NKA00MW

R39-06-F000

Inlet Pressure = 100 PSI (6.9 bar)

SECONDARY PRESSURE

AIR FLOW RATE

R39-08-F000

Inlet Pressure = 100 PSI (6.9 bar)

SECONDARY PRESSURE

AIR FLOW RATE
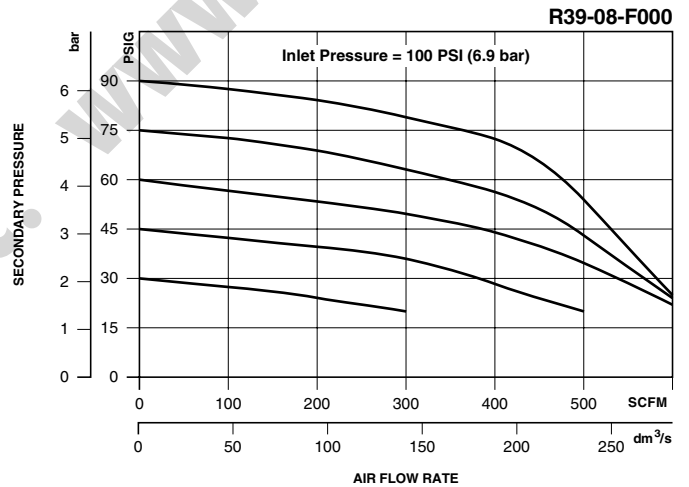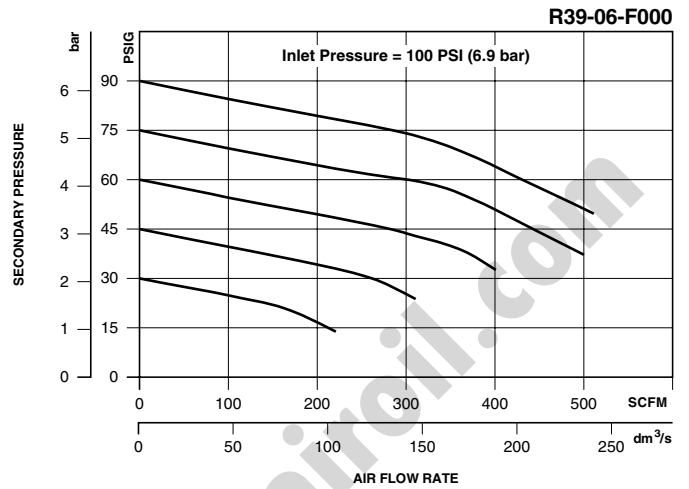
Ordering Information

Model Type	Port Size	Without Gauge 2 to 125 PSI (0.13 to 8.6 bar)
Relieving	3/4	R39-06-F000
	1	R39-08-F000

Options - To order an option supplied with the unit model, add the appropriate coded suffix letter in the designated position of the model number.

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B