

# HIGH PRESSURE 400 psi Maximum Inlet Regulator

# R67 Models Port Sizes: 1/8, 1/4, 3/8

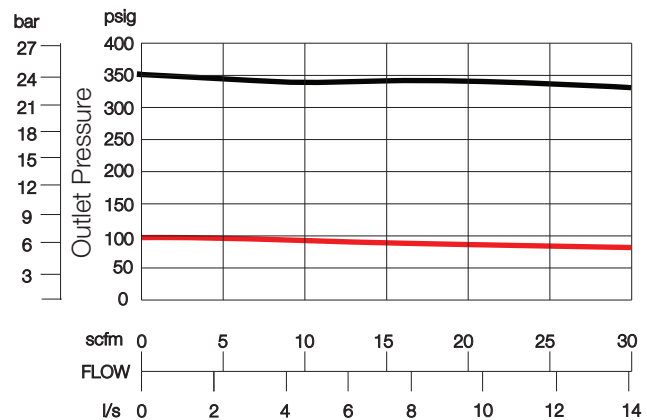


Model Shown: R67-3G1

- ◆ 400 PSIG maximum inlet pressure
- ◆ Pressure adjustment has a locking feature (Locknut).
- ◆ Self-relieving; non-relieving optional.
- ◆ Extra-strength metal dome.
- ◆ Aluminum body and dome; piston operation design
- ◆ **NPTF** port threads; optional **BSPP** threads.

## FLOW CHART

R67-3 Flow Characteristics using a 0-400 psig main spring and a 400 psig inlet



## SPECIFICATIONS

### Ambient/Media Temperature:

40° to 175°F (4° to 79°C).

**Body and Dome:** Aluminum

**Fluid Media:** Compressed air.

**Inlet Pressure:** 400 psig (27.5 bar) maximum.

**Knob:** Glass filled Nylon.

**Outlet Pressure:** Adjustable up to 390 psig (26 bar); optional 0-100 psig (7 bar) and 0-200 psig (14 bar).

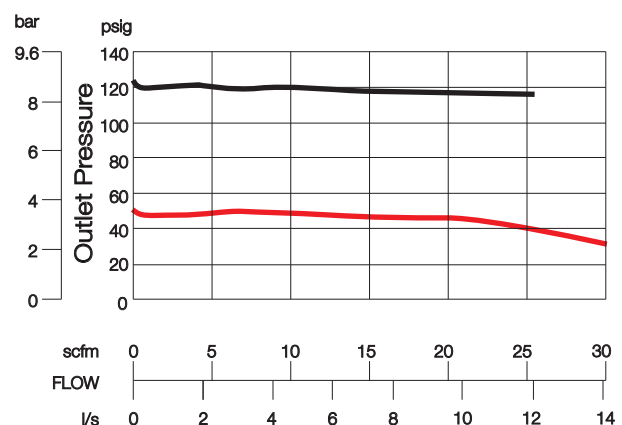
**Pressure Gauge:** 0 to 200 psig (0 to 14 bar); optional 0 to 600 psig (0 to 41 bar); 1/4-NPTF gauge ports on front and rear of head.

**Seals and O-rings:** Nitrile; optional Viton.

**Panel Mounting:** 1-9/16 inch (40mm) hole required.

## FLOW CHART

R67-3 Flow Characteristics using a 0-200 psig main spring and a 400 psig inlet

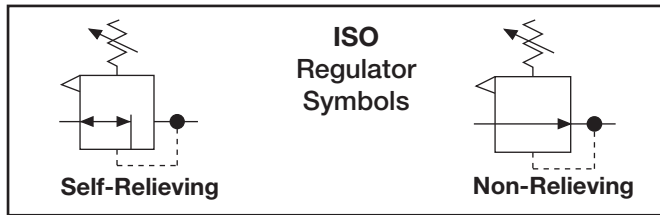
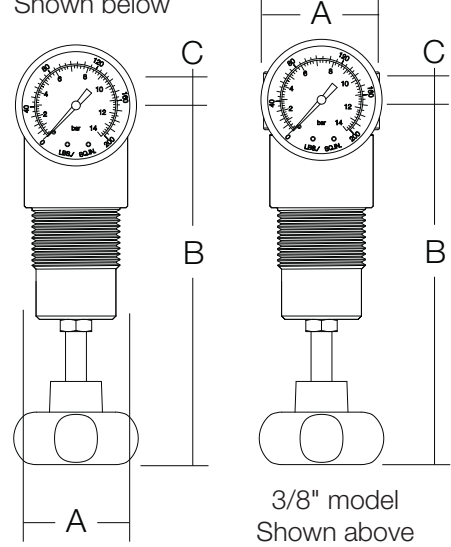


**DIMENSIONS** inches (mm)

Port Size	A	B	C	Depth †	Weight † lb (kg)
1/8-NPTF	1.9	7.3 max	0.4	1.9	1.15
1/4-NPTF	(47)	(186 max)	(10)	(47)	(0.53)
3/8-NPTF	2.1	7.4 max	0.5	2.1	1.30
	(54)	(188 max)	(13)	(54)	(0.59)

† Less Gauge

1/8" and 1/4" model  
Shown below



**ORDERING INFORMATION**

Change the letters in the sample model number below to specify the regulator you want.

**R67- 3 Y G1 PN W**

**PORT SIZE**

- 1/8 NPTF..... 1
- 1/4 NPTF..... 2
- 3/8 NPTF..... 3

**OPTIONS**

- (More than one option can be chosen)
- None ..... Leave Blank
  - Non-relieving ..... A
  - Small Valve Seat ..... C
  - Springs: (0-390 psig standard)
    - For optimum performance operating pressure should fall approximately in the middle of the spring range.
    - 0-100 psig (0- 7 bar) ..... L100
    - 0-200 psig (0- 14 bar) ..... L200
  - Viton O-rings and seals..... V

**PORT TYPE**

- NPTF threads ..... Leave Blank
- BSPF threads ..... W

**PANEL MOUNT OPTION**

- None ..... Leave Blank
- Metal mounting nut..... PN

**GAUGE OPTIONS**

- None ..... Leave Blank
- 0-200 psig 1/4" Gauge..... G
- 0-600 psig 1/4" Gauge ..... G1

**HIGH PRESSURE 400 psi max inlet Regulator, R67 Series**