

HIGH PRESSURE 400 psi Maximum Inlet Regulator

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

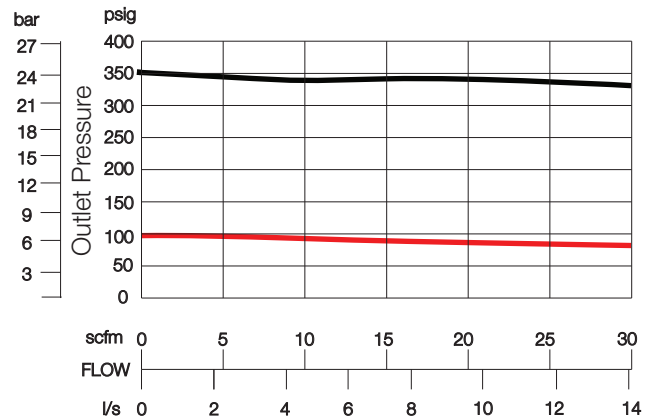


Model Shown: R67-3G1

- ◆ 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).

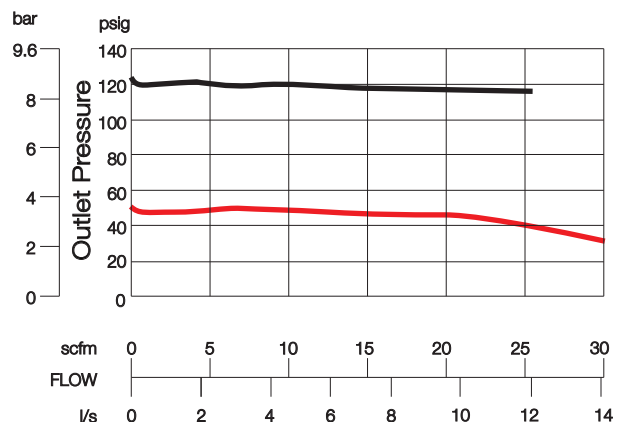
Pressure Gauge: 0 to 200 psig (0 to 14 bar); optional 0 to 600 psig (0 to 41 bar); 1/4-NPTF gauge ports on front and rear of head.

Seals and O-rings: Nitrile; optional Viton.

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

FLOW CHART

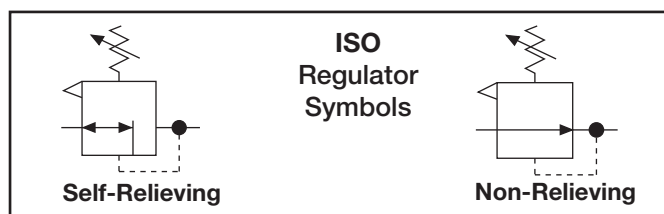
R67-3 Flow Characteristics using a 0-200 psig main spring and a 400 psig inlet



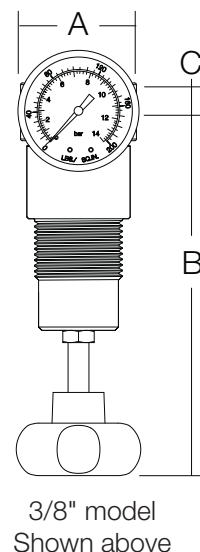
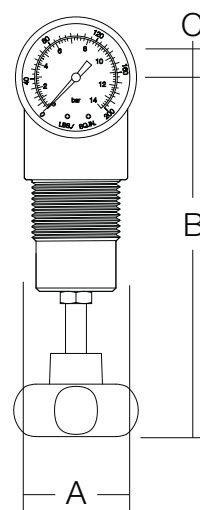
DIMENSIONS inches (mm)

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



3/8" model
Shown above

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

BSPP 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