

Full-Size VANGUARD Modular General Purpose Regulators

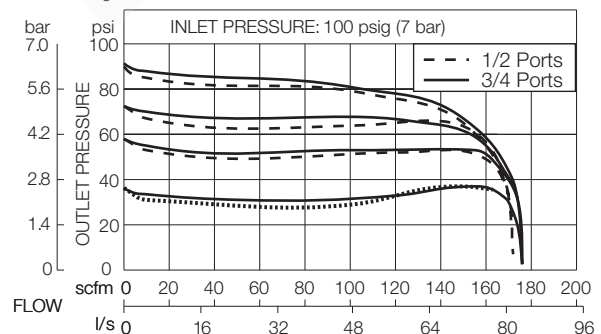
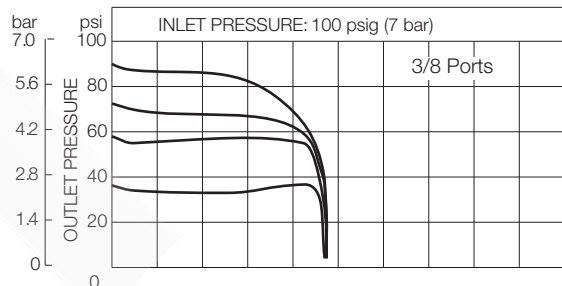
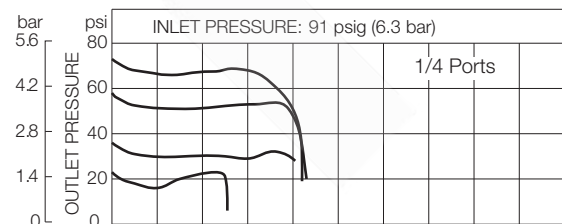
R100 Models Port Sizes: 1/4, 3/8, 1/2, 3/4



Model Shown: R100-6G

- ◆ Modular or inline mounting.
- ◆ Diaphragm-type design.
- ◆ Self-relieving; non-relieving optional.
- ◆ Pressure gauge.
- ◆ Pressure adjustment locking key.
- ◆ NPTF port threads; optional BSPP threads.

FLOW CHARTS



SPECIFICATIONS

Ambient/Media Temperature:

40° to 175°F (4° to 79°C).

Body: Zinc.

Dome:

Nylon; aluminum with optional 0-175 psig spring.

Fluid Media: Compressed air.

Inlet Pressure: 300 psig (21 bar) maximum.

Knob: Acetal.

Outlet Pressure: Adjustable up to 125 psig (8.6 bar).

Pressure Adjustment Locking Key: Removable.

Pressure Gauge: 0 to 200 psig (14 bar); 1/4 NPT gauge ports front and rear.

Panel Mounting: 2-1/16 inch (52 mm) hole required.

Seals: Nitrile.

Valve: Brass.

Valve Cap: Nylon.



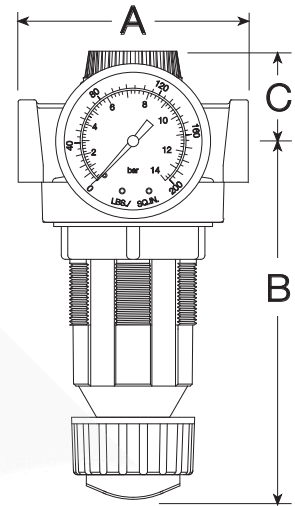
DIMENSIONS inches (mm)

				Weight †
A	B *	C **	Depth †	lb (kg)
3.5 (89)	5.8 (146)	1.3 (33)	2.8 (71)	2.06 (0.92)

* Dome removal clearance: add 0.63 (16).

** Cap removal clearance: add 0.5 (13).

† Less gauge.



ORDERING INFORMATION

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

R100 - 2 Y G W

PORT SIZE

1/4 NPTF.....	2
3/8 NPTF.....	3
1/2 NPTF.....	4
3/4 NPTF.....	6

PORT TYPE

NPTF threads Leave Blank
BSPF threads W

OPTIONS (More than one option can be chosen. Add in alphabetical order)

None Leave Blank
0-200 psig Gauge G
Mounting nut P

OPTIONS (More than one option can be chosen. Add in alphabetical order)

None.....Leave Blank
Non-relieving A
Internal bypass-reverse flow E
Springs: (0-125 psig standard)

For optimum performance operating pressure should fall approximately in the middle of the spring range.

0-175 psig (0-12 bar) H**

0-50 psig (0-3.4 bar) L

0-20 psig (0-1.4 bar)..... L20

Metal Dome MD

Limit maximum psig setting M*

Tee handle..... T

Viton Seals V

* Insert maximum limited pressure.

** H option spring includes metal dome

MOUNTING BRACKETS

See page 320.