

# High-Flow VANGUARD Externally Piloted Regulators

## PR300 Models Port Sizes: 3



Model Shown: PR300-24G

- ◆ Inline mounting.
- ◆ Piston-type design.
- ◆ Self-relieving.
- ◆ Pressure gauge.
- ◆ Optional remote sensing.
- ◆ Aluminum body and dome.
- ◆ Flow rates exceeding 4,000 SCFM
- ◆ **NPTF** port threads; optional **BSPP** threads.

**Note:** Pilot (control) regulators (order separately).

- ◆ General purpose applications order R56M-2, R60-2, R67-2, R100-2, or R380-3
- ◆ Precision applications order IR100-2, R57M-2, IR380-3 or ER valve

### SPECIFICATIONS

**Ambient/Media Temperature:**

40° to 175°F (4° to 79°C).

**Body and Dome:** Aluminum.

**Fluid Media:** Compressed air.

**Inlet Pressure:** 300 psig (21 bar) maximum.

**Outlet Pressure:** 0 to 200 psig (0 to 14 bar).

**NOTE:** Outlet pressure depends on the selection of the control regulator.

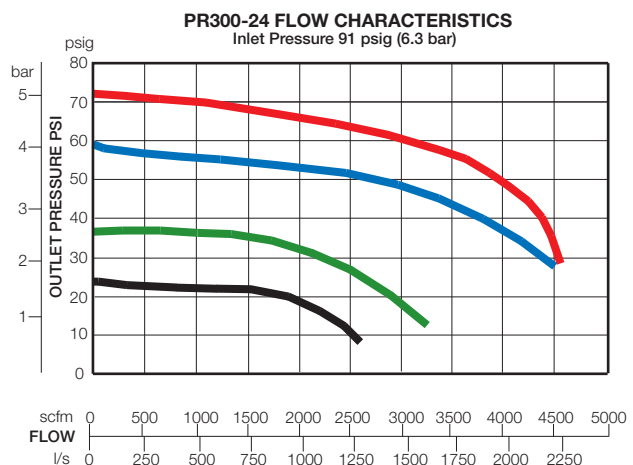
**Pilot Ports:** 1/4 NPTF.

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

**Seals:** Nitrile, Optional Viton

**Valve:** Aluminum.

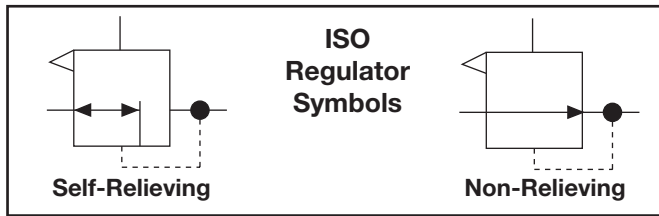
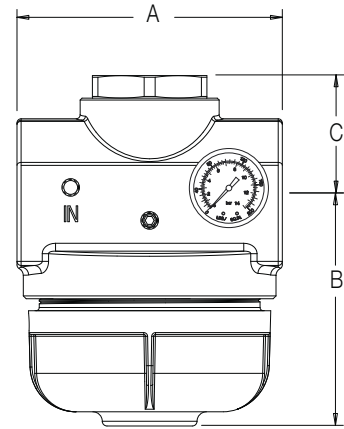
**Valve Cap:** Aluminum.



**DIMENSIONS** inches (mm)

A	B	C	Depth †	Weight † lb (kg)
8.40 (214)	7.36 (187)	3.74 (95)	8.00 (203)	21.7 (9.88)

† Less gauge.



**ORDERING INFORMATION**

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

**NOTE:** Order a control regulator such as R55M, R56M, R57M, R100, R380, IR100, or IR380 separately.

**PR30 0 - 24 A G W**

**REGULATOR TYPE**

- Standard Regulator ..... 0
- Remote Sensing Regulator ..... 1
- Standard Regulator with .....2  
internal Bias spring and gauge  
port plugged.
- Remote Sensing Regulator .....3  
with internal Bias spring and  
gauge port plugged.

**PORT SIZE**

- 3 NPTF ..... 24

**OPTIONS**

- Relieving ..... Leave Blank
- Non-relieving ..... A
- Constant bleed ..... Q
- Viton Seals ..... V  
(Viton option can be chosen with  
either of the A or Q option or  
separately.)

**PORT TYPE**

- NPTF threads ..... Leave Blank
- BSPP threads ..... W

**GAUGE OPTION**

- None ..... Leave Blank
- 0-200 PSI Gauge ..... G