

How To Specify

PGR General Purpose Regulator Specifications

- > PGR 200 port size: 1/4" and 3/8" (ISO G/PTF)
- > PGR 400 port size: 3/8", 1/2", 3/4" (ISO G/PTF)
- > PG series design allows in-line installation or modular installation with other PG series products
- > Push to lock adjusting knob with built in tamper resistant feature
- > Easy to read flush mounted integrated pressure gauge as standard

Technical Features

Medium:

Compressed air only

Maximum supply pressure:

290 psi (20 bar)

Outlet pressure ranges:

4 to 145 psi (0.3 to 10 bar),
4 to 58 psi (0.3 to 4 bar) optional,
10 to 246 psi (0.7 to 17 bar) optional

PGR 200 port size:

G1/4, G3/8, 1/4 PTF, 3/8 PTF

PGR 400 port size:

G3/8, G1/2, G3/4, 3/8 PTF,
1/2 PTF, 3/4 PTF

Gauge:

Integrated as standard
Gauge port 1/8 as option

Diaphragm type:

Relieving

Ambient/Media temperature:

-4 to 149° F (-20 to 65° C)

Air supply must be dry enough to avoid ice formation at temperatures below 35° F (2° C).

Materials:

Body: Die cast aluminium
Body covers: ABS
Bonnet: POM/Aluminium
Valve: PP
Elastomers: NBR



PGR 200 Flow:

69 scfm (33 dm³/s) at port size 1/4",
66 scfm (31 dm³/s) at port size 3/8",
inlet pressure 145 psi (10 bar), 91
psi (6.3 bar) set pressure and a Δp:
14.5 psi (1 bar) droop from set.

PGR 400 Flow:

265 scfm (125 dm³/s) at port size:
1/2", inlet pressure 145 psi (10 bar),
91 psi (6.3 bar) set pressure and a
Δp: 14.5 psi (1 bar) droop from set.

Technical Data PGR200

Symbol	Port Size	Pressure Range (bar)	Adjustment	Integrated Gauge (bar)	Weight lbs (kg)	Model*
	1/4	0.3 - 10	Knob	0 - 10	0.51 (0.23)	PGR200-08K-MG-T
	3/8	0.3 - 10	Knob	0 - 10	0.51 (0.23)	PGR200-10K-MG-T

*All models shown here are supplied with integrated gauge applicable for flow direction left to right.

Technical Data PGR400

Symbol	Port Size	Pressure Range (bar)	Adjustment	Integrated Gauge (bar)	Weight lbs (kg)	Model*
	3/8	0.3 - 10	Knob	0 to 10	1.30 (0.59)	PGR400-10K-MG-T
	1/2	0.3 - 10	Knob	0 to 10	1.30 (0.59)	PGR400-15K-MG-T
	3/4	0.3 - 10	Knob	0 to 10	1.30 (0.59)	PGR400-20K-MG-T

*All models shown here are supplied with integrated gauge applicable for flow direction left to right.