

1" PGV & PGV JAR-TOP



These versatile and robust valves offer simple serviceability.

KEY BENEFITS

- External/internal manual bleed allows for quick and easy activation at the valve
- Double-beaded diaphragm seal design ensures leak-free performance
- Captive bonnet screws eliminate the possibility of lost parts during disassembly
- Triple-tool bonnet screws are compatible with standard or Phillips screwdrivers as well as a nut driver
- Jar-top models provide easy access without tools
- Encapsulated solenoid with captive plunger used on every Hunter valve provides hassle-free service
- Flow control maximises efficiency and prolongs the life of the system

USER-INSTALLED OPTIONS

- Accu Sync™ pressure regulation at the valve*
- DC-latching solenoid for battery-powered controllers (P/N 458200)
- Solenoid conduit cover (P/N 464322)

FACTORY-INSTALLED OPTIONS

- LS: Valve without solenoid
- DC: DC-latching solenoid for battery-powered controllers
- JT: Jar-top models

OPERATING SPECIFICATIONS

- Flow: 0.05 to 9 m³/hr; 0.7 to 150 l/min
- Recommended pressure range: 1.5 to 10 bar; 150 to 1000 kPa
- Temperature rating: 66°C
- Warranty period: 2 years

SOLENOID SPECIFICATIONS

- 24 VAC solenoid
 - 350 mA inrush, 190 mA holding, 60 Hz
 - 370 mA inrush, 210 mA holding, 50 Hz

* Accu Sync product information on [page 94](#)



PGV-100G
Inlet diameter: 1" (25 mm)
Height: 13 cm
Length: 11 cm
Width: 6 cm



PGV-101G
Inlet diameter: 1" (25 mm)
Height: 13 cm
Length: 11 cm
Width: 6 cm



PGV-100JT-G
Inlet diameter: 1" (25 mm)
Height: 14 cm
Length: 11 cm
Width: 8 cm



PGV-101JT-G
Inlet diameter: 1" (25 mm)
Height: 14 cm
Length: 11 cm
Width: 8 cm

Double-Beaded Diaphragm



1" (25 MM) PGV	
Model	Description
PGV-100G-B	1" (25 mm) plastic globe valve, without flow control, female BSP inlet and outlet
PGV-100MMB	1" (25 mm) plastic globe valve, without flow control, male BSP inlet and outlet
PGV-101G-B	1" (25 mm) plastic globe valve, with flow control, female BSP inlet and outlet
PGV-101MMB	1" (25 mm) plastic globe valve, with flow control, male BSP inlet and outlet

PGV JAR-TOP	
Model	Description
PGV-100JT-GB	1" (25 mm) plastic globe valve, jar-top bonnet, without flow control, female BSP inlet and outlet
PGV-101JT-GB	1" (25 mm) plastic globe valve, jar-top bonnet, with flow control, female BSP inlet and outlet
PGV-100JT-MMB	1" (25 mm) plastic globe valve, jar-top bonnet, without flow control, male BSP inlet and outlet
PGV-101JT-MMB	1" (25 mm) plastic globe valve, jar-top bonnet, with flow control, male BSP inlet and outlet

1" (25 MM) PGV VALVE	
Flow m ³ /hr	Pressure Loss bar
0.3	0.08
1.0	0.11
2.5	0.13
3.5	0.16
4.5	0.23
5.5	0.43
6.5	0.62
8.0	1.10
9.0	1.48

1" (25 MM) PGV VALVE	
Flow l/min	Pressure Loss kPa
4	8
20	11
40	13
55	16
75	23
95	43
115	62
135	110
150	148

PGV-100G Installed



Captive Bonnet Bolts

