

PGV

Application: Residential/Light Commercial
Size: 25 mm, 40 mm, 50 mm
Flow Rate: 0.05 to 34 m³/hr; 0.7 to 570 l/min

FEATURES

- Application (PGV100): Residential
- Application (PGV101, 151, 201): Residential/Light commercial
- Sizes: 25 mm, 40 mm, 50 mm
- External and internal manual bleed allows quick and easy “at the valve” activation
- Double-beaded diaphragm seal design for superior leak-free performance
- DC latching solenoids enable Hunter’s battery-powered controllers
- Captive bonnet bolts provide hassle-free valve maintenance
- Low flow capability allows use of Hunter’s micro-irrigation products
- Encapsulated 24 VAC solenoid with captive plunger for hassle-free service
- Temperature rating: 66° C
- Warranty period: 2 years
- ▶ **Flow control**
- ▶ **Reclaimed water ID handle**
- ▶ **Accu-Sync™ capable**



PGV-100G
 Inlet Diameter: 1"
 13 cm H x 11 cm L x 6 cm W

PGV-201
 Inlet Diameter: 2"
 20 cm H x 17 cm L x 13 cm W

OPERATING SPECIFICATIONS

- Flow rate
 - PGV 100: 0.05 to 7 m³/hr 0.7 to 115 l/min
 - PGV 101: 0.05 to 7 m³/hr 0.7 to 115 l/min
 - PGV 151: 5 to 27 m³/hr, 75 to 450 l/min
 - PGV 201: 5 to 34 m³/hr, 75 to 570 l/min
- Recommended pressure range: 1.5 to 10 bar; 150 to 1000 kPa

SOLENOID SPECIFICATION

- 24 VAC solenoid
 - 350 mA inrush, 190 mA holding, 60 Hz (North America)
 - 370 mA inrush, 190 mA holding, 50 Hz (most International locations)

▶ = Advanced Feature descriptions on page 81

PGV PRESSURE LOSS IN BAR

| Flow m ³ /hr | 25 mm globe | 25 mm angle | 40 mm globe | 40 mm angle | 50 mm globe | 50 mm angle |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0.25 | 0.10 | 0.07 | | | | |
| 1.00 | 0.10 | 0.07 | | | | |
| 2.50 | 0.12 | 0.08 | | | | |
| 3.50 | 0.16 | 0.09 | | | | |
| 4.50 | 0.22 | 0.12 | 0.21 | 0.22 | 0.08 | 0.08 |
| 7.00 | 0.44 | 0.22 | 0.22 | 0.21 | 0.08 | 0.08 |
| 9.00 | | | 0.24 | 0.21 | 0.09 | 0.09 |
| 11.00 | | | 0.26 | 0.23 | 0.11 | 0.09 |
| 13.50 | | | 0.31 | 0.26 | 0.14 | 0.10 |
| 18.00 | | | 0.44 | 0.37 | 0.21 | 0.14 |
| 22.50 | | | 0.62 | 0.53 | 0.31 | 0.22 |
| 27.00 | | | 0.84 | 0.75 | 0.44 | 0.33 |
| 30.50 | | | | | 0.56 | 0.45 |
| 34.00 | | | | | 0.70 | 0.59 |

kPa charts located on page 90

PGV - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

| 1 Model | 2 Inlet/Outlet | 3 Options (Factory Installed) | 4 Options (User Installed) |
|---|--|--|--|
| PGV-100G = 25 mm (1" BSP) Globe valve, no flow control PGV-101G = 25 mm (1" BSP) Globe valve, w/ flow control PGV-100A = 25 mm (1" BSP) Angle valve, no flow control PGV-101A = 25 mm (1" BSP) Angle valve, w/ flow control PGV-151 = 40 mm (1½" BSP) Globe/angle valve, w/ flow control PGV-201 = 50 mm (2" BSP) Globe/angle valve, w/ flow control PGV-100 = 1" Globe valve, no flow control PGV-101 = 1" Globe valve, w/ flow control | (blank) = Female NPT S = slip x slip (Excludes PGV-151 and PGV-201) B = Female BSP MM = Male x male (NPT) MMB = Male x male (BSP) | (blank) = No Option DC = DC latching solenoid LS = Valve w/o solenoid | (blank) = No option R = Reclaimed water ID handle (Except for PGV-100) DC = DC latching solenoid CC = Solenoid conduit cover AS-ADJ = Accu-Sync adjustable pressure regulator AS-xx* = Accu-Sync pressure regulator 20* = 1.4 bar, 30* = 2.1 bar, 40* = 2.8 bar, 50* = 3.5 bar, 70* = 4.8 bar |

Examples:

PGV-101G - B - DC = 25 mm Globe valve, with flow control, female BSP threads, and DC latching solenoid

PGV-151 - B - AS-ADJ = 40 mm Globe valve, with flow control, female BSP threads, and Accu-Sync™ adjustable pressure regulator