



- 01 **Hardworking:** Built to last in the elements and work flawlessly for years
- 02 **Versatile:** Available in an array of configurations to fit virtually any system
- 03 **Practical:** Low-flow capabilities allow use with Hunter micro irrigation products

## PGV VALVES

### *Professional-Grade Valves Deliver Top Performance in Any Setting*

Available in an array of configurations, this hardworking, heavy-duty valve offers extreme durability to handle the rigors of residential and light commercial sites. For smaller landscape applications, the PGV is available in two 25 mm body configurations: globe or male x male. Each model is available with or without flow control. For larger landscape applications, the PGV comes in both 40 mm and 50 mm globe/angle models (with flow control). All models feature robust high-grade construction and a rugged diaphragm designed to prevent stress failure.

#### PGV Jar-Top Valves

All it takes is a simple twist of the wrist to unscrew the top of the valve for the fastest service in the industry.



#### Accu Sync® Pressure Regulators

Reliable and efficient Accu Sync Pressure Regulators are compatible with all Hunter valves.



■ **Learn more.** Visit [hunterindustries.com](http://hunterindustries.com) or contact your local sales manager.

# PGV VALVE FEATURES & SPECIFICATIONS

## Features

- Application (PGV-100): Residential
- Application (PGV-101, 151, 201): Residential/light commercial
- Sizes: 1" (25 mm); 1½" (40 mm); 2" (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
- Optional: DC-latching solenoids enable Hunter's battery-powered controllers (P/N 458200)
- Captive bonnet bolts provide hassle-free valve maintenance
- Low-flow capability allows use with Hunter micro irrigation products
- Encapsulated 24 VAC solenoid with captive plunger for hassle-free service (P/N 606800)
- Temperature rating: 66°C
- Warranty period: 2 years

## Operating Specifications

- Flow rate:
  - PGV-100: 0.05 to 9 m<sup>3</sup>/hr, 0.7 to 150 l/min
  - PGV-101: 0.05 to 9 m<sup>3</sup>/hr, 0.7 to 150 l/min
  - PGV-151: 5 to 27 m<sup>3</sup>/hr, 75 to 450 l/min
  - PGV-201: 5 to 34 m<sup>3</sup>/hr, 75 to 570 l/min
- Recommended pressure range: 1.5 to 10 bar; 150 to 1,000 kPa

## Solenoid Specifications

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

## PGV VALVES

Model	Description
PGV-100G -B	1" (25 mm) plastic globe valve
PGV-101G -B	1" (25 mm) plastic globe valve with flow control
PGV-100-MM-B	1" (25 mm) plastic globe valve, no flow control, male thread x barb
PGV-101-MM-B	1" (25 mm) plastic globe valve, with flow control, male thread x barb
PGV-100-JT-G-B	1" (25 mm) plastic globe valve, jar-top bonnet, no flow control
PGV-101-JT-G-B	1" (25 mm) plastic globe valve, jar-top bonnet, with flow control
PGV-100-JT-MM-B	1" (25 mm) plastic globe valve, jar-top bonnet, no flow control, male x male thread
PGV-101-JT-MM-B	1" (25 mm) plastic globe valve, jar-top bonnet, with flow control, male x male thread
PGV-151-B	1½" (40 mm) plastic angle/globe valve with flow
PGV-201-B	2" (50 mm) plastic angle/globe valve with flow

## PGV PRESSURE LOSS IN BAR

Flow m <sup>3</sup> /hr	1" (25 mm) Globe	1½" (40 mm) Globe	1½" (40 mm) Angle	2" (50 mm) Globe	2" (50 mm) Angle
0.3	0.1				
1.0	0.1				
2.5	0.1				
3.5	0.2				
4.5	0.2	0.2	0.2	0.1	0.1
7.0	0.4	0.2	0.2	0.1	0.1
8.0	1.0	0.2	0.2	0.1	0.1
9.0	1.0	0.2	0.2	0.1	0.1
11.0		0.3	0.2	0.1	0.1
13.5		0.3	0.3	0.1	0.1
18.0		0.4	0.4	0.2	0.1
22.5		0.6	0.5	0.3	0.2
27.0		0.8	0.8	0.4	0.3
30.5				0.6	0.5
34.0				0.7	0.6



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Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

*Gene Smith*

Gene Smith, President, Landscape Irrigation and Outdoor Lighting