RESIDENTIAL & COMMERCIAL IRRIGATION
Built on Innovation®

01 | **Hard Working:** Built-to-last in the elements and work flawlessly for years

02 | **Versatile:** The PGV is available in an array of configurations to fit virtually any system

03 | **Practical:** Low flow capabilities allow use of Hunter micro-irrigation products

PGV VALVE

Professional Grade Valves Ready for all System Sizes

This hard working, heavy-duty valve offers the best features of Hunter's top-of-the-line valves. Built with enough durability to handle the rigors of residential and light commercial sites, the PGV is available in an array of configurations. For smaller landscape applications, the PGV is available in four 25 mm body configurations: angle, globe, or male x male design. In turn, each model is available in either a flow control or non-flow control version. For larger landscape applications, the PGV comes in both 40 mm and 50 mm globe/angle models (with flow control). All models feature durable high-grade construction and a rugged diaphragm with support to prevent stress failure.

▍**Learn more.** Visit hunterindustries.com for more detailed information.

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
- 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

Operating Specifications

- Flow rate:
  - PGV-100: 0.05 to 9 m³/hr 0.7 to 150 l/min
  - PGV-101: 0.05 to 9 m³/hr 0.7 to 150 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
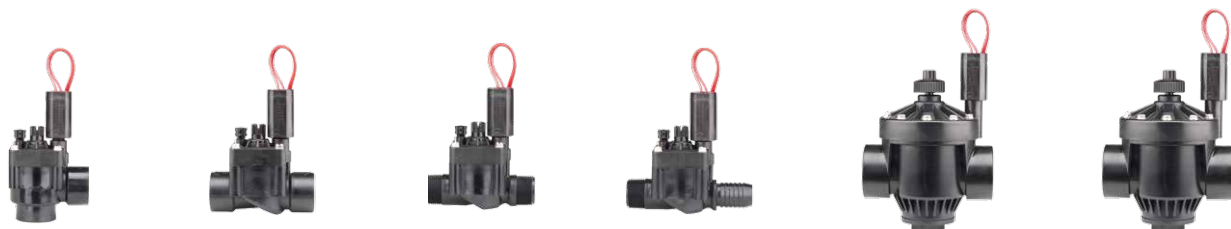
Solenoid Specifications

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

PGV VALVES

Model	Description
PGV-100G	1" (25 mm) plastic globe valve
PGV-101G	1" (25 mm) plastic globe valve with flow control
PGV-100MB	1" (25 mm) plastic globe valve, no flow control, male thread x barb
PGV-101MB	1" (25 mm) plastic globe valve, with flow control, male thread x barb
PGV-100MM	1" (25 mm) plastic globe valve, no flow control, male thread x barb
PGV-101MM	1" (25 mm) plastic globe valve, with flow control, male thread x barb
PGV-100JT-G	1" (25 mm) plastic globe valve, Jar-Top Bonnet, no flow control
PGV-101JT-G	1" (25 mm) plastic globe valve, Jar-Top Bonnet, with flow control
PGV-100JT-S	1" (25 mm) plastic globe valve, Jar-Top Bonnet, no flow control, female slip
PGV-101JT-S	1" (25 mm) plastic globe valve, Jar-Top Bonnet, with flow control, female slip
PGV-100JT-MM	1" (25 mm) plastic globe valve, Jar-Top Bonnet, no flow control, male x male thread
PGV-101JT-MM	1" (25 mm) plastic globe valve, Jar-Top Bonnet, with flow control, male x male thread
PGV-151	1½" (40 mm) plastic angle/globe valve with flow
PGV-201	2" (50 mm) plastic angle/globe valve with flow

PGV PRESSURE LOSS IN BAR

Flow m³/hr	1" Globe	1½" Globe	1½" Angle	2" Globe	2" 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

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.

Gregory R. Hunter, President of Hunter Industries