



- 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 Systems of all 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 most residential and light commercial sites, the PGV is available in an array of configurations. For smaller landscape applications, the PGV is available in several 1" body configurations including angle, globe with female and male threads, male x barb, anti-siphon, and slip for direct glue installations. In turn, each model is available in either a flow control or non-flow control version. For larger projects, the PGV comes in both 1½" and 2" globe/angle models with flow control. All models feature durable high-grade construction and a rugged diaphragm with support to prevent stress failure.

# PGV VALVE FEATURES & SPECIFICATIONS

## Features

- Application (PGV100): Residential
- Application (PGV101, 151, 201): Residential/light commercial
- Sizes: 1", 1½", 2"
- 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: 150° F
- Warranty period: 2 years

## Operating Specifications

- Flow rate
  - PGV 100: 0.2 to 30 GPM
  - PGV 101: 0.2 to 30 GPM
  - PGV 151: 20 to 120 GPM
  - PGV 201: 20 to 150 GPM
- Recommended pressure range: 20 to 150 PSI

## Solenoid Specifications

- 24 VAC solenoid
  - 350 mA inrush, 190 mA holding, 60 Hz (North America)
  - 370 mA inrush, 210 mA holding, 50 Hz (most international locations)

## PGV VALVES

Model	Description
PGV-100-G	1" plastic globe valve, female thread
PGV-100-GS	1" plastic globe valve, slip x slip
PGV-101-G	1" plastic globe valve with flow control, female thread
PGV-101-GS	1" plastic globe valve with flow control, slip x slip
PGV-100-A	1" plastic angle valve
PGV-101-A	1" plastic angle valve with flow control
PGV-100-MB	1" plastic globe valve, male thread x 1" barb
PGV-100-MB125	1" plastic globe valve, male thread x 1¼" barb
PGV-101-MB	1" plastic globe valve, with flow control, male thread x 1" barb
PGV-101-MB125	1" plastic globe valve, with flow control, male thread x 1¼" barb
PGV-100-MM	1" plastic globe valve, male x male thread
PGV-101-MM	1" plastic globe valve, with flow control, male x male thread
PGV-151	1½" plastic angle/globe valve with flow control
PGV-201	2" plastic angle/globe valve with flow control

## PGV PRESSURE LOSS IN PSI

Flow (GPM)	1" globe	1" angle	1½" globe	1½" angle	2" globe	2" angle
1	1.1	1				
5	1.9	1				
10	1.9	1				
15	1.6	1				
20	3.3	2	3.0	3.0	1	1
30	6.1	3	3.0	3.0	1	2
40			3.0	3.0	2	2
50			4.0	3.5	1	1
60			5.0	4.0	2	2
80			5.5	4.5	3	2
100			9.0	8.0	5	3
120			11.5	10.5	6	5
135					8	7
150					10	9



Website [hunterindustries.com](http://hunterindustries.com) | Customer Support 1-800-383-4747 | Technical Service 1-800-733-2823

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 Hunter*  
 Gregory Hunter, President of Hunter Industries

