



- 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 for compatibility with Hunter micro irrigation products



All Hunter valves are 100% water-tested to ensure reliable operation once installed.

## PGV 1" VALVE

### *Professional-Grade Valves for Common Landscape Applications*

When the job calls for a hardworking, dynamic valve that performs flawlessly every day, the 1" PGV Valve is the answer. Built to handle the rigors of most residential and light commercial sites, the highly durable PGV is available in an array of configurations. For smaller landscape applications, the PGV is available in four 1" designs: globe, angle, male x male, or male x barb. Each model is available with optional built-in flow control.

#### 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.



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

# PGV 1" VALVE KEY BENEFITS & SPECIFICATIONS

## 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 maximizes efficiency and prolongs the life of the system

## User-Installed Options

- Accu Sync® Pressure Regulators to maximize water savings
- DC-latching solenoid for battery-powered controllers

## Operating Specifications

- Flow: 0.2 to 40 GPM
- Recommended pressure range: 20 to 150 PSI
- Temperature rating: 150°F
- 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

### PGV PRESSURE LOSS IN PSI

GPM	Globe	Angle	Male x Male	Male x Barb
1	3	1	2	2
5	4	1	2	2
10	4	1	2	2
15	5	1	3	3
20	5	2	4	4
25	6	2	7	6
30	8	3	10	10
40	14	5	18	16

## Models



**PGV-100G**  
Inlet Diameter: 1"  
5 1/2" H x 4 1/2" L x 2 1/2" W



**PGV-101G**  
Inlet Diameter: 1"  
5 1/2" H x 4 1/2" L x 2 1/2" W



**PGV-100JT - G**  
Inlet Diameter: 1"  
5 1/2" H x 4 1/2" L x 3 1/4" W



**PGV-101JT - G**  
Inlet Diameter: 1"  
5 1/2" H x 4 1/2" L x 3 1/4" W

### PGV 1" VALVES

Model	Description
PGV-100G PGV-100JT-G	1" plastic globe valve, female thread
PGV-100G-S PGV-100JT-G-S	1" plastic globe valve, slip x slip
PGV-101G PGV-101JT-G	1" plastic globe valve with flow control, female thread
PGV-101G-S PGV-101JT-G-S	1" plastic globe valve with flow control, slip x slip
PGV-100A	1" plastic angle valve
PGV-101A	1" plastic angle valve with flow control
PGV-100-MB PGV-100JT-MB	1" plastic globe valve, male thread x 1" barb
PGV-100-MB-125 PGV-100JT-MB-125	1" plastic globe valve, male thread x 1 1/4" barb
PGV-101-MB PGV-101JT-MB	1" plastic globe valve, with flow control, male thread x 1" barb
PGV-101-MB-125 PGV-101JT-MB-125	1" plastic globe valve, with flow control, male thread x 1 1/4" barb
PGV-100-MM PGV-100JT-MM	1" plastic globe valve, male x male thread
PGV-101-MM PGV-101JT-MM	1" plastic globe valve, with flow control, male x male thread

**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.