



- 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.



HAJI SONS INTERNATIONAL

IRRIGATION LANDSCAPING SOLAR SYSTEM LASER LAND LEVELER SEEDS

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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" H x 4½" L x 2½" W



PGV-101G
Inlet Diameter: 1"
5" H x 4½" L x 2½" W



PGV-100JT - G
Inlet Diameter: 1"
5½" H x 4½" L x 3¼" W



PGV-101JT - G
Inlet Diameter: 1"
5½" H x 4½" L x 3¼" 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 1¼" 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 1¼" 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 | **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.



1½" & 2" PGV

These reliable valves provide long-lasting performance for larger systems.

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
- Each valve available with globe or angle configuration for convenient placement
- 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 regulation at the valve*
- DC-latching solenoid for battery-powered controllers (P/N 458200)
- Solenoid conduit cover (P/N 464322)
- Reclaimed flow control handle (P/N 607105)

FACTORY-INSTALLED OPTIONS

- LS: Valve without solenoid
- DC: DC-latching solenoid for battery-powered controllers

OPERATING SPECIFICATIONS

- Flow:
 - PGV-151: 20 to 120 GPM
 - PGV-201: 20 to 150 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

* Accu Sync product information on **page 83**

PGV 1½" & 2"	
Model	Description
PGV-151	1½" globe/angle valve with flow control
PGV-151-DC	1½" globe/angle valve with DC-latching solenoid
PGV-151-LS	1½" globe/angle valve less solenoid
PGV-201	2" globe/angle valve with flow control
PGV-201-DC	2" globe/angle valve with DC-latching solenoid
PGV-201-LS	2" globe/angle valve less solenoid



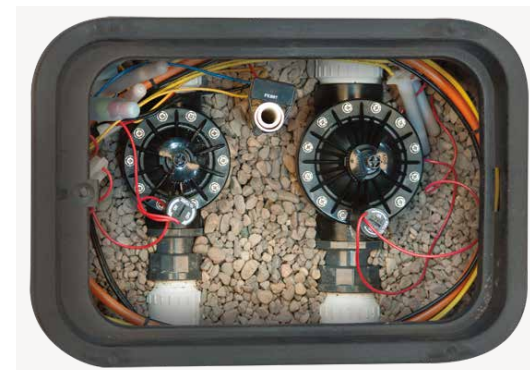
PGV-151
Inlet diameter: 1½"
Height: 7½"
Length: 5¾"
Width: 4½"



PGV-201
Inlet diameter: 2"
Height: 8"
Length: 6¾"
Width: 5¼"

VALVES

PGV Installed



PGV PRESSURE LOSS IN PSI

Flow GPM	1½" Globe	1½" Angle	2" Globe	2" Angle
20	3	3	1	1
30	3	3	1	2
35	3	3	2	2
40	3	3	2	2
50	4	3.5	1	1
60	5	4	2	2
80	5.5	4.5	3	2
100	9	8	5	3
120	11.5	10.5	6	5
135			8	7
150			10	9