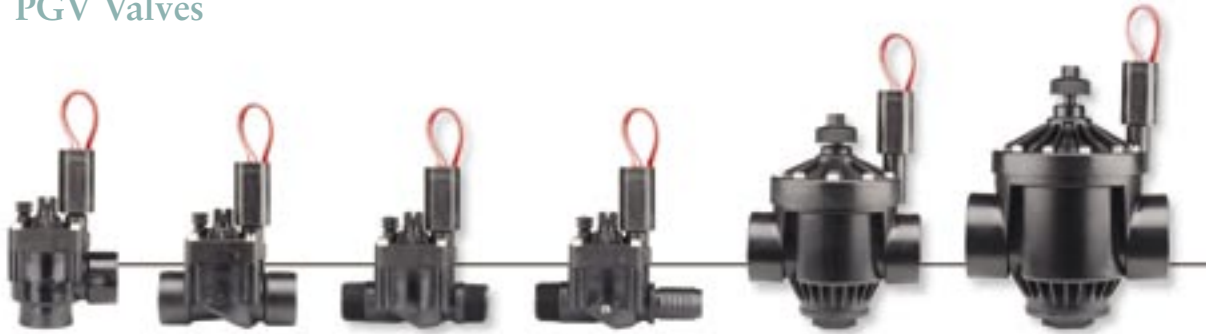


Hunter®

PGV Valves

PGV

*Professional-Grade Valves
Designed to Handle All
Landscape Needs*



Hunter quality is now available in a middle-of-the-road valve. A hard working, heavy-duty performer, PGV offers you the best features of our top-of-the-line valves... more than enough to handle the rigors of whatever your site has to offer. For smaller landscape applications, the PGV is available in four 1" models, in either an angle, globe, male x male or male x barb design. In turn, each of those designs

is available as either flow control or non-flow control versions. For larger landscape applications, the PGV comes in both 1½" and 2" globe/angle models (with flow control). All models feature durable high-grade PVC construction and a rugged diaphragm with a support to prevent stress failure. In addition, the PGV is pressure rated to withstand up to 150 PSI and will provide the absolute minimum of pressure loss.

FEATURES & BENEFITS



Heavy-duty Hunter solenoid

Provides dependable operation and long life

High grade construction

Made of durable PVC and stainless steel to resist wear

Internal manual bleed

Easy to use and keeps valve box dry

Flow control

Adjust the flow of each zone on a system

Rigid diaphragm support

Works to prevent stress failure in tough conditions

Globe and angle configurations

Easy to use in any application

Captive bonnet bolts and solenoid plunger

No lost parts during servicing

Accu-Set™ pressure regulator compatible

Dial setting pressure regulation for precise system control



Models

- PGV-100G – 1" plastic globe valve
- PGV-101G – 1" plastic globe valve with flow control
- PGV-100A – 1" plastic angle valve
- PGV-101A – 1" plastic angle valve with flow control
- PGV-100MB – 1" plastic globe valve, no flow control, male thread x barb
- PGV-101MB – 1" plastic globe valve, with flow control, male thread x barb
- PGV-100MM – 1" plastic globe valve, no flow control, male x male thread
- PGV-101MM – 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

Dimensions

- 1" Globe and Male x Male: 5" H x 4½" L x 2½" W
- 1" Male x Barb: 5" H x 5½" L x 2½" W
- 1" Angle: 5½" H x 3½" L x 2¾" W
- 1½" Globe/Angle: 7½" H x 5¾" L x 4½" W
- 2" Globe/Angle: 8" H x 6¾" L x 5¼" W
- Female inlet/outlet: 1", 1½", 2" NPT, BSP, or Slip

Operating Specifications

- Flow: 1 to 120 GPM (0.23 to 6.8 m³/hr; 3.8 to 114 l/min)
- Pressure: 20 to 150 PSI (1.4 to 10.3 bars; 138 to 1034 kPa)
- Heavy-duty solenoid: 24VAC, 50/60 cycles, 400mA inrush current, 270mA holding current

A Valve for Those with a Different Slant on Installations

If your system's main line is deeper than its lateral line, Hunter has a valve created exclusively for your needs. The angle version of the PGV offers all the great features that you've come to expect in a Hunter valve, plus a design equipped to handle the special configurations of your installations. While many would consider the use of such a product to be somewhat non-traditional, the PGV angle actually boasts a flow characteristic that provides less friction loss than you'll find in a globe version valve in a more "traditional" system layout. Thus, the PGV angle can be an ideal choice for irrigation systems that have to operate off of low water pressure.



PGV Pressure Loss in PSI

GPM	1" Globe	1" Angle	1½" Globe	1½" Angle	2" Globe	2" Angle
1	1.1	1.0	<1.0	<1.0	<1.0	<1.0
5	1.9	1.0	<1.0	<1.0	<1.0	<1.0
10	1.9	1.0	<1.0	<1.0	<1.0	<1.0
15	1.6	1.0	<1.0	<1.0	<1.0	<1.0
20	3.3	2.0	3.0	3.0	1.0	1.0
30	6.1	3.0	3.0	3.0	1.0	2.0
40			3.0	3.0	2.0	2.0
50			4.0	3.5	1.0	1.0
60			5.0	4.0	2.0	2.0
80			5.5	4.5	3.0	2.0
100			9.0	8.0	5.0	3.0
120			11.5	10.5	6.0	5.0
135					8.0	7.0
150					10.0	9.0

Charts based on full-open flow control position.



SPECIFICATION GUIDE

EXAMPLE: **PGV - 100G - B - AS**

MODEL PGV

FEATURES

- 100G** = 1" Globe Valve, no Flow Control
- 101G** = 1" Globe Valve, with Flow Control
- 100MB** = 1" Globe Valve, no Flow Control, Male Thread x Barb
- 101MB** = 1" Globe Valve, with Flow Control, Male Thread x Barb
- 100MM** = 1" Globe Valve, no Flow Control, Male x Male
- 101MM** = 1" Globe Valve, with Flow Control, Male x Male
- 100JT** = 1" Globe Valve, Jar-Top Bonnet, no Flow Control
- 101JT** = 1" Globe Valve, Jar-Top Bonnet, with Flow Control
- 100JT-MM** = 1" Globe Valve, Jar-Top Bonnet, no Flow Control
- 101JT-MM** = 1" Globe Valve, Jar-Top Bonnet, with Flow Control, Male x Male Thread
- 151** = 1½" Globe/Angle Valve, with Flow Control
- 201** = 2" Globe/Angle Valve, with Flow Control

OPTIONS FACTORY INSTALLED

- S** = Slip x Slip (1" Models Only)
- B** = BSP Threads
- DC** = DC Latching Solenoid

OPTIONS USER INSTALLED

- AS** = Accu-Set™ Pressure Regulator (1½" and 2" Models Only)
- R** = Reclaimed Water Identification Handle or Tag
- CC** = Conduit Cover