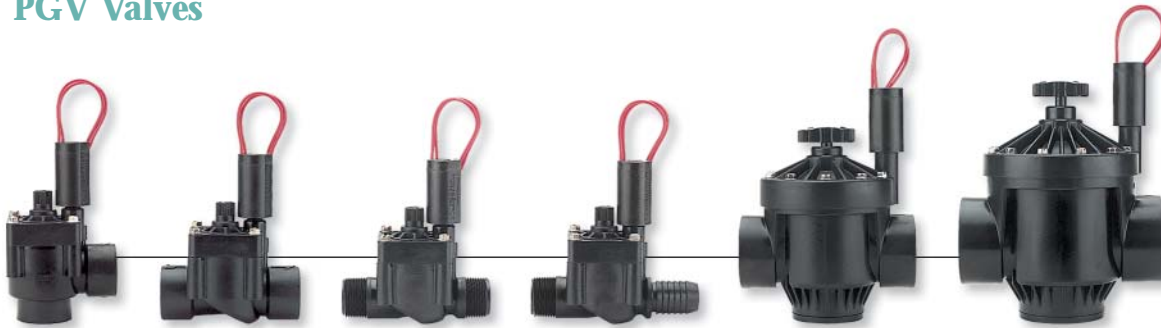


# Hunter®

## PGV Valves

### PGV

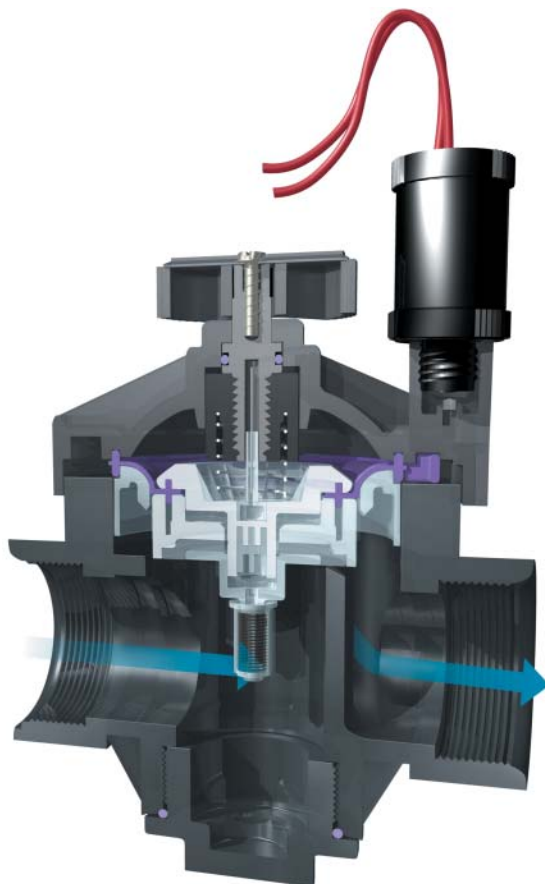
*Professional-Grade Valves  
Designed to  
Handle All  
Landscape  
Needs*



**H**unter 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 m<sup>3</sup>/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.*



Pressure Loss in PSI		
GPM	1" Valve	
	Globe	Angle
1	1.1	1
5	1.9	1
10	1.9	1
15	1.6	1
20	3.3	2
30	6.1	3

Pressure Loss in PSI				
GPM	1½"		2"	
	Globe	Angle	Globe	Angle
20	3	3	1	1
30	3	3	1	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			5	3
120			6	5



## SPECIFICATION GUIDE

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

MODEL	FEATURES	OPTIONS FACTORY INSTALLED	OPTIONS USER INSTALLED
PGV	100G = 1" Globe Valve, no Flow Control 101G = 1" Globe Valve, with Flow Control 100A = 1" Angle Valve, no Flow Control 101A = 1" Angle Valve, with Flow Control 100MB = 1" Globe Valve, no 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 151 = 1½" Globe/Angle Valve, with Flow Control 201 = 2" Globe/Angle Valve, with Flow Control	S = Slip x Slip (1" Models Only) B = BSP Threads DC = DC Latching Solenoid	AS = Accu-Set™ Pressure Regulator (1½" and 2" Models Only) R = Reclaimed Water Identification Handle or Tag CC = Conduit Cover