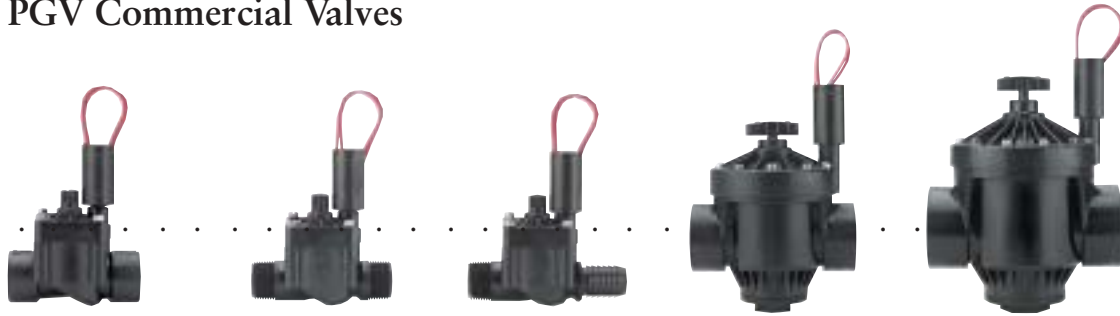


Hunter®

PGV Commercial Valves



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 three 1" models, in either a 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 1 1/2" 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 1,034 kPa (150 psi) and will provide the absolute minimum of pressure loss.

PGV

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

FEATURES & BENEFITS



- **Heavy-duty Hunter solenoid**
Provides dependable operation and long life
- **High grade construction, 1,034 kPa (150 psi rating)**
Made of durable materials and stainless steel to resist wear
- **Internal manual bleed**
Easy to use and keeps valve box dry
- **Flow control with non-rising handle**
Adjusts 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-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 – 1 1/2" plastic globe/angle with flow control
- PGV-201 – 2" plastic globe/angle valve with flow control

Dimensions

- 1" globe: 13 cm H x 11 cm L x 6 cm W
- 1" Male x Barb: 13cm H x 14cm L x 6cm W
- 1 1/2" globe/angle: 19.1 cm H x 14.6 cm L x 10.8 cm W
- 2" globe/angle: 20.3 cm H x 17.1 cm L x 13.3 cm W

Operating Specifications

- Flow: 0.23 to 27.2 m³/hr; 3.8 to 454 l/min, (1 to 120 gpm)
- Pressure: 1.4 to 10.3 bars; 138 to 1034 kPa (20 to 150 psi)
- Heavy-duty standard solenoid: 24VAC at 50 cycles, 475mA (11.4VA) inrush current, 230mA (5.5VA) holding current at 60 cycles, 370mA (8.9VA) inrush current, 190mA (4.5VA) holding current

Pressure Loss in Bars		Pressure Loss in kPa	
m ³ /hr.	1" Globe	l/min.	1" Globe
0.23	0.08	3.8	7.58
1.14	0.13	18.9	13.10
2.27	0.13	37.9	13.10
3.41	0.11	56.8	11.03
4.54	0.23	75.7	22.75
6.81	0.42	113.5	42.06

Pressure Loss in Bars				Pressure Loss in kPa					
m ³ /hr.	1 1/2" Globe	1 1/2" Angle	2" Globe	2" Angle	l/min.	1 1/2" Globe	1 1/2" Angle	2" Globe	2" Angle
4.54	0.21	0.21	0.07	0.07	75.7	20.7	20.7	6.9	6.9
6.81	0.21	0.21	0.07	0.14	113.6	20.7	20.7	6.9	13.8
9.08	0.21	0.21	0.14	0.14	151.4	20.7	20.7	13.8	13.8
11.36	0.28	0.24	0.07	0.07	189.3	27.6	24.1	6.9	6.9
13.63	0.34	0.28	0.14	0.14	227.1	34.5	27.6	13.8	13.8
18.17	0.38	0.31	0.21	0.14	302.8	37.9	31.0	20.7	13.8
22.71		0.34	0.21		378.5		34.5	20.7	
27.25		0.41	0.34		454.2		41.4	34.5	



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.



PRODUCT EXPLANATION

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

- PGV-100G** = 1", Globe Valve, no flow control
- PGV-101G** = 1", Globe Valve, with flow control
- PGV-100MB** = 1", Globe Valve, no flow control, male thread x barb
- PGV-101MB** = 1", Globe Valve, with flow control, male thread x barb
- PGV-100MM** = 1", Globe Valve, no flow control, male x male
- PGV-101MM** = 1", Globe Valve, with flow control, male x male
- PGV-151** = 1 1/2", Globe/Angle, with flow control
- PGV-201** = 2", Globe/Angle, with flow control

- OPTIONS**
- S** = slip x slip (1" models only)
 - B** = BSP Threads
 - DC** = factory installed DC latching solenoid

- OPTIONS USER INSTALLED**
- AS** = Accu-Set™ pressure regulator (1 1/2" and 2" models only)
 - R** = Reclaimed water identification handle or tag

Available from:

