

**PGV**
**APPLICATION**  
**Residential/Light Commercial**
**SIZE**  
**1", 1½", 2"**
**FLOW RATE**  
**0.2 to 150 GPM**

## THESE PROFESSIONAL GRADE VALVES ARE READY FOR ALL SYSTEM SIZES.

### FEATURES

- Application (PGV100): Residential
- Application (PGV101, 151, 201): Residential/light commercial
- Sizes: 1", 1½", 2"
- External and internal manual bleed allows quick and easy "at the valve" activation
- Durable bolted bonnet design for maximum strength
- Double-beaded diaphragm seal design for superior leak-free performance

### ADVANCED FEATURES

- Flow control (PGV101, 151, and 201 only)
- Accu-Sync™ capable
- = Detailed descriptions on pages 52 and 53

### OPERATING SPECIFICATIONS (PGV100, 101)

Flow rate: 0.2 to 30 GPM

Recommended pressure range: 20 to 150 PSI

### OPERATING SPECIFICATIONS (PGV151, 201)

Flow rate: 1½": 20 to 120 GPM;

2": 20 to 150 GPM

Recommended pressure range: 20 to 150 PSI

### FACTORY INSTALLED OPTIONS

Valve without solenoid

DC latching solenoid

### USER INSTALLED OPTIONS

Solenoid conduit cover (P/N 464322)

DC latching solenoid (P/N 458200)

Accu-Sync pressure regulator

Reclaimed water ID for PGV-101 models

(P/N 269205) and PGV-151/201 models

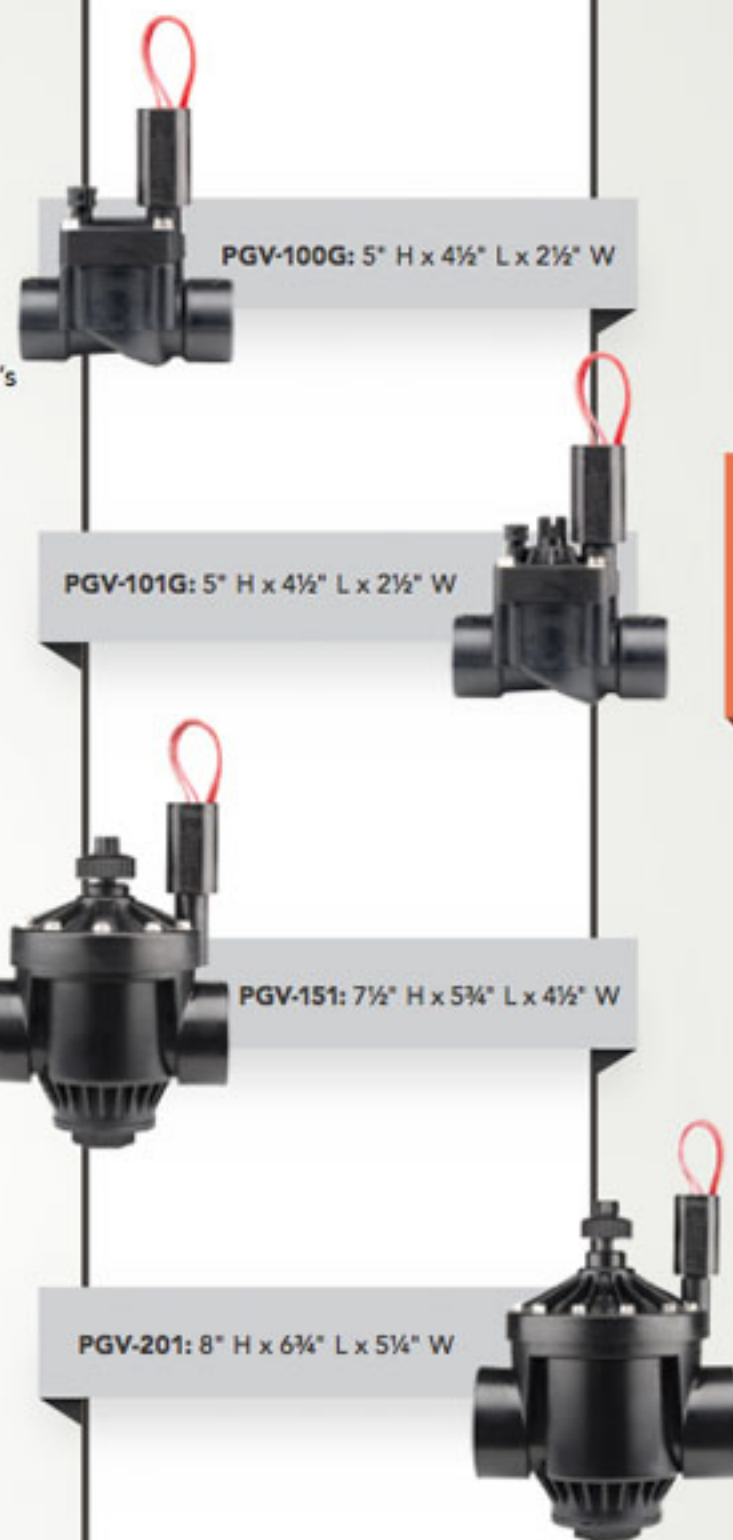
(P/N 607105)

- DC latching solenoids enable Hunter's battery-powered controllers
- Captive bonnet bolts provide hassle-free valve maintenance
- Low flow capability allows use of Hunter's micro-irrigation products
- Encapsulated 24 VAC solenoid with captive plunger for hassle-free service
- Temperature rating: 150° F
- Warranty period: 2 years

- Reclaimed water ID handle (PGV101, 151, and 201 only)

### PGV Pressure Loss in PSI

| GPM | 1" Globe Angle |    | 1½" Globe Angle |      | 2" Globe Angle |    |
|-----|----------------|----|-----------------|------|----------------|----|
|     | 1"             | 1" | 1½"             | 1½"  | 2"             | 2" |
| 1   | 1.1            | 1  |                 |      |                |    |
| 5   | 1.9            | 1  |                 |      |                |    |
| 10  | 1.9            | 1  |                 |      |                |    |
| 15  | 1.6            | 1  |                 |      |                |    |
| 20  | 3.3            | 2  | 3               | 3    | 1              | 1  |
| 30  | 6.1            | 3  | 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 |                |    | 9               | 8    | 5              | 3  |
| 120 |                |    | 11.5            | 10.5 | 6              | 5  |
| 135 |                |    |                 |      | 8              | 7  |
| 150 |                |    |                 |      | 10             | 9  |



VALVES

## SPECIFICATIONBUILDER

[www.hunterindustries.com/PGV](http://www.hunterindustries.com/PGV)

| MODELS   | INLET/OUTLET  | OPTIONS   | OPTIONS  |
|--|---|---|--|
|  |   | FACTORY INSTALLED   | USER INSTALLED   |
| PGV-100G = 1" Globe valve, no flow control         | (blank) = Female NPT<br>S = Slip x slip (excludes PGV-151 and PGV-201)<br>B = BSP threads | (blank) = No option<br>DC = DC latching solenoid<br>LS = Valve without solenoid | (blank) = No options                                     |
| PGV-101G = 1" Globe valve, with flow control       |   |   | R = Reclaimed water ID handle (except PGV-100G)          |
| PGV-100A = 1" Angle valve, no flow control         |   |   | CC = Solenoid conduit cover<br>DC = DC latching solenoid |
| PGV-101A = 1" Angle valve, with flow control       |   |   | AS-ADJ = Accu-Sync adjustable pressure regulator         |
| PGV-151 = 1½" Globe/angle valve, with flow control | MB = Male thread x 1" barb<br>MB125 = Male thread x 1¼" barb<br>MM = Male x male (NPT)    | (blank) = No option<br>DC = DC latching solenoid<br>LS = Valve without solenoid | AS-20 = Accu-Sync 20 PSI pressure regulator              |
| PGV-201 = 2" Globe/angle valve, with flow control  |   |   | AS-30 = Accu-Sync 30 PSI pressure regulator              |
| PGV-100 = 1" Globe valve, no flow control          |   |   | AS-40 = Accu-Sync 40 PSI pressure regulator              |
| PGV-101 = 1" Globe valve, with flow control        |   |   | AS-50 = Accu-Sync 50 PSI pressure regulator              |
|  |   |   | AS-70 = Accu-Sync 70 PSI pressure regulator              |
|  |   |   |  |

### EXAMPLES

|                          |   |
|--------------------------|---|
| <b>PGV-101G - S - DC</b> | 1" Globe valve, with flow control, slip x slip, and DC latching solenoid                      |
| <b>PGV-100 - MB - AS</b> | 1" Globe valve, no flow control, male thread x 1" barb, and Accu-Sync™ pressure regulator     |
| <b>PGV-151 - DC - R</b>  | 1½" Globe/angle valve, with flow control, DC latching solenoid, and reclaimed water ID handle |