



# 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
- Flow control maximises efficiency and prolongs the life of the system
- 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

## 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: 5 to 27 m³/hr; 75 to 450 l/min
  - PGV-201: 5 to 34 m³/hr; 75 to 570 l/min
- Recommended pressure range: 1.5 to 10 bar; 150 to 1000 kPa
- Temperature rating: 66°C
- Warranty period: 2 years

\* Accu Sync product information on **page 94**

## SOLENOID SPECIFICATIONS

- 24 VAC solenoid
  - 350 mA inrush, 190 mA holding, 60 Hz
  - 370 mA inrush, 210 mA holding, 50 Hz

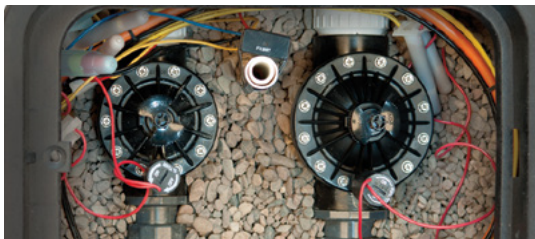


**PGV-151**  
Inlet diameter: 1½" (40 mm)  
Height: 19 cm  
Length: 15 cm  
Width: 11 cm

**PGV-201**  
Inlet diameter: 2" (50 mm)  
Height: 20 cm  
Length: 17 cm  
Width: 13 cm

VALVES

PGV Installed



### PGV 1½" (40 MM) & 2" (50 MM)

| Model        | Description                                       |
|--------------|---------------------------------------------------|
| PGV-151-B    | 40 mm globe/angle valve with flow control         |
| PGV-151-B-DC | 40 mm globe/angle valve with DC-latching solenoid |
| PGV-151-B-LS | 40 mm globe/angle valve less solenoid             |
| PGV-201-B    | 50 mm globe/angle valve with flow control         |
| PGV-201-B-DC | 50 mm globe/angle valve with DC-latching solenoid |
| PGV-201-B-LS | 50 mm globe/angle valve less solenoid             |

| PGV PRESSURE LOSS IN BAR |                   |                   |                  |                  |
|--------------------------|-------------------|-------------------|------------------|------------------|
| Flow m³/hr               | 1½" (40 mm) Globe | 1½" (40 mm) Angle | 2" (50 mm) Globe | 2" (50 mm) Angle |
| 4.5                      | 0.2               | 0.2               | 0.1              | 0.1              |
| 5.5                      | 0.2               | 0.2               | 0.1              | 0.1              |
| 6.5                      | 0.2               | 0.2               | 0.1              | 0.1              |
| 8.0                      | 0.2               | 0.2               | 0.1              | 0.1              |
| 9.0                      | 0.2               | 0.2               | 0.1              | 0.1              |
| 11.0                     | 0.3               | 0.2               | 0.1              | 0.1              |
| 13.5                     | 0.3               | 0.3               | 0.1              | 0.1              |
| 18.0                     | 0.4               | 0.4               | 0.2              | 0.1              |
| 22.5                     | 0.6               | 0.5               | 0.3              | 0.2              |
| 27.0                     | 0.8               | 0.8               | 0.4              | 0.3              |
| 30.5                     |                   |                   | 0.6              | 0.5              |
| 34.0                     |                   |                   | 0.7              | 0.6              |

| PGV PRESSURE LOSS IN kPa |                   |                   |                  |                  |
|--------------------------|-------------------|-------------------|------------------|------------------|
| Flow l/min               | 1½" (40 mm) Globe | 1½" (40 mm) Angle | 2" (50 mm) Globe | 2" (50 mm) Angle |
| 75                       | 20                | 22                | 4                | 9                |
| 95                       | 20                | 21                | 5.5              | 9                |
| 115                      | 21                | 21                | 7.5              | 9.5              |
| 135                      | 22                | 21                | 9                | 10               |
| 150                      | 25                | 23                | 12               | 11               |
| 200                      | 27                | 24                | 14               | 12               |
| 325                      | 47                | 41                | 26               | 19               |
| 400                      | 65                | 59                | 33               | 24               |
| 500                      | 96                | 92                | 43               | 32               |
| 625                      |                   |                   | 56               | 45               |
| 775                      |                   |                   | 74               | 64               |