



# 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 m<sup>3</sup>/hr; 75 to 450 l/min
  - PGV-201: 5 to 34 m<sup>3</sup>/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

### SOLENOID SPECIFICATIONS

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

\* Accu Sync product information on page 94



**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 m <sup>3</sup> /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