

# PGV

Inlet: **1½" (40 mm), 2" (50 mm)**  
 Flow: **5 to 34 m³/hr; 75 to 570 l/min**

## FEATURES

- Sizes: 1½" (40 mm), 2" (50 mm)
- External and internal manual bleed allows quick and easy "at the valve" activation
- Double-beaded diaphragm seal design assures leak-free performance
- Optional: DC latching solenoids enable Hunter's battery-powered controllers
- Captive bonnet bolts provide hassle-free valve maintenance
- Encapsulated 24 VAC solenoid with captive plunger for hassle-free service
- Temperature rating: 66° C
- Warranty period: 2 years
- ▶ Flow control
- ▶ Accu Sync® pressure regulation
- ▶ Optional reclaimed water ID handle



### 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

## 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

## SOLENOID SPECIFICATIONS

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

## 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 (P/N 607105)

▶ = *Advanced Feature descriptions on page 88*

### PGV Installed



**PGV 1.5" & 2" - SPECIFICATION BUILDER:** ORDER 1 + 2 + 3 + 4

1 Model	2 Inlet/Outlet	3 Options (Factory Installed)	4 Options (User Installed)
<p><b>PGV-151</b> = 1½" (40 mm) Globe/angle valve, with flow control</p> <p><b>PGV-201</b> = 2" (50 mm) Globe/angle valve, with flow control</p>	<p><b>(blank)</b> = NPT threads</p> <p><b>B</b> = BSP threads</p>	<p><b>(blank)</b> = No Option</p> <p><b>DC</b> = DC latching solenoid</p> <p><b>LS</b> = Valve w/o solenoid</p>	<p><b>(blank)</b> = No option</p> <p><b>R</b> = Reclaimed water ID handle</p> <p><b>CC</b> = Solenoid conduit cover</p> <p><b>DC</b> = DC latching solenoid</p> <p><b>AS-ADJ</b> = Accu Sync® adjustable pressure regulator</p> <p><b>AS-xx*</b> = Accu Sync pressure regulator</p> <p><b>20*</b> = 1.4 bar, <b>30*</b> = 2.1 bar</p> <p><b>40*</b> = 2.8 bar, <b>50*</b> = 3.5 bar</p> <p><b>70*</b> = 4.8 bar</p>

**Examples:**

**PGV-151 - B - AS-ADJ** = 1½" (40 mm) Globe valve, with flow control, BSP threads, and Accu Sync adjustable pressure regulator

PGV PRESSURE LOSS IN BAR				
Flow m³/hr	1½" Globe	1½" Angle	2" Globe	2" 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" Globe	1½" Angle	2" Globe	2" 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

Filter Sentry

