

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



VALVES

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

