

1" PGV & PGV JAR TOP

Inlet: 1" (25 mm)
Flow: 0.05 to 9 m³/hr; 0.7 to 150 l/min

FEATURES

- Size: 1" (25 mm)
- External and internal manual bleed allows quick and easy "at the valve" activation
- Double-beaded diaphragm seal design for superior leak-free performance
- Durable glass-filled nylon threaded bonnet ring allows easy access without tools (Jar Top)
- Optional: 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: 66° C
- Warranty period: 2 years
- ▶ Flow control
- ▶ Accu Sync® pressure regulation
- ▶ Optional reclaimed water ID

OPERATING SPECIFICATIONS

- Flow: 0.05 to 9 m³/hr; 0.7 to 150 l/min
- Recommended pressure range: 1.5 to 10 bar; 150 to 1,000 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*
- ▶ = *Advanced Feature descriptions on page 80*
- * Accu Sync product information on page 92



PGV-100G
Inlet Diameter: 1" (25 mm)
Height: 13 cm
Length: 11 cm
Width: 6 cm



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Inlet Diameter: 1" (25 mm)
Height: 13 cm
Length: 11 cm
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PGV-100JT-G
Inlet Diameter: 1" (25 mm)
Height: 14 cm
Length: 11 cm
Width: 8 cm



PGV-101JT-G
Inlet Diameter: 1" (25 mm)
Height: 14 cm
Length: 11 cm
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PGV Jar Top



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

1 Model	2 Inlet/Outlet	3 Options (Factory Installed)	4 Options (User Installed)
PGV-100G = 1" (25 mm) Globe valve, without flow control PGV-101G = 1" (25 mm) Globe valve, with flow control PGV-100A = 1" (25 mm) Angle valve, without flow control PGV-101A = 1" (25 mm) Angle valve, with flow control PGV-100 = 1" (25 mm) Globe valve, without flow control PGV-101 = 1" (25 mm) Globe valve, with flow control	(blank) = NPT threads B = BSP threads MM = Male x male (NPT) MMB = Male x male (BSP)	(blank) = No Option DC = DC latching solenoid LS = Valve without solenoid	(blank) = No option 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

Example:
 PGV-101G - B - DC = 1" (25 mm) Globe valve, with flow control, BSP threads, and DC latching solenoid

PGV JAR TOP - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Inlet/Outlet	3 Options (Factory Installed)	4 Options (User Installed)
PGV-100JT = 1" (25 mm) Globe jar top valve, without flow control PGV-101JT = 1" (25 mm) Globe jar top valve, with flow control	GB = BSP threads MM = Male x male (NPT) MMB = Male x male (BSP)	(blank) = No option LS = Less solenoid DC = DC latching solenoid	(blank) = No option 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

Examples:
 PGV-100JT-GB = 1" (25 mm) Globe jar top valve, without flow control, and BSP threads
 PGV-100JT-MMB = 1" (25 mm) Globe jar top valve, without flow control, and male BSP threads

1" (25 MM) PGV VALVE		1" (25 MM) PGV VALVE	
Flow m ³ /hr	Pressure Loss bar	Flow l/min	Pressure Loss kPa
0.3	0.08	4	8
1.0	0.11	20	11
2.5	0.13	40	13
3.5	0.16	55	16
4.5	0.23	75	23
5.5	0.43	95	43
6.5	0.62	115	62
8.0	1.10	135	110
9.0	1.48	150	148

PGV-100G Installed

