

1" PGV & PGV JAR TOP

Size: **1"**
Flow: **0.2 to 40 GPM**

FEATURES

- External and internal manual bleed allows quick and easy “at the valve” activation
- Double-beaded diaphragm seal design assures 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: 150°F
- Warranty period: 2 years
- ▶ Flow control
- ▶ Accu Sync® pressure regulation

OPERATING SPECIFICATIONS

- Flow:
 - PGV-100: 0.2 to 40 GPM
 - PGV-101: 0.2 to 40 GPM
- Recommended pressure range: 20 to 150 PSI

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 71*
- * Accu Sync product information on page 79



PGV-100G
Inlet Diameter: 1"
Height: 5"
Length: 4½"
Width: 2½"



PGV-101G
Inlet Diameter: 1"
Height: 5"
Length: 4½"
Width: 2½"



PGV-100JT-G
Inlet Diameter: 1"
Height: 5½"
Length: 4½"
Width: 3¼"



PGV-101JT-G
Inlet Diameter: 1"
Height: 5½"
Length: 4½"
Width: 3¼"

PGV Jar Top



VALVES

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

1 Model	2 Inlet/Outlet	3 Options (Factory Installed)	4 Options (User Installed)
<p>PGV-100G = 1" Globe valve, without flow control</p> <p>PGV-101G = 1" Globe valve, with flow control</p> <p>PGV-100A = 1" Angle valve, without flow control</p> <p>PGV-101A = 1" Angle valve, with flow control</p> <p>PGV-100 = 1" Globe valve, without flow control</p> <p>PGV-101 = 1" Globe valve, with flow control</p>	<p>(blank) = NPT threads</p> <p>S = Slip x Slip <i>(only available in 100G and 101G models)</i></p> <p>MM = Male x male (NPT)</p> <p>MB = Male NPT x 1" Barb</p> <p>MB125 = Male NPT x 1¼" Barb</p>	<p>(blank) = No Option</p> <p>DC = DC latching solenoid</p> <p>LS = Valve without solenoid</p>	<p>(blank) = No option</p> <p>CC = Solenoid conduit cover</p> <p>DC = DC latching solenoid</p> <p>AS-ADJ = Accu Sync® adjustable pressure regulator</p> <p>AS-xx* = Accu Sync pressure regulator 20* = 20 PSI, 30* = 30 PSI, 40* = 40 PSI 50* = 50 PSI, 70* = 70 PSI</p>

Example:
 PGV-101G-S-DC = 1" Globe valve, with flow control, slip x slip, 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)
<p>PGV-100JT = 1" Globe jar top valve, without flow control</p> <p>PGV-101JT = 1" Globe jar top valve, with flow control</p>	<p>G = Female NPT</p> <p>GS = Slip x Slip</p> <p>MM = Male x male (NPT)</p> <p>MB = Male NPT x 1" Barb</p> <p>MB075 = Male NPT x ¾" Barb</p> <p>MB125 = Male NPT x 1¼" Barb</p>	<p>(blank) = No option</p> <p>LS = Valve without solenoid</p> <p>DC = DC latching solenoid</p>	<p>(blank) = No option</p> <p>CC = Solenoid conduit cover</p> <p>DC = DC latching solenoid</p> <p>AS-ADJ = Accu Sync adjustable pressure regulator</p> <p>AS-xx* = Accu Sync pressure regulator 20* = 20 PSI, 30* = 30 PSI, 40* = 40 PSI, 50* = 50 PSI 70* = 70 PSI</p>

Examples:
 PGV-101JT-G = 1" Globe jar top valve, with flow control, and 1" female
 PGV-100JT-MB075-DC = 1" Globe jar top valve, without flow control, with 1" male x ¾" barb, and DC latching solenoid

PGV PRESSURE LOSS IN PSI	
Flow GPM	1" Globe
1	1.1
5	1.6
10	1.9
15	2.3
20	3.3
30	9.0
35	16
40	20

PGV-100G Installed



VALVES