

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



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" Globe valve, without flow control PGV-101G = 1" Globe valve, with flow control PGV-100A = 1" Angle valve, without flow control PGV-101A = 1" Angle valve, with flow control PGV-100 = 1" Globe valve, without flow control PGV-101 = 1" Globe valve, with flow control	(blank) = NPT threads S = Slip x Slip <i>(only available in 100G and 101G models)</i> MM = Male x male (NPT) MB = Male NPT x 1" Barb MB125 = Male NPT x 1¼" Barb	(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 * = 20 PSI, 30 * = 30 PSI, 40 * = 40 PSI 50 * = 50 PSI, 70 * = 70 PSI

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)
PGV-100JT = 1" Globe jar top valve, without flow control PGV-101JT = 1" Globe jar top valve, with flow control	G = Female NPT GS = Slip x Slip MM = Male x male (NPT) MB = Male NPT x 1" Barb MB075 = Male NPT x ¾" Barb MB125 = Male NPT x 1¼" Barb	(blank) = No option LS = Valve without 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 * = 20 PSI, 30 * = 30 PSI, 40 * = 40 PSI, 50 * = 50 PSI 70 * = 70 PSI

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

