

1" PGV & PGV JAR-TOP



These versatile and robust valves offer simple serviceability.

KEY BENEFITS

- External/internal manual bleed allows for quick and easy activation at the valve
- Double-beaded diaphragm seal design ensures leak-free performance
- Captive bonnet screws eliminate the possibility of lost parts during disassembly
- Triple-tool bonnet screws are compatible with standard or Phillips screwdrivers as well as a nut driver
- Jar-top models provide easy access without tools
- Encapsulated solenoid with captive plunger used on every Hunter valve provides hassle-free service
- Flow control maximizes efficiency and prolongs the life of the system

USER-INSTALLED OPTIONS

- Accu Sync® pressure regulation at the valve*
- DC-latching solenoid for battery-powered controllers (P/N 458200)
- Solenoid conduit cover (P/N 464322)

FACTORY-INSTALLED OPTIONS

- LS: Valve without solenoid
- DC: DC-latching solenoid for battery-powered controllers
- JT: Jar-top models

OPERATING SPECIFICATIONS

- Flow: 0.2 to 40 GPM
- Recommended pressure range: 20 to 150 PSI
- Temperature rating: 150°F
- Warranty period: 2 years

SOLENOID SPECIFICATIONS

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

* Accu Sync product information on [page 83](#)



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



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



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Height: 5½"
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Double-Beaded Diaphragm



Captive Bonnet Bolts



1" PGV	
Model	Description
PGV-100A	1" plastic angle valve, without flow control, female NPT inlet and outlet
PGV-100G	1" plastic globe valve, without flow control, female NPT inlet and outlet
PGV-100G-S	1" plastic globe valve, without flow control, slip inlet and outlet
PGV-100G-LS	1" plastic globe valve, without flow control, female NPT inlet and outlet, no solenoid
PGV-100-MB	1" plastic globe valve, without flow control, male NPT inlet, 1" outlet poly insert barb
PGV-100-MB125	1" plastic globe valve, without flow control, male NPT inlet, 1/4" outlet poly insert barb
PGV-100-MM	1" plastic globe valve, without flow control, male NPT inlet and outlet
PGV-101A	1" plastic angle valve, with flow control, female NPT inlet and outlet
PGV-101G	1" plastic globe valve, with flow control, female NPT inlet and outlet
PGV-101G-S	1" plastic globe valve, with flow control, slip inlet and outlet
PGV-101G-LS	1" plastic globe valve, with flow control, female NPT inlet and outlet, no solenoid
PGV-101-MB	1" plastic globe valve, with flow control, male NPT inlet, 1" outlet poly insert barb
PGV-101-MB125	1" plastic globe valve, with flow control, male NPT inlet, 1/4" outlet poly insert barb
PGV-101-MM	1" plastic globe valve, with flow control, male NPT inlet and outlet

PGV JAR-TOP	
Model	Description
PGV-100JT-G	1" plastic globe valve, jar-top bonnet, without flow control, female NPT inlet and outlet
PGV-100JT-G-LS	1" plastic globe valve, jar-top bonnet, without flow control, female NPT inlet and outlet, no solenoid
PGV-100JT-GS	1" plastic globe valve, jar-top bonnet, without flow control, female slip inlet and outlet
PGV-100JT-MB	1" plastic globe valve, jar-top bonnet, without flow control, male NPT inlet, 1" outlet poly insert barb
PGV-100JT-MB075	1" plastic globe valve, jar-top bonnet, without flow control, male NPT inlet, 3/4" outlet poly insert barb
PGV-100JT-MB125	1" plastic globe valve, jar-top bonnet, without flow control, male NPT inlet, 1/4" outlet poly insert barb
PGV-100JT-MM	1" plastic globe valve, jar-top bonnet, without flow control, male NPT inlet and outlet
PGV-101JT-G	1" plastic globe valve, jar-top bonnet, with flow control, female NPT inlet and outlet
PGV-101JT-G-LS	1" plastic globe valve, jar-top bonnet, with flow control, female NPT inlet and outlet, no solenoid
PGV-101JT-GS	1" plastic globe valve, jar-top bonnet, with flow control, female slip inlet and outlet
PGV-101JT-MB	1" plastic globe valve, jar-top bonnet, with flow control, male NPT inlet, 1" outlet poly insert barb
PGV-101JT-MB075	1" plastic globe valve, jar-top bonnet, with flow control, male NPT inlet, 3/4" outlet poly insert barb
PGV-101JT-MB125	1" plastic globe valve, jar-top bonnet, with flow control, male NPT inlet, 1/4" outlet poly insert barb
PGV-101JT-MM	1" plastic globe valve, jar-top bonnet, with flow control, male NPT inlet and outlet

PGV PRESSURE LOSS IN PSI				
GPM	Globe	Angle	Male x Male	Male x Barb
1	3	1	2	2
5	4	1	2	2
10	4	1	2	2
15	5	1	3	3
20	5	2	4	4
25	6	2	7	6
30	8	3	10	10
40	14	5	18	16

PGV-100G Installed

