

# Hunter®

## PGV Jar-Top Valves



*PGV Jar-Top*

*Maximum  
Convenience,  
Reliability and  
Ease of Service  
in a Residential  
Valve*

**N**ow it's possible to service a Hunter valve without using any tools to gain access to the inner workings of the product. With the new "jar-top" design of the Hunter PGV – the latest addition to the most popular valve line Hunter has ever produced – all it takes is a simple twist of the wrist to unscrew the top of the valve. Product maintenance has never been easier! Best of all, to get this new-found simplicity, you don't have to give up any quality or performance, as these valves possess more

than enough features to handle the demands of whatever your site has to offer. Choose from a wide range of different models, each with a different configuration to address the many different styles of installations that vary from region to region. All models feature durable, high-grade, corrosive- and UV-resistant PVC construction and a rugged double-beaded, leak-proof diaphragm with support to prevent stress failure. Plus, the PGV Jar-Top boasts a fully-encapsulated solenoid that provides your guarantee of reliable operation time after time.

### FEATURES & BENEFITS



#### **Jar-Top bonnet**

Intuitive design makes it easy to access the valve; no tools necessary

#### **Fully-encapsulated Hunter solenoid**

Provides dependable operation and long life

#### **High grade construction**

Made of durable materials and stainless steel to resist wear

#### **Internal and external manual bleed**

Two easy ways to manually operate the valve

#### **Flow control option**

Adjusts the flow of each zone on a system to deliver optimum nozzle performance

#### **Rigid diaphragm support**

Works to prevent stress failure in tough conditions

#### **Common parts to other Hunter valves**

Diaphragm is interchangeable with PGV, SRV and ASV series 1" valves; solenoid fits all Hunter plastic valves



## Models

- PGV-100JT – 1" plastic globe valve, Jar-Top Bonnet, no flow control
- PGV-101JT – 1" plastic globe valve, Jar-Top Bonnet, with flow control
- PGV-100JT-S – 1" plastic globe valve, Jar-Top Bonnet, no flow control, female slip
- PGV-101JT-S – 1" plastic globe valve, Jar-Top Bonnet, with flow control, female slip
- PGV-100JT-MB – 1" plastic globe valve, Jar-Top Bonnet, no flow control, male thread x barb
- PGV-101JT-MB – 1" plastic globe valve, Jar-Top Bonnet, with flow control, male thread x barb
- PGV-100JT-MB125 – 1" plastic globe valve, Jar-Top Bonnet, no flow control, 1" male thread x 1¼" barb
- PGV-101JT-MB125 – 1" plastic globe valve, Jar-Top Bonnet, with flow control, 1" male thread x 1¼" barb
- PGV-100JT-MM – 1" plastic globe valve, Jar-Top Bonnet, no flow control, male x male thread
- PGV-101JT-MM – 1" plastic globe valve, Jar-Top Bonnet, with flow control, male x male thread
- PGV-100JT-MB075 – 1" plastic globe valve, Jar-Top Bonnet, no flow control, 1" male thread x ¾" barb
- PGV-101JT-MB075 – 1" plastic globe valve, Jar-Top Bonnet, with flow control, 1" male thread x ¾" barb

## Dimensions

- 1" Globe: 5½" H x 4¾" L x 3¼" W
- 1" Male x Male: 5½" H x 5¼" L x 3¼" W
- 1" Male x Barb: 5½" H x 5⅞" L x 3¼" W
- 1" Male x 1¼" Barb: 5½" H x 5⅞" L x 3¼" W

## Operating Specifications

- Flow: 1 to 30 gpm (0.23 to 6.81 m³/hr; 3.8 to 113.5 l/min)
- Pressure: 20 to 150 psi (1.4 to 10.3 bars; 138 to 1034 kPa)
- Heavy-duty fully encapsulated solenoid: 24VAC, 50/60 cycles, 400mA inrush current, 270mA holding current

## A Complete Line-up of Choices

No matter what method of installation you prefer, the PGV Jar-Top offers a model to match your particular requirements:



Thread

### Threaded

1" threaded inlet and outlet.



Slip

### Slip

For direct, leak-free solvent weld connections to PVC pipe.



Male x Barb

### Male x Barb

Specifically designed for use with polyethylene piping systems. Requires fewer fittings and allows faster installation. Choice of ¾", 1" or 1¼" barb outlets for compatibility with different systems.



Male x Male

### Male x Male

Designed for use with "union style" manifold tees for quick installation.



## SPECIFICATION GUIDE

EXAMPLE: **PGV - 100JT - S - R**

MODEL	FEATURES	OPTIONS FACTORY INSTALLED	OPTIONS USER INSTALLED
PGV	<b>100JT</b> = 1" Globe Jar-Top Valve, no Flow Control <b>101JT</b> = 1" Globe Jar-Top Valve, with Flow Control	<b>G</b> = NPT Threads <b>S</b> = Slip x Slip <b>B</b> = BSP Threads <b>MM</b> = Male x Male (NPT) <b>MMB</b> = Male x Male (BSP) <b>MB</b> = Male x 1" Barb <b>MB075</b> = Male x ¾" Barb <b>MB125</b> = Male x 1¼" Barb <b>LS</b> = Less Solenoid (Only available on 101JTG, 100JTG, 101JTB, 100JTB)	<b>R</b> = Reclaimed Water Identification Handle <b>DC</b> = DC Latching Solenoid <b>CC</b> = Solenoid Conduit Cover

## PGV Jar-Top Pressure Loss in PSI

GPM	1"
1	1.1
5	1.9
10	1.9
15	1.6
20	3.3
30	6.1

Charts based on full-open flow control position.