Now it’s possible to service a Hunter valve without using any tools to gain access to the inner workings of the product. Product maintenance has never been easier! And with this simplicity, you don’t give up any quality or performance as these valves boast more than enough features to handle the demands of whatever your site has to offer. Choose from a wide range of different configurations for 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, you’ll find a fully-encapsulated solenoid that guarantees reliable operation time after time.

### Features & Benefits

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jar-Top bonnet</td>
<td>Intuitive design makes it easy to access the valve; no tools necessary</td>
</tr>
<tr>
<td>Fully-encapsulated Hunter solenoid</td>
<td>Provides dependable operation and long life</td>
</tr>
<tr>
<td>High grade construction</td>
<td>Made of durable materials and stainless steel to resist wear</td>
</tr>
<tr>
<td>Internal and external manual bleed</td>
<td>Two options for manual operation</td>
</tr>
<tr>
<td>Flow control option</td>
<td>Adjusts the flow of each zone on a system to deliver optimum nozzle performance</td>
</tr>
<tr>
<td>Rigid diaphragm support</td>
<td>Works to prevent stress failure in tough conditions</td>
</tr>
<tr>
<td>Common parts to other Hunter valves</td>
<td>Diaphragm is interchangeable with PGV, SRV, and ASV series 1” valves; solenoid fits all Hunter plastic valves</td>
</tr>
</tbody>
</table>

All it takes is a simple twist of the wrist to unscrew the top of the valve, making PGV Jar-Top the industry’s fastest valve to service.
Models
PGV-100JT-G – 1” plastic globe valve, Jar-Top Bonnet, no flow control
PGV-101JT-G – 1” plastic globe valve, Jar-Top Bonnet, with flow control
PGV-100JT-6S – 1” plastic globe valve, Jar-Top Bonnet, no flow control, female slip
PGV-101JT-6S – 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 5⅛” L x 3¼” W
- 1” Male x 1¼” Barb: 5½” H x 5½” L x 3¼” W

Operating Specifications
- Flow: .2 to 30 GPM (0.04 to 6.81 m³/hr; 0.7 to 113.5 l/min)
- Pressure: 20 to 150 PSI (1.4 to 10.3 bars; 138 to 1034 kPa)
- Heavy-duty solenoid: 24VAC, 370mA inrush current, 190mA holding current, 60 cycles; 475mA inrush current, 230mA holding current, 50 cycles

Options Available
- Reclaimed water identification handle for flow control models only (part # 269205)
- DC latching solenoid (part # 458200)
- Solenoid conduit cover (part # 464322)

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:

Threaded
1” threaded inlet and outlet.

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

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
Designed for use with “union style” manifold tees for quick installation.

PGV Jar-Top Pressure Loss in PSI

<table>
<thead>
<tr>
<th>GPM</th>
<th>1”</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.1</td>
</tr>
<tr>
<td>5</td>
<td>1.9</td>
</tr>
<tr>
<td>10</td>
<td>1.9</td>
</tr>
<tr>
<td>15</td>
<td>1.6</td>
</tr>
<tr>
<td>20</td>
<td>3.3</td>
</tr>
<tr>
<td>30</td>
<td>6.1</td>
</tr>
</tbody>
</table>

Charts based on full-open flow control position.

SPECIFICATION GUIDE

EXAMPLE: PGV - 100JT - S - R

MODEL
PGV

FEATURES
100JT – 1” Globe Jar-Top Valve, no Flow Control
101JT – 1” Globe Jar-Top Valve, with Flow Control

OPTIONS FACTORY INSTALLED
G = NPT Threads
S = Slip x Slip
M = BSP Threads
M-MM = Male x Male (BSP)
M-MB = Male x 1” Barb
MB075 = Male x ¾” Barb
MB125 = Male x 1¼” Barb
LS = Less Solenoid

OPTIONS USER INSTALLED
R = Reclaimed Water Identification Handle
DC = DC Latching Solenoid
CC = Solenoid Conduit Cover