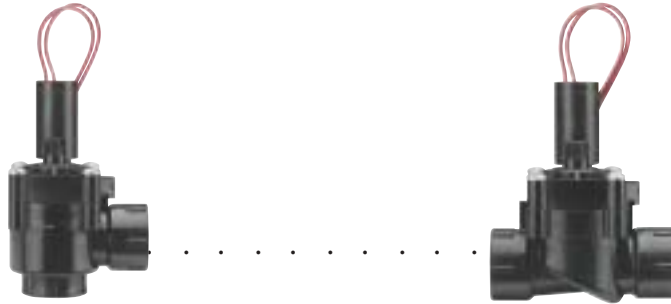


Hunter®

HPV Plastic Valves



HPV

The Heavy-Duty Plastic Valve for Residential and Light Commercial Use

This is the plastic valve that's built to take it. Every feature you need for long-lasting, heavy-duty performance is here. A unique porting system with a superior ability to filter dirty water that also closes slowly to suppress water hammer. Rigid internal support to prevent stress failure in high pressure situations. Low-flow

capability for effective drip applications and a flow control option that assures efficient operation when accurate flow management is required. Plus, a captive diaphragm, solenoid plunger and bonnet screws, so lost parts will never be a problem. If you're looking for a valve that will last, choose this one first.

FEATURES & BENEFITS



- • • • • **Heavy-duty solenoid**
Long-life, reliable operation
- • • • • **Captive solenoid plunger**
No more lost parts
- • • • • **Internal manual bleed**
Keeps valve box dry
- • • • • **Captive bonnet screws**
No more lost parts
- • • • • **Heavy-duty construction**
Ensures extra-long life
- • • • • **Fully supported diaphragm**
Prevents stress failure
- • • • • **Self-flushing filter and porting system**
Handles dirty water with ease



A Valve You can Depend on



For reliability, turn to the valve that assures you of dependable operation time after time. For quality, turn to the valve whose solid construction is your guarantee of effective performance today as well as tomorrow. For a valve that's built to work and built to last, turn to the Hunter HPV.

Pressure Loss in Bars

m ³ /hr.	1" Globe	1" Angle
0.23	0.1	0.1
1.14	0.1	0.1
2.27	0.1	0.1
3.41	0.1	0.1
4.54	0.2	0.1
5.68	0.2	0.1
6.81	0.4	0.2
7.95	0.5	0.3
9.00	0.7	0.4

Pressure Loss in kPa

l/min	1" Globe	1" Angle
3.8	6.9	6.9
18.9	13.8	10.3
37.9	13.8	11.7
56.8	12.4	9.7
75.7	17.2	10.3
94.6	24.8	13.8
113.6	37.9	20.0
132.5	53.1	29.0
151.4	72.4	39.3

Charts based on full-open flow control position.

Models

HPV-100-G:
1" plastic globe valve

HPV-101-G:
1" plastic globe valve,
with flow control

HPV-100-A:
1" plastic angle valve

HPV-101-A:
1" plastic angle valve,
with flow control

Dimensions

- Globe: 13 cm H x 11 cm L x 7 cm W
- Angle: 14 cm H x 9 cm L x 7 cm W

Operating Specifications

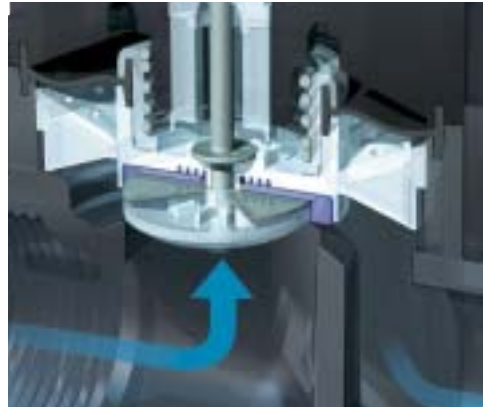
- Flow: 0.09 to 9.09 m³/hr;
1.5 to 151.4 l/min
- Pressure: 1.4 to 10.3 bars;
138 to 1034 kPa
- Standard Solenoid: 24VAC, 50/60
cycles, 400mA inrush current
(0.400A, 9.6VA); 250mA holding
current (0.250A, 6.0VA)

Warranty

- 2-year exchange, not prorated

Ready for the Toughest Conditions

Need a valve that will function in dirty as well as clean water conditions? The Hunter HPV is engineered to handle dirty water conditions, reliably operating with water drawn from lakes, reservoirs, wells and the like year after year. The HPV's unique filtration system protects the upper diaphragm chamber from debris that can cause valve failure—each time the valve opens and closes, the filtering mechanism is flushed with turbulent water. Put an end to valves that won't turn on and off when they're supposed to... choose Hunter's commercial grade HPV.



PRODUCT EXPLANATION

EXAMPLE: **HPV - 101 - G - B**

MODEL
HPV-100 = 1",
no flow control

CONFIGURATION
A = Angle
G = Globe

OPTIONS
B = BSP Threads

HPV-101 = 1",
with flow control

Available from:

