Hunter®

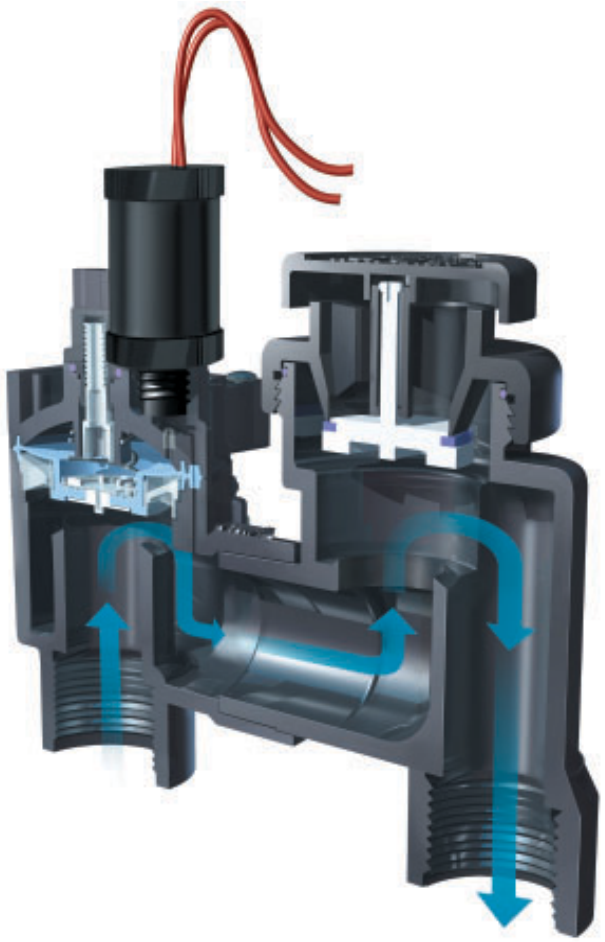
# ASV Anti-Siphon/Electric Valves

## ASV

***Electric Valve with Atmospheric Backflow Prevention for Residential Sites***

The new ASV anti-siphon/electric valve offers simple operation and trouble-free performance for both residential and light commercial sites, while eliminating the need for a separate backflow preventer. This convenient all-in-one unit offers a whole host of features professionals have come to expect from a Hunter valve – a rugged diaphragm that provides a leak-proof seal, internal bleed for manual operation, stainless steel hardware and springs, stainless steel bonnet screws, heavy-duty PVC construction that is both corrosion- and UV-resistant, plus flow control, allowing precise adjustment of the flow plus manual shutoff. For proven reliability that also meets all the listing requirements of the regulatory agencies that set the standards for anti-siphon valves, count on the Hunter ASV.

## FEATURES & BENEFITS



**Heavy-duty Hunter solenoid**
Provides dependable operation and long life

**High grade construction**
Made of durable PVC and stainless steel to resist wear

**Internal manual bleed**
Easy to use and keeps valve area dry

**Standard flow control**
Adjust the flow of each zone on a system

**Optional slip configuration**
Permits direct solvent connection to PVC pipe

**Rigid diaphragm support**
Works to prevent stress failure in tough conditions

**Captive solenoid plunger and anti-siphon poppet**
No lost parts during routine service

### *Models*

ASV-075 – 3/4" anti-siphon electric valve with flow control, NPT inlets

ASV-101 – 1" anti-siphon electric valve with flow control, NPT inlets

ASV-075-S – 3/4" anti-siphon electric valve with flow control, Slip inlets

ASV-101-S – 1" anti-siphon electric valve with flow control, Slip inlets

### *Dimensions*

- ASV-075
  Height: 5 1/2"
  Length: 5 3/4"
  Width: 2 1/2"
- ASV-101
  Height: 5 1/2"
  Length: 6 1/4"
  Width: 2 1/2"

### *Operating Specifications*

- Flow: 1 to 30 gpm
- Pressure: 20 to 150 psi
- Heavy duty standard solenoid: 24VAC, 50/60 cycles, 400mA inrush current, (0.400A, 9.6 VA); 270mA holding current (0.270A, 6.5VA)

## *What is backflow and why do I need to prevent it?*

*Backflow is an undesirable reversal of the flow of water and other unwanted substances (e.g., reclaimed water, lawn chemicals, fertilizer, etc.) from any source into the distribution pipes of a potable water system. At a typical residential or commercial installation, the actual problem is called backsiphonage. Because sprinkler heads are located below ground level, water which may have been in contact with fertilizers or other potentially toxic applications can be siphoned back through a leaky valve and enter the potable water supply. A backflow prevention device like the ASV contains a moving element inside which, during flow, keeps water from spilling from the unit and, during cessation of flow, drops down to provide a vent opening. The result is safe, uncontaminated water where you expect it.*

**Pressure Loss in PSI**

| GPM | 3/4" | 1" |
|---|---|---|
| 1 | 1 | 1 |
| 5 | 2 | 2 |
| 10 | 2 | 2 |
| 15 | 3 | 3 |
| 20 | 6 | 6 |
| 25 | 10 | 6 |
| 30 | 15 | 9 |

**PRODUCT EXPLANATION**

EXAMPLE: **ASV - 101 - S**

**MODEL**
**ASV-075** = 3/4" anti-siphon electric valve with flow control
**ASV-101** = 1" anti-siphon electric valve with flow control

**OPTIONS**
**S** = Slip x Slip

## *Available from:*

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