

# ICV

Size: **1", 1½", 2", 3"**  
Flow: **0.1 to 300 GPM**

## FEATURES

- Sizes: 1", 1½", 2", 3"
- External and internal manual bleed allows quick and easy "at the valve" activation
- Glass-filled nylon construction results in the highest pressure rating
- Double-beaded diaphragm seal design assures leak-free performance
- Fabric reinforced EPDM diaphragm and EPDM seat ensure greater performance in all water conditions
- Optional DC latching solenoids enable Hunter's battery-powered controllers
- Captive bonnet bolts provide hassle-free valve maintenance
- Low flow capability allows for use of Hunter's micro irrigation products
- Encapsulated 24 VAC solenoid with captive plunger for hassle-free service
- Temperature rating: 150° F
- Warranty period: 5 years
- ▶ Flow control
- ▶ Filter Sentry™
- ▶ Optional reclaimed water ID tag
- ▶ Accu-Sync® pressure regulation

## OPERATING SPECIFICATIONS

- Flow:
  - ICV-101G: 0.1 to 40 GPM
  - ICV-151G: 20 to 150 GPM
  - ICV-201G: 40 to 200 GPM
  - ICV-301G: 150 to 300 GPM
- Recommended pressure range: 20 to 220 PSI

## SOLENOID SPECIFICATIONS

- 24 VAC solenoid
  - 350 mA inrush, 190 mA holding, 60 Hz
  - 370 mA inrush, 210 mA holding, 50 Hz
- ▶ = *Advanced Feature descriptions on page 71*



**ICV-101G**  
Inlet Diameter: 1"  
Height: 5½"  
Length: 3¾"  
Width: 4"



**ICV-151G**  
Inlet Diameter: 1½"  
Height: 7½"  
Length: 6¾"  
Width: 5½"



**ICV-201G**  
Inlet Diameter: 2"  
Height: 7½"  
Length: 6¾"  
Width: 5½"



**ICV-301**  
Inlet Diameter: 3"  
Height: 10¾"  
Length: 9¼"  
Width: 7¾"

### Filter Sentry



### ICV PRESSURE LOSS IN PSI

Flow (GPM)	1" Globe	1½" Globe	2" Globe	3" Globe	3" Angle
0.1	2.0				
0.5	2.0				
1	2.0				
5	2.5				
10	3.0				
15	3.0				
20	3.0	1.5			
30	9.0	1.5			
40	20.0	1.7	0.8		
50		2.2	1.2		
60		3.0	1.7		
75		3.9	2.4		
90		5.5	3.2		
100		7.0	4.2		
120		10.9	6.5		
135		12.7	7.9		
150		16.2	9.8	2.5	1.9
175			13.3	3.0	2.4
200			17.7	4.1	3.3
225				5.3	4.3
250				6.7	5.5
275				8.3	6.9
300				10.1	8.5

### ICV - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Inlet/Outlet	3 Options (Factory Installed)	4 Options (User Installed)
<b>ICV-101G</b> = 1" Globe valve <b>ICV-151G</b> = 1½" Globe valve <b>ICV-201G</b> = 2" Globe valve <b>ICV-301</b> = 3" Globe/Angle valve	<b>(blank)</b> = NPT threads	<b>(blank)</b> = No option <b>FS</b> = Filter Sentry <b>DC</b> = DC latching solenoid	<b>(blank)</b> = No option <b>R</b> = Reclaimed water ID tag <b>CC</b> = Solenoid conduit cover <b>DC</b> = DC latching solenoid <b>AS-ADJ</b> = Accu-Sync adjustable pressure regulator <b>AS-xx*</b> = Accu-Sync pressure regulator <b>20*</b> = 20 PSI, <b>30*</b> = 30 PSI <b>40*</b> = 40 PSI, <b>50*</b> = 50 PSI <b>70*</b> = 70 PSI

#### Examples:

**ICV-101G** = 1" Globe valve, NPT threads

**ICV-151G - FS - R** = 1½" Globe valve, Filter Sentry, and reclaimed water ID tag