

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-301: 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: 4¾"
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: 9"
Width: 7¾"



ICV-R

Inlet Diameter: 1", 1½", 2", and 3"
Height: 7½"
Length: 6¾"
Width: 5½"

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)
ICV-101G = 1" Globe valve ICV-151G = 1½" Globe valve ICV-201G = 2" Globe valve ICV-301 = 3" Globe/Angle valve	(blank) = NPT threads	(blank) = No option DC = DC latching solenoid FS = Filter Sentry FS-R = Reclaimed water ID tag, purple flow control knob, Filter Sentry and purple chlorine resistant diaphragm	(blank) = No option R = Reclaimed water ID tag CC = Solenoid conduit cover DC = DC latching solenoid AS-ADJ = Accu Sync adjustable pressure regulator AS-xx* = Accu Sync pressure regulator 20 * = 20 PSI, 30 * = 30 PSI 40 * = 40 PSI, 50 * = 50 PSI 70 * = 70 PSI

Examples:

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

ICV-151G - FS - R = 1½" Globe valve, Filter Sentry, purple flow control knob, purple chlorine resistant diaphragm, and reclaimed water ID tag