

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 69*



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



ICV-151G
Inlet Diameter: 1½"
Height: 7⅞"
Length: 6⅞"
Width: 5½"



ICV-201G
Inlet Diameter: 2"
Height: 7⅞"
Length: 6⅞"
Width: 5½"



ICV-301
Inlet Diameter: 3"
Height: 10¾"
Length: 9¼"
Width: 7⅞"

VALVES

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	(blank) = NPT threads	(blank) = No option FS = Filter Sentry DC = DC latching solenoid	(blank) = No option
ICV-151G = 1½" Globe valve			R = Reclaimed water ID tag
ICV-201G = 2" Globe valve			CC = Solenoid conduit cover
ICV-301 = 3" Globe/Angle valve			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, and reclaimed water ID tag

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