ICV



This dependable valve works seamlessly with highly demanding systems.

KEY BENEFITS

- Optional Filter Sentry® scours the filter screen in dirty water conditions
- External/internal manual bleed allows for quick and easy activation at the valve
- · Glass-filled nylon construction provides high pressure rating and reliability
- Double-beaded diaphragm seal design ensures leak-free performance
- Fabric-reinforced EPDM diaphragm and seat ensure greater performance in all water conditions
- Captive bonnet screws eliminate the possibility of lost parts during disassembly
- Triple-tool bonnet screws are compatible with standard or Phillips screwdrivers as well as a nut driver
- Encapsulated solenoid with captive plunger used on every Hunter valve provides hassle-free service
- Flow control maximizes efficiency and prolongs the life of the system

USER-INSTALLED OPTIONS

- Accu Sync® pressure regulation at the valve
- DC-latching solenoid for battery-powered controllers (P/N 458200)
- · Filter Sentry easily added to an installed valve*
- Solenoid conduit cover (P/N 464322)

FACTORY-INSTALLED OPTIONS

- · LS: Valve without solenoid
- DC: DC-latching solenoid for battery-powered controllers
- FS: Filter Sentry
- FS-R: Reclaimed option with Filter Sentry, purple control knob, and purple chlorine-resistant diaphragm

OPERATING SPECIFICATIONS

- Flow:
 - ICV-101G: 0.1 to 40 GPM - ICV-151G: 0.1 to 150 GPM
 - ICV-201G: 0.1 to 200 GPM
 - ICV-301: 0.1 to 300 GPM
- Recommended pressure range: 20 to 220 PSI
- Temperature rating: 150°F
- Warranty period: 5 years

SOLENOID SPECIFICATIONS

- 24 VAC solenoid
 - 350 mA inrush, 190 mA holding, 60 Hz
 - 370 mA inrush, 210 mA holding, 50 Hz
- * Accu Sync product information on page 83



ICV-101G Inlet diameter: 1" Height: 5½" Length: 4¾" Width: 4"



ICV-151G Inlet diameter: 1½" Height: 7½" Length: 6½" Width: 5½"



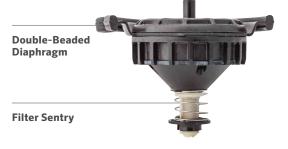
ICV-201G Inlet diameter: 2" Height: 71%" Length: 67%" Width: 51/2"



ICV-301 Inlet diameter: 3" Height: 10¾" Length: 9" Width: 7%"



ICV-R Inlet diameter: 1", 1½", 2", and 3" Height: 7½" Length: 6%" Width: 5½"



ICV	
Model	Description
ICV-101G	1" globe valve with flow control
ICV-101G-FS	1" globe valve with flow control, Filter Sentry
ICV-101G-DC	1" globe valve with flow control, DC solenoid
ICV-101G-LS	1" globe valve with flow-control-less solenoid
ICV-101G-FS-DC	1" globe valve with flow control, Filter Sentry, DC solenoid
ICV-101G-FS-LS	1" globe valve with flow control, Filter Sentry-less solenoid
ICV-101G-FS-R	Reclaimed 1" globe valve with flow control, Filter Sentry
ICV-151G	1½" globe valve with flow control
ICV-151G-FS	1½" globe valve with flow control, Filter Sentry
ICV-151G-DC	1½" globe valve with flow control, DC solenoid
ICV-151G-FS-DC	1½" globe valve with flow control, Filter Sentry, DC solenoid
ICV-151G-FS-R	Reclaimed 1½" globe valve with flow control, Filter Sentry
ICV-201G	2" globe valve with flow control
ICV-201G-FS	2" globe valve with flow control, Filter Sentry
ICV-201G-DC	2" globe valve with flow control, DC solenoid
ICV-201G-LS	2" globe valve with flow-control-less solenoid
ICV-201G-FS-DC	2" globe valve with flow control, Filter Sentry, DC solenoid
ICV-201G-FS-LS	2" globe valve with flow control, Filter Sentry-less solenoid
ICV-201G-FS-R	Reclaimed 2" globe valve with flow control, Filter Sentry
ICV301	3" globe/angle valve with flow control
ICV301-FS	3" globe/angle valve with flow control, Filter Sentry
ICV301-DC	3" globe/angle valve with flow control, DC solenoid
ICV301-FS-DC	3" globe/angle valve with flow control, Filter Sentry, DC solenoid
ICV-301-FS-R	Reclaimed 3" globe/angle valve with flow control, Filter Sentry

ICV PRESSURE LOSS (AT OPTIMAL FLOWS) 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		

Double-Beaded Chlorine-Resistant Diaphragm



Filter Sentry

300



