

*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-less 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: 7⅞"  
Length: 6⅞"  
Width: 5½"



### ICV-201G

Inlet diameter: 2"  
Height: 7⅞"  
Length: 6⅞"  
Width: 5½"



### ICV-301

Inlet diameter: 3"  
Height: 10¾"  
Length: 9"  
Width: 7¾"



### ICV-R

Inlet diameter: 1", 1½", 2", and 3"  
Height: 7⅞"  
Length: 6⅞"  
Width: 5½"

**Double-Beaded Diaphragm**

**Filter Sentry**



| 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      |
| 300        |          |           |          | 10.1     | 8.5      |

**Double-Beaded Chlorine-Resistant Diaphragm**



**Filter Sentry**

**Captive Bonnet Bolts**

