

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: 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

