

ICV

Top-of-the-line valve for high-pressure commercial systems, built to work seamlessly with the most 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

Animation: Valve Diaphragm Operation

Sorry, your browser doesn't support embedded videos, but don't worry, you can [download it](#) and watch it with your favorite video player!

| ICV PRESSURE LOSS IN PSI | | | | | |
|--------------------------|-------|-------|-------|-------|-------|
| Flow | 1" | 1½" | 2" | 3" | |
| GPM | Globe | Globe | Globe | Globe | 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 |
| | | | | | |

Copyright © 2024 Hunter Industries Inc. Hunter, the Hunter logo, and other marks are trademarks of Hunter Industries Inc., registered in the U.S. and certain other countries.

<https://redesign.hunterindustries.com/irrigation-product/valves/icv042324>