



- 01 **Reliable:** Can consistently withstand pressure of up to 15 bar
- 02 **Durable:** Built with glass-filled nylon that results in extremely sturdy construction
- 03 **Flow Control:** Allows for the fine-tuning of flow and pressure for each zone

## ICV VALVE

### *Top of the Line Valve for High-Pressure Commercial Systems*

The commercial-grade ICV is built to work seamlessly with the most demanding systems. It boasts an array of reliable features like a fabric reinforced EPDM diaphragm and seat, glass-filled nylon construction, and flow control. It can consistently operate at 15 bar, and will continue working through difficult circumstances like high velocities, fluctuating flow rates, and challenging water conditions. In addition to its unmatched reliability, the ICV is also exceptionally easy to maintain. Its bonnet fasteners can be loosened and tightened using a variety of common contractor tools. A Filter Sentry™ option is also available for applications that involve dirty water. The Filter Sentry system keeps the diaphragm filter screen free of debris found in treated or secondary water sources. For the ultimate reliability in high pressure and challenging water quality situations, the ICV is clearly the professional's ultimate choice.

# ICV VALVE FEATURES & SPECIFICATIONS

## Features

- Application: Commercial/municipal
- Sizes: 1" (25 mm), 1½" (40 mm), 2" (50 mm), 3" (80 mm) BSP
- External and internal manual bleed allows quick and easy "at the valve" activation
- Glass-filled nylon construction resulting in the highest pressure rating
- Double-beaded diaphragm seal design for superior leak-free performance
- Fabric-reinforced EPDM diaphragm and EPDM seat ensure superior performance in all conditions
- Optional: DC latching solenoids enable Hunter's battery-powered controllers
- Captive bonnet bolts provide hassle-free valve maintenance
- Low flow capability allows use Hunter's micro-irrigation products
- Encapsulated 24 VAC solenoid with captive plunger for hassle-free service
- Temperature rating: 66° C
- Warranty period: 5 years

## Operating Specifications

- Flow rate:
  - ICV-101G: 0.06 to 9 m<sup>3</sup>/hr; 0.4 to 150 l/min
  - ICV-151G: 17 to 34 m<sup>3</sup>/hr; 75 to 568 l/min
  - ICV-201G: 9 to 45 m<sup>3</sup>/hr; 150 to 757 l/min
  - ICV-301: 34 to 68 m<sup>3</sup>/hr; 560 to 1,135 l/min
- Recommended pressure range: 1.5 to 15.0 bar; 150 to 1,500 kPa

## Solenoid Specification

- 24 VAC solenoid:
  - 350 mA inrush, 190 mA holding, 60 Hz (North America)
  - 370 mA inrush, 190 mA holding, 50 Hz (most International locations)

## Models

### ICV-101G

**Inlet Diameter: 1" BSP**

Height: 14 cm

Length: 12 cm

Width: 10 cm



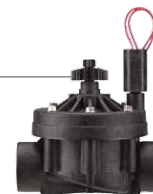
### ICV-151G

**Inlet Diameter: 1.5" BSP**

Height: 18 cm

Length: 17 cm

Width: 14 cm



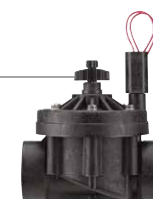
### ICV-201G

**Inlet Diameter: 2" BSP**

Height: 18 cm

Length: 17 cm

Width: 14 cm



### ICV-301

**Inlet Diameter: 3" BSP**

Height: 27 cm

Length: 22 cm

Width: 19 cm




## ICV - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Inlet/Outlet	3 Options (Factory Installed)	4 Options (User Installed)
<b>ICV-101G</b> = 1" BSP (25 mm) globe valve  <b>ICV-151G</b> = 1½" BSP (40 mm) globe valve  <b>ICV-201G</b> = 2" BSP (50 mm) globe valve  <b>ICV-301</b> = 3" BSP (80 mm) globe/angle valve	<b>B</b> = BSP threads	<b>(blank)</b> = No option <b>FS</b> = Filter Sentry <b>DC</b> = DC latching solenoid	<b>(blank)</b> = No option <b>R</b> = Reclaimed water ID handle <b>CC</b> = Solenoid conduit cover <b>DC</b> = DC latching solenoid  <b>AS-ADJ</b> = Accu-Sync adjustable pressure regulator  <b>AS-xx*</b> = Accu-Sync pressure regulator: <b>20*</b> = 1.4 bar, <b>30*</b> = 2.1 bar, <b>40*</b> = 2.8 bar, <b>50*</b> = 3.5 bar, <b>70*</b> = 4.8 bar

**Website** [hunterindustries.com](http://hunterindustries.com) | **Customer Support** +1 760-744-5240 | **Technical Service** +1 760-591-7383

Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

  
 Gregory R. Hunter, President of Hunter Industries