

*This valve is the perfect choice for high-pressure systems and dirty water conditions.*

## KEY BENEFITS

- Optional Filter Sentry™ Mechanism 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 maximises efficiency and prolongs the life of the system

## USER-INSTALLED OPTIONS

- Accu Sync™ Pressure Regulator at the valve\*
- DC-Latching Solenoid for battery-operated controllers (P/N 458200)
- Filter Sentry easily added to an installed valve

## FACTORY-INSTALLED OPTIONS

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

## OPERATING SPECIFICATIONS

- Flow:
  - ICV-101G: 0.03 to 9 m<sup>3</sup>/hr; 0.4 to 150 l/min
  - ICV-151G: 0.03 to 34 m<sup>3</sup>/hr; 0.4 to 568 l/min
  - ICV-201G: 0.03 to 45 m<sup>3</sup>/hr; 0.4 to 757 l/min
  - ICV-301: 0.03 to 68 m<sup>3</sup>/hr; 0.4 to 1,135 l/min
- Recommended pressure range: 1.5 to 15.0 bar; 150 to 1500 kPa
- Temperature rating: 66°C
- 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



**ICV-101G**  
 Inlet diameter: 1" (25 mm)  
 Height: 14 cm  
 Length: 12 cm  
 Width: 10 cm



**ICV-151G**  
 Inlet diameter: 1½" (40 mm)  
 Height: 18 cm  
 Length: 17 cm  
 Width: 14 cm



**ICV-201G**  
 Inlet diameter: 2" (50 mm)  
 Height: 18 cm  
 Length: 17 cm  
 Width: 14 cm



**ICV-301**  
 Inlet diameter: 3" (80 mm)  
 Height: 27 cm  
 Length: 22 cm  
 Width: 19 cm



**ICV-R**  
 Inlet diameter: 1" (25 mm), 1½" (40 mm), 2" (50 mm), and 3" (80 mm)  
 Height: 18 cm  
 Length: 17 cm  
 Width: 14 cm

**Double-Beaded Chlorine-Resistant Diaphragm**

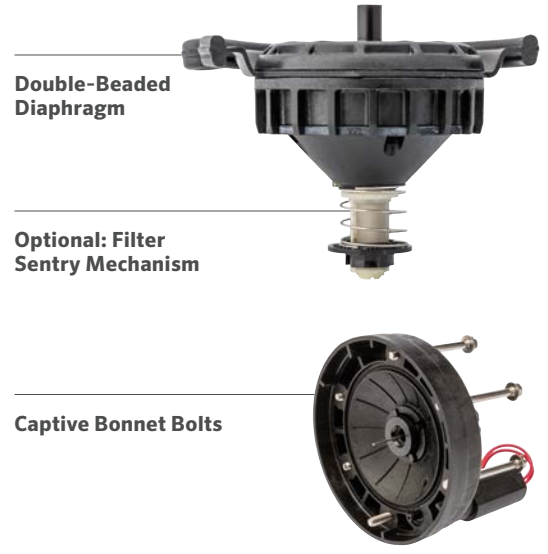


**Filter Sentry Mechanism**

**ICV 1", 1½", 2" AND 3" - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4**

1 Model	2 Standard Features	3 Feature Options	4 User-Installed Options
<b>ICV-101-G-B</b> = 1" (25 mm) BSP	Globe valve with flow control	<b>(blank)</b> = No option <b>R</b> = Filter Sentry purple reclaimed diaphragm and ID tag <b>DC</b> = DC-Latching Solenoid battery-operated controllers <b>LS</b> = Less solenoid	<b>AS-ADJ</b> = Accu Sync adjustable <b>458200</b> = DC-Latching Solenoid for battery-operated controllers <b>607105</b> = Reclaimed flow control handle (25, 40, 50 mm only) <b>LIT-700</b> = Reclaimed ID tag
<b>ICV-151-G-B</b> = 1½" (40 mm) BSP			
<b>ICV-201-G-B</b> = 2" (50 mm) BSP			
<b>ICV-301-B</b> = 3" (80 mm) BSP	Globe / Angle valve with flow control		

**Example:**  
**ICV-201G-B-AS-ADJ** = 2" (50 mm) BSP ICV globe valve with flow control, user-installed adjustable Accu Sync Pressure Regulator



**VALVES**

Flow m³/hr	1" (25 mm) Globe	1½" (40 mm) Globe	2" (50 mm) Globe	3" (80 mm) Globe	3" (80 mm) Angle
0.05	0.1				
0.1	0.1				
0.3	0.1				
1.0	0.2				
2.5	0.2				
3.5	0.2				
4.5	0.2	0.1			
7.0	0.4	0.1			
9.0	1.0	0.1	0.1		
11.0		0.2	0.1		
13.5		0.2	0.1		
17.0		0.3	0.1		
20.5		0.4	0.2		
23.0		0.5	0.3		
27.0		0.7	0.4		
30.5		0.9	0.5		
34.0		1.2	0.6	0.2	0.1
40.0			0.9	0.2	0.2
45.5			1.2	0.3	0.2
51.0				0.3	0.3
57.0				0.4	0.4
62.5				0.5	0.5
68.0				0.6	0.6

Flow l/min	1" (25 mm) Globe	1½" (40 mm) Globe	2" (50 mm) Globe	3" (80 mm) Globe	3" (80 mm) Angle
1	14				
2	14				
4	14				
20	17				
40	20				
60	20				
75	20	9.6			
115	62	10			
150	139	12	5.0		
190		15	7.0		
225		18	9.3		
280		26	14		
340		37	20		
380		46	26		
450		65	36		
510		84	47		
565		104	57	16	12
660			79	22	17
750			103	29	23
850				38	30
950				47	38
1,050				58	47
1,135				69	56



**AC Solenoid**  
 (P/N 606800)  
 Two red wires



**DC-Latching Solenoid**  
 (P/N 458200)  
 One black (common) wire and one red (station) wire