

Built of solid brass, this valve can power through the fiercest irrigation conditions.

KEY BENEFITS

- Factory-installed Filter Sentry™ Mechanism scours the filter screen in dirty water conditions
- External/internal manual bleed allows for quick and easy activation at the valve
- Heavy-duty brass 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
- 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)

FACTORY-INSTALLED OPTIONS

- DC: DC-Latching Solenoid for battery-operated controllers

OPERATING SPECIFICATIONS

- Flow rate:
 - IBV-101G-FS: 0.03 to 9 m³/hr; 0.4 to 150 l/min
 - IBV-151G-FS: 0.03 to 34 m³/hr; 0.4 to 568 l/min
 - IBV-201G-FS: 0.03 to 45 m³/hr; 0.4 to 757 l/min
 - IBV-301G-FS: 0.03 to 68 m³/hr; 0.4 to 1,135 l/min
- Recommended pressure range: 1.5 to 15 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



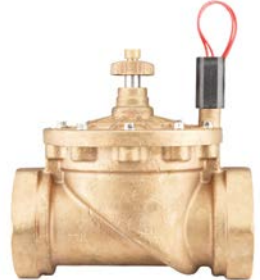
IBV-101G-FS
 Inlet diameter: 1" (25 mm)
 Height: 14 cm
 Length: 12 cm
 Width: 8 cm



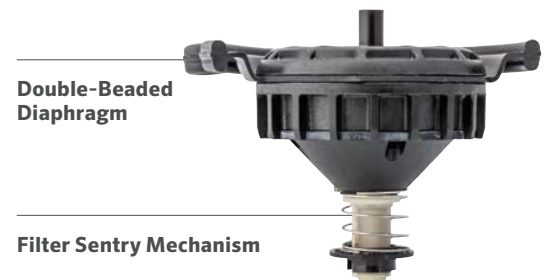
IBV-151G-FS
 Inlet diameter: 1½" (40 mm)
 Height: 17 cm
 Length: 15 cm
 Width: 15 cm



IBV-201G-FS
 Inlet diameter: 2" (50 mm)
 Height: 18 cm
 Length: 15 cm
 Width: 15 cm



IBV-301G-FS
 Inlet diameter: 3" (80 mm)
 Height: 23 cm
 Length: 22 cm
 Width: 18 cm



Double-Beaded Diaphragm

Filter Sentry Mechanism

IBV 1", 1½", 2" & 3" - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

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

Double-Beaded Chlorine-Resistant Diaphragm

Filter Sentry Mechanism



VALVES

Example:

IBV-201G-B-FS-AS-ADJ = 2" (50 mm) BSP IBV brass globe valve with flow control, Filter Sentry diaphragm, user-installed adjustable Accu Sync Pressure Regulator

IBV PRESSURE LOSS (AT OPTIMAL FLOWS) IN BAR

Flow m³/hr	1" (25 mm) Globe	1½" (40 mm) Globe	2" (50 mm) Globe	3" (80 mm) Globe
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	0.2	
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			0.6	0.2
40.0				0.2
45.5				0.3
51.0				0.3
57.0				0.4
62.5				0.5
68.0				0.6

IBV PRESSURE LOSS (AT OPTIMAL FLOWS) IN kPa

Flow l/min	1" (25 mm) Globe	1½" (40 mm) Globe	2" (50 mm) Globe	3" (80 mm) Globe
0.1	14			
0.5	14			
4	14			
20	17			
40	20			
60	20			
75	20	9.6		
115	62	10		
150	139	12	5	
190		15	7	
225		18	9.3	
280		26	14	
340		37	20	
380		46	26	
450		65	36	
510		84	47	
565			57	16
660				22
750				29
850				38
950				47
1,050				58
1,135				69