

IBV

Size: **1", 1½", 2", 3"**
Flow: **0.1 to 300 GPM**

FEATURES

- Factory-installed Filter Sentry™ diaphragm
- External and internal manual bleed allows quick and easy "at the valve" activation
- Double-beaded diaphragm seal design assures 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
- Low flow capability allows use of Hunter's micro irrigation products
- Encapsulated 24 VAC solenoid with captive plunger for hassle-free service
- Temperature rating: 150° F
- Warranty period: 5 years
- ▶ Heavy-duty flow control
- ▶ Accu-Sync® pressure regulation

OPERATING SPECIFICATIONS

- Flow:
 - IBV-101G-FS: 0.1 to 40 GPM
 - IBV-151G-FS: 20 to 150 GPM
 - IBV-201G-FS: 40 to 200 GPM
 - IBV-301G-FS: 150 to 300 GPM
- Recommended pressure range: 20 to 220 PSI

SOLENOID SPECIFICATIONS

- 24 VAC solenoid
- 350 mA inrush, 190 mA holding, 60 HZ
- 370 mA inrush, 210 mA holding, 50 HZ

FACTORY INSTALLED OPTIONS

- DC latching solenoid

USER INSTALLED OPTIONS

- Solenoid conduit cover (P/N 464322)
- DC latching solenoid (P/N 458200)
- Accu-Sync pressure regulator
- Reclaimed water ID tag (P/N 700392)

▶ = *Advanced Feature descriptions on page 71*



IBV-101G-FS

Inlet Diameter: 1"
Height: 4½"
Length: 3½"
Width: 5¼"



IBV-151G-FS

Inlet Diameter: 1½"
Height: 6¼"
Length: 5¼"
Width: 6"



IBV-201G-FS

Inlet Diameter: 2"
Height: 6"
Length: 5¼"
Width: 7"



IBV-301G-FS

Inlet Diameter: 3"
Height: 9"
Length: 9"
Width: 7¼"

Filter Sentry



IBV PRESSURE LOSS IN PSI

Flow GPM	1" Globe	1½" Globe	2" Globe	3" Globe
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	4.0	1.5		
40	7.0	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
175			13.3	3.0
200			17.7	4.1
225				5.3
250				6.7
275				8.3
300				10.1

Note:

Charts based on full-open flow control position

IBV - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Inlet/Outlet	3 Options (Factory Installed)	4 Options (User Installed)
IBV-101G-FS = 1" Globe valve IBV-151G-FS = 1½" Globe valve IBV-201G-FS = 2" Globe valve IBV-301G-FS = 3" Globe/Angle valve	(blank) = NPT threads	(blank) = No option DC = DC latching solenoid	(blank) = No option R = Reclaimed water ID tag CC = Solenoid conduit cover DC = DC latching solenoid AS-ADJ = Accu-Sync adjustable pressure regulator AS-xx* = Accu-Sync pressure regulator. 20 * = 20 PSI, 30 * = 30 PSI, 40 * = 40 PSI, 50 * = 50 PSI, 70 * = 70 PSI