

THE HIGH-END IBV BRASS VALVE WAS DESIGNED FOR THE RIGORS OF A COMMERCIAL SITE.

FEATURES

- Application: Commercial/municipal
- Sizes: 1", 1½", 2", 3"
- External and internal manual bleed allows quick and easy "at the valve" activation
- Double-beaded diaphragm seal design for superior leak-free performance
- Fabric reinforced EPDM diaphragm and EPDM seat ensure superior performance in all conditions
- DC latching solenoids enable Hunter's battery-powered controllers
- Captive bonnet bolts providing hassle-free valve maintenance
- 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

ADVANCED FEATURES

- Flow control
- Filter Sentry™
- Accu-Sync™ capable

OPERATING SPECS

1" Flow rate: 0.1 to 40 GPM

1½" Flow rate: 20 to 135 GPM

2" Flow rate: 40 to 150 GPM

3" Flow rate: 150 to 300 GPM

Recommended pressure range: 20 to 220 PSI

FACTORY INSTALLED OPTIONS

Valve without solenoid

DC latching solenoid

Filter Sentry

USER INSTALLED OPTIONS

Solenoid conduit cover (P/N 464322)

DC latching solenoid (P/N 45800)

Accu-Sync pressure regulator

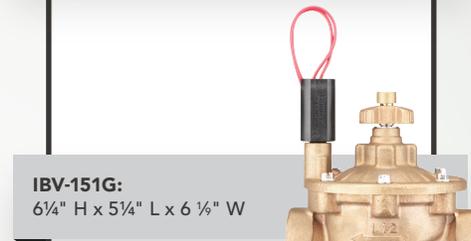
Reclaimed water ID (P/N 269205)

IBV Pressure Loss in PSI				
GPM	1"	1½"	2"	3"
0.1	2			
0.5	2			
1	2			
5	2.5			
10	3			
15	3			
20	3	1.5		
30	4	1.5		
40	7	1.7	0.8	
50		2.2	1.2	
60		3	1.7	
75		3.9	2.4	
90		5.5	3.2	
100		7	4.2	
120		10.9	6.5	
135		12.7	7.9	
150		16.2	9.8	2.5
175			13.3	3
200			17.7	4.1
225				5.3
250				6.7
275				8.3
300				10.1

Charts based on full-open flow control position



IBV-101G:
4½" H x 3¾" L x 5¼" W



IBV-151G:
6¼" H x 5¼" L x 6 ⅞" W



IBV-201G:
6 ⅞" H x 5¼" L x 6 ⅞" W



IBV-301G:
9 ⅞" H x 7¼" L x 9 ⅞" W

SPECIFICATIONBUILDER

www.hunterindustries.com/IBV

MODELS	INLET/OUTLET	OPTIONS FACTORY INSTALLED	OPTIONS USER INSTALLED
IBV-101G = 1" globe valve	(blank) = NPT threads B = BSP threads	(blank) = No option FS = Filter Sentry DC = DC latching solenoid LS = Valve without 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-20 = Accu-Sync 20 PSI pressure regulator AS-30 = Accu-Sync 30 PSI pressure regulator AS-40 = Accu-Sync 40 PSI pressure regulator AS-50 = Accu-Sync 50 PSI pressure regulator AS-70 = Accu-Sync 70 PSI pressure regulator
IBV-151G = 1½" globe valve			
IBV-201G = 2" globe valve			
IBV-301G = 3" globe valve			

EXAMPLES

IBV-101G	1" globe valve
IBV-151G - FS - R	1½" globe valve, NPT threads, Filter Sentry, and reclaimed water ID tag