

Brass Valve Drip Control Zone Kits

Heavy-duty control zone kits power through the fiercest irrigation conditions.

PRINCIPAUX AVANTAGES

- Highest-quality components
- Ability to handle extremely low flows, suitable for drip irrigation
- Filter Sentry® Mechanism screen cleaning system
- Wide flow range to cover most micro irrigation applications

IBZ-101-LF (LOW FLOW)

- Factory-installed Filter Sentry Mechanism
- Pressure regulation: 25 or 40 PSI
- Flow 0.5 to 15 GPM (30 to 900 GPH)
- Fits Multi-Purpose Box
- System operating pressure: up to 120 PSI
- Operating temperature: up to 120°F
- 150-mesh (100 microns) stainless steel screen
- 1" inlet and ¾" outlet
- Warranty: 5 Years



IBZ-101-LF (LOW-FLOW) KITS

GPM	Required Pressure for	
	25 PSI Outlet	40 PSI Outlet
0.5	35	41
1	35	43
5	36	47
10	37	52
15	40	55

IBZ-101

- Factory-installed Filter Sentry Mechanism
- Pressure regulation: 25 or 40 PSI
- Flow: 2 to 20 GPM (120 to 1,200 GPH)
- System operating pressure: up to 120 PSI
- Operating temperature: up to 120°F
- 150-mesh (100 microns) stainless steel screen
- 1" inlet and 1" outlet
- Warranty: 5 Years

IBZ-101 KITS

GPM	Required Pressure for	
	25 PSI Outlet	40 PSI Outlet
2	35	52

5	35	52
7	36	54
10	40	58
15	46	66
20	60	82

IBZ-151-XL

- Pressure regulation: 40 PSI
- Flow: 20 to 80 GPM
- Operating pressure: up to 120 PSI
- Operating temperature: up to 120°F
- Standard filter screen: 150-mesh (100 microns); SS
- Optional filter screens: 80-mesh (180 microns); 120-mesh (125 microns); SS
- Disc filter available: 120-mesh (125 microns)
- Warranty: 5 Years

IBZ-151 KITS

System Flow GPM Required Pressure for 40 PSI Outlet

20	45
30	50
40	50
50	50
60	60
70	60
80	65

IBZ-201-XL

- Pressure regulation: 40 PSI
- Flow: 20 to 100 GPM
- Operating pressure: up to 120 PSI
- Operating temperature: up to 120°F
- Standard filter screen: 150-mesh (100 microns); SS
- Optional filter screens: 80-mesh (180 microns); 120-mesh (125 microns); SS
- Disc filter available: 120-mesh (125 microns)
- Warranty: 5 Years

IBZ-201 KITS

System Flow GPM Required Pressure for 40 PSI Outlet

20	45
30	45
40	45
50	50
60	50
70	50
80	50
90	55
100	55

SOLENOID OPERATING SPECIFICATIONS

- Heavy-duty solenoid: 24 VAC
 - 350 mA inrush current, 190 mA holding current, 60 cycles
 - 370 mA inrush current, 210 mA holding current, 50 cycles
- Warranty period: 5 years

Note:

- Kit is assembled at site. Components ship loose to avoid transit damages.
- IBZ-151-40-XL assembly requires user supplied P/N: 439-251; 2" MPT x 1½" FPT PVC bushing.

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