

# 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**

<b>System Flow GPM</b>	<b>Required Pressure for 40 PSI Outlet</b>
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**

<b>System Flow GPM</b>	<b>Required Pressure for 40 PSI Outlet</b>
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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