

1" IBZ

This heavy-duty kit includes a brass valve and is offered in low-, medium-, and high-flow options for diverse system needs.

KEY BENEFITS

- Highest-quality components
- Ability to handle extremely low flows, suitable for drip irrigation
- Filter Sentry® Mechanism to keep the screen clear of debris
- Wide flow range to cover most micro irrigation applications
- Warranty period: 5 years

FACTORY-INSTALLED OPTIONS

- 25 or 40 PSI regulator

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

IBZ-101-LF

- 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

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



IBZ-101

Height: 6¾"
Width: 4"
Length: 13¾"
1" inlet x 1" outlet



IBZ-101-LF

Height: 7"
Width: 4"
Length: 10¼"
1" inlet x ¾" outlet

MICRO

IBZ-101 PRESSURE REQUIREMENTS BASED ON FLOW

| GPM | Required Pressure for 25 PSI Outlet | Required Pressure for 40 PSI Outlet |
|-----|-------------------------------------|-------------------------------------|
| 2 | 35 | 52 |
| 5 | 35 | 52 |
| 7 | 36 | 54 |
| 10 | 40 | 58 |
| 15 | 46 | 66 |
| 20 | 60 | 82 |

IBZ-101-LF (LOW-FLOW) PRESSURE REQUIREMENTS BASED ON FLOW

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

40 PSI pressure regulator may not be required if the dynamic pressure of an irrigation system is below 60 PSI.

25 PSI pressure regulator may not be required if the dynamic pressure of an irrigation system is below 45 PSI.

BRASS VALVE DRIP CONTROL ZONE KITS - SPECIFICATION BUILDER: ORDER 1 + 2

| 1 Model | 2 Options |
|---|------------------------------|
| IBZ-101 = 1" IBV Filter Sentry brass globe valve with 1" HY100 filter and regulator | 25 = 25 PSI regulator |
| IBZ-101-LF = 1" IBV Filter Sentry brass globe valve with 1" HFR-100-075 filter regulator | 40 = 40 PSI regulator |

Example:

IBZ-101-40 = 1" IBV Filter Sentry brass globe valve with 1" HY100 filter and regulator, and 1" outlet 40 PSI regulator

Note: Assembled at site. Kit components ship loose to avoid transit damages.