

Series RPZ Flomatic®

Reduced Pressure Zone Device

Size: DN15-DN50

Flomatic Reduced Pressure Zone Devices protect against backflow by either backpressure or backsiphonage from a cross-connection between potable water systems and substances that are nonhealthy and health hazards.

Features

- Bronze body construction for durability
- Internal by-pass passage (no external plumbing)
- Designed for easy and quick in-line maintenance and testing
- Low head loss
- Corrosion resistant

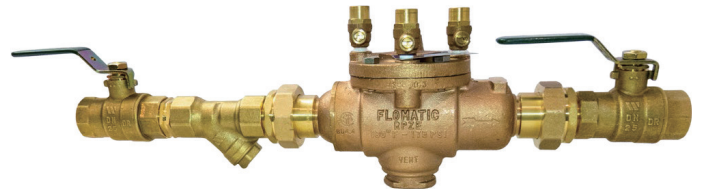
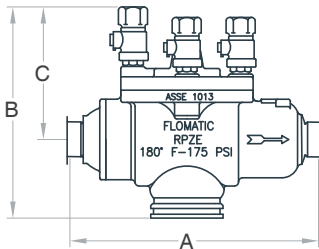
Pressure – Temperature

- Max. working temperature: 80°C
- Max. working pressure: 1200kPa (12bar)
- Hydrostatic Test Pressure: 2400kPa (24bar)
- Pipe connection: BSP Threaded

Material

| Component | Material |
|--------------|--------------------|
| Valve Body | Bronze |
| Access Cover | Bronze |
| Polymers | Noryl™, NSF Listed |
| Elastomers | Silicone |
| Springs | Stainless Steel |

Installation Dimensions



Specification

The Flomatic Reduced Pressure Zone Device is an economical and durable device that is the easiest on the market to maintain in-line. It consists of two mechanically independent, spring loaded, center stem guided check valves. It also has a hydraulically dependent differential pressure relief valve with the sensing passage set in an integral cast and bronze body, with a single access cover. The relief valve has a removable stainless steel seat ring. The check valves are held in place by stainless steel clips and the check valve assemblies are non-interchangeable with silicone discs.

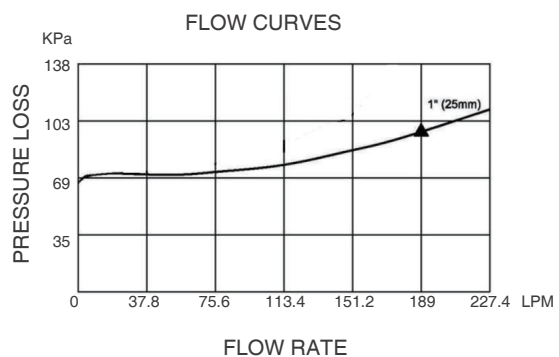
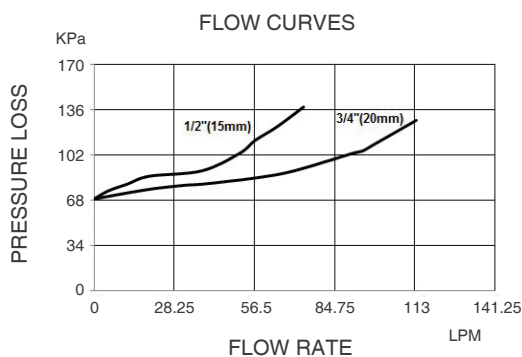
Approval

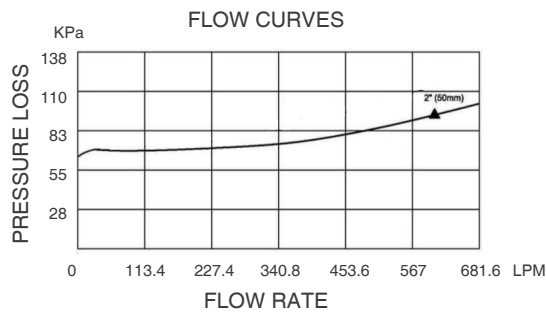
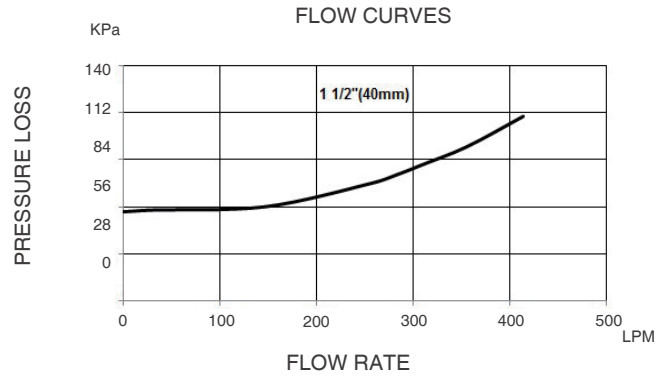
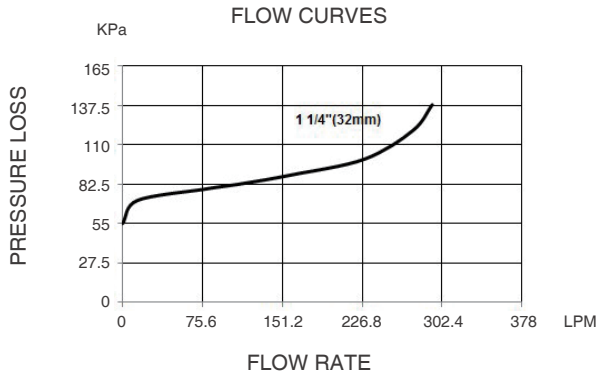
- WMK25926



| Size mm | A mm | B mm | C mm | Net Weigh for Device Only kg. |
|---------|------|------|------|-------------------------------|
| 15 | 140 | 144 | 92 | 1.46 |
| 20 | 140 | 144 | 92 | 1.47 |
| 25 | 203 | 156 | 96 | 3.25 |
| 32 | 229 | 184 | 105 | 4.3 |
| 40 | 267 | 202 | 114 | 5.78 |
| 50 | 317 | 222 | 125 | 9.5 |

Characteristic Curves





Typical Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500.1.

The device must be installed horizontally or warranty will be voided.

Fittings such as end connectors intended to join alternative pipe systems made from other materials (e.g. plastics) shall also conform to the relevant dimensional and performance requirements of the appropriate Australian, New Zealand, or joint Australian/New Zealand Standard for the alternative pipe system.

Test the assembly at initial installation, after servicing or maintenance to AS/NZS2845.3 and local regulatory authority requirements.

Product Codes

| Model NO. | Description |
|-------------|---|
| FLO-RPZ-015 | 15MM FLOMATIC RPZD BRONZE DEVICE ONLY M&F |
| FLO-RPZ-020 | 20MM FLOMATIC RPZD BRONZE DEVICE ONLY M&M |
| FLO-RPZ-025 | 25MM FLOMATIC RPZD BRONZE DEVICE ONLY M&M |
| FLO-RPZ-032 | 32MM FLOMATIC RPZD BRONZE DEVICE ONLY M&M |
| FLO-RPZ-040 | 40MM FLOMATIC RPZD BRONZE DEVICE ONLY M&M |
| FLO-RPZ-050 | 50MM FLOMATIC RPZD BRONZE DEVICE ONLY M&M |