

# Reduced Pressure Zone Device (RPZs) - 15mm-50mm Testable – High Hazard

Designed with ease of access in mind and with very few spare parts needed, the modular design makes MAG-BEECO valves the easiest and quickest valve to perform your mandatory yearly recertification on.

## APPLICATIONS

- For installation on potable water lines
- Protects against back siphonage and back pressure
- Maximum protection in **High Hazard** applications

## FEATURES AND BENEFITS

- Fewer parts needed – save money
- Servicing ability and commissioning is easy, simple and cost effective
- Easy Repair: Checks are designed with a unique thumb screw holding in the disc to allow for easy removal with a simple pair of pliers dramatically reducing part breakage during repair
- Ease of access means lower maintenance costs – saving time and money
- Single threaded cover enables quick access inside the valve
- Repair parts are modular - only takes two relief valve kits and three check repair kits to cover all sizes
- Entire valve can be fully serviced inline – lightweight short lay length modular design makes valve easy and quick to service
- Sizes: 15mm to 50mm device
- Body: Brass
- Noryl™ Replacement check valves
- Relief valve port independent of check valves
- Maximum working pressure: 1200kPa
- Maximum working temperature: 82°C
- Hydrostatic test pressure: 2400kPa
- 300 series stainless steel springs



## INSTALLATION

Unless otherwise specified, install device at a minimum of 300mm above adequate drain with sufficient clearance for testing and maintenance.

## SPECIFICATION SAMPLE

The RPZD shall be WaterMark approved rated at 82°C. The main body shall be all brass construction with Noryl™ replaceable check valves. The RPZD shall be MAG-BEECO.



**WaterMark**  
AS/NZS 2845.1  
Lic: WM 74542

Reduced Pressure Zone Device Model	Dimensions			MAG Product Code	
	Valve Size mm	A (Device only)	B (Device, Y Strainer and 2 Ball Valves)	Device Only	With Y Strainer and 2 Ball Valves
FRP-0.50LF - 15mm RPZ Device	15mm	169	346	B9315	B9315C
FRP-0.75LF - 20mm RPZ Device	20mm	169	346	B9320	B9320C
FRP-1.00LF - 25mm RPZ Device	25mm	201	413	B9325	B9325C
FRP-1.25LF - 32mm RPZ Device	32mm	230	488	B9332	B9332C
FRP-1.50LF - 40mm RPZ Device	40mm	228	516	B9340	B9340C
FRP-2.00LF - 50mm RPZ Device	50mm	272	615	B9350	B9350C

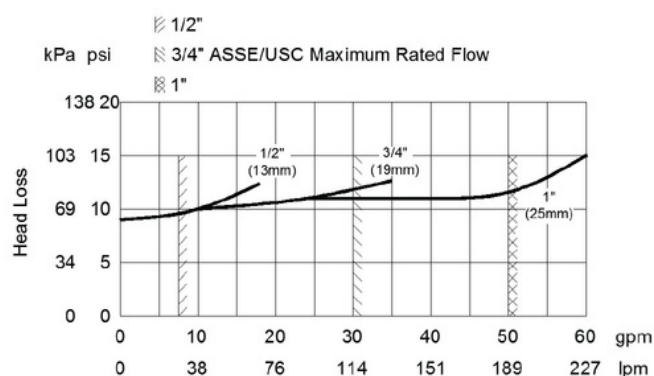


Figure 1 - Flow Rates FRP-0.50LF, FRP-0.75LF and FRP-1.00LF

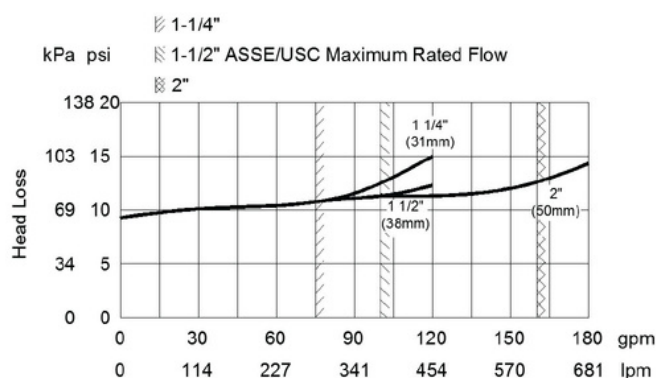


Figure 2- Flow Rates FRP-1.25LF, FRP-1.50LF and FRP-2.00LF