

Series LF009

LF009-EN-202304

Lead Free Reduced Pressure Zone Device

Size: DN15-DN50

Series LF009 Reduced Pressure Zone Devices are designed to protect potable water supplies in accordance with national plumbing codes and water authority requirements. This series can be used in a variety of installations, including the prevention of health hazard cross-connections in piping systems or for containment at the service line entrance.

This series features two in-line, independent check valves, captured springs and replaceable check seats with an intermediate relief valve. Its compact modular design facilitates easy maintenance and assembly access.

Features

- Compact, space saving design
- Lead free bronze body construction for durability
- Large body passages provides low pressure drop
- Top entry single access cover and modular check construction for ease of maintenance
- No special tools required for servicing
- Captured springs for safe maintenance
- Internal relief valve for reduced installation clearances
- Replaceable seats for economical repair
- Ball valve test cocks — screwdriver slotted

Pressure - Temperature

- Temperature Range: 0.5°C – 90°C
- Maximum Working Pressure: 1400kPa (14bar)

Material

Component	Material
Body/Cover	Lead free DR Bronze
Test Cock	DR Brass
Checks	Polymer
Check Seats (Replaceable)	Silicone Rubber Disc
Relief Valve Seats (Replaceable)	Stainless Steel
Cover Bolts	Stainless Steel

Models

- **LF009:** Lead Free Backflow Device only, DN15 to DN50

Installation Dimensions

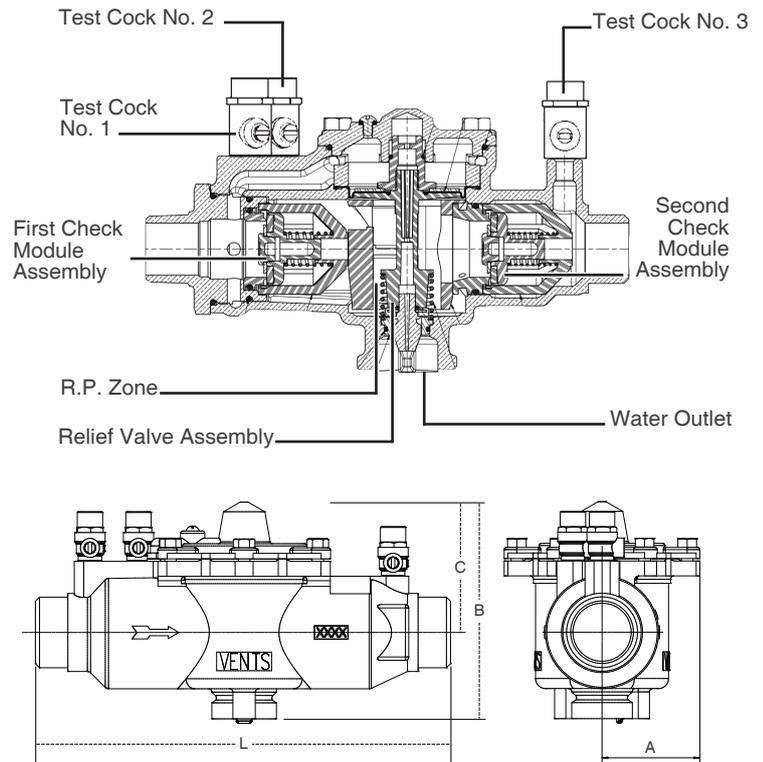
SIZE	Dimensions (approx.)			
	A	B	C	L
DN	mm	mm	mm	mm
15	52	117	86	137
20	39	127	89	168
25	43	140	76	235
32	68	197	89	287
40	68	197	89	283
50	68	197	114	240



Specification

- Design Standard: AS/NZS 2845.1
- Connection Standard: DN15-DN50: MxM BSP
- Working Medium: Non corrosive liquids

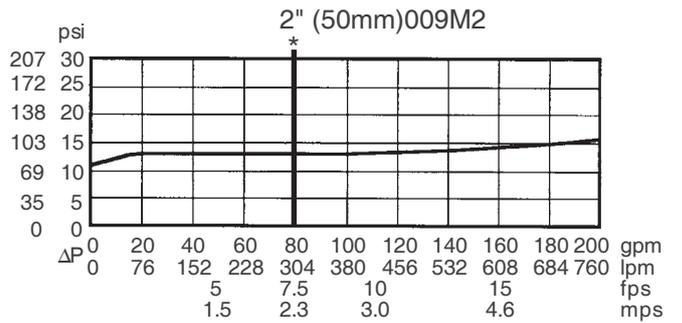
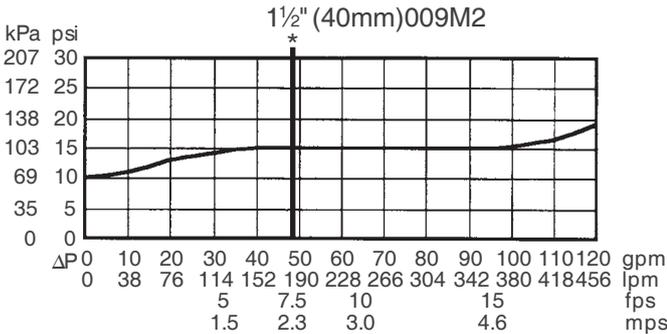
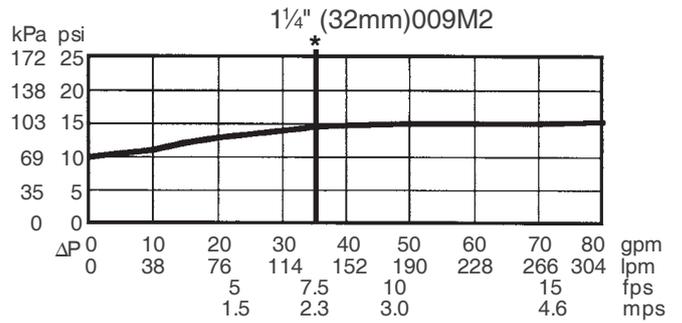
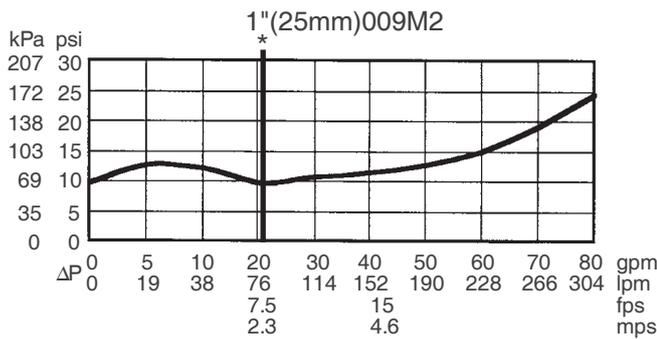
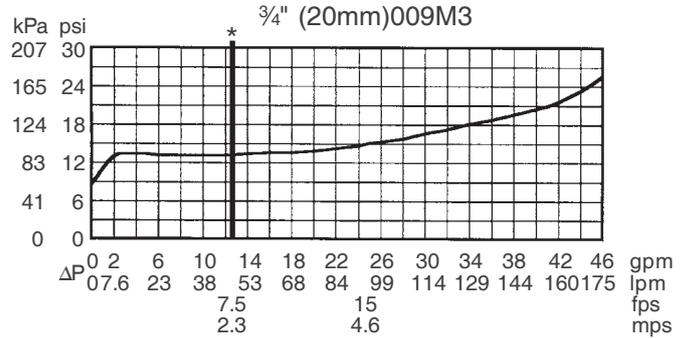
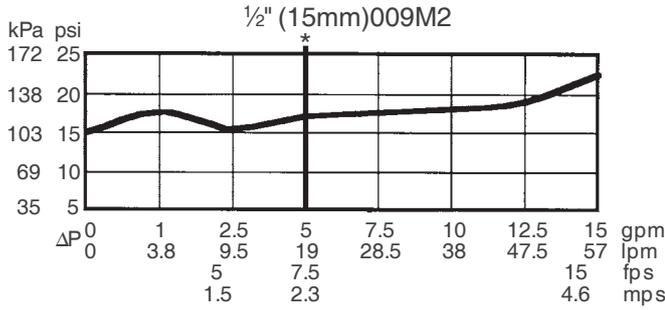
Approval



Characteristic Curves

Performance as established by an independent testing laboratory.

*Typical maximum system flow rate (7.5 feet/sec., 2.3 meters/sec.)



Note: US gpm