

Series LF009

Reduced Pressure Zone Assemblies

Size: DN8-DN50

Series LF009 Reduced Pressure Zone Assemblies are designed to protect potable water supplies in accordance with national plumbing codes and water authority requirements.

Features

- Single access cover and modular check construction for ease of maintenance
- Top entry – all internals immediately accessible
- Captured springs for safe maintenance
- Internal relief valve for reduced installation clearances
- Replaceable seats for economical repair
- Lead Free* cast copper silicon alloy body construction for durability
- Ball valve test cocks — screwdriver slotted
- Large body passages provide low pressure drop
- Compact, space saving design
- No special tools required for servicing

Pressure-Temperature

- Nominal Pressure: 175 psi (12.1 bar)
- Temperature Range: 0.5 °C ~82°C (8 – 50mm)

Test Pressure

Hydraulic
175psi

Material

Component	Material
Body	Cast Copper Silicon
Disc	Alloy
Trim	Silicone Rubber
Elastomers	Stainless Steel
Pins & Fasteners	EPDM, Buna-N,
Springs	Silicone
Test Cocks	Stainless Steel

Installation Dimensions

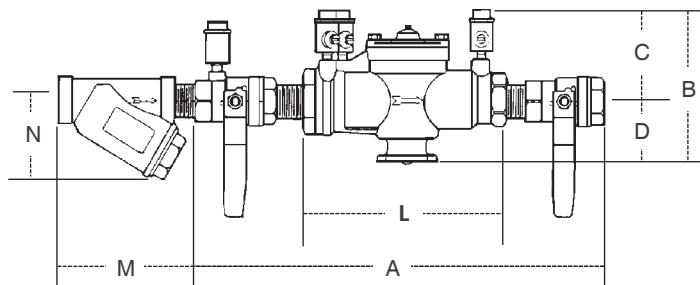
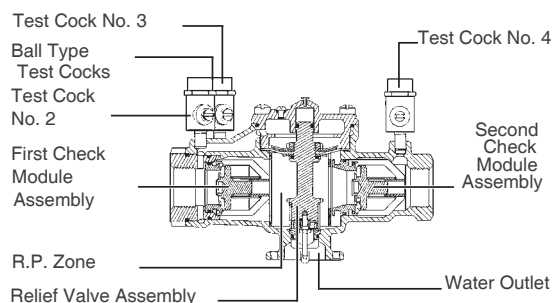
Size(DN)	Dimensions							Weight
	A	B	C	D	L	M	N	
in.	in.	in.	in.	in.	in.	in.	in.	lbs.
1/4	10	3 3/8	4 5/8	1 1/4	5 1/2	2 3/8	2 1/2	5
3/8	10	3 3/8	4 5/8	1 1/4	5 1/2	2 3/8	2 1/2	5
1/2	10	3 3/8	4 5/8	1 1/4	5 1/2	2 3/4	2 1/4	5
3/4	10 3/4	3 1/2	5	1 1/2	6 3/4	3 3/16	2 1/4	6
1	14 1/2	3	5 1/2	2 1/2	9 1/2	3 3/4	3	12
1 1/4	17 3/8	3 1/2	6	2 1/2	11 3/8	4 7/16	3 1/2	15
1 1/2	17 7/8	3 1/2	6	2 1/2	11 1/8	4 7/8	4	16
2	21 3/8	4 1/2	7 3/4	3 1/4	13 1/2	5 5/16	5	30



Specification

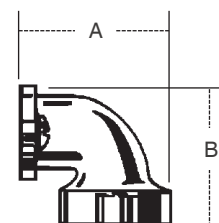
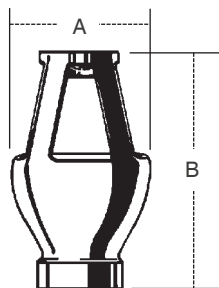
- Design Standard: ASSE 1013, CSA B64.4, IAPMO 1563
- Connection Standard: Threaded to ANSI B1.20.1
- Sizes 8 – 25mm shutoffs have tee handles.

Approvals



Air Gaps and Elbows

Model	for 909, 009 and 993 sizes	Drain Outlet		Dimensions				Weight	
		in.	mm	A in.	A mm	B in.	B mm	lbs.	kgs.
909AGA	1/4"-1/2" 009, 3/4" 009M2/M3	1/2	13	2 3/8	60	3 1/8	79	0.625	0.28
909AGC	3/4"-1" 009/909, 1"-1 1/2" 009M2	1	25		83	4 7/8	124	1.5	0.68
909AGF	1 1/4"-2" 009M1, 1 1/4"-3" 009/909, 2" 009M2, 4"-6" 993	2	51	4 3/8	111	6 3/4	171	3.25	1.47
909AGK	4"-6" 909, 8"-10" 909M1	3	76	6 3/8	162	9 5/8	244	6.25	2.83
909AGM	8"-10" 909	4	102	7 3/8	187	11 1/4	286	15.5	7.03
909ELA	1/4"-1/4" 009, 3/4" 009M2/M3	-	-	-	-	-	-	-	-
909ELC	3/4"-1" 009/909	-	-	2 3/8	60	2 3/8	60	0.38	0.17
*909ELF	1 1/4"-2" 009M1, 1 1/4"-2" 009/909, 2" 009M2, 4"-6" 993	-	-	3 3/8	92	3 3/8	92	2	0.91
*909ELH	2 1/2"-3" 009/909	-	-	-	-	-	-	-	-



Characteristic Curves

