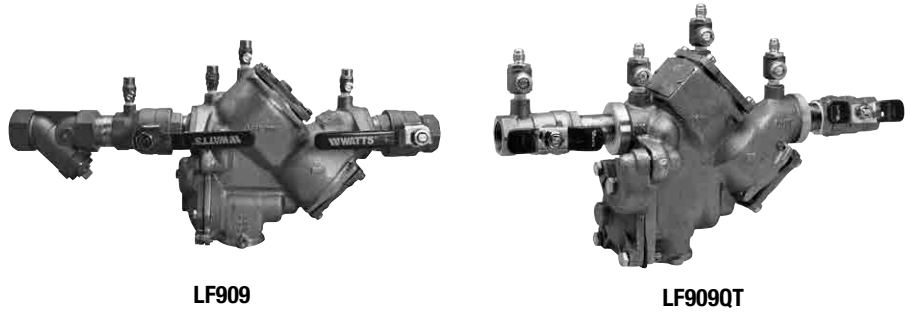


Series LF909

Reduced Pressure Zone Assemblies

LF909 Sizes: 3/4", 1" (20, 22mm) / LF909M1 Sizes: 1 1/4", 1 1/2", 2" (32, 40, 50mm)



LF909

LF909QT

Features

- Modular design
- Replaceable seats
- Compact for installation ease
- Horizontal or vertical (up or down) installation
- No special tools required for servicing

Pressure-Temperature

Temperature Range: 33°F – 140°F
(0.5°C – 60°C) continuous
180°F (82°C) intermittent
Maximum Working Pressure: 175psi
(12.1 bar)

Series LF909HW

Temperature Range: 33°F – 210°F
(0.5°C – 99°C)
Maximum Working Pressure: 175psi
(12.1 bar)

Approvals

Listed by IAPMO
Listed by SBCCI



‡Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California.

Horizontal and vertical "flow-up" approval on 3/4" and 1" sizes (model LF909QT)

LF909

LEAD FREE

Series LF909 Reduced Pressure Zone Assemblies are designed to provide superior cross-connection control protection of the potable water supply in accordance with national plumbing codes and containment control for water authority requirements. This series can be utilized in a variety of installations, including health hazard cross-connections in plumbing systems or for containment at the service line entrance. The LF909 features Lead Free* construction to comply with Lead Free* installation requirements. Model LF909QT, standardly furnished with full port, resilient seated and Lead Free* cast copper silicon alloy ball valve shutoffs. Sizes 3/4" and 1" shutoffs have tee handles.

Materials

- Body: Lead Free* Cast Copper Silicon Alloy
- Check Seats: 909 Celcon®
- Relief Valve Seats: Stainless Steel 909HW
- Test Cocks: Lead Free* Cast Copper Silicon Alloy

Models

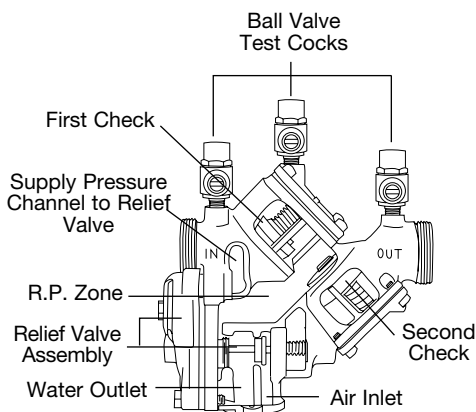
Suffix:

QT — Quarter-turn ball valves

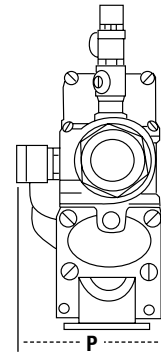
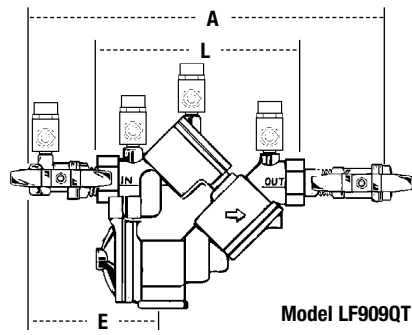
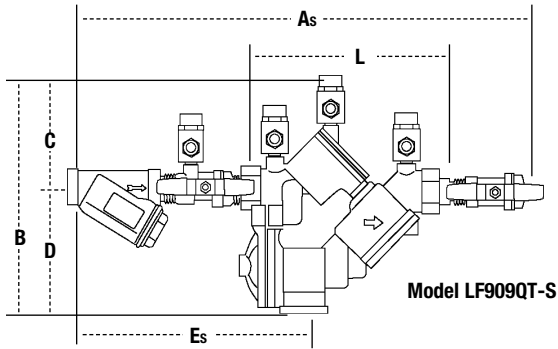
S – Bronze strainer

HW –Stainless steel check modules for hot and harsh water conditions

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.



Dimensions – Weights



LF909QT, LF909QT-S

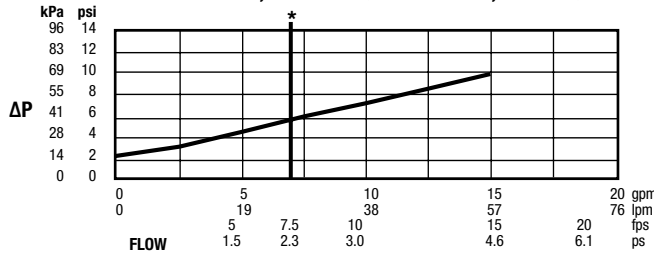
SIZE	DIMENSIONS												WEIGHT									
	A		A _s		B		C		D		E		E _s		L		P		QT		QT-S	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
3/4"	14 3/8	365	18 1/16	459	8 3/4	222	4	102	4 3/4	121	6 3/4	171	10 3/16	259	7 5/16	186	3 7/8	98	14	6.4	15.6	7.1
1"	15 3/8	391	19 5/8	498	8 3/4	222	4	102	4 3/4	121	7	178	11	279	7 5/16	186	3 7/8	98	15	6.8	17.5	7.9
1 1/4" M1	18 1/2	470	23 7/16	595	11 5/8	295	5 1/2	140	6 1/2	165	7 1/2	191	12 3/16	310	10 3/8	264	5 1/4	133	40	18.1	42.8	19.4
1 1/2" M1	19	483	24 3/8	619	11 5/8	295	5 1/2	140	6 1/2	165	7 1/2	191	12 5/8	321	10 3/8	264	5 1/4	133	40	18.1	44.0	20.0
2" M1	19 1/2	495	25 15/16	659	11 5/8	295	5 1/2	140	6 1/2	165	7 3/4	197	13 15/16	354	10 3/8	264	5 1/4	133	40	18.1	47.4	21.5

Subscript 'S' = strainer model

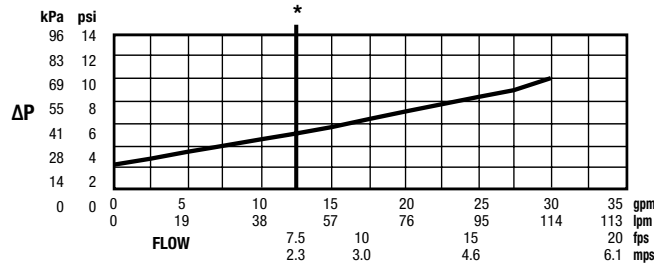
Flow Charts

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

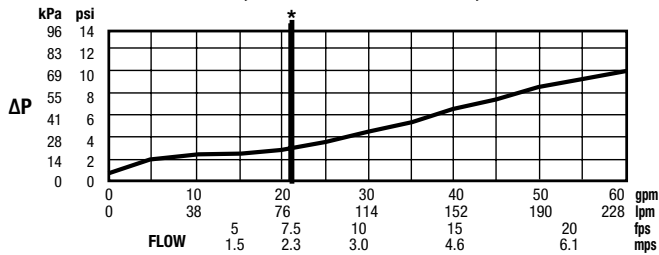
1/2" LF800M4FR, LF800M4QT / 800M4FR, 800M4QT



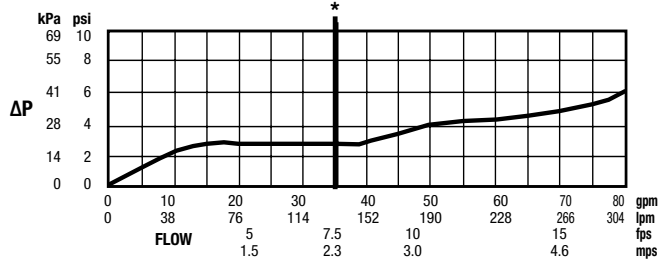
3/4" LF800M4FR, LF800M4QT / 800M4FR, 800M4QT



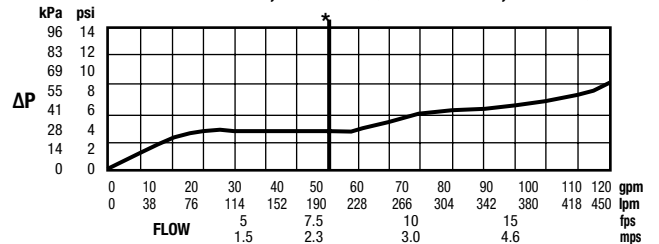
1" LF800M4FR, LF800M4QT / 800M4FR, 800M4QT



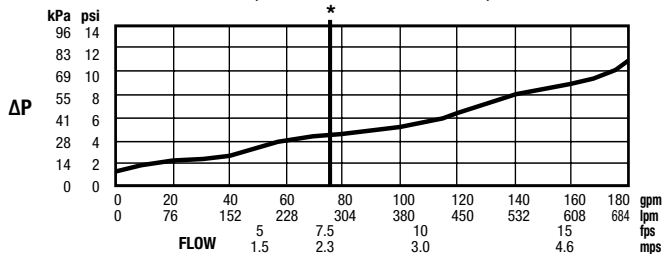
1 1/4" LF800M4FR, LF800M4QT / 800M4FR, 800M4QT



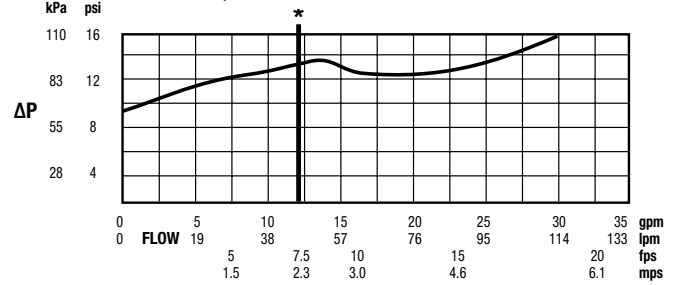
1 1/2" LF800M4FR, LF800M4QT / 800M4FR, 800M4QT



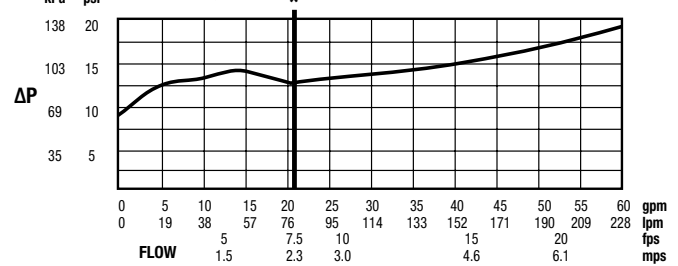
2" LF800M4FR, LF800M4QT / 800M4FR, 800M4QT



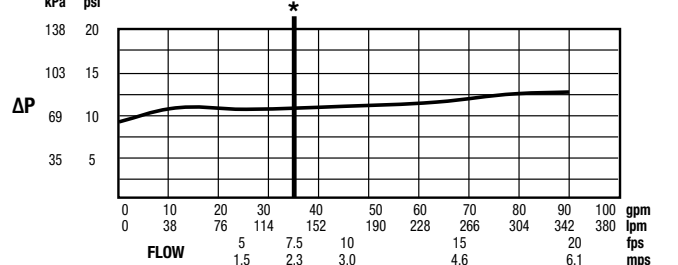
3/4" LF909QT



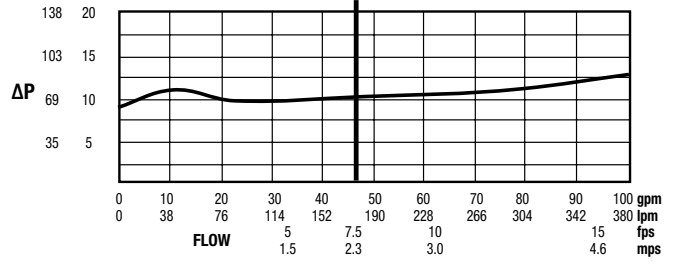
1" LF909QT



1 1/4" LF909M1QT



1 1/2" LF909M1QT



2" LF909M1QT

