Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

LEAD FREE*

Series LF719

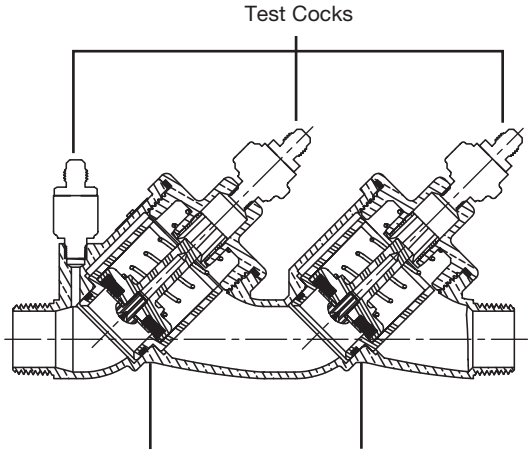
Double Check Valve Assemblies

Sizes: ½" – 2" (15 – 50mm)

Series LF719 Double Check Valve Assemblies are designed to protect drinking water supplies from dangerous cross-connections in accordance with national plumbing codes and water authority requirements.

This series may be used in only those cross-connections identified by local inspection authorities as non-health hazard applications. Check with local authority having jurisdiction regarding vertical orientation, frequency of testing or other installation requirements. The LF719 features Lead Free* construction to comply with Lead Free* installation requirements. Series LF719 meets the requirements of ASSE Std. 1015 and AWWA Std. C510.

LF719QT



Features

- Manufactured from Lead Free* cast copper silicon alloy
- Separate access, top entry check valve design
- Reversible seat disc rubber, extends check valve life
- Chloramine resistant elastomers
- Replaceable seats and seat discs
- Compact design
- Top mounted screwdriver slotted ball valve test cocks
- Low pressure drop
- ½" – 1" (15 – 25mm) have Tee handles
- No special tools required for servicing
- Plastic on plastic check guiding reduces potential binding due to mineral deposits

Now Available
WattsBox Insulated Enclosures.
For more information, refer to literature ES-WB.

Specifications

Series LF719 Double Check Valve Assembly shall be installed at each noted location. Provide assembly with integral shutoff valves that conform to ASSE 1015 and AWWA C510. The assembly shall have top entry access points for each check assembly, screw driver slotted test cocks and require the use of no special tools for servicing. All wetted rubber parts shall be manufactured from silicone or chloramine resistant EPDM rubber. The Lead Free* Double Check Valve Assemblies shall comply with state codes and standards, where applicable, requiring reduced lead content. All valve seats and seat discs shall be replaceable. Seat discs shall be reversible to extend check valve life. Check valve guiding shall be plastic to plastic. The assembly shall be a Watts Series LF719.

NOTICE

Inquire with governing authorities for local installation requirements

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

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

WATTS®

Available Models

Suffix:

S – bronze strainer

QT – quarter-turn ball valves

Pressure-Temperature

Operating Pressure: 175psi (12.1 bar)

Operating Temperature Range: 33˚F – 180˚F (0.5˚C – 82˚C)

Materials

Body:	Lead Free* cast copper silicon alloy
Elastomers:	Chloramine resistant silicone and EPDM
Check Seats:	PPO
Disc Holders:	PPO

Standards

AWWA Std C510 compliant

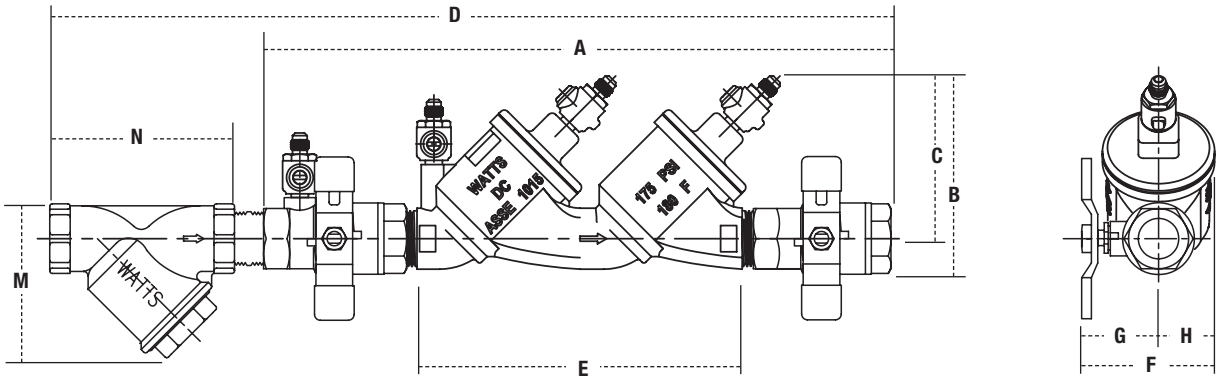
Approvals

1015

¾"-2" LF

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

Dimensions/Weights



LF719QT, LF719QT-S

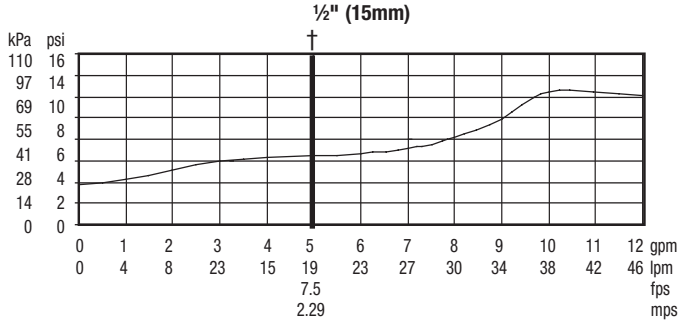
SIZE (DN)		DIMENSIONS																STRAINER				WEIGHT			
		A		B		C		D		E(LF)		F		G		H		M		N		719QT		719QT-S	
in.	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kgs.*	*lbs.*	*kgs.*
1/2	15	9 9/16	242	3 11/16	94	2 15/16	73	12 9/16	318	5 13/16	147	2 7/16	62	1 11/16	43	3/4	19	1 3/8	35	2 3/4	70	2.8	1.3	3.8	1.7
3/4	20	12 1/8	307	4 1/4	108	3 1/2	88	15 7/16	393	7 11/16	195	3 1/8	79	2 1/16	52	1 1/16	27	1 5/8	41	3 3/16	81	4.7	2.1	6.4	2.9
1	25	14 13/16	376	4 9/16	116	3 7/8	98	19 1/2	495	9 5/8	244	3 3/4	95	2 7/16	62	1 5/16	33	2 1/8	54	3 3/4	95	7.4	3.4	9.4	4.3
1 1/4	32	18 15/16	480	6 1/8	156	5 1/8	129	24 1/16	610	11 11/16	297	4 1/4	108	2 5/8	67	1 5/8	41	2 1/2	64	4 7/16	113	14.0	6.3	18.0	8.1
1 1/2	40	18 15/16	480	6 1/8	156	5 1/8	129	25 1/4	640	11 11/16	297	4 3/4	121	3 1/8	79	1 5/8	41	3	76	4 7/8	124	16.1	7.3	19.9	9.0
2	50	21 3/16	538	7 1/16	179	5 5/8	142	28 15/16	735	13 3/8	340	5 3/8	137	3 7/16	87	1 15/16	49	3 9/16	90	5 15/16	151	25.7	11.6	33.4	15.2

Capacities

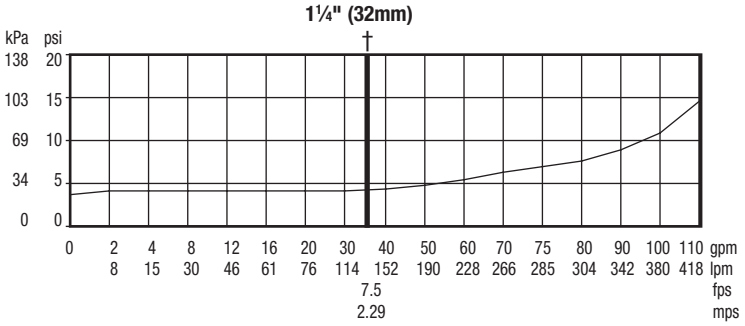
† Typical maximum flow rate (7.5 feet/sec.)

QT

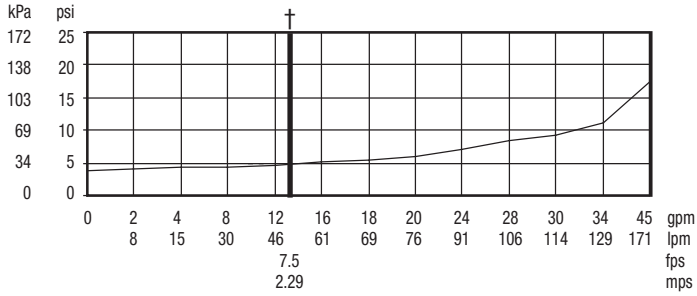
½" (15mm)



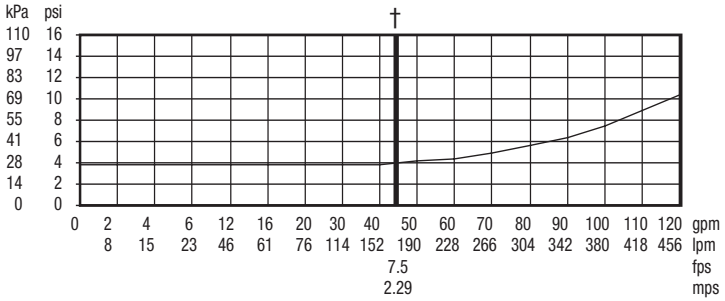
1¼" (32mm)



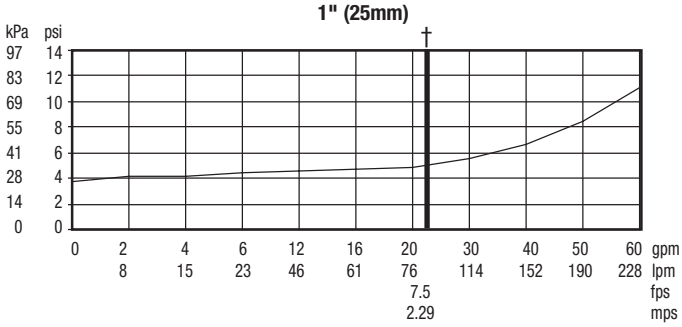
¾" (20mm)



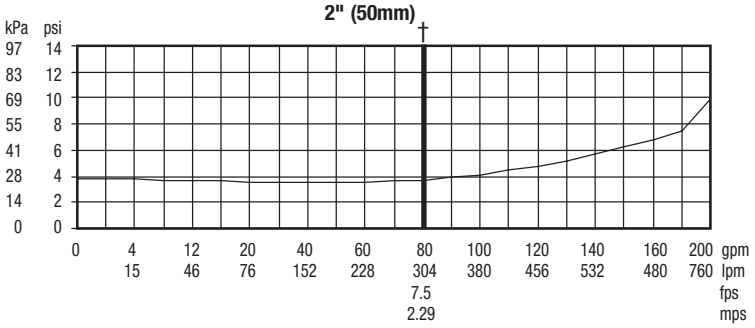
1½" (40mm)



1" (25mm)



2" (50mm)



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