For Non-Health Hazard Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

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

Approval _____ Representative _____

LEAD FREE*

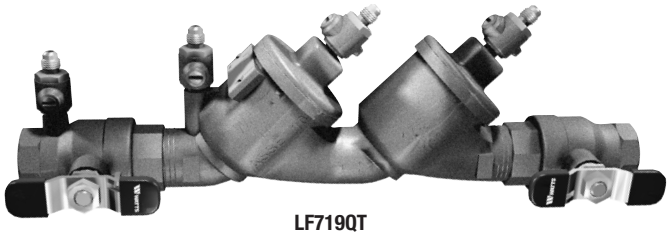
Series LF719

Double Check Valve Assemblies

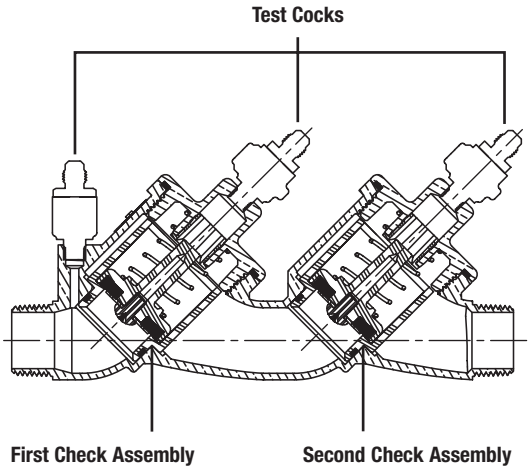
Sizes: ½" – 2" (15 – 50mm)

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* bronze 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

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.

Now Available
WattsBox Insulated Enclosures.
For more information, send for literature ES-WB.

IMPORTANT: *INQUIRE WITH GOVERNING AUTHORITIES FOR LOCAL INSTALLATION REQUIREMENTS*

***The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.**

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

WATTS®

Available Models

Suffix:

S – bronze strainer
LF – without shutoff valves
LH – locking handle ball valves
SH – stainless steel ball valve handles
QT – quarter-turn ball valves
C&T – testcock caps and tethers

Pressure-Temperature

Operating Pressure: 175psi (12.1 bar)
Operating Temperature Range: 33˚F – 180˚F (0.5˚C – 82˚C)

Materials

Body:	Lead Free* Bronze
Elastomers:	Chloramine resistant silicone and EPDM
Check Seats:	PPO
Disc Holders:	PPO

Standards

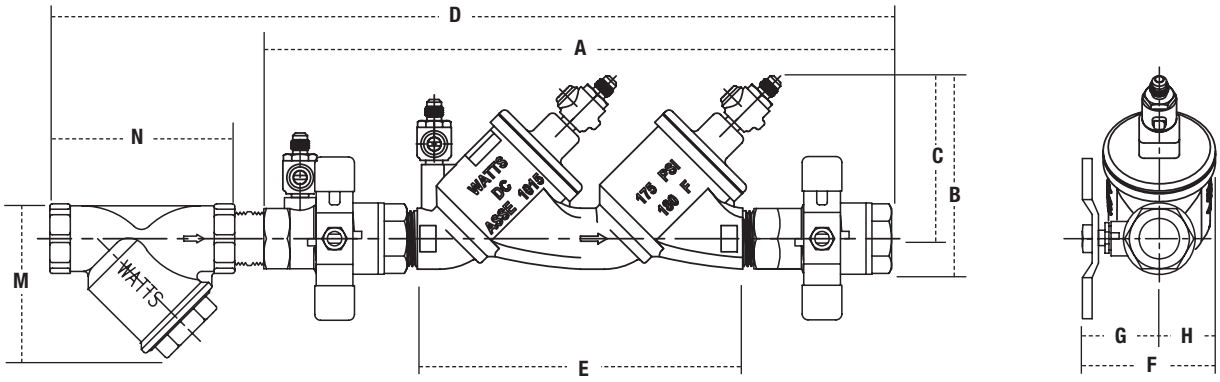
AWWA Std C510 compliant

Approvals

1015

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

Dimensions/Weights



LF719QT, LF719QT-S

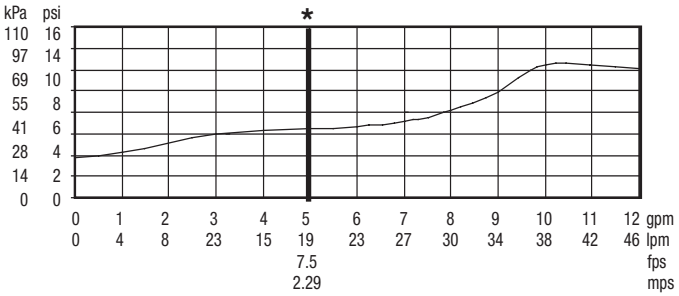
SIZE (DN)		DIMENSIONS																		STRAINER DIMENSIONS				WEIGHT			
		A		B		C		D		E(LF)		F		G		H		M		N		719QT		719QT-S	
in.	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kgs.*	*lbs.*	*kgs.*
1/2	15	9 9/16	242	3 11/16	94	2 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

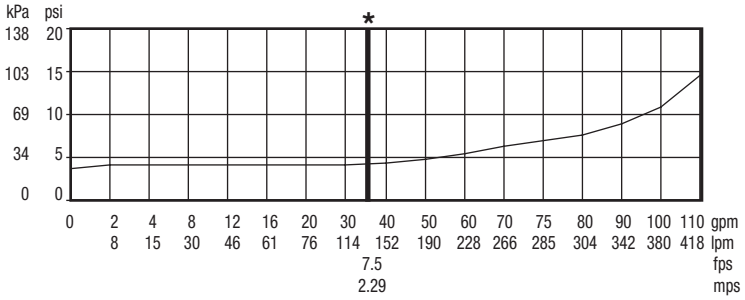
* Typical maximum flow rate (7.5 feet/sec.)

QT

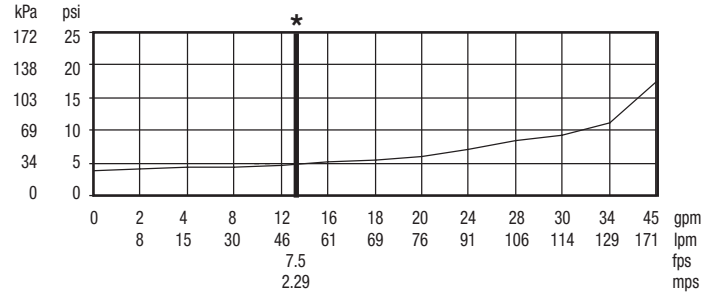
½" (15mm)



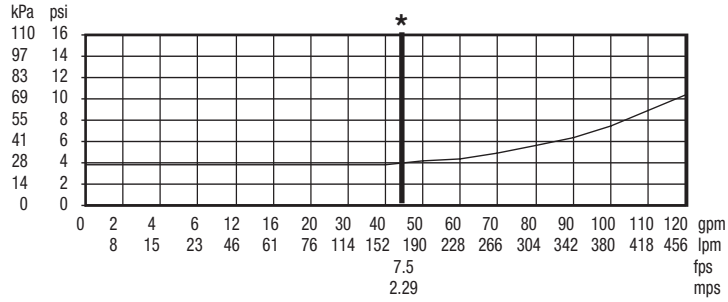
1¼" (32mm)



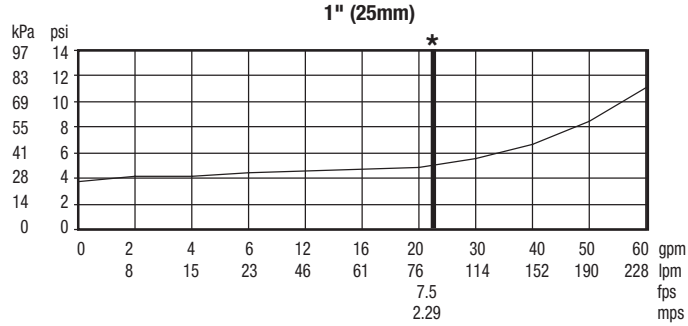
¾" (20mm)



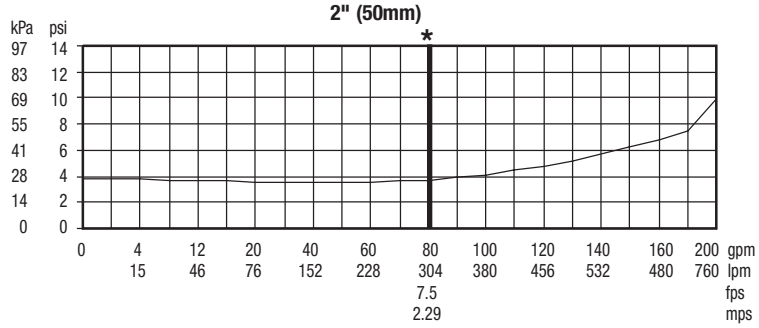
1½" (40mm)



1" (25mm)



2" (50mm)



© 2009 Watts