

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Series 719 Double Check Valve Assemblies

Sizes: ½" – 2" (15 – 50mm)

Series 719 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.

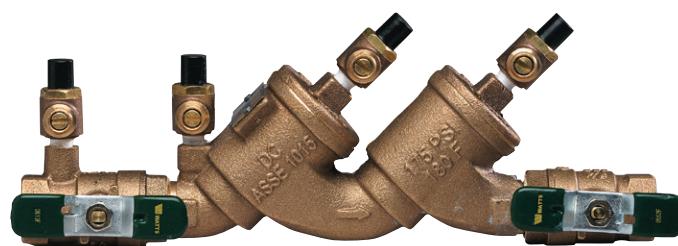
This series may be used in only those cross-connections identified by local inspection authorities as non-health hazard applications. Check with local authority having jurisdiction regarding vertical orientation, frequency of testing or other installation requirements. Series 719 meets the requirements of ASSE Std. 1015 and AWWA Std. C510.

Features

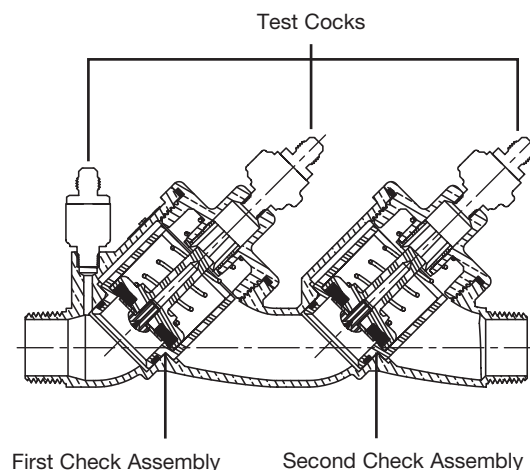
- Manufactured from bronze alloy
- Separate access, top entry check valve design
- Reversible seat disc rubber, extends check valve life
- Chloramine resistant elastomers
- Replaceable seats and seat discs
- Compact design
- Top mounted screwdriver slotted ball valve test cocks
- Low pressure drop
- 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 719 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 bronze covered 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. 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 719.



719QT



Now Available
WattsBox Insulated Enclosures.

For more information, refer to literature ES-WB.

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.**

Available Models

Suffix:

- S – bronze strainer
- LF – without shutoff valves
- SH – stainless steel ball valve handles
- HC – 2½" (65mm) inlet/outlet fire hydrant fittings for 2" (50mm) valve
- QT – quarter-turn ball valves
- C&T – testcock caps and tethers
- AQT – street elbows with quarter-turn ball valves

Prefix:

- U – union connections

Pressure-Temperature

Operating Pressure: 175psi (12.1 bar)

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

Materials

- Body: Bronze
- Elastomers: Chloramine resistant silicone and EPDM
- Check Seats: Engineered Plastic
- Disc Holders: Engineered Plastic

Standards

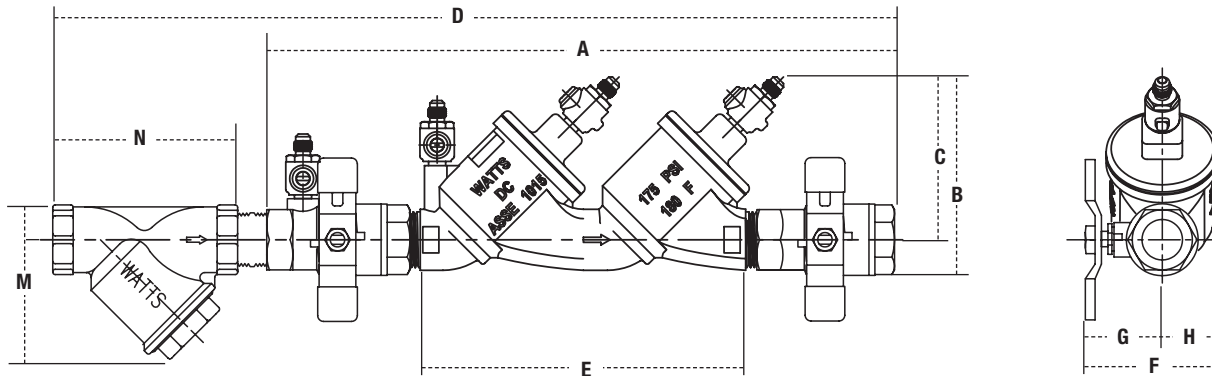
AWWA Std C510 compliant

Approvals



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

Dimensions/Weights



719QT, 719QT-S

SIZE (DN)		DIMENSIONS				STRAINER DIMENSIONS						WEIGHT													
in.	mm	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	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