

# WATTS

## 719/ LF719/ 719R10/ 719R15

### SIZE

1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

### DESCRIPTION

This is a double check assembly. Production began in 2003. This has a poppet style check valve. Check covers unscrew from the top of the body. The spring is not contained when the cover is removed. The body is made from a bronze alloy. In 2009 a LF model was produced with lead free bronze. The R10 and R15 designation refers to models that used one size body to fit several smaller sizes by putting on smaller ball valve shut-offs on the end (e.g. 719R10 1/2" & 3/4" use 719 1" body).

### BASIC REPAIR KIT

The repair kit contains discs and O-rings.

<u>SIZE</u>	<u>719 KIT NO</u>	<u>719R10 KIT NO</u>	<u>719R15KIT NO</u>
1/2"	719-RT050	719R10-RT050	
3/4"	719-RT075	719R10-RT050	
1"	719-RT100		
1 1/4"-1 1/2"	719-RT125		719R15-RT150
2"	719-RT200		

### IMPORTANT FEATURES

- ~Poppet style check
- ~Bronze body
- ~Factory repair information enclosed



### 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
- 1/2" - 1" (15 - 25mm) have Tee handles
- No special tools required for servicing
- Plastic on plastic check guiding reduces potential binding due to mineral deposits

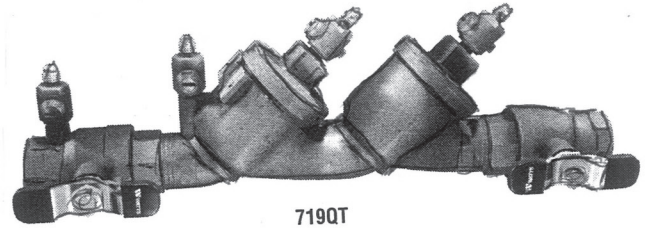
### Materials

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

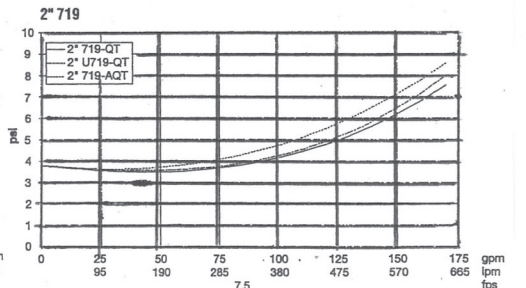
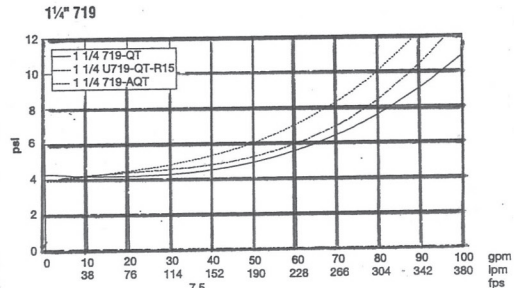
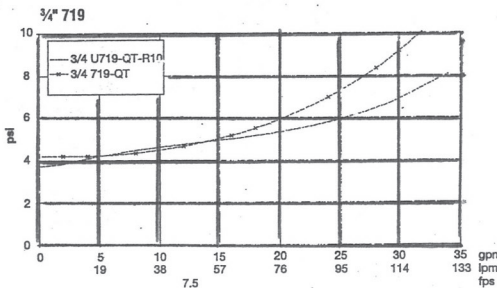
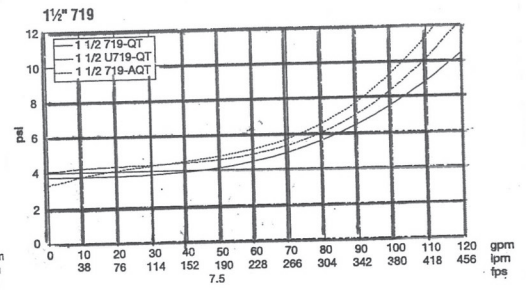
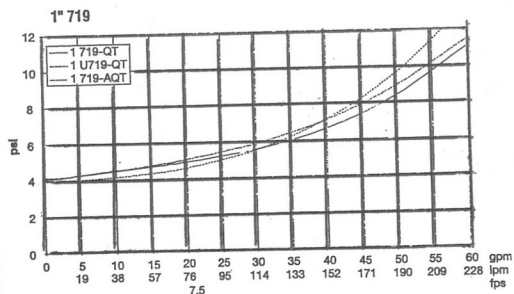
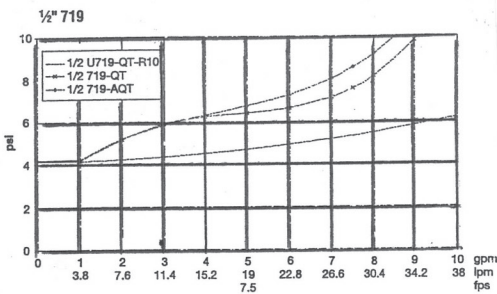
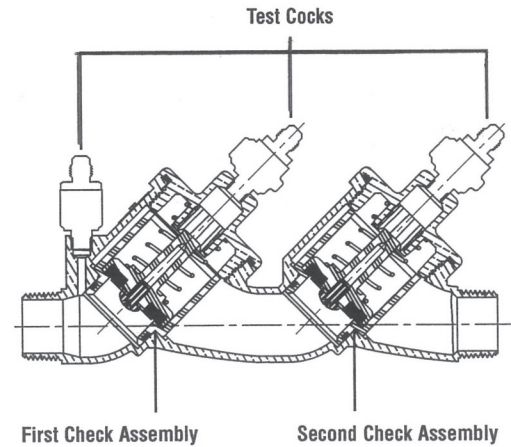
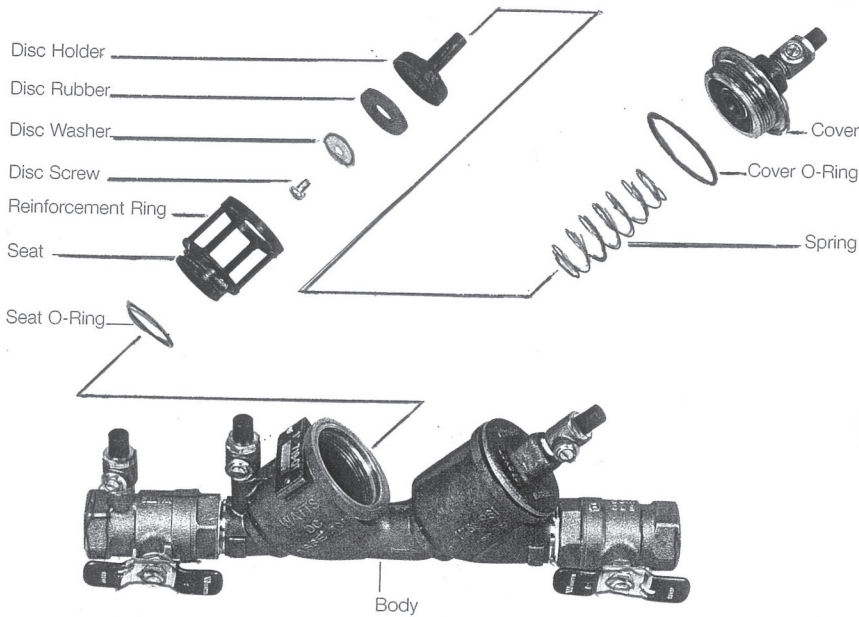
### Pressure-Temperature

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

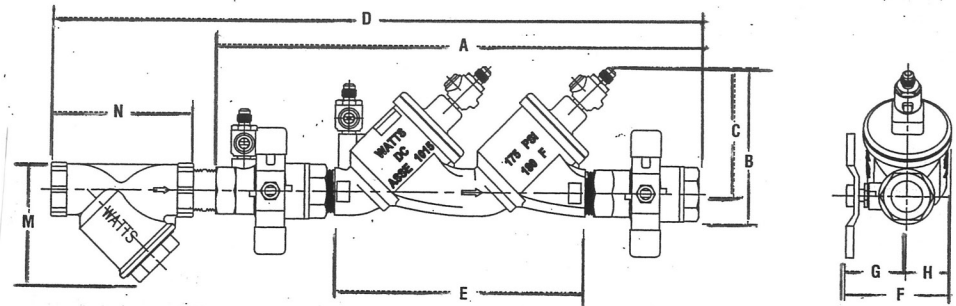
Sizes: 1/2" - 2" (15 - 50mm)



719QT



# Dimensions/Weights

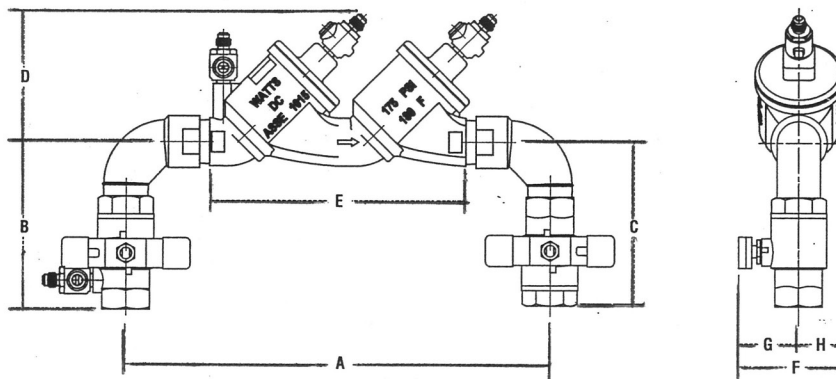


## 719QT MODELS

MODEL	SIZE	DIMENSIONS											WEIGHT										
		A		B		C		D		E(LF)		F		G		H		M		N		lbs.	kgs.
	in. mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
719-QT	1/2 15	9 7/8	251	3 11/16	94	2 15/16	75	-	-	5 3/4	147	2 1/2	63	1 11/16	43	3/4	20	2 3/4	70	2 1/4	57	2.84	1.29
719-QT	3/4 20	12 3/8	314	4 1/4	108	3 1/2	90	-	-	7 7/8	200	3 1/8	80	2 1/16	53	1 1/16	27	3 3/16	81	2 3/4	70	4.66	2.11
719-QT	1 25	14 13/16	376	4 9/16	116	3 3/4	98	-	-	9 5/8	244	3 3/16	96	2 7/16	63	1 5/16	34	3 3/4	95	3	76	7.44	3.37
719-QT	1 1/4 32	18 7/8	480	6 1/8	155	5 1/16	129	-	-	11 11/16	297	4 1/4	108	2 5/8	67	1 5/8	41	4 7/16	113	3 1/2	89	13.96	6.33
719-QT	1 1/2 40	18 7/8	480	6 1/8	155	5 1/16	129	-	-	11 11/16	297	4 3/4	120	3 3/8	79	1 5/8	41	4 7/8	124	4	102	16.12	7.31
719-QT	2 50	19 1/2	495	7 1/16	179	5 3/16	147	-	-	13 3/8	340	5 5/16	136	3 3/16	87	1 15/16	49	5 5/16	151	5	127	25.66	11.64
719-QT-S	1/2 15	9 7/8	251	3 11/16	94	2 15/16	75	12 1/2	312	5 3/4	147	2 1/2	63	1 11/16	43	3/4	20	2 3/4	70	2 1/4	57	3.84	1.74
719-QT-S	3/4 20	12 3/8	314	4 1/4	108	3 1/2	90	15 1/2	394	7 7/8	200	3 3/8	80	2 1/16	53	1 1/16	27	3 3/16	81	2 3/4	70	6.41	2.91
719-QT-S	1 25	14 13/16	376	4 9/16	116	3 3/4	98	18 3/16	462	9 5/8	244	3 3/16	96	2 7/16	63	1 5/16	34	3 3/4	95	3	76	9.44	4.28
719-QT-S	1 1/4 32	18 7/8	480	6 1/8	155	5 1/16	129	22 3/4	578	11 11/16	297	4 1/4	108	2 5/8	67	1 5/8	41	4 7/16	113	3 1/2	89	17.96	8.15
719-QT-S	1 1/2 40	18 7/8	480	6 1/8	155	5 1/16	129	23 3/4	591	11 11/16	297	4 3/4	120	3 3/8	79	1 5/8	41	4 7/8	124	4	102	19.87	9.01
719-QT-S	2 50	19 1/2	495	7 1/16	179	5 3/16	147	24 7/8	632	13 3/8	340	5 5/16	136	3 3/16	87	1 15/16	49	5 5/16	151	5	127	33.41	15.15

## U719QT MODELS

MODEL	SIZE	DIMENSIONS											WEIGHT										
		A		B		C		D		E(LF)		F		G		H		M		N		lbs.	kgs.
	in. mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
U719-QT-R10	1/2 15	15 13/16	402	4 9/16	116	3 13/16	98	-	-	11 5/16	288	3 1/16	77	1 11/16	43	1 5/16	34	2 3/4	70	2 1/4	57	7.44	3.37
U719-QT-R10	3/4 20	16 1/4	413	4 9/16	116	3 13/16	98	-	-	11 5/16	287	3 3/8	86	2 1/16	53	1 5/16	34	3 3/16	81	2 3/4	70	7.94	3.60
U719-QT	1 25	17 1/4	439	4 9/16	116	3 13/16	98	-	-	11 11/16	297	3 3/16	96	2 7/16	63	1 5/16	34	3 3/4	95	3	76	8.92	4.05
U719-QT-R15	1 1/4 32	21 3/16	539	6 1/8	155	5 1/16	129	-	-	14 9/16	364	4 1/4	108	2 5/8	67	1 5/8	41	4 7/16	113	3 1/2	89	17.64	8.00
U719-QT	1 1/2 40	21 1/2	547	6 1/8	155	5 1/16	129	-	-	14 1/2	369	4 3/4	120	3 3/8	79	1 5/8	41	4 7/8	124	4	102	19.76	8.96
U719-QT	2 50	21 7/8	555	7 1/16	179	5 13/16	147	-	-	15 3/4	400	5 5/16	136	3 7/16	87	1 15/16	49	5 5/16	151	5	127	29.97	13.59
U719-QT-S-R10	1/2 15	15 13/16	402	4 9/16	116	3 13/16	98	18 7/16	468	11 5/16	288	3 1/16	77	1 11/16	43	1 5/16	34	2 3/4	70	2 1/4	57	8.44	3.83
U719-QT-S-R10	3/4 20	16 1/4	413	4 9/16	116	3 13/16	98	19 9/16	492	11 5/16	287	3 3/8	86	2 1/16	53	1 5/16	34	3 3/16	81	2 3/4	70	9.69	4.39
U719-QT-S	1 25	17 1/4	439	4 9/16	116	3 13/16	98	20 5/8	524	11 11/16	297	3 3/16	96	2 7/16	63	1 5/16	34	3 3/4	95	3	76	10.92	4.95
U719-QT-S-R15	1 1/4 32	21 3/16	539	6 1/8	155	5 1/16	129	25 1/16	637	14 9/16	364	4 1/4	108	2 5/8	67	1 5/8	41	4 7/16	113	3 1/2	89	21.64	9.82
U719-QT-S	1 1/2 40	21 1/2	547	6 1/8	155	5 1/16	129	25 7/8	657	14 1/2	369	4 3/4	120	3 3/8	79	1 5/8	41	4 7/8	124	4	102	23.51	10.66
U719-QT-S	2 50	21 7/8	555	7 1/16	179	5 13/16	147	27 1/4	692	15 3/4	400	5 5/16	136	3 7/16	87	1 15/16	49	5 5/16	151	5	127	37.72	17.11



## 719AQT MODELS

MODEL	SIZE	DIMENSIONS											WEIGHT										
		A		B		C		D		E(LF)		F		G		H		lbs.	kgs.				
	in. mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
719-AQT	1/2 15	7 7/8	200	4 9/16	106	3 15/16	100	2 15/16	75	5 3/4	147	3 1/16	77	1 11/16	43	1 5/16	34	3.40	1.54				
719-AQT	3/4 20	10 7/8	349	4 3/4	121	4 9/16	116	3 1/2	90	7 7/8	200	3 3/8	86	2 1/16	53	1 5/16	34	5.66	2.57				
719-AQT	1 25	12 11/16	322	5	127	4 5/16	110	3 3/16	98	9 5/8	244	3 13/16	96	2 7/16	63	1 5/16	34	8.87	4.03				
719-AQT	1 1/4 32	15 3/16	386	5 5/8	144	5 5/8	144	5 1/16	129	11 11/16	297	4 1/4	108	2 5/8	67	1 5/8	41	15.66	7.10				
719-AQT	1 1/2 40	15 3/16	401	6 1/16	157	6 3/16	157	5 1/16	129	11 11/16	297	4 3/4	120	3 3/8	79	1 5/8	41	18.40	8.35				
719-AQT	2 50	17 3/8	442	6 3/8	167	6 3/16	167	5 5/16	141	13 3/8	340	5 5/16	136	3 7/16	87	1 15/16	49	28.96	13.14				