

# SPECIFICATION SUBMITTAL SHEET



## **FEATURES**

Sizes: 1/2" 3/4" 1" 11/4" 11/2" 2"

Maximum working water pressure

Maximum working water temperature

Hydrostatic test pressure

End connections threaded

150 PSI

110°F

300 PSI

ANSI B1.20.1

#### **OPTIONS**

(Suffixes can be combined)

with full port QT ball valves (standard)

■ L - less ball valves

#### **ACCESSORIES**

☐ Repair kit (complete)

□ Water Hammer Arrester (Model 1250)

QT-SET Quick Test Fitting Set

#### **APPLICATION**

Designed for installation on potable water lines to protect against backsiphonage of contaminated water into the potable water supply. Assembly shall provide protection where a potential health hazard exists.

#### STANDARDS COMPLIANCE

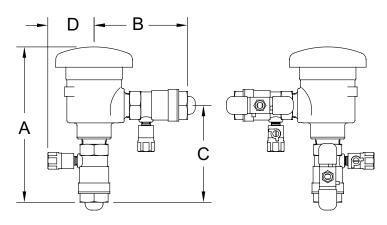
- ASSE ® Listed 1020
- IAPMO® Listed
- CSA ® Certified
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California

#### **MATERIALS**

Main valve body
Fasteners
Cast Bronze ASTM B584
Stainless Steel, 300 Series
Silicone (FDA approved)
Buna Nitrile (FDA approved)
Polymers
Polypropylene (FDA approved)

olymers Polypropylene (FDA approved)
Delrin® (FDA approved)

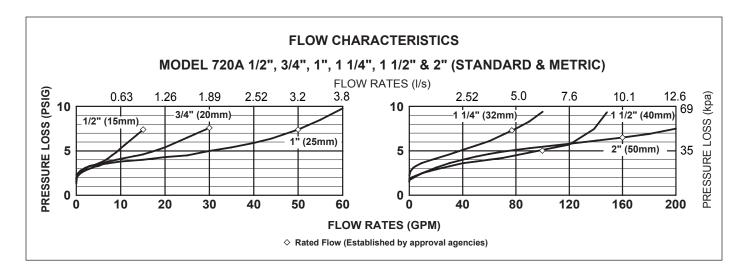
Springs Stainless Steel, 300 series



## **DIMENSIONS & WEIGHTS (do not include pkg.)**

MODEL SIZE		DIMENSIONS (approximate)								WEIGHT			
MODEL	SIZE	А		В		С			)	LES	LESS BV \		H BV
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg	lbs.	kg
1/2	15	7 1/8	181	4 1/16	103	4 1/4	108	2 1/4	57	4	1.8	6	2.7
3/4	20	7 3/16	183	4 5/16	110	4 5/16	110	2 3/8	60	4	1.8	6	2.7
1	25	7 3/4	197	4 5/8	117	4 3/4	121	2 5/8	67	4	1.8	8	3.6
1 1/4	32	11	279	7 7/16	189	7 7/16	189	3 1/8	79	14	6.4	20	9
1 1/2	40	10 1/2	267	7	178	7	178	3 1/8	79	14	6.4	20	9
2	50	11 1/16	281	7 9/16	192	7 11/16	195	3 1/8	79	14	6.4	26	10.4

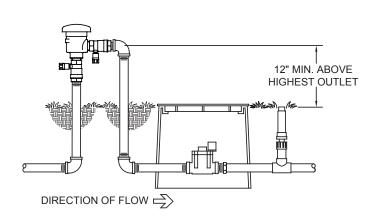
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#### TYPICAL INSTALLATION

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305mm) above the highest piping or outlet downstream of the device. Install with adequate drain and sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged. A pressure vacuum breaker cannot be installed where back-pressure could occur or where spillage of water from vent could cause damage.

Capacity thru Schedule 40 Pipe									
Pipe size	5 ft/sec	7.5 ft/sec	10 ft/sec	15 ft/sec					
1/8"	1	1	2	3					
1/4"	2	2	3	5					
3/8"	3	4	6	9					
1/2	5	7	9	14					
3/4"	8	12	17	25					
1"	13	20	27	40					
1 1/4"	23	35	47	70					
1 1/2"	32	48	63	95					
2"	52	78	105	167					



DIRECTION OF FLOW

**OUTDOOR INSTALLATION** 

INDOOR INSTALLATION

### **SPECIFICATIONS**

The Pressure Vacuum Breaker shall be ASSE 1020 approved, and supplied with full port ball valves. The main body and bonnet shall be bronze (ASTM B584), the loaded-air inlet shall use an silicone elastomer spring and seat disc. The entire assembly shall be accessible for maintenance and testing without removing the device from the line. The Pressure Vacuum Breaker shall be a WILKINS Model 720A.