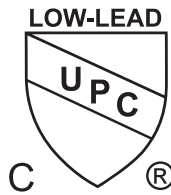
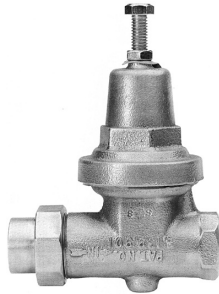


SPECIFICATION SUBMITTAL SHEET



FEATURES

- Sizes: 3/4" 1"
- Maximum working water pressure 300 psi
 Maximum working water temperature 180°F
 Reduced pressure range 25 psi to 75 psi
 Factory preset 50 psi
 Threaded connections (FNPT) ANSI B1.20.1
 Copper connections (FC) ANSI B16.22
 CPVC tailpiece: Max. hot water temp. 180°F @ 100 psi
 Cold water rated temp. 73.4°F @ 400 psi

OPTIONS (Suffixes can be combined)

- standard with single union FNPT connection and 20 mesh strainer screen
- C - with FC (copper sweat) union connection
- DU - with double union FNPT connection
- LU - less union assembly, female x female NPT
- P - tapped & plugged for gauge
- SC - sealed cage bell housing and stainless steel adjusting screw
- SS - sealed cage bell housing with stainless steel adjusting screw and spring
- CPVC - CPVC tailpiece connection
- LP - low pressure outlet 10-35 psi available in 3/4" single union, & 3/4" double union

ACCESSORIES

- Repair kit
- Water thermal expansion tank (Model XT)
- Special in-line spacer nipple (34-70DUSPC & 1-70DUSPC)
- In-line strainer screen for DUSPC (SCR)
- Water hammer arrester (Model 1250XL)
- Tailpiece kit (TPK)

DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE		CONNECTIONS	DIMENSIONS (approximate)								WEIGHT	
			A		B		C		D		lbs.	kg.
in.	mm		in.	mm	in.	mm	in.	mm	in.	mm		
1/2	15	SINGLE UNION	4 1/2	114	5 1/4	133	3/4	19	2 3/4	70	2.5	1.1
1/2	15	LESS UNION	3 3/8	86	5 1/4	133	3/4	19	2 3/4	70	2.3	1.0
1/2	15	DOUBLE UNION	5 7/8	149	6	152	1	25	2 3/4	70	3.0	1.4
3/4	20	SINGLE UNION	4 5/8	117	6	152	1	25	2 3/4	70	2.9	1.3
3/4	20	DOUBLE UNION	6	152	6	152	1 1/8	29	2 3/4	70	3.0	1.4
1	25	SINGLE UNION	5	127	6 11/16	170	1	25	3 3/8	86	4.1	1.9
1	25	DOUBLE UNION	5 7/8	149	6 11/16	170	1 1/8	29	3 3/8	86	4.5	2.0

APPLICATION

Ideal for use where lead free valves are required. Designed for installation on potable water lines to reduce high inlet pressure to a lower outlet pressure. The unitized replaceable cartridge reduces time involved with cleaning and maintenance. The direct acting integral bypass design prevents buildup of excessive system pressure caused by thermal expansion. The balanced piston design enables the regulator to react in a smooth and responsive manner to changes in system flow demand, while at the same time, providing protection from inlet pressure changes.

STANDARDS COMPLIANCE

- ASSE® Listed 1003
- IAPMO® Listed
- CSA® Certified
- City of Los Angeles Approved

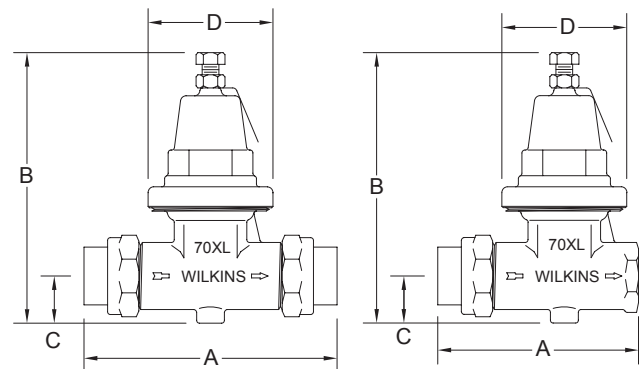
LEAD PLUMBING LAW COMPLIANCE

(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

- Lead Plumbing Law Certified by IAPMO R&T

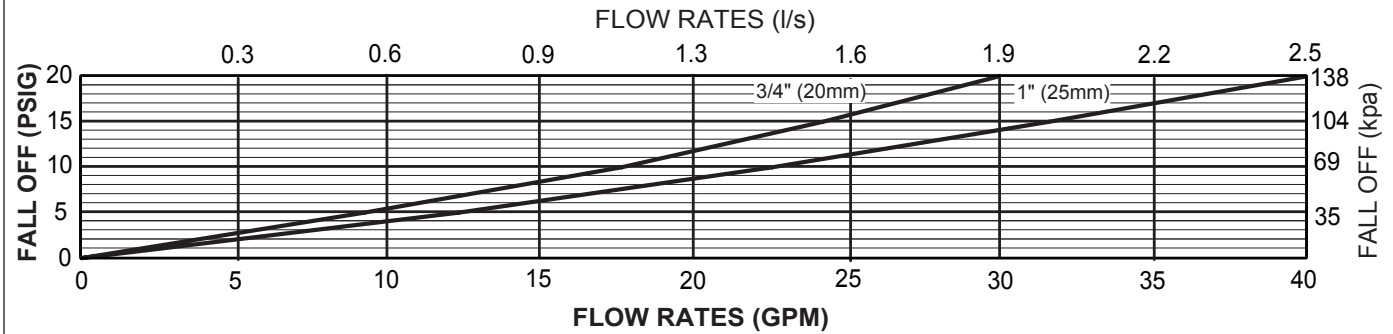
MATERIALS

- Body and bell Cast bronze, ASTM B 584
 Seat Stainless Steel, 300 series
 Stem & sleeve Stainless Steel, 300 series
 Elastomers Buna nitrile, FDA (CFR) 21, 177.2600
 EPDM, FDA (CFR) 21, 177.2600
 Strainer screen Stainless Steel, 300 series



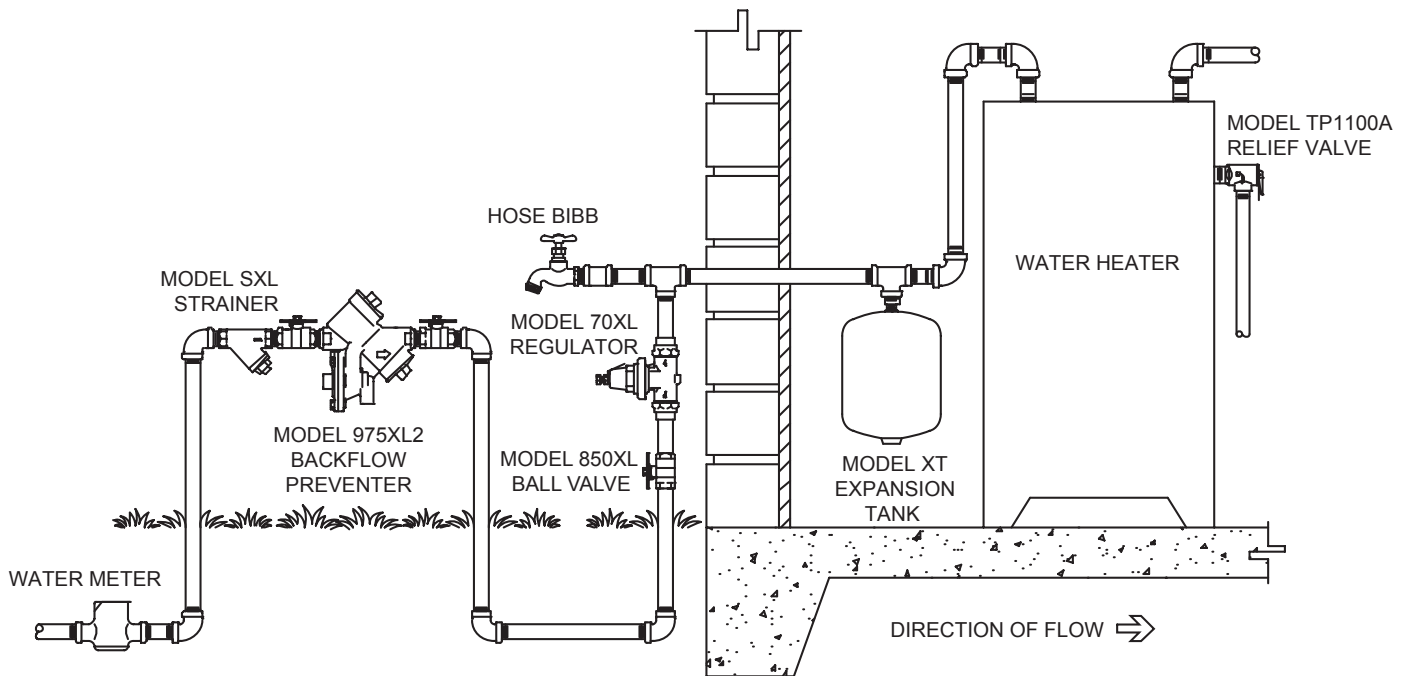
FLOW CHARACTERISTICS

MODEL 70XL 3/4" & 1" (STANDARD & METRIC)



TYPICAL INSTALLATION

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code. The assembly shall be installed with sufficient side clearance for testing and maintenance. The Model 70XL may be installed in any position. If installed in a pit, vault or indoors, specify the "SC" sealed cage option. Multiple installations are recommended for wide demand variations or where the desired pressure reduction is more than 4 to 1 (i.e.: 200 psi inlet reduced to 50 psi outlet). **CAUTION:** Anytime a reducing valve is adjusted, a pressure gauge must be used downstream to verify correct pressure setting. Do not bottom adjustment bolt on bell housing.



TYPICAL INSTALLATION

SPECIFICATIONS

The Pressure Reducing Valve shall be ANSI 3rd party certified to comply with states' lead plumbing law 0.25% maximum weighted average lead content requirement, of the direct-acting type, and ASSE® 1003 Listed. The integral bypass check valve main body and bell housing shall be cast bronze (ASTM B 584). The pressure reducing valve shall be of the balanced piston design and shall reduce pressure in both flow and no-flow conditions using an adjusting bolt. All internal parts shall be corrosion resistant and included in a replaceable cartridge. The bronze bell housing shall be threaded to the body and shall not require the use of ferrous screws. The Pressure Reducing Valve shall be a WILKINS Model 70XL.