

# Zurn Wilkins Water Control & Water Safety

ZW0121 Customer Guide



ZURN.COM US 1.855.ONE.ZURN CANADA 1.877.892.5216

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Replaces All Previous Price Lists

# INTRODUCTION

<b>GENERAL TERMS AND CONDITIONS</b>	<b>2</b>
<b>LEAD FREE</b>	<b>3</b>
<b>TABLE OF CONTENTS BY PRODUCT CATEGORIES</b>	<b>4</b>

# GENERAL TERMS AND CONDITIONS

## PRICE AND TERMS OF PAYMENT

Terms are net, payable 30 days from date of invoice. All pricing in U.S. currency. The Buyer shall pay all sales, consumers, or other applicable taxes. A 1-1/2% monthly (18% annual) service charge will be added to the outstanding balance of all past due invoices.

Minimum invoice \$250.00. Zurn Industries, LLC ("Zurn") reserves the right to apply a minimum order charge in order to meet the \$250.00 minimum invoice requirement. All orders are subject to credit approval by the Zurn Credit Department prior to the acceptance of an order. Orders may be refused, delivery may be withheld, or shipment stopped in transit without any liability on Zurn's part at Zurn's sole discretion based upon Buyer's credit worthiness as determined by Zurn.

## FREIGHT

All sales are F.O.B. seller's location. Zurn will allow full freight allowance when any of the following conditions are met: 1) Plumbing fixture only orders totaling \$10,000 or more; 2) Zurn One System orders of \$7,500 or more; 3) Any combination of Specification Drainage, Commercial Drainage, Finish Plumbing, Zurn Wilkins, Linear Drainage and Chemical Drainage orders of \$5,000 or more; 4) Commercial Drainage only orders totaling \$3,500 or more; or 5) PEX only orders totaling \$3,000 or more. This full freight allowance applies when the shipment is within the continental United States and has a single destination of a Buyer's standard address or job location. Routing of shipment shall be determined at the sole direction of Zurn. Shipping dates are estimates and time of delivery shall not be of the essence of this sale contract. Under no circumstances will the Seller have any responsibility on account of any delays in manufacture, transportation, or otherwise. Terms of Export Shipment on application.

**NOTE:** Shipments in excess of 90" long or 3,000 lbs may be subject to additional charges, and shall be defined as an oversized and/or overweight product and Zurn's standard FFA terms may not apply. Please contact our Customer Service Department for guidance on potential additional shipping charges. This new policy supersedes any existing agreements.

These charges and restrictions apply in addition to Zurn standard terms and conditions for sale unless otherwise agreed upon by the parties.

## LIMITED WARRANTY

Zurn goods sold hereunder are warranted to be free from defects in material and factory workmanship for the period of time from the date of purchase: AquaVantage® Flush Valves, AquaFlush® Flush Valves, Commercial Fixtures, Faucets, Showers, and Tubular Brass: three years; Chemical Drainage, Linear Drainage, Commercial Drainage, Specification Drainage, Zurn Wilkins, and Flush Valve, Faucets, and Tubular Brass decorative finishes: one year; PHIX® Cartridge: ten years; FOG-ceptor®: thirty years. Where permitted by law, **THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO THE ABOVE IDENTIFIED PERIOD OF TIME AND SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF THE DEFECTIVE GOODS.** A damaged/broken test cock or ball valve is not considered defective. Please contact Zurn Customer Care for assistance.

Zurn will replace goods at no cost that prove defective provided Zurn is notified in writing of such defect and the goods are returned prepaid at the specified Zurn location with evidence that they have been properly maintained and used in accordance with instructions. **ZURN SHALL NOT BE RESPONSIBLE FOR ANY LABOR CHARGES OR ANY LOSS, INJURY, OR DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** The sole and exclusive remedy shall be limited to the replacement of the defective goods. Before installation and use, the purchaser shall determine the suitability of the product for his intended use and the purchaser assumes all risk and liability whatever in the connection therewith. All weights stated in Zurn catalogs and lists are approximate and are not guaranteed.

## RETURNED GOODS

Standard cataloged material may be returned only with the written permission of Zurn. Returned goods are subject to a 25% restocking charge of total saleable material returned, plus the cost of reconditioning, if necessary, to make material sellable. Transportation charges are the responsibility of the Buyer. Credit allowance will be in the form of merchandise credit only – not cash credit. The value of the return must total at least \$100.00 to qualify for credit allowance. No credit will be allowed for parts unless originally ordered and invoiced as parts. No credit will be allowed for discontinued or made-to-order items. Items that have been specially made are not subject to return or cancellation except by special negotiation. Material must be returned within one year of invoice date for credit to be issued for Commercial Fixtures, Flush Valve Products, Specification Drainage, Tubular Brass, Zurn Wilkins, Chemical Drainage, Linear Drainage, and Commercial Drainage. No credit is allowed for Linear Drainage products that have been cut and Specification Drainage product with auxiliary tapings. Flush Valve material over one year old will be subject to a 50% handling charge. Flush Valve material over five years old will not be accepted. Commercial Drainage and Specification Drainage galvanized material will be credited at value of Dura-Coated cast iron, and chrome-plated at value of bronze. Zurn Wilkins damaged/broken test cocks or ball valves are not considered defective.

## ILLUSTRATIONS OF TYPICAL INSTALLATIONS

The typical installations for various products found in each product section are intended to illustrate the products and potential options for the use of these products. Under no circumstances are they to be construed as recommended installation procedures. Consult local codes and project specifications for proper installation instructions.

## SHORTAGE/DAMAGE CLAIMS

Notification of material shortages or incorrect filling of orders must be made to Zurn within 10 days of receipt. No claims over three months old will be honored. Buyer agrees to make all complaints for damage in transit or "short count" directly to the carrier; before the contents are unloaded have the carrier agent's acknowledgment of such damage noted on the bill of lading and to present to the carrier its agent's acknowledgment of such damaged material with formal claim covering said damage.

## GENERAL

Zurn reserves the right to make changes in design or equipment of any item or product without incurring any obligation on previously sold items, and to discontinue items at any time, without notice. Possession of this Catalog or other sales literature is not to be construed as an offer to sell. All orders are subject to acceptance by Zurn. Catalog printed in U.S.A.

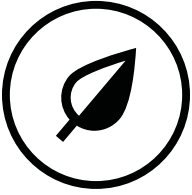
Zurn flush valves are designed to comply with Army Corp of Engineers and Naval guide specifications, Military Specification MIL.V.29193 and Federal Specification WWP541.

Zurn flush valves comply with the following standards: ASME A112.18.1/CSA B125.1, A112.19.5, A112.19.2, A112.19.6, ASSE 1037 and 101 are listed by the following agencies: Canadian Standards, IAPMO/UPC/CUPC, and CSA 125.3. Zurn flush valves are manufactured from dezincification resistant alloys. For additional compliances, contact Zurn Industries, LLC, Finish Plumbing Operation, or 1-800-997-3876.

Zurn is not responsible for typographical errors. The contents of this guide are subject to revision without notice.

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## LEAD FREE



XL LEAD FREE

On January 4th, 2014, changes to the Safe Drinking Water Act went into effect which mandate that all commercial plumbing fixtures, valves, pipes, and fittings that are directly intended for human water consumption are required to be manufactured with less than .25% leaded brass content.

The majority of Zurn Wilkins plumbing products fall within this category and as such have been changed to "lead-free" meaning they are compliant. Exceptions exist for product used in non-potable applications such as fire protection and irrigation, and therefore these products have not been converted. For purposes of this catalog, such products are referred to as "lead-free exempt". Finally, there are Zurn Wilkins products which may fall into either category based on the final application in which they are used. In such instances you will notice pricing for both "lead-free" and "lead-free exempt" part numbers.

## TABLE OF CONTENTS BY PRODUCT CATEGORIES

GENERAL TERMS AND CONDITIONS	2	720A SERIES – PRESSURE VACUUM BREAKER	48
LEAD FREE	3	700XL SERIES – DUAL CHECK VALVE	49
TABLE OF CONTENTS BY PRODUCT CATEGORIES	4	700XLFP SERIES – DUAL CHECK VALVE	49
<b>BACKFLOW PREVENTERS</b>	<b>7</b>	705 SERIES – DUAL CHECK VALVE	50
300 SERIES PRODUCT DECODER	8	730/735 SERIES – LABORATORY FAUCET VACUUM BREAKER	50
350XL/350 SERIES – DOUBLE CHECK VALVE ASSEMBLY	9	740 SERIES – BACKFLOW PREVENTER FOR VENDING MACHINE WATER SUPPLY	51
950XL2/950XLT SERIES – TOP ACCESS DOUBLE CHECK VALVE ASSEMBLY	10	760 SERIES – DUAL CHECK WITH ATMOSPHERIC VENT	51
950XL SERIES – DOUBLE CHECK VALVE ASSEMBLY	11	40XL2 SERIES – IN-LINE SINGLE CHECK VALVE	52
350AST SERIES – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY	11	35XL SERIES – ATMOSPHERIC VACUUM BREAKER	52
350A/350 SERIES – DOUBLE CHECK VALVE ASSEMBLY	13	BFP-9 & BFP-8F SERIES – HOSE CONNECTION VACUUM BREAKER	53
450ST SERIES – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY	15	<b>BACKFLOW PREVENTERS ACCESSORIES</b>	<b>55</b>
450 SERIES – DOUBLE CHECK VALVE ASSEMBLY	16	WBR SERIES – IN BUILDING RISERS	56
950XLTD SERIES – DOUBLE CHECK DETECTOR ASSEMBLY	17	ZWFR – FREEZE RELIEF VALVE	56
350ASTDA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY	18	BVMS – BALL VALVE MONITOR SWITCH	57
350ADA/350DA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY	19	OSY-40 – GATE VALVE SUPERVISORY SWITCH KIT	57
450STDA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY	21	850XL SERIES – FULL PORT BALL VALVE	57
450DA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY	22	48 SERIES – NRS GATE VALVE	58
375XL/375 SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY	23	48OSY SERIES – OS&Y GATE VALVE	58
375XLB SERIES – THEFT PREVENTION REDUCED PRESSURE PRINCIPLE ASSEMBLY	24	48PIV – POST INDICATOR GATE VALVE	59
375ST SERIES – STAINLESS STEEL REDUCED PRESSURE PRINCIPLE ASSEMBLY	24	F48OSYF SERIES – FIRE OS&Y UNTAPPED GATE VALVE	59
975XL2/975XL SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY	25	49 SERIES – BUTTERFLY VALVE	60
975XLST SERIES – STAINLESS STEEL REDUCED PRESSURE PRINCIPLE ASSEMBLY	25	FLUSH FITTING TOOLS – 350/375 BACKFLOW PREVENTERS	60
975XL2SE / 975XL2SEU SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH 90° STREET ELBOW	26	TG-3 AND TG-5 – BACKFLOW ASSEMBLY TEST KITS	61
375AST SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY	27	QT-SET (BRASS) AND QTP (PLASTIC) – QUICK TEST FITTINGS	61
375A/375 SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY	28	400 SERIES SETTER	62
475ST/475STV SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY	30	400ST SERIES SETTER	62
475/475V SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY	32	RFK4X3-400ST – 4" X 3" SETTER ADAPTERS FOR 400ST SERIES	63
375W1/37AW1/375ASTW1 SERIES – CONNECTED BACKFLOW W/ WIRELESS MONITOR (2-1/2" - 10")	34	AG SERIES – AIR GAP	63
GATEWAY	34	<b>STRAINERS</b>	<b>65</b>
FCIS SERIES – CONNECTED FLOOD CONTROL SYSTEM (2-1/2" - 10") / FLOOD CONTROL INTEGRATED SYSTEM (1-1/4" - 2")	35	YBXL SERIES – WYE STRAINER	66
GATEWAY	35	SXL SERIES – WYE STRAINER	67
ZCSM-PF AND ZCSM-BTM – CONNECTED PRESSURE MONITOR (ZCSM-PF) WITH OPTIONAL CONNECTED FLOW METER (ZCSM-BTM)	36	FSC SERIES – WYE STRAINER	67
GATEWAY	36	<b>AUTOMATIC CONTROL VALVES</b>	<b>69</b>
975XLHBM SERIES – HYDRANT BACKFLOW AND METER VALVE	37	ACV PART NUMBER CONFIGURATION TOOL	70
RPHBM SERIES – HIGH CAPACITY HYDRANT BACKFLOW AND METER COMBINATION	37	ZW209 SERIES – PRESSURE REDUCING VALVE	71
375ASTDA SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY	38	ZW207 SERIES – EXCESS PRESSURE SHUT-OFF VALVE	72
375ADA/375DA SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY	40	ZW206 SERIES – SOLENOID CONTROL VALVE	73
475STDA/475STDAV SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY	42	ZW205 SERIES – PRESSURE RELIEF, PRESSURE SUSTAINING VALVE	74
475DA/475DAV SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY	43	ZW204 SERIES – NON-MODULATING FLOAT VALVE	75
310/310DA SERIES – SINGLE CHECK VALVE ASSEMBLY	45	ZW218 SERIES – SLOW CLOSE CHECK VALVE	76
420XL SERIES – PRESSURE VACUUM BREAKER	46	ZW221/ZW222 SERIES – ALTITUDE LEVEL CONTROL VALVES	77
460XL SERIES – SPILL RESISTANT PRESSURE VACUUM BREAKER	46	ZW209FP SERIES – FIRE PROTECTION PRESSURE REDUCING VALVE	78
710 SERIES – PRESSURE VACUUM BREAKER	47	ZW205FP SERIES – FIRE PROTECTION PRESSURE RELIEF VALVE	79
		ZW215FP SERIES – FIRE PUMP SUCTION CONTROL VALVE	80
		<b>AUTOMATIC CONTROL VALVE OPTIONS AND ACCESSORIES</b>	<b>81</b>

## TABLE OF CONTENTS BY PRODUCT CATEGORIES

<b>PRESSURE REDUCING VALVES</b>	<b>83</b>	<b>THERMOSTATIC MIXING VALVES</b>	<b>109</b>
20XL SERIES – PRESSURE REDUCING VALVE	84	ZW1017XL – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1017 POINT OF SOURCE)	110
NR3XL SERIES – PRESSURE REDUCING VALVE	85	ZW1017XLHT – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1017 POINT OF SOURCE)	111
70XL SERIES – PRESSURE REDUCING VALVE	86	ZW1070XL – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1070 POINT OF USE)	112
500XL SERIES – PRESSURE REDUCING VALVE	87	ZW3870XLT AND ZW3870XLT-4P – THERMOSTATIC MIXING VALVE (ASSE 1070 POINT OF USE)	113
500XLYSBR SERIES – PRESSURE REDUCING VALVE	87	<b>THERMOSTATIC MIXING VALVES ACCESSORIES</b>	114
510XL SERIES – OPTION FOR 500XL	87	TPKXL SERIES – TAILPIECE KITS	114
500XLFC SERIES – PRESSURE REDUCING VALVE	88	<b>RELIEF VALVES</b>	<b>115</b>
510XLFC SERIES – OPTION FOR 500XLFC	88	TP1100A SERIES – RESIDENTIAL TEMPERATURE AND PRESSURE VALVE	116
600XL SERIES – PRESSURE REDUCING VALVE	89	TP220 SERIES – COMMERCIAL TEMPERATURE AND PRESSURE VALVE	116
610XL SERIES – OPTION FOR 600XL	89	TP3000 SERIES – COMMERCIAL TEMPERATURE AND PRESSURE VALVE	117
625XL SERIES – OPTION FOR 600XL	89	P1000AXL SERIES – PRESSURE RELIEF VALVE	118
<b>WATER PRESSURE REDUCING VALVE ACCESSORIES</b>	91	P1500XL SERIES – CALIBRATED PRESSURE RELIEF VALVE	118
TPKXL SERIES – TAILPIECE KITS	91	P1550XL SERIES – THERMAL EXPANSION PRESSURE RELIEF VALVE	119
25 SERIES – PRESSURE GAUGES	92	<b>MISCELLANEOUS PLUMBING PRODUCTS</b>	<b>121</b>
<b>FIRE PROTECTION VALVES</b>	<b>93</b>	ZCSM-RP – CONNECTED REMOTE PRESSURE MONITOR	122
ZW5000 SERIES – PRESSURE-TRU® FIRE HOSE VALVES	94	<b>GATEWAY</b>	122
Z2100/Z2105 SERIES – PRESSURE-TRU® FIRE HOSE VALVES	94	XT SERIES – POTABLE WATER EXPANSION TANK	123
ZW5004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES	95	WXTP SERIES – POTABLE WATER EXPANSION TANK	123
Z3004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES	95	WTTA SERIES – ASME THERMAL EXPANSION TANK	124
ZW4004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES	96	HXT SERIES – HYDRONIC EXPANSION TANK	124
ZW4000 SERIES – PRESSURE-TRU® FIRE HOSE VALVES	96	BVECXL SERIES – WATER HEATER SHUT-OFF VALVE WITH INTEGRAL THERMAL EXPANSION RELIEF VALVE	125
Z3000/Z3005 SERIES – PRESSURE-TRU® FIRE HOSE VALVES	97	1260XL SERIES – WATER HAMMER ARRESTERS	126
ZW4104 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES	97	25 SERIES – PRESSURE GAUGE	126
ZW4100 SERIES – PRESSURE-TRU® FIRE HOSE VALVES	98	VR10XL SERIES – VACUUM RELIEF VALVE	127
F100/F100G SERIES – FIRE HOSE VALVES	99	DUXL/DUXLC SERIES – DIELECTRIC UNIONS	128
F105 SERIES – PRESSURE RESTRICTING FIRE HOSE VALVES	99	<b>REPAIR KITS</b>	<b>129</b>
FDC2 SERIES – FIRE DEPARTMENT CONNECTIONS	99	LARGE DIAMETER BACKFLOW PREVENTER REPAIR KITS	130
FTD SERIES – TEST AND DRAIN VALVES	100	350/450 REPAIR KITS	130
F49BR/F49BRG SERIES – POWERBALL BUTTERFLY VALVES	100	375/475 REPAIR KITS	130
F49 SERIES – FIRE BUTTERFLY VALVES	100	FIRST CHECK ASSEMBLY	130
FEZR SERIES – COMMERCIAL RISERS	101	SECOND CHECK ASSEMBLY	130
F210 SERIES – CHECK VALVES	101	950/975 REPAIR KITS	131
F210R SERIES – RISER CHECKS	101	BY-PASS VALVES FOR DETECTOR ASSEMBLIES REPAIR KITS	131
P4000A – PRESSURE RELIEF VALVES	102	CHECK SEAT RETAINER	131
<b>COUPLINGS AND FITTINGS</b>	103	DOUBLE CHECK DETECTOR ASSEMBLY BYPASS REPLACEMENT KIT	131
FP23 SERIES - COUPLINGS – RIGID (R), FLEX (F), REDUCING	103	RP DETECTOR ASSEMBLY BYPASS REPLACEMENT KIT	131
FP52 SERIES - ELBOWS – 90° STANDARD RADIUS, 90° SHORT RADIUS (S), 45° STANDARD RADIUS (-45), 22.5° STANDARD RADIUS (-22), 11.25° STANDARD RADIUS (-11), END OF RUN ADAPTER (GTF)	104	SMALL DIAMETER BACKFLOW PREVENTER REPAIR KITS	132
FP53 SERIES - TEES – STANDARD RADIUS, SHORT RADIUS (S), REDUCING BRANCH	105	350XL/350 REPAIR KITS	132
FP56 SERIES - CROSSES	105	375XL/375 REPAIR KITS	132
FP3 SERIES - CAPS	105	950XLT2/950XLT/950XL/950 REPAIR KITS	132
FP63 SERIES - MECHANICAL TEES – GROOVED (G), THREADED (TF), U-BOLT (LTF)	106	975XL2/975XL/975 REPAIR KITS	132
FP8 SERIES - GROOVED FLANGES	107	PRESSURE VACUUM BREAKER REPAIR KITS	133
FP51 SERIES - GROOVED REDUCERS	107	420XL/420 REPAIR KITS	133
		460XL/460 REPAIR KITS	133
		720A REPAIR KITS	133
		ATMOSPHERIC VACUUM BREAKER REPAIR KIT	133

## TABLE OF CONTENTS BY PRODUCT CATEGORIES

DUAL CHECK ASSEMBLY REPAIR KITS	133
AUTOMATIC CONTROL VALVE REPAIR KITS	133
PRESSURE REDUCING VALVE REPAIR KITS	134
MISCELLANEOUS PARTS AND REPAIR KITS	134
QT/QTP – QUICK TEST BACKFLOW TEST FITTINGS	134
BVHD – BLUE STAINLESS STEEL BALL VALVE HANDLES WITH STAINLESS STEEL NUT	134
BVHDXL – GREEN STAINLESS STEEL BALL VALVE HANDLES WITH STAINLESS STEEL NUT	134
860XL – LEAD FREE TEST COCKS (SET)	134
860XLFT – LEAD FREE FAST-TEST COCKS WITH INTEGRAL SAE FITTINGS (SET)	134
860XL SERIES – BALL VALVE TEST COCKS (EACH)	135
RK-975TOOL – COMPLETE SET OF 950XL/975XL SEAT REMOVAL TOOLS	135
RK-BVTOOL – BALL VALVE HANDLE SOCKETS 3/4", 1", 1-1/4", 1-1/2", AND 2"	135
RPHBM REPAIR KITS	135
FIRE VALVE REPAIR KITS	135
<b>INDEX</b>	<b>137</b>
TABLE OF CONTENTS IN ALPHABETICAL ORDER	138

# BACKFLOW PREVENTERS

Zurn Wilkins backflow products offer the greatest value of any backflow preventer on the market. Zurn Wilkins offers a variety of configurations to meet your needs, as well as reliable proven designs with an emphasis on maintenance, repair, and total cost of ownership.

Use this catalog to help guide you to your specific product needs, then follow up by visiting [www.zurn.com](http://www.zurn.com) or contact a Zurn Wilkins customer care representative for more information.

<b>300 SERIES PRODUCT DECODER</b>	<b>8</b>	<b>375W1/37AW1/375ASTW1 SERIES</b> – CONNECTED BACKFLOW W/ WIRELESS MONITOR (2-1/2" - 10")	<b>34</b>
<b>350XL/350 SERIES</b> – DOUBLE CHECK VALVE ASSEMBLY	<b>9</b>	<b>FCIS SERIES</b> – CONNECTED FLOOD CONTROL SYSTEM (2-1/2" - 10") / FLOOD CONTROL INTEGRATED SYSTEM (1-1/4" - 2")	<b>35</b>
<b>950XLT2/950XLT SERIES</b> – TOP ACCESS DOUBLE CHECK VALVE ASSEMBLY	<b>10</b>	<b>ZCSM-PF AND ZCSM-BTM</b> – CONNECTED PRESSURE MONITOR (ZCSM-PF) WITH OPTIONAL CONNECTED FLOW METER (ZCSM-BTM)	<b>36</b>
<b>950XL SERIES</b> – DOUBLE CHECK VALVE ASSEMBLY	<b>11</b>	<b>975XLHBM SERIES</b> – HYDRANT BACKFLOW AND METER VALVE	<b>37</b>
<b>350AST SERIES</b> – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY	<b>11</b>	<b>RPHBM SERIES</b> – HIGH CAPACITY HYDRANT BACKFLOW AND METER COMBINATION	<b>37</b>
<b>350A/350 SERIES</b> – DOUBLE CHECK VALVE ASSEMBLY	<b>13</b>	<b>375ASTDA SERIES</b> – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY	<b>38</b>
<b>450ST SERIES</b> – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY	<b>15</b>	<b>375ADA/375DA SERIES</b> – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY	<b>40</b>
<b>450 SERIES</b> – DOUBLE CHECK VALVE ASSEMBLY	<b>16</b>	<b>475STDA/475STDAV SERIES</b> – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY	<b>42</b>
<b>950XLTDASERIES</b> – DOUBLE CHECK DETECTOR ASSEMBLY	<b>17</b>	<b>475DA/475DAV SERIES</b> – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY	<b>43</b>
<b>350ASTDA SERIES</b> – DOUBLE CHECK DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY	<b>18</b>	<b>310/310DA SERIES</b> – SINGLE CHECK VALVE ASSEMBLY	<b>45</b>
<b>350ADA/350DA SERIES</b> – DOUBLE CHECK DETECTOR ASSEMBLY	<b>19</b>	<b>420XL SERIES</b> – PRESSURE VACUUM BREAKER	<b>46</b>
<b>450STDA SERIES</b> – DOUBLE CHECK DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY	<b>21</b>	<b>460XL SERIES</b> – SPILL RESISTANT PRESSURE VACUUM BREAKER	<b>46</b>
<b>450DA SERIES</b> – DOUBLE CHECK DETECTOR ASSEMBLY	<b>22</b>	<b>710 SERIES</b> – PRESSURE VACUUM BREAKER	<b>47</b>
<b>375XL/375 SERIES</b> – REDUCED PRESSURE PRINCIPLE ASSEMBLY	<b>23</b>	<b>720A SERIES</b> – PRESSURE VACUUM BREAKER	<b>48</b>
<b>375XLB SERIES</b> – THEFT PREVENTION REDUCED PRESSURE PRINCIPLE ASSEMBLY	<b>24</b>	<b>700XL SERIES</b> – DUAL CHECK VALVE	<b>49</b>
<b>375ST SERIES</b> – STAINLESS STEEL REDUCED PRESSURE PRINCIPLE ASSEMBLY	<b>24</b>	<b>705 SERIES</b> – DUAL CHECK VALVE	<b>50</b>
<b>975XL2/975XL SERIES</b> – REDUCED PRESSURE PRINCIPLE ASSEMBLY	<b>25</b>	<b>730/735 SERIES</b> – LABORATORY FAUCET VACUUM BREAKER	<b>50</b>
<b>375AST SERIES</b> – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY	<b>27</b>	<b>740 SERIES</b> – BACKFLOW PREVENTER FOR VENDING MACHINE WATER SUPPLY	<b>51</b>
<b>375A/375 SERIES</b> – REDUCED PRESSURE PRINCIPLE ASSEMBLY	<b>28</b>	<b>760 SERIES</b> – DUAL CHECK WITH ATMOSPHERIC VENT	<b>51</b>
<b>475ST/475STV SERIES</b> – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY	<b>30</b>	<b>40XL2 SERIES</b> – IN-LINE SINGLE CHECK VALVE	<b>52</b>
<b>475/475V SERIES</b> – REDUCED PRESSURE PRINCIPLE ASSEMBLY	<b>32</b>	<b>35XL SERIES</b> – ATMOSPHERIC VACUUM BREAKER	<b>52</b>
		<b>BFP-9 &amp; BFP-8F SERIES</b> – HOSE CONNECTION VACUUM BREAKER	<b>53</b>



# 300 SERIES PRODUCT DECODER

**212 - 375 AST DA R MS B G FSC -AG**

Code	Description
<b>PLUMBING PIPE SIZE</b>	
212	2-1/2"
3	3"
4	4"
6	6"
8	8"
10	10"
<b>BASE PART NUMBER</b>	
350	Double Check Assembly
375	Reduced Pressure Principle Assembly
<b>BACKFLOW BODY STYLE</b>	
A	Grooved Body, Ductile Iron Body
AST	Grooved Body, Stainless Steel Body
<b>DETECTOR ASSEMBLY</b>	
	Standard Assembly
DA	Detector Assembly
<b>REPLACEMENT SERIES</b>	
	Standard Assembly
R	Custom Length Assembly Replacement
<b>MONITOR SWITCH</b>	
	Standard Assembly
MS	with Integral Relief Valve Monitor Switch
<b>SHUT-OFF VALVES</b>	
	NRS Gate Valves
OSY	OS&Y Gate Valves
PI	Post Indicator Valves
B	Butterfly Valves
<b>END CONNECTIONS</b>	
F	Flange x Flange User Connections
FG	Flange x Groove User Connections
G	Groove x Groove User Connections
GF	Groove x Flange User Connections
<b>BACKFLOW ACCESSORIES</b>	
FSC	with Epoxy Coated Wye Type Strainer (Flanged Only)
-AG	Air Gap

## 350XL/350 SERIES – DOUBLE CHECK VALVE ASSEMBLY



### APPLICATIONS

The 350XL and 350 provide low health hazard backflow protection while embodying state-of-the-art materials in a easily maintained design. Used in all market segments.

### FEATURES

- 3/4" - 2"
- 175 psi max
- 180°F max
- Short lay length – fits in smaller valve box
- Top access to test cocks and shutoff valves and check assembly – easy to test
- Entire pressure vessel is removable to facilitate check access for cleaning or repair
- Stainless steel ball valve handles and nuts standard

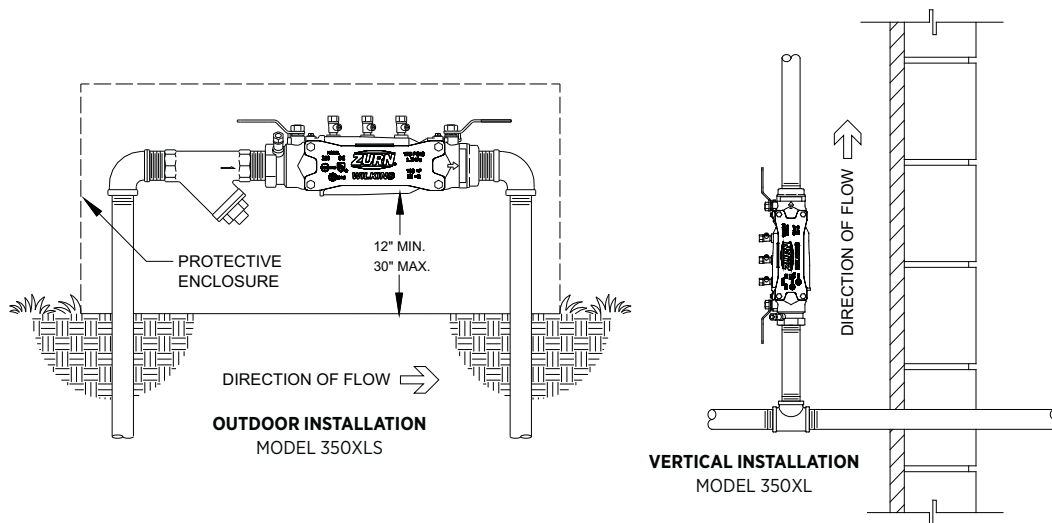
### APPROVALS AND APPLICABLE STANDARDS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1015 (horizontal/vertical), IAPMO® Listed, CSA® Certified, UL® Classified, C-UL®, and AWWA Compliant
- 350XL is certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Bronze wye strainer (Model SXL)
- Thermal expansion tank (Model XT)
- Quick test set (QT-SET)
- Winterizing blow out flush fitting (RK34-350FLUSH, RK1-350FLUSH, or RK114-350-375FLUSH)
- Repair kits

### TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>350XL/350: FNPT X FNPT</b>				
3/4"	34-350XL	364.00	34-350	258.00
1"	1-350XL	400.00	1-350	283.00
1-1/4"	114-350XL	973.00	114-350	728.00
1-1/2"	112-350XL	1,044.00	112-350	780.00
2"	2-350XL	1,179.00	2-350	880.00
<b>350XL/350L: MNPT X MNPT, LESS SHUT-OFF VALVES</b>				
3/4"	34-350LXL	296.00	34-350L	209.00
1"	1-350LXL	296.00	1-350L	209.00
<b>VALVE FOR BY-PASS ASSEMBLY FOR 950XLTD SERIES</b>				
3/4"	34-350D	307.00	-	-
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>				
<b>FAST-TEST TEST COCKS (FT) OPTION (E.G. 2-350XLFT), 3/4" AND 1" USC APPROVED</b>				
3/4" - 2"		No Charge		No Charge
<b>LEAD-FREE BRONZE WYE STRAINER (S) OPTION WITH NIPPLE (E.G. 2-350XLS)</b>				
3/4"	-	91.00	-	-
1"	-	108.00	-	-
1-1/4"	-	156.00	-	-
1-1/2"	-	213.00	-	-
2"	-	309.00	-	-
<b>STREET ELBOWS (SE) OPTION, FNPT X FNPT (E.G. 34-350XLSE)</b>				
3/4"	-	119.00	-	-
1"	-	129.00	-	-

# 950XLT2/950XLT SERIES – TOP ACCESS DOUBLE CHECK VALVE ASSEMBLY



## APPLICATIONS

Top Access check valves and test cocks make this valve most suitable for low health hazard meter box applications that require easy access during testing and repair.

## FEATURES

- 3/4" - 2"
- 175 psi max
- 180°F max
- Complete with two full port resilient seated ball valves for shut-off and four resilient seated ball valve test cocks
- Both check valves and test cocks are designed at an inclined angle upward for easy access during repair, maintenance and testing
- Bronze body construction
- Stainless steel ball valve handles and nuts standard

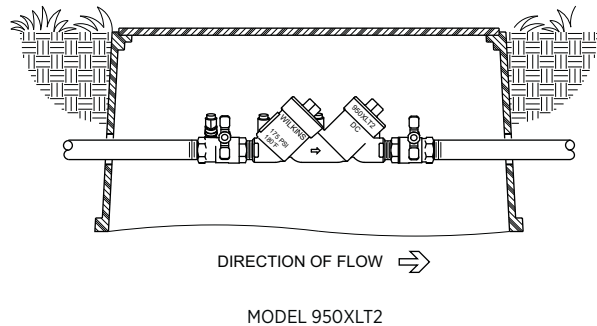
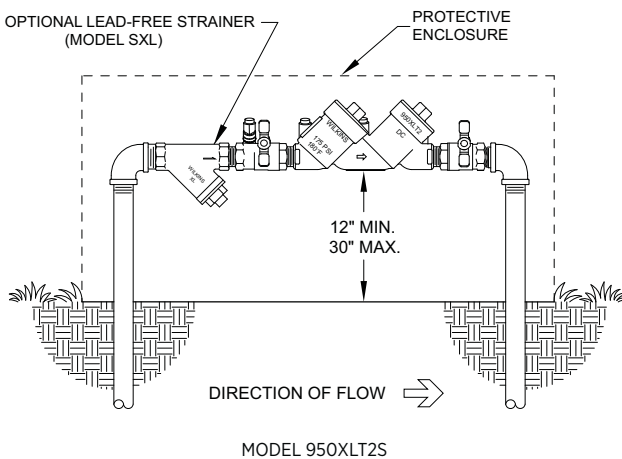
## APPROVALS AND APPLICABLE STANDARDS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1015, IAPMO® Listed, CSA® Certified, UL® Classified, C-UL® Classified
- Model 950XLT2 is certified to NSF/ANSI 61 and 372

## ACCESSORIES

- Thermal expansion tank (Model XT)
- Bronze wye strainer (Model SXL)
- Quick test set (QT-SET)
- Ball valve monitor switch (Model BVMS)
- Repair Kit

## TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>950XLT2/950XLT: FNPT X FNPT END CONNECTIONS</b>				
3/4"	34-950XLT2	394.00	34-950XLT	310.00
1"	1-950XLT2	435.00	1-950XLT	340.00
1-1/4"	114-950XLT2	1,057.00	114-950XLT	861.00
1-1/2"	112-950XLT2	1,132.00	112-950XLT	922.00
2"	2-950XLT2	1,279.00	2-950XLT	1,041.00
<b>950XLT2U: FNPT UNION X FNPT UNION</b>				
3/4"	34-950XLT2U	493.00	34-950XLTU	386.00
1"	1-950XLT2U	544.00	1-950XLTU	426.00
1-1/4"	114-950XLT2U	1,321.00	-	-
1-1/2"	112-950XLT2U	1,416.00	-	-
2"	2-950XLT2U	1,598.00	-	-
<b>950XLT2/950XLT: MNPT X MNPT, LESS SHUT-OFF VALVES</b>				
3/4"	34-950LXLT2	321.00	34-950LXLT	252.00
1"	1-950LXLT2	355.00	1-950LXLT	277.00
1-1/4"	114-950LXLT2	862.00	114-950LXLT	701.00
1-1/2"	112-950LXLT2	922.00	112-950LXLT	751.00
2"	2-950LXLT2	1,041.00	2-950LXLT	848.00
<b>950XLT2BFSS/950XLTBFSS: FNPT BF X FNPT BF, SUPERVISORY SWITCH (TAMPURED BUTTERFLY VALVES)</b>				
1-1/4"	114-950XLT2BFSS	3,102.00	114-950XLTBFSS	2,418.00
1-1/2"	112-950XLT2BFSS	3,323.00	112-950XLTBFSS	2,591.00
2"	2-950XLT2BFSS	3,752.00	2-950XLTBFSS	2,926.00
<b>OPTIONS AND LIST PRICE ADDERS</b> (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)				
<b>FAST-TEST TEST COCKS (FT) OPTION (E.G. 34-950XLT2FT), 3/4" AND 1" USC APPROVED</b>				
3/4" - 2"		No Charge		No Charge
<b>STRAINER (S) OPTION WITH NIPPLE (E.G. 2-950XLT2S)</b>				
3/4"	-	91.00	-	-
1"	-	108.00	-	-
1-1/4"	-	156.00	-	-
1-1/2"	-	213.00	-	-
2"	-	309.00	-	-

## 950XL SERIES – DOUBLE CHECK VALVE ASSEMBLY



### APPLICATIONS

The traditional wye pattern design Double Check that the irrigation and fire professional relies upon for superior backflow protection.

### FEATURES

- 3/4", 1", 1-1/2", 2"
- 175 psi max
- 180°F max
- Bronze body construction
- Noryl® replaceable seats and silicone rubber check discs
- Stainless steel ball valve handles and nuts standard

### APPROVALS AND APPLICABLE STANDARDS

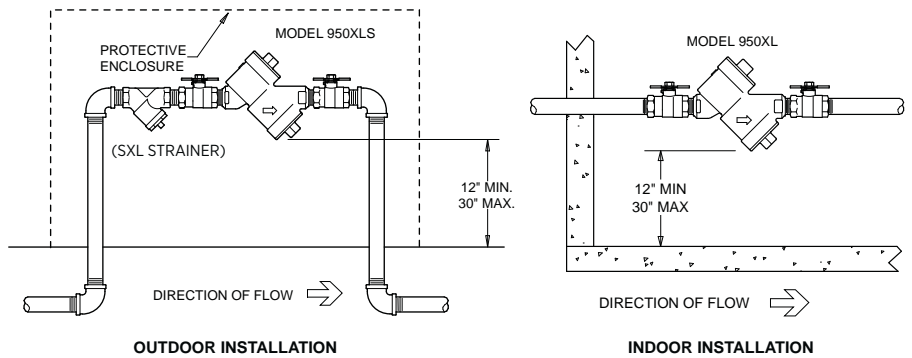
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1015, IAPMO® Listed, CSA® Certified, UL® Classified, C- UL® Classified, AWWA Compliant

### ACCESSORIES

- Quick test set (QT-SET)
- Ball valve monitor switch (Model BVMS)
- SXL strainer
- Repair kits

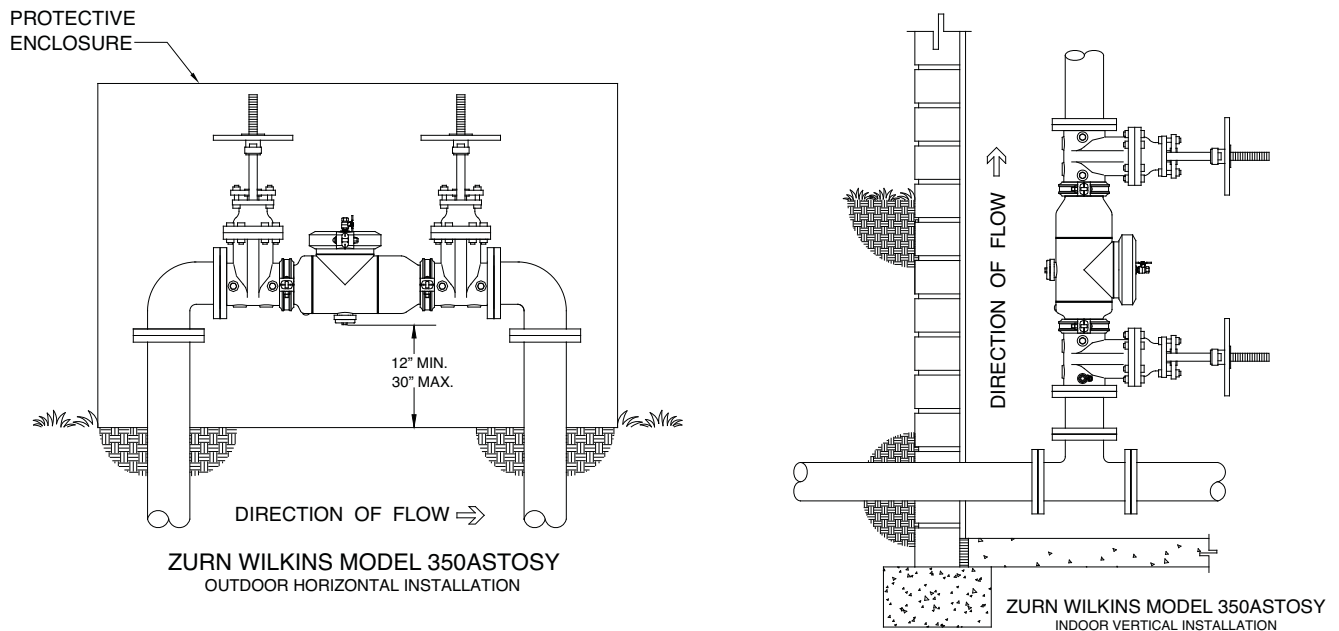
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>950XL: FNPT X FNPT END CONNECTIONS</b>				
3/4"	-	-	34-950XL	310.00
1"	-	-	1-950XL	340.00
1-1/2"	-	-	112-950XL	922.00
2"	-	-	2-950XL	1,041.00
<b>950XLD: LEAD-FREE, FNPT X FNPT END CONNECTIONS FOR BY-PASS ASSEMBLY FOR 350DA/350ADA/450DA SERIES</b>				
3/4"	34-950XLD	285.00	-	-

### TYPICAL INSTALLATION



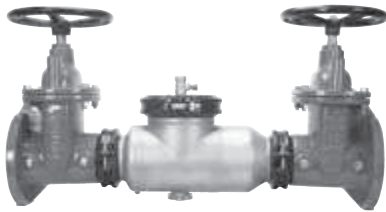
## 350AST SERIES – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY

### TYPICAL INSTALLATION



For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## 350AST SERIES – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY



### APPLICATIONS

The 350AST combines the features you expect from a Zurn Wilkins Double Check, in a corrosion resistant, stainless steel body for any low health hazard application in all market segments.

### FEATURES

- 2-1/2" - 10" [grooved body]
- 175 psi max
- 140°F max
- Grooved or flanged end connections
- Improved Compound Check design
- Short lay-length for small space installation
- Lower maintenance costs from corrosion resistance of stainless body

### APPROVALS AND APPLICABLE STANDARDS

- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1015, AWWA Compliant C510 (with gates only), and C550, UL® Classified, C-UL® Classified, FM® Approved, CSA® Certified, IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Thermal expansion tank (Model XT)
- OS&Y Gate valve tamper switch (OSY-40)
- Model FSC wye strainer (non fire applications)
- Repair kits

### TYPICAL INSTALLATION

See previous page

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350AST (GROOVED BODY): FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-350AST	3,628.00
3"	3-350AST	3,758.00
4"	4-350AST	4,904.00
6"	6-350AST	7,075.00
8"	8-350AST	13,885.00
10"	10-350AST	20,861.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ASTFG, 4-350ASTGF, 10-350ASTG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTOSY (GROOVED BODY): FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-350ASTOSY	4,049.00
3"	3-350ASTOSY	4,113.00
4"	4-350ASTOSY	4,840.00
6"	6-350ASTOSY	7,346.00
8"	8-350ASTOSY	14,162.00
10"	10-350ASTOSY	21,136.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ASTOSYFG, 4-350ASTOSYGF, 10-350ASTOSYG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTBG (GROOVED BODY): GROOVED BG X GROOVED BG (TAMPED BUTTERFLY VALVES)</b>		
2-1/2"	212-350ASTBG	3,881.00
3"	3-350ASTBG	4,082.00
4"	4-350ASTBG	5,776.00
6"	6-350ASTBG	8,558.00
8"	8-350ASTBG	16,422.00
10"	10-350ASTBG	22,474.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTBF (GROOVED BODY): FLANGED BF X FLANGED BF (TAMPED BUTTERFLY VALVES)</b>		
2-1/2"	212-350ASTBF	3,994.00
3"	3-350ASTBF	4,268.00
4"	4-350ASTBF	6,079.00
6"	6-350ASTBF	8,936.00
8"	8-350ASTBF	16,850.00
10"	10-350ASTBF	22,936.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTBFG (GROOVED BODY): FLANGED BF X GROOVED BG (TAMPED BUTTERFLY VALVES)</b>		
2-1/2"	212-350ASTBFG	3,938.00
3"	3-350ASTBFG	4,175.00
4"	4-350ASTBFG	5,928.00
6"	6-350ASTBFG	8,748.00
8"	8-350ASTBFG	16,636.00
10"	10-350ASTBFG	22,705.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTOSYPI (GROOVED BODY): OSY &amp; PI GATE VALVES</b>		
2-1/2"-10"	Use OSY Pricing	

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ASTPIOSYFG, 4-350ASTOSYPIGF, 10-350ASTOSYPIG).

### OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

#### FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION

SIZE	LEAD-FREE LIST PRICE EA.
2-1/2"	551.00
3"	670.00
4"	1,091.00
6"	1,753.00
8"	3,480.00
10"	6,030.00

Part number will be designated using "FSC" (e.g. 212-350ASTFSC, 4-350ASTOSYFSC, 10-350ASTOSYPIFSC).

#### 300AR SERIES - REPLACEMENT BACKFLOW ASSEMBLY (2-1/2" - 10")

Custom length Double Check Valve Assembly for drop in replacements. Stainless steel grooved x grooved spool installed between the backflow valve and the outlet shut-off valve. Can be used with 350 Series and 375 Series grooved body models. For replacement of longer lay-length backflow preventers.

350ASTR list price adder to be added to list price of the 350AST to determine total list price.

See order form and product specification sheet on the website for details and options.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE LIST PRICE ADDER EA.
2-1/2"	Length Range: Up to 47-1/8"	605.00
3"	Length Range: Up to 48-1/8"	630.00
4"	Length Range: Up to 62-1/4"	729.00
6"	Length Range: Up to 71-1/4"	972.00
8"	Length Range: Up to 86"	1,300.00
10"	Length Range: Up to 100-5/8"	1,576.00

Part number will be designated using "350ASTR-A".

## 350A/350 SERIES – DOUBLE CHECK VALVE ASSEMBLY



### APPLICATIONS

Traditional ductile iron bodies and grooved or flanged shut-off valve attachment define the Zurn Wilkins 350 series Double Check Valve Assemblies. Used in low health hazard applications and all market segments.

### FEATURES

- 350A: 2-1/2" - 10" [grooved body]
- 350: 2-1/2" - 12" [flanged body]
- 175 psi max
- 140°F max
- Epoxy coated ductile iron body
- No threads or taps in body or cover, eliminating exposure to corrosion

### APPROVALS AND APPLICABLE STANDARDS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California (horizontal/vertical) (2-1/2" - 10", 12" Horizontal)
- ASSE® Listed 1015 (horizontal/vertical), AWWA Listed (horizontal/vertical), IAPMO® Listed (horizontal/vertical)
- CSA® Certified (horizontal/vertical), C-UL® Classified (horizontal/vertical), UL® Classified (horizontal/vertical), FM® Approved (horizontal/vertical) (2-1/2" - 10")
- 12" UL Classified (horizontal)
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Repair kits
- Thermal expansion tank (Model XT)
- OS&Y Gate valve tamper switch (OSY-40)
- Model FSC wye strainer (non fire applications)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350A (GROOVED BODY): FLANGED NRS X FLANGED NRS</b>		

2-1/2"	212-350A	3,628.00
3"	3-350A	3,758.00
4"	4-350A	4,904.00
6"	6-350A	7,075.00
8"	8-350A	13,885.00
10"	10-350A	20,861.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350AFG, 4-350AGF, 10-350AG).

<b>350AOSY (GROOVED BODY): FLANGED OSY X FLANGED OSY</b>		
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2-1/2"	212-350AOSY	4,049.00
3"	3-350AOSY	4,113.00
4"	4-350AOSY	4,840.00
6"	6-350AOSY	7,346.00
8"	8-350AOSY	14,162.00
10"	10-350AOSY	21,136.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350AOSYFG, 4-350AOSYGF, 10-350AOSYSG).

<b>350ABG (GROOVED BODY): GROOVED BG X GROOVED BG (TAMPED BUTTERFLY VALVES)</b>		
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2-1/2"	212-350ABG	3,881.00
3"	3-350ABG	4,082.00
4"	4-350ABG	5,776.00
6"	6-350ABG	8,558.00
8"	8-350ABG	16,422.00
10"	10-350ABG	22,474.00

<b>350ABF (GROOVED BODY): FLANGED BF X FLANGED BF (TAMPED BUTTERFLY VALVES)</b>		
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2-1/2"	212-350ABF	3,994.00
3"	3-350ABF	4,268.00
4"	4-350ABF	6,079.00
6"	6-350ABF	8,936.00
8"	8-350ABF	16,850.00
10"	10-350ABF	22,936.00

<b>350ABFG (GROOVED BODY): FLANGED BF X GROOVED BG (TAMPED BUTTERFLY VALVES)</b>		
--	--	--

2-1/2"	212-350ABFG	3,938.00
3"	3-350ABFG	4,175.00
4"	4-350ABFG	5,928.00
6"	6-350ABFG	8,748.00
8"	8-350ABFG	16,636.00
10"	10-350ABFG	22,705.00

<b>350AL (GROOVED BODY): LESS GATE VALVES</b>		
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2-1/2"	212-350AL	2,548.00
3"	3-350AL	2,925.00
4"	4-350AL	3,302.00
6"	6-350AL	5,092.00
8"	8-350AL	10,393.00
10"	10-350AL	14,423.00

Part number will be designated using "L" (e.g. 4-350AL, 6-350AL, 10-350AL).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350 (FLANGED BODY): FLANGED NRS X FLANGED NRS</b>		

2-1/2"	212-350	3,628.00
3"	3-350	3,758.00
4"	4-350	4,904.00
6"	6-350	7,075.00
8"	8-350	13,885.00
10"	10-350	20,861.00
12"	12IN-350	34,400.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350FG, 4-350GF, 10-350G).

<b>350OSY (FLANGED BODY): FLANGED OSY X FLANGED OSY</b>		
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2-1/2"	212-350OSY	4,049.00
3"	3-350OSY	4,113.00
4"	4-350OSY	4,840.00
6"	6-350OSY	7,346.00
8"	8-350OSY	14,162.00
10"	10-350OSY	21,136.00
12"	12IN-350OSY	34,995.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350OSYFG, 4-350OSYGF, 10-350OSYSG).

<b>350OSYPI (FLANGED BODY): FLANGED OSY X FLANGED PI</b>		
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2-1/2" - 12" Use OSY Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350PIOSYFG, 4-350OSYPIGF, 10-350OSYPIG).

<b>350L (FLANGED BODY): FLANGED X FLANGED, LESS SHUT-OFF VALVES</b>		
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2-1/2"	212-350L	2,259.00
3"	3-350L	2,273.00
4"	4-350L	3,302.00
6"	6-350L	5,092.00
8"	8-350L	10,393.00
10"	10-350L	14,423.00
12"	12IN-350L	20,910.00

Part number will be designated using "L" (e.g. 4-350L, 6-350L, 10-350L).

## 350A/350 SERIES – DOUBLE CHECK VALVE ASSEMBLY (CONTINUED)

OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)	
SIZE	LEAD-FREE LIST PRICE EA.
<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>	
2-1/2"	551.00
3"	670.00
4"	1,091.00
6"	1,753.00
8"	3,480.00
10"	6,030.00
12"	10,750.00

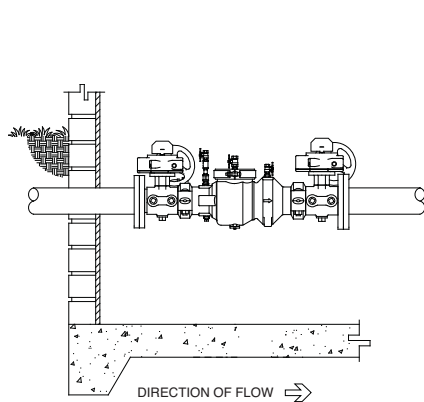
Part number will be designated using "FSC" (e.g. 212-350FSC, 4-350OSYFSC, 10-350OSYPIFSC). Lead Law Compliant.

OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)	
<b>300AR SERIES - REPLACEMENT BACKFLOW ASSEMBLY (2-1/2" - 10")</b>	
Custom length Double Check Valve Assembly for drop in replacements. Stainless steel grooved x grooved spool installed between the backflow valve and the outlet shut-off valve. Can be used with 350 Series and 375 Series grooved body models. For replacement of longer lay-length backflow preventers.	
350AR list price adder to be added to list price of the 350A to determine total list price.	
See order form and product specification sheet on the website for details and options.	

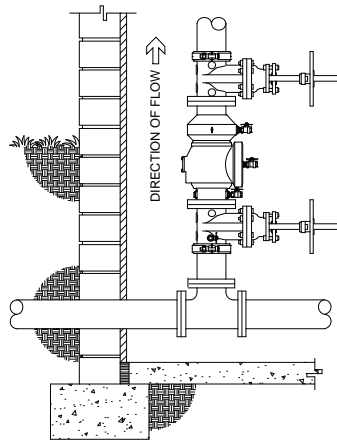
OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)		
SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE LIST PRICE ADDER EA.
2-1/2"	Length Range: Up to 47-1/8"	605.00
3"	Length Range: Up to 48-1/8"	630.00
4"	Length Range: Up to 62-1/4"	729.00
6"	Length Range: Up to 71-1/4"	972.00
8"	Length Range: Up to 86"	1,300.00
10"	Length Range: Up to 100-5/8"	1,576.00

Part number will be designated using "350ASTR-A".

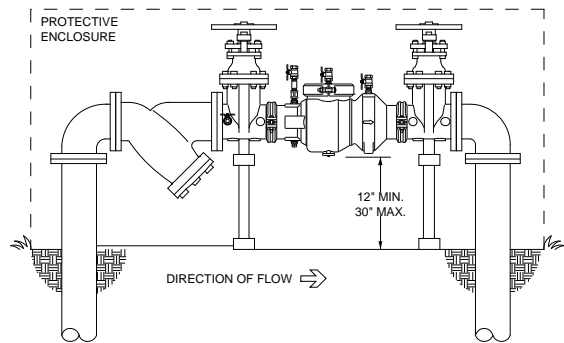
### TYPICAL INSTALLATION



**INDOOR INSTALLATION**  
MODEL 350ABF



**INDOOR INSTALLATION**  
(VERT.) MODEL 350OSYG



**OUTDOOR INSTALLATION**  
MODEL 350AFSC

## 450ST SERIES – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY



### APPLICATIONS

Designed for drop in replacement of competitor valves and new installation on potable water lines to protect against both backsiphonage and backpressure of polluted water into the potable water supply. The Model 450ST shall provide protection in a low hazard health application. Ideal for use where lead-free valves are required.

### FEATURES

- 4" - 10"
- 175 psi max
- 140°F max
- n-Pattern space saving design
- Stainless steel body
- Direct drop in replacement of competitor valves

### APPROVALS AND APPLICABLE STANDARDS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, UL® Classified, FM® Approved, C-UL® Classified, CSA® Certified, AWWA Compliant C511 (with gates only), and C550
- Certified to NSF/ANSI 61

### ACCESSORIES

- Air gap (Model AG)
- Valve setter (Model FLSST or MJSST or MJSST)
- OS&Y gate valve supervisory switch (OSY-40)
- Repair kits
- 4" to 3" adaptor (RFK4X3-400ST)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450ST: FLANGED NRS X FLANGED NRS</b>		
4"	4-450ST	6,885.00
6"	6-450ST	10,115.00
8"	8-450ST	17,475.00
10"	10-450ST	28,150.00

*For grooved options, part number will be designated using "GF", "FG", or "G" (e.g. 4-450STFG, 4-450STGF, 4-450STG)*

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450STOSY: FLANGED OSY X FLANGED OSY</b>		
4"	4-450STOSY	7,165.00
6"	6-450STOSY	10,314.00
8"	8-450STOSY	18,442.00
10"	10-450STOSY	28,303.00

*For grooved options, part number will be designated using "GF", "FG", or "G" (e.g. 4-450STOSYFG, 4-450STOSYGF, 4-450STOSYG)*

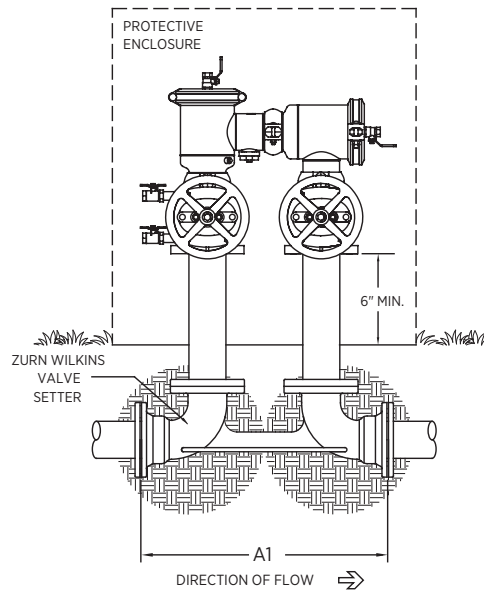
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450STBG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-450STBG	6,994.00
6"	6-450STBG	10,577.00
8"	8-450STBG	18,233.00
10"	10-450STBG	29,385.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450STBF: FLANGED BF X FLANGED BF (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-450STBF	7,152.00
6"	6-450STBF	10,789.00
8"	8-450STBF	18,444.00
10"	10-450STBF	29,605.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450STPI: FLANGED PI X FLANGED PI</b>		
4"	4-450STPI	6,937.00
6"	6-450STPI	10,485.00
8"	8-450STPI	18,092.00
10"	10-450STPI	28,968.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450STR: FLANGED NRS X FLANGED NRS REPLACEMENT BACKFLOW</b>		
4"	4-450STR	7,052.00
6"	6-450STR	10,292.00
8"	8-450STR	18,028.00
10"	10-450STR	28,850.00

### TYPICAL INSTALLATION



**OUTDOOR INSTALLATION**



# 450 SERIES – DOUBLE CHECK VALVE ASSEMBLY



## APPLICATIONS

A large diameter double check in the "n" pattern, for new or retrofit installations in tight locations.

## FEATURES

- 2-1/2" - 10"
- 175 psi max
- 140°F max
- n-Pattern space saving design
- Epoxy coated ductile iron body
- Utilizes modular, center-stem guided Compound Check

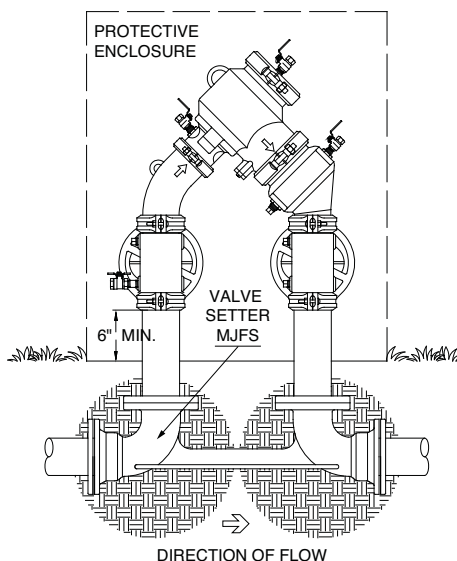
## APPROVALS AND APPLICABLE STANDARDS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1015, IAPMO® Listed, AWWA Compliant, UL® Classified, C-UL® Classified, FM® Approved
- CSA® Certified
- Certified to NSF/ANSI 61 and 372

## ACCESSORIES

- Thermal expansion tank (Model XT)
- Valve setter (Model FLS or MJS or MJFS)
- OS&Y gate valve supervisory switch (OSY-40)
- Quick test set (QT-SET)
- Repair kits

## TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-450	4,003.00
3"	3-450	4,215.00
4"	4-450	6,180.00
6"	6-450	9,077.00
8"	8-450	15,683.00
10"	10-450	25,263.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-450FG, 4-450GF, 10-450G).

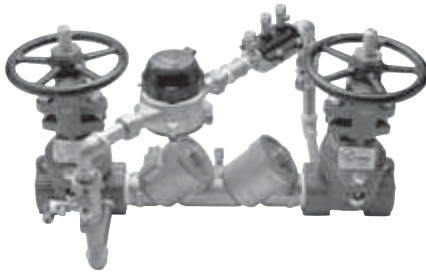
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>4500SY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-4500SY	4,651.00
3"	3-4500SY	4,846.00
4"	4-4500SY	6,430.00
6"	6-4500SY	9,256.00
8"	8-4500SY	16,550.00
10"	10-4500SY	25,401.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-4500SYFG, 4-4500SYGF, 10-4500SYG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450BG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-450BG	7,256.00
6"	6-450BG	10,759.00
8"	8-450BG	18,487.00
10"	10-450BG	27,256.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450BF: FLANGED BF X FLANGED BF (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-450BF	7,602.00
6"	6-450BF	11,220.00
8"	8-450BF	18,948.00
10"	10-450BF	27,738.00

# 950XLTD SERIES – DOUBLE CHECK DETECTOR ASSEMBLY



## APPLICATIONS

Double Check Detector Assembly for residential and light commercial Fire Protection Systems.

## FEATURES

- Available in 2" only
- 175 psi max
- 180°F max
- The by-pass assembly consists of a water meter (gallons standard) in series with a double check backflow preventer
- Bronze body construction

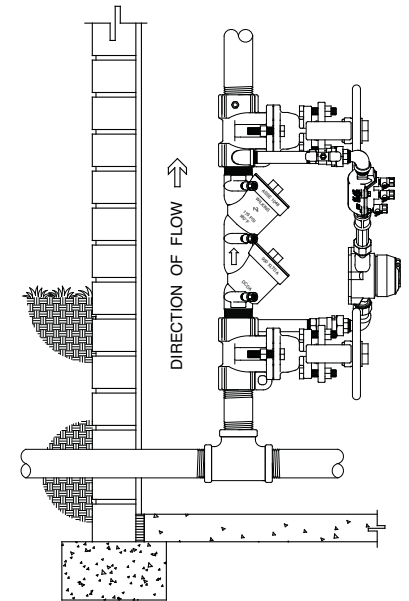
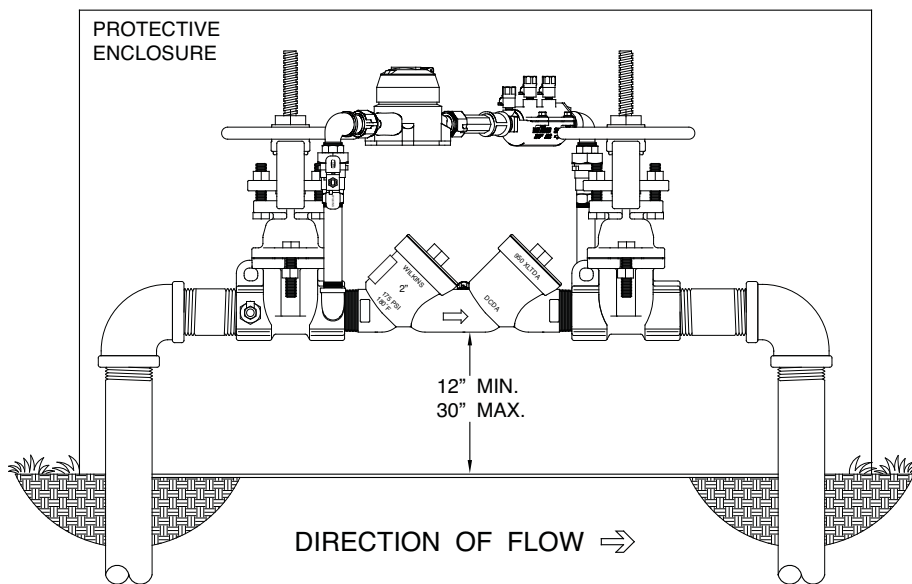
## APPROVALS AND APPLICABLE STANDARDS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1048, UL® Classified, C-UL® Classified

## ACCESSORIES

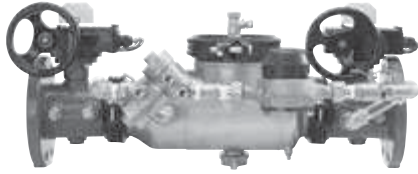
- OS&Y gate valve supervisory switch (OSY-40)
- Quick test set (QT-SET)
- Repair kits

## TYPICAL INSTALLATION



SIZE	OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>950XLTD: FNPT OSY X FNPT OSY</b>			
2"	GPM Meter	2-950XLTD	5,401.00
2"	CFM Meter	2-950XLTDACFM	5,401.00
2"	SCFM Meter	2-950XLTDASCFM	5,564.00
2"	Less Meter	2-950XLTDALM	5,033.00
<b>950XLTDABFSS: FNPT BF X FNPT BF, SUPERVISORY SWITCH (TAMPURED BUTTERFLY VALVES)</b>			
2"	GPM Meter	2-950XLTDABFSS	3,431.00
2"	CFM Meter	2-950XLTDABFSSCFM	3,431.00
2"	SCFM Meter	2-950XLTDABFSSSCFM	3,594.00
2"	Less Meter	2-950XLTDABFSSLM	3,063.00
<b>950XLTDAF: OVAL METER FLANGE X OVAL METER FLANGE</b>			
2"	GPM Meter	2-950XLTDAF	2,460.00
2"	CFM Meter	2-950XLTDAFCFM	2,460.00
2"	SCFM Meter	2-950XLTDAFSCFM	2,498.00
2"	Less Meter	2-950XLTD AFLM	2,092.00
<b>950XLTD: MNPT X MNPT, LESS SHUT-OFF VALVES</b>			
2"	GPM Meter	2-950XLTD	1,960.00

# 350ASTDA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY



## APPLICATIONS

Fire protection double check detector constructed around a corrosion resistant, stainless steel body. Used in low health hazard applications.

## FEATURES

- 2-1/2" - 10"
- 175 psi max
- 140°F max
- Grooved or flanged end connections
- Improved Compound Check design
- Lower maintenance costs from corrosion resistance of stainless body

## APPROVALS AND APPLICABLE STANDARDS

- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1048, AWWA Compliant C510 (with gates only) and C550, UL® Classified, C-UL® Classified, FM® Approved, CSA® Certified B64.5
- Certified to NSF/ANSI 61 and 372

## ACCESSORIES

- Thermal expansion tank (Model XT)
- OS&Y Gate valve tamper switch (OSY-40)
- Available with CFM water meter (5/8" x 3/4")
- Repair kits

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTDA: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-350ASTDA	4,903.00
3"	3-350ASTDA	5,562.00
4"	4-350ASTDA	5,798.00
6"	6-350ASTDA	8,557.00
8"	8-350ASTDA	15,058.00
10"	10-350ASTDA	22,978.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ADAFG, 4-350ADAGF, 10-350ADAG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTDAPI: FLANGED PI X FLANGED PI</b>		
2-1/2"	212-350ASTDAPI	4,903.00
3"	3-350ASTDAPI	5,562.00
4"	4-350ASTDAPI	5,798.00
6"	6-350ASTDAPI	8,557.00
8"	8-350ASTDAPI	15,058.00
10"	10-350ASTDAPI	22,978.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ASTDAPIFG, 4-350ASTDAPIFG, 10-350ASTDAPIFG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTDABG: GROOVED BG X GROOVED BG (TAMPED BUTTERFLY VALVES)</b>		
2-1/2"	212-350ASTDABG	5,239.00
3"	3-350ASTDABG	6,063.00
4"	4-350ASTDABG	6,383.00
6"	6-350ASTDABG	9,421.00
8"	8-350ASTDABG	16,579.00
10"	10-350ASTDABG	25,645.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ASTDABF: FLANGED BF X FLANGED BF (TAMPED BUTTERFLY VALVES)</b>		
2-1/2"	212-350ASTDABF	5,379.00
3"	3-350ASTDABF	6,313.00
4"	4-350ASTDABF	6,658.00
6"	6-350ASTDABF	9,779.00
8"	8-350ASTDABF	16,964.00
10"	10-350ASTDABF	26,104.00

SIZE	LEAD-FREE LIST PRICE EA.
<b>350ASTDA OSY &amp; PI SHUT-OFF VALVE COMBINATIONS</b>	
2-1/2" - 10"	Use OSY Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ASTDAPIOSYFG, 4-350ASTDAOSYPIGF, 10-350ASTDAOSYPIG).

## OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

SIZE	LEAD-FREE LIST PRICE EA.
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### CUBIC FEET METER (CFM) OPTION

2-1/2" - 10"	No Charge
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Part number will be designated using "CFM" (e.g. 212-350ASTDACFM, 4-350ASTDACFMBG, 10-350ASTDACFMOSYPIG).

### SENSUS CUBIC FEET METER (SCFM) OPTION

2-1/2" - 10"	207.00
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Part number will be designated using "SCFM" (e.g. 212-350ASTDASCFM, 4-350ASTDASCFMBG, 10-350ASTDASCFMOSYPIG).

## 300AR SERIES - REPLACEMENT BACKFLOW ASSEMBLY (2-1/2" - 10")

Custom length Double Check Valve Assembly for drop in replacements. Stainless steel grooved x grooved spool installed between the backflow valve and the outlet shut-off valve. Can be used with 350 Series and 375 Series grooved body models. For replacement of longer lay-length backflow preventers.

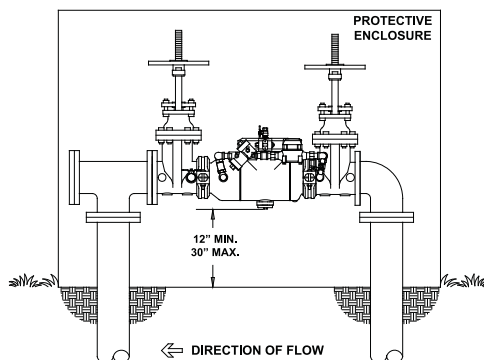
350ASTDAR list price adder to be added to list price of the 350ASTDA to determine total list price.

See order form and product specification sheet on the website for details and options.

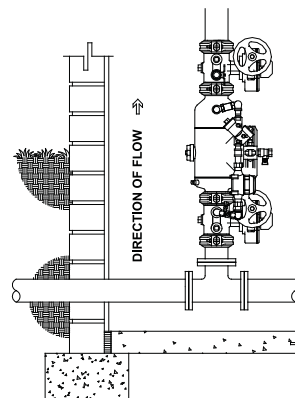
SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE LIST PRICE ADDER EA.
2-1/2"	Length Range: Up to 47-1/8"	605.00
3"	Length Range: Up to 48-1/8"	630.00
4"	Length Range: Up to 62-1/4"	729.00
6"	Length Range: Up to 71-1/4"	972.00
8"	Length Range: Up to 86"	1,300.00
10"	Length Range: Up to 100-5/8"	1,576.00

Part number will be designated using "350ASTDAR-A".

## TYPICAL INSTALLATION



ZURN WILKINS MODEL 350ASTDA  
OUTDOOR HORIZONTAL INSTALLATION



ZURN WILKINS MODEL 350ASTDABG  
INDOOR VERTICAL INSTALLATION

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

# 350ADA/350DA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY



## APPLICATIONS

Ideal for fire protection applications. Epoxy coated, ductile iron Zurn Wilkins 350 series Double Check Valve Assembly with integral by-pass consisting of a water meter in series with a double check backflow preventer.

## FEATURES

- 350ADA: 2-1/2" - 10"
- 350DA: 2-1/2" - 12" [flanged body]
- 175 psi max
- 140°F max
- Resilient wedge OS&Y gate valves standard
- Epoxy-coated ductile iron body
- Modular check design

## APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California (2-1/2" - 10" 350ADA/350DA, 12" 350DA)
- ASSE® Listed 1048, UL® Classified, C-UL® Classified, FM® Approved, CSA® Classified, AWWA Compliant
- 12" UL classified (horizontal only)
- Certified to NSF/ANSI 61 and 372

## ACCESSORIES

- OS&Y gate valve supervisory switch (OSY-40)
- Available with CFM water meter (5/8" x 3/4")
- Repair kits

## TYPICAL INSTALLATION

See next page

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ADA (GROOVED BODY): FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-350ADA	4,903.00
3"	3-350ADA	5,562.00
4"	4-350ADA	5,798.00
6"	6-350ADA	8,557.00
8"	8-350ADA	15,058.00
10"	10-350ADA	22,978.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ADAFG, 4-350ADAGF, 10-350ADAG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ADAPI (GROOVED BODY): FLANGED PI X FLANGED PI</b>		
2-1/2"	212-350ADAPI	4,903.00
3"	3-350ADAPI	5,562.00
4"	4-350ADAPI	5,798.00
6"	6-350ADAPI	8,557.00
8"	8-350ADAPI	15,058.00
10"	10-350ADAPI	22,978.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ADAPIFG, 4-350ADAPIFG, 10-350ADAPIG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ADABG (GROOVED BODY): GROOVED BG X GROOVED BG (TAMPED BUTTERFLY VALVES)</b>		
2-1/2"	212-350ADABG	5,239.00
3"	3-350ADABG	6,063.00
4"	4-350ADABG	6,383.00
6"	6-350ADABG	9,421.00
8"	8-350ADABG	16,579.00
10"	10-350ADABG	25,645.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350ADABF (GROOVED BODY): FLANGED BF X FLANGED BF (TAMPED BUTTERFLY VALVE)</b>		
2-1/2"	212-350ADABF	5,379.00
3"	3-350ADABF	6,313.00
4"	4-350ADABF	6,658.00
6"	6-350ADABF	9,779.00
8"	8-350ADABF	16,964.00
10"	10-350ADABF	26,105.00

SIZE	LEAD-FREE LIST PRICE EA.
<b>350ADA OSY &amp; PI SHUT-OFF VALVE COMBINATIONS</b>	
2-1/2"-10"	Use OSY Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350ADAPIOSYFG, 4-350ADAOSYPIGF, 10-350ADAOSYPIG).

## OPTIONS AND LIST PRICE ADDERS

(ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

### 300AR SERIES - REPLACEMENT BACKFLOW ASSEMBLY (2-1/2" - 10")

Custom length Double Check Valve Assembly for drop in replacements. Stainless steel grooved x grooved spool installed between the backflow valve and the outlet shut-off valve. Can be used with 350 Series and 375 Series grooved body models. For replacement of longer lay-length backflow preventers.

350ADAR list price adder to be added to list price of the 350ADA to determine total list price.

See order form and product specification sheet on the website for details and options.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE LIST PRICE ADDER EA.
2-1/2"	Length Range: Up to 47-1/8"	605.00
3"	Length Range: Up to 48-1/8"	630.00
4"	Length Range: Up to 62-1/4"	729.00
6"	Length Range: Up to 71-1/4"	972.00
8"	Length Range: Up to 86"	1,300.00
10"	Length Range: Up to 100-5/8"	1,576.00

Part number will be designated using "350ADAR-A".

BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS

# 350ADA/350DA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY (CONTINUED)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350DA (FLANGED BODY): FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-350DA	4,903.00
3"	3-350DA	5,562.00
4"	4-350DA	5,798.00
6"	6-350DA	8,557.00
8"	8-350DA	15,058.00
10"	10-350DA	22,978.00
12"	12IN-350DA	37,025.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350DAFG, 4-350DAGF, 10-350DAG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350DAPI (FLANGED BODY): FLANGED PI X FLANGED PI</b>		
2-1/2"	212-350DAPI	4,903.00
3"	3-350DAPI	5,562.00
4"	4-350DAPI	5,798.00
6"	6-350DAPI	8,557.00
8"	8-350DAPI	15,058.00
10"	10-350DAPI	22,978.00
12"	12IN-350DAPI	37,025.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350DAPIFG, 4-350DAPIGF, 10-350DAPIG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>350DA (FLANGED BODY): OSY &amp; PI SHUT-OFF VALVE COMBINATIONS</b>		
2-1/2"-12"		Use OSY Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-350DAPIOSYFG, 4-350DAOSYPIGF, 10-350DAOSYPIG).

## OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

SIZE	LEAD-FREE LIST PRICE EA.
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### CUBIC FEET METER (CFM) OPTION

2-1/2" - 12"	No Charge
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Part number will be designated using "CFM" (e.g. 212-350DACFM, 4-350DACFMFG, 10-350DACFMOSYPIG).

### SENSUS CUBIC FEET METER (SCFM) OPTION

2-1/2" - 12"	207.00
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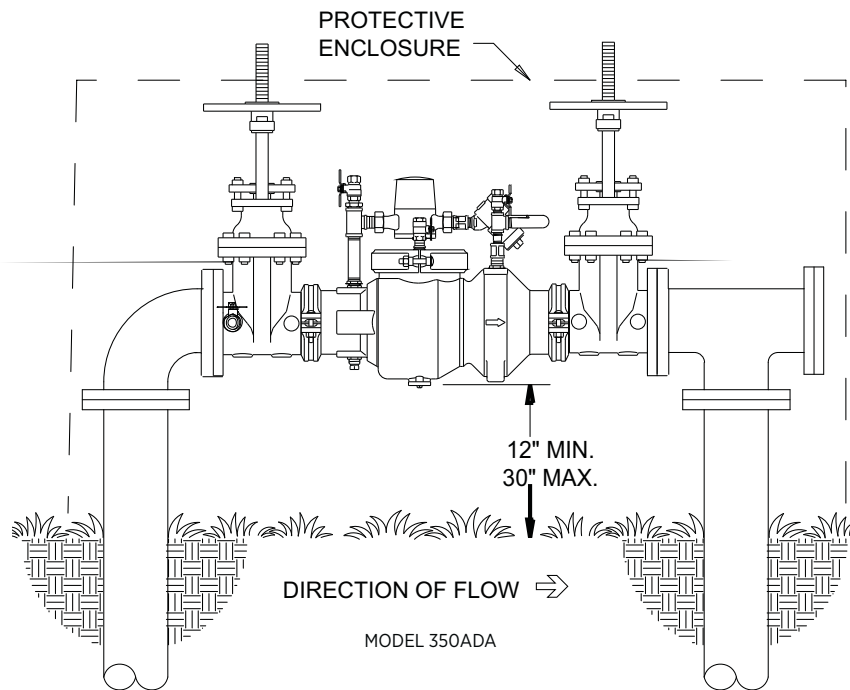
Part number will be designated using "SCFM" (e.g. 212-350DASC FM, 4-350DASC FMFG, 10-350DASC FMOSYPIG).

### LESS METER (LM) OPTION

2-1/2" - 12"	(324.00)
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Part number will be designated using "LM" (e.g. 212-350DALM, 4-350DALMFG, 10-350DALMOSYPIG).

## TYPICAL INSTALLATION



## 450STDA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY



### APPLICATIONS

Designed for drop in replacement of competitor valves and new installation on water lines in fire protection systems to protect against both backsiphonage and backpressure of polluted water into the potable water supply. Model 450STDA shall provide protection in a low hazard health application. Incorporates metered by-pass to detect leaks and unauthorized water use.

### FEATURES

- 4" - 10"
- 175 psi max
- 140°F max
- n-Pattern space saving design
- Stainless steel body
- Direct drop in replacement of competitor valves
- The by-pass assembly consists of a water meter in series with a reduced pressure principle backflow preventer

### APPROVALS AND APPLICABLE STANDARDS

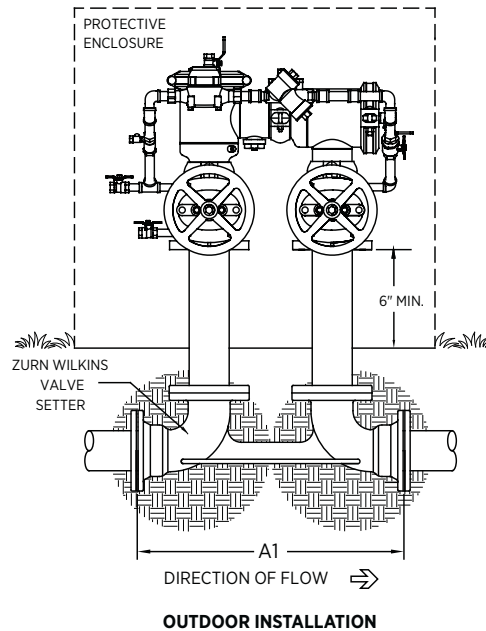
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, UL® Classified, FM® Approved, UL® Classified, CSA® Certified, AWWA Compliant C511 (with gates only), and C550
- Certified to NSF/ANSI 61

### ACCESSORIES

- Air gap (Model AG)
- Valve setter (Model FLSST or MJSST)
- OS&Y gate valve supervisory switch (OSY-40)
- Repair kits
- 4" to 3" adaptor (RFK4X3-400ST)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450STDA: FLANGED OSY X FLANGED OSY</b>		
4"	4-450STDA	7,915.00
6"	6-450STDA	11,338.00
8"	8-450STDA	21,327.00
10"	10-450STDA	29,658.00
<b>450STDAR: FLANGED OSY X FLANGED OSY REPLACEMENT BACKFLOW</b>		
4"	4-450STDAR	8,074.00
6"	6-450STDAR	11,501.00
8"	8-450STDAR	21,904.00
10"	10-450STDAR	30,308.00

### TYPICAL INSTALLATION



# 450DA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY



## APPLICATIONS

A large diameter Double Check Detector Assembly for low health hazard fire applications. Excellent for new or retrofit installations in tight locations.

## FEATURES

- 4", 6", 8", 10"
- 175 psi max
- 140°F max
- n-Pattern space saving design
- OS&Y gate valves standard
- Epoxy coated ductile iron body
- Utilizes a patented center-stem guided Compound Check closure

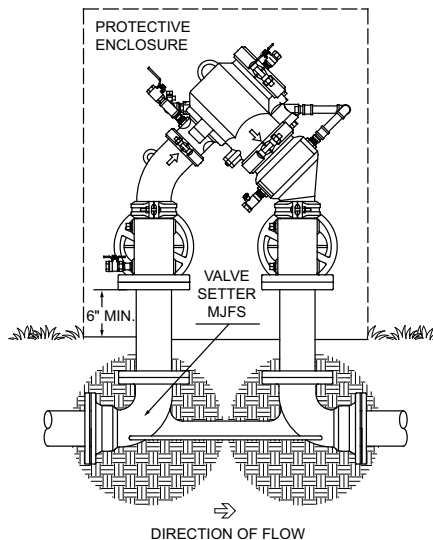
## APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1048, UL® Classified, FM® Approved, C-UL® Classified, AWWA Compliant, CSA® Certified
- Certified to NSF/ANSI 61 and 372

## ACCESSORIES

- Valve setter (Model FLS or MJS or MJFS)
- OS&Y gate valve supervisory switch (OSY-40)
- Quick test set (QT-SET)
- Available with CFM water meter (5/8" x 3/4")
- Repair kits

## TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450DA: FLANGED X FLANGED OS&amp;Y GATE VALVES</b>		
4"	4-450DA	7,290.00
6"	6-450DA	10,443.00
8"	8-450DA	19,643.00
10"	10-450DA	27,317.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-450DAFG, 6-450DAGF, 10-450DAG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450DABG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVE)</b>		
4"	4-450DABG	8,026.00
6"	6-450DABG	11,499.00
8"	8-450DABG	21,627.00
10"	10-450DABG	29,044.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>450DABF: FLANGED BF X FLANGED BF (TAMPURED BUTTERFLY VALVE)</b>		
4"	4-450DABF	8,355.00
6"	6-450DABF	11,585.00
8"	8-450DABF	22,109.00
10"	10-450DABF	29,492.00

SIZE	LEAD-FREE LIST PRICE EA.
<b>450DA OSY &amp; PI SHUT-OFF VALVE COMBINATIONS</b>	
4" - 10"	Use OSY Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-450DAPIOSYFG, 6-450DAOSYPIGF, 10-450DAOSYPIG).

## OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

CUBIC FEET METER (CFM) OPTION	4" - 10"
	No Charge

Part number will be designated using "CFM" (e.g. 4-450DACFM, 6-450DACFMBG, 10-450DACFMOSYPIG).

SENSUS CUBIC FEET METER (SCFM) OPTION	4" - 10"
	207.00

Part number will be designated using "SCFM" (e.g. 4-450DASCFM, 6-450DASCFMBG, 10-450DASCFMOSYPIG).

LESS METER (LM) OPTION	4" - 10"
	(324.00)

Part number will be designated using "LM" (e.g. 4-450DALM, 6-450DALMBG, 10-450DALMOSYPIG).

## 375XL/375 SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY



### APPLICATIONS

A high health hazard level of protection in a small, modular package, the 375XL and 375 are the top of the line in backflow prevention assemblies. This patented, unique design allows for rapid commissioning and winterizing because the entire pressure vessel can be removed for line flushing.

### FEATURES

- 1/2" - 2"
- 175 psi max
- 180°F max
- Short lay length – fits in smaller area
- Removable pressure vessel simplifies service and maintenance
- Composite housing and check modules resist corrosion

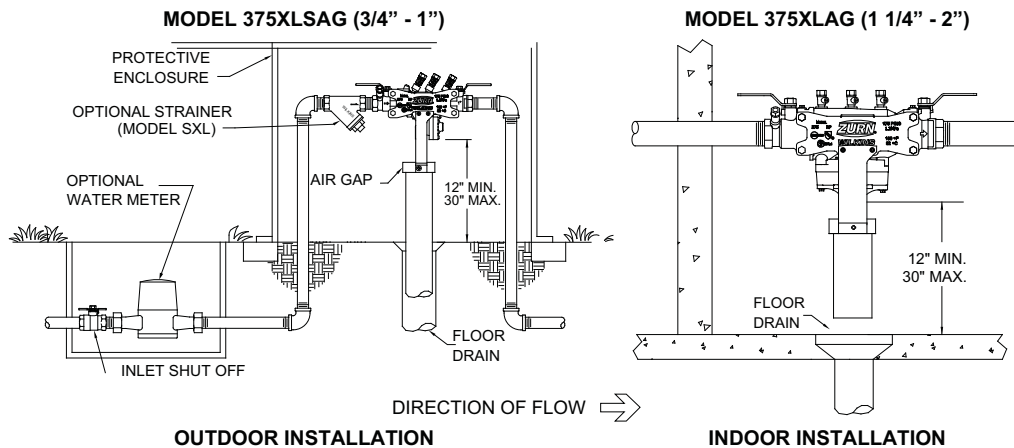
### APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, IAPMO® Listed, CSA® Certified, AWWA compliant C511
- 375XL is certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Air gap (Model AG)
- Thermal expansion tank (Model XT)
- Soft seated check valve (Model 40XL2)
- Water hammer arrestor (Model I260XL)
- Quick test set (QT-SET)
- Flush fitting/blow out kit (RK34-375FLUSH or RK1-375FLUSH or RK114-350-375FLUSH)
- Bronze wye strainer (Model SXL)

### TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>375XL/375: FNPT X FNPT</b>				
1/2"	12-375XL	743.00	12-375	526.00
3/4"	34-375XL	758.00	34-375	536.00
1"	1-375XL	802.00	1-375	566.00
1-1/4"	114-375XL	1,400.00	114-375	1,054.00
1-1/2"	112-375XL	1,410.00	112-375	1,088.00
2"	2-375XL	1,562.00	2-375	1,167.00
<b>OPTIONS AND LIST PRICE ADDERS</b>				
<b>(ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>				
<b>FAST-TEST TEST COCKS (FT) OPTION (E.G. 2-375XLFT), 1/2" THROUGH 1" USC APPROVED</b>				
1/2" - 2"	No Charge			No Charge
<b>AIR GAP (AG) OPTION (E.G. 2-375XLAG)</b>				
1/2" - 1"	AG Option, Composite Air Gap (AG-11)	100.00		100.00
1-1/4" - 2"	AG Option, Composite Air Gap (AG-12)	131.00		131.00
<b>LEAD-FREE BRONZE WYE STRAINER (S) OPTION WITH NIPPLE (E.G. 2-375XLS)</b>				
1/2"		87.00		-
3/4"		95.00		-
1"		110.00		-
1-1/4"		160.00		-
1-1/2"		218.00		-
2"		318.00		-
<b>STREET ELBOWS (SE) OPTION (E.G. 2-375XLSE)</b>				
1/2"		113.00		-
3/4"		132.00		-
1"		150.00		-
1-1/4"		202.00		-
1-1/2"		202.00		-
2"		252.00		-



## 375XLB SERIES – THEFT PREVENTION REDUCED PRESSURE PRINCIPLE ASSEMBLY



### APPLICATIONS

Theft deterrent version of the 375XL, with durable black UV stabilized fusion epoxy coating applied to the exterior bronze. Ideal for high visibility outdoor irrigation, plumbing, and waterworks applications.

### FEATURES

- 1/2" - 2"
- 175 psi max
- 180°F max
- Durable black UV stabilized fusion epoxy coating applied to the exterior bronze ball valves
- Stainless steel struts are uncoated
- Short lay length – fits in smaller area
- Removable pressure vessel eliminates the need of union connections
- Composite housing and check modules resist corrosion

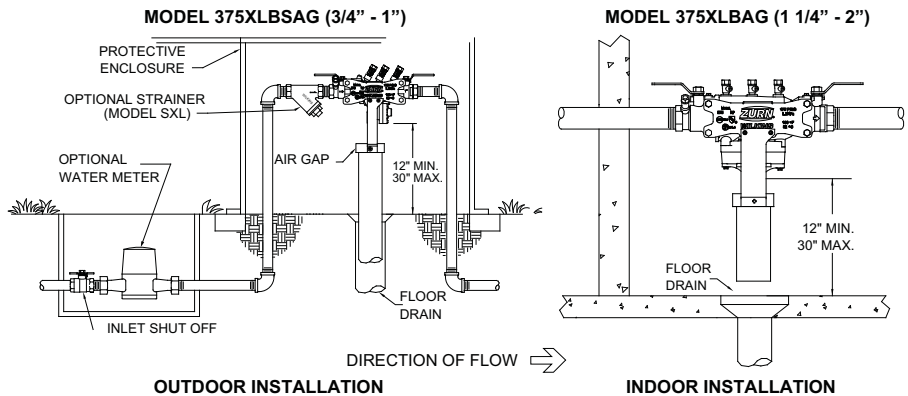
### APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, IAPMO® Listed, CSA® Certified B64.4, AWWA compliant C511
- UL® Classified, C-UL® Classified
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

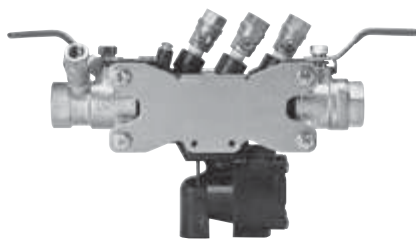
- Thermal expansion tank (Model XT)
- Soft seated check valve (Model 40XL2)
- Water hammer arrester (Model 1260XL)
- QT-SET Quick Test Fitting Set
- Flush fitting/blow out kit (RK34-375FLUSH, RK1-375FLUSH or RK114-350-375FLUSH)
- Air gap (Model AG)
- SXL strainer
- Repair kits

### TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375XLB: FNPT X FNPT, BLACK ANTI-THEFT COATING</b>		
1/2"	12-375XLB	747.00
3/4"	34-375XLB	760.00
1"	1-375XLB	804.00
1-1/4"	114-375XLB	1,362.00
1-1/2"	112-375XLB	1,380.00
2"	2-375XLB	1,528.00

## 375ST SERIES – STAINLESS STEEL REDUCED PRESSURE PRINCIPLE ASSEMBLY



### APPLICATIONS

The Reduced Pressure Principal Assembly for high hazard applications in corrosive environments, such as medical, food processing, distilleries, and brewery applications.

### FEATURES

- 1/2" - 1"
- 175 psi max
- 180°F max
- Short lay length – fits in smaller area
- Plastic pressure vessel and stainless steel struts are corrosion resistant
- Removable pressure vessel simplifies service and maintenance

### APPROVALS AND APPLICABLE SPECIFICATIONS

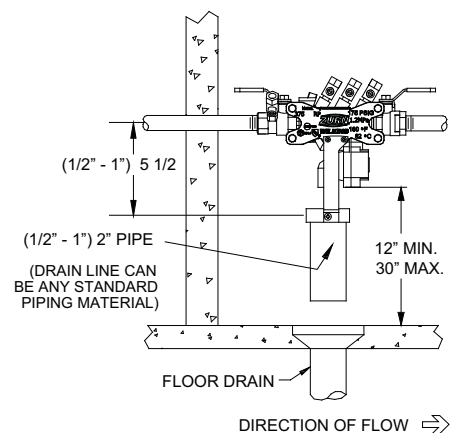
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, CSA B64.4
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Air gap (Model AG)
- Thermal expansion tank (Model XT)
- Quick test set (QT-SET)
- Flush fitting/blow out kit (RK34-375FLUSH or RK1-375FLUSH or RK114-350-375FLUSH)
- Repair kits

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ST: FNPT X FNPT, STAINLESS STEEL</b>		
1/2"	12-375ST	2,526.00
3/4"	34-375ST	3,009.00
1"	1-375ST	3,280.00

### TYPICAL INSTALLATION



For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## 975XL2/975XL SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY



### APPLICATIONS

The 975XL2 provides high hazard backflow protection in all market segments.

### FEATURES

- 1/4" - 1/2" [top access design]
- 3/4" - 2" [wye pattern design]
- 175 psi max
- 180°F max
- Individual access covers for ease of repair
- Bronze body construction
- Noryl® replaceable seats

### APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, IAPMO® Listed, CSA® Certified B64.4, AWWA compliant C511, UL® Classified, C-UL® Classified
- Model 975XL2 is certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Air gap (Model AG)
- Thermal expansion tank (Model XT)
- Soft seated check valve (Model 40XL2)
- Water hammer arrestor (Model 1260XL)
- SXL strainer
- Repair kits

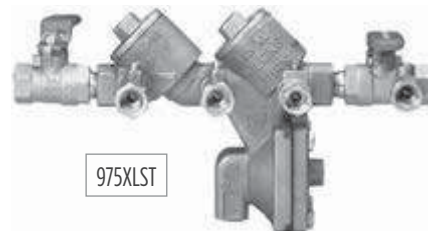
### TYPICAL INSTALLATION

See next page

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>975XL2/975XL: FNPT X FNPT</b>				
1/4"	14-975XL2	709.00	-	-
3/8"	38-975XL2	726.00	-	-
1/2"	12-975XL2	841.00	-	-
3/4"	34-975XL2	879.00	34-975XL	627.00
1"	1-975XL2	930.00	1-975XL	664.00
1-1/4"	114-975XL2	1,618.00	114-975XL	1,236.00
1-1/2"	112-975XL2	1,630.00	112-975XL	1,275.00
2"	2-975XL2	1,809.00	2-975XL	1,368.00
<b>975XL2U/975XLU: FNPT UNION X FNPT UNION</b>				
3/4"	34-975XL2U	822.00	34-975XLU	693.00
1"	1-975XL2U	902.00	1-975XLU	759.00
1-1/4"	114-975XL2U	1,627.00	-	-
1-1/2"	112-975XL2U	1,650.00	-	-
2"	2-975XL2U	2,051.00	-	-
<b>975XL2: FNPT X FNPT, LESS SHUT-OFF VALVES</b>				
1/4"	14-975LXL2	643.00	-	-
3/8"	38-975LXL2	653.00	-	-
1/2"	12-975LXL2	636.00	-	-
<b>975XL2/975LXL: MNPT X MNPT, LESS SHUT-OFF VALVES</b>				
3/4"	34-975LXL2	763.00	34-975LXL	493.00
1"	1-975LXL2	765.00	1-975LXL	521.00
1-1/4"	114-975LXL2	1,287.00	114-975LXL	970.00
1-1/2"	112-975LXL2	1,227.00	112-975LXL	1,002.00
2"	2-975LXL2	1,239.00	2-975LXL	1,075.00
<b>975XLBFB: FNPT BF X FNPT BF (TAMPED BUTTERFLY VALVES), SUPERVISORY SWITCH</b>				
1-1/4"	-	-	114-975XLBFBSS	2,372.00
1-1/2"	-	-	112-975XLBFBSS	2,496.00
2"	-	-	2-975XLBFBSS	2,704.00
<b>975XLOS: FNPT OSY X FNPT OSY</b>				
3/4"	-	-	34-975XLOS	1,611.00
1"	-	-	1-975XLOS	1,713.00
1-1/4"	-	-	114-975XLOS	2,038.00
1-1/2"	-	-	112-975XLOS	1,991.00
2"	-	-	2-975XLOS	2,587.00
<b>975XLDFC: FIRE HOSE CONNECTIONS, 2-1/2" FEMALE NATIONAL HOSE THD SWIVEL X 2-1/2" MALE NATIONAL HOSE THD</b>				
2"	-	-	2-975XLDFC	1,772.00
<b>975XLD: MNPT X MNPT, LESS BALL VALVES, RPDA BY-PASS ASSEMBLY FOR 375DA, 375ADA, 375ASTDA, 475DA AND 475DAV</b>				
3/4"	34-975XLD	577.00	-	-

## 975XLST SERIES – STAINLESS STEEL REDUCED PRESSURE PRINCIPLE ASSEMBLY

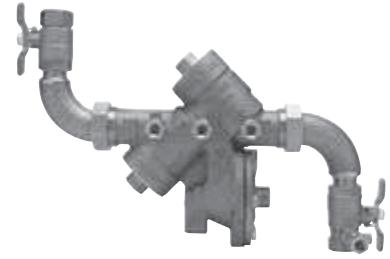
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>975XLST: FNPT X FNPT, STAINLESS STEEL BODY</b>		
3/8"	38-975XLST	3,085.00
1/2"	12-975XLST	3,085.00



975XLST

## 975XL2/975XL SERIES - REDUCED PRESSURE PRINCIPLE ASSEMBLY (CONTINUED)

### 975XL2SE / 975XL2SEU SERIES - REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH 90° STREET ELBOW

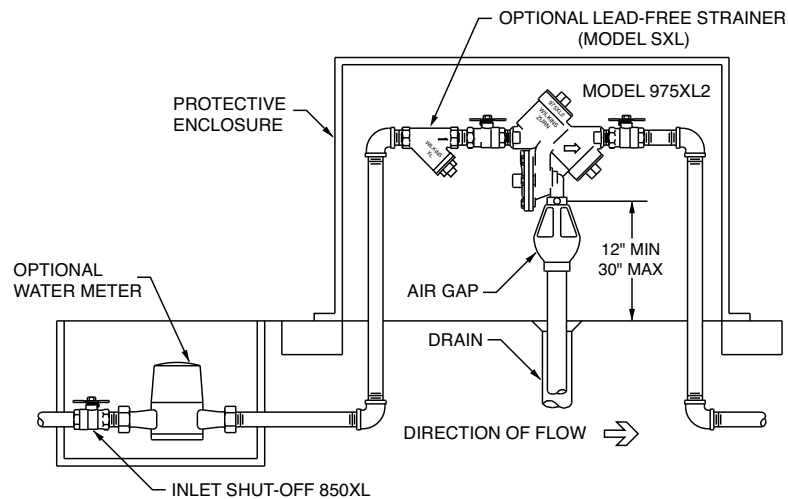


SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>975XL2SE: FNPT X FNPT, SWEEP ELBOWS, STANDARD BALL VALVES</b>		
3/4"	34-975XL2SE	1,265.00
1"	1-975XL2SE	1,310.00
<b>975XL2SEU: FNPT X FNPT, STREET ELBOWS, UNION BALL VALVES</b>		
3/4"	34-975XL2SEU	1,470.00
1"	1-975XL2SEU	1,545.00
1-1/4"	114-975XL2SEU	1,958.00
1-1/2"	112-975XL2SEU	2,053.00
2"	2-975XL2SEU	2,360.00

See 975XL for available options.

OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)		
SIZE	LEAD-FREE LIST PRICE EA.	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FAST-TEST TEST COCKS (FT) OPTION (E.G. 2-975XL2FT), 1/4" THROUGH 1" USC APPROVED</b>		
1/4" - 2"	No Charge	No Charge
<b>AIR GAP (AG) OPTION</b>		
1/4" - 1/2" AG-8	115.00	115.00
3/4" - 1" AG-4	123.00	123.00
1-1/4" - 2" AG-5	166.00	166.00
<b>LEAD-FREE BRONZE WYE STRAINER (S) OPTION WITH NIPPLE (E.G. 2-975XL2S)</b>		
3/8"	72.00	-
1/2"	87.00	-
3/4"	95.00	-
1"	110.00	-
1-1/4"	160.00	-
1-1/2"	218.00	-
2"	318.00	-
<b>TEST COCKS UP (TCU) OPTION (E.G. 2-975XL2TCU)</b>		
1/4" - 2"	86.00	86.00

### TYPICAL INSTALLATION



## 375AST SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY



### APPLICATIONS

Zurn Wilkins state of the art Reduced Pressure Principle Assembly for high hazard applications in all market segments.

### FEATURES

- 2-1/2" - 10"
- 175 psi max
- 140°F max
- Grooved or flanged end connections
- Improved Compound Check design
- Short lay-length for small space installation
- Lower maintenance costs from corrosion resistance of stainless body

### APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, AWWA Compliant C511 (with gates only), and C550, FM® Approved, UL® Classified, C-UL® Classified, CSA® Certified, IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- OS&Y Gate valve tamper switch (OSY-40)
- Air gap (Model AG)
- FSC strainer
- Repair kits

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375AST: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-375AST	4,416.00
3"	3-375AST	4,518.00
4"	4-375AST	5,132.00
6"	6-375AST	9,538.00
8"	8-375AST	18,235.00
10"	10-375AST	25,607.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375ASTFG, 4-375ASTGF, 10-375ASTG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ASTOSY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-375ASTOSY	4,814.00
3"	3-375ASTOSY	4,945.00
4"	4-375ASTOSY	6,400.00
6"	6-375ASTOSY	9,990.00
8"	8-375ASTOSY	19,146.00
10"	10-375ASTOSY	26,524.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375ASTOSYFG, 4-375ASTOSYGF, 10-375ASTOSYG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ASTBG: GROOVED BG X GROOVED BG (TAMPED BUTTERFLY VALVES)</b>		
2-1/2"	212-375ASTBG	5,625.00
3"	3-375ASTBG	5,813.00
4"	4-375ASTBG	7,540.00
6"	6-375ASTBG	11,682.00
8"	8-375ASTBG	21,883.00
10"	10-375ASTBG	30,202.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ASTBF: FLANGED BF X FLANGED BF (TAMPED BUTTERFLY VALVES)</b>		
2-1/2"	212-375ASTBF	5,659.00
3"	3-375ASTBF	5,930.00
4"	4-375ASTBF	7,724.00
6"	6-375ASTBF	11,879.00
8"	8-375ASTBF	21,940.00
10"	10-375ASTBF	30,134.00

SIZE	LEAD-FREE LIST PRICE ADDER EA.
<b>375AST WITH OSY &amp; PI SHUT-OFF VALVE COMBINATIONS</b>	
2-1/2" - 10"	Use OSY Pricing

Part number will be designated using "GF", "FG" or "G" (e.g. 212-375ASTPIOSYFG, 4-375ASTOSYPIGF, 10-375ASTOSYPIG).

<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>		
<b>AIR GAP (-AG) OPTION</b>		
2-1/2" - 6"	AG Option, Iron Air Gap (AG-6)	211.00
8" - 10"	AG Option, Iron Air Gap (AG-7)	345.00

<i>Part number will be designated using "-AG" (e.g. 212-375A-AG, 4-375ALMFG-AG, 10-375AOSYPIG-AG).</i>		
<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>		
2-1/2"		551.00
3"		670.00
4"		1,091.00
6"		1,753.00
8"		3,480.00
10"		6,030.00

*Part number will be designated using "FSC" (e.g. 212-375AFSC, 4-375AOSYFSC, 10-375AOSYPIFSC).*

<b>RELIEF VALVE MONITOR SWITCH (MS) OPTION</b>		
2-1/2" - 6"		1,161.00
8" - 10"		1,588.00

*Part number will be designated using "MS" (e.g. 212-375AMS, 6-375AMSG, 10-375AMSOSYPIG).*

<b>300AR SERIES - REPLACEMENT BACKFLOW ASSEMBLY (2-1/2" - 10")</b>		
Custom length Double Check Valve Assembly for drop in replacements. Stainless steel grooved x grooved spool installed between the backflow valve and the outlet shut-off valve. Can be used with 350 Series and 375 Series grooved body models. For replacement of longer lay-length backflow preventers.		
375ASTR list price adder to be added to list price of the 375AST to determine total list price.		
See order form and product specification sheet on the website for details and options.		

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE LIST PRICE ADDER EA.
2-1/2"	Length Range: Up to 47-1/8"	605.00
3"	Length Range: Up to 48-1/8"	630.00
4"	Length Range: Up to 62-1/4"	729.00
6"	Length Range: Up to 71-1/4"	972.00
8"	Length Range: Up to 86"	1,300.00
10"	Length Range: Up to 100-5/8"	1,576.00

*Part number will be designated using "375ASTR-A".*

<i>Part number will be designated using "GF", "FG" or "G" (e.g. 212-375ASTPIOSYFG, 4-375ASTOSYPIGF, 10-375ASTOSYPIG).</i>		
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## 375A/375 SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY



### APPLICATIONS

Traditional Reduced Pressure Principal Assembly with an epoxy coated, ductile iron body. Used in high health hazard applications and all market segments.

### FEATURES

- 375A 2-1/2" - 10"
- 375 2-1/2" - 10"
- 175 psi max
- 140°F max
- Complete with two flange-ended non-rising stem resilient wedge gate valves and four resilient seated ball valve test cocks
- No threads or taps in body or cover, eliminating exposure to corrosion

### APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, UL® Classified, FM® Approved, AWWA Compliant, C-UL® Classified, CSA® Certified, IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Air gap (Model AG)
- Thermal expansion tank (Model XT)
- FSC strainer
- Repair kits

### TYPICAL INSTALLATION

See next page

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375A: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-375A	4,416.00
3"	3-375A	4,518.00
4"	4-375A	5,132.00
6"	6-375A	9,538.00
8"	8-375A	18,235.00
10"	10-375A	25,607.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375AFG, 4-375AGF, 10-375AG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375AOSY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-375AOSY	4,814.00
3"	3-375AOSY	4,945.00
4"	4-375AOSY	6,400.00
6"	6-375AOSY	9,990.00
8"	8-375AOSY	19,146.00
10"	10-375AOSY	26,524.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375AOSYFG, 4-375AOSYGF, 10-375AOSYSG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ABG: GROOVED BG X GROOVED BG (TAMPERS BUTTERFLY VALVES)</b>		
2-1/2"	212-375ABG	5,625.00
3"	3-375ABG	5,813.00
4"	4-375ABG	7,540.00
6"	6-375ABG	11,682.00
8"	8-375ABG	21,883.00
10"	10-375ABG	30,202.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ABF: FLANGED BF X FLANGED BF (TAMPERS BUTTERFLY VALVES)</b>		
2-1/2"	212-375ABF	5,659.00
3"	3-375ABF	5,930.00
4"	4-375ABF	7,724.00
6"	6-375ABF	11,879.00
8"	8-375ABF	21,940.00
10"	10-375ABF	30,134.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375A WITH OSY AND PI SHUT-OFF VALVE COMBINATIONS</b>		
2-1/2" - 10"	Use OSY Pricing	

Part number will be designated using "GF", "FG" or "G" (e.g. 212-375APIOSYFG, 4-375AOSYPIGF, 10-375AOSYPIG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375AL: GROOVED X GROOVED, LESS SHUT-OFF VALVES</b>		
2-1/2"	212-375AL	3,497.00
3"	3-375AL	3,768.00
4"	4-375AL	3,835.00
6"	6-375AL	7,040.00
8"	8-375AL	13,920.00
10"	10-375AL	16,717.00

Part number will be designated using "L" (e.g. 212-375AL, 6-375AL, 10-375AL).

### OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

#### 300AR SERIES - REPLACEMENT BACKFLOW ASSEMBLY (2-1/2" - 10")

Custom length Double Check Valve Assembly for drop in replacements. Stainless steel grooved x grooved spool installed between the backflow valve and the outlet shut-off valve. Can be used with 350 Series and 375 Series grooved body models. For replacement of longer lay-length backflow preventers.

375AR list price adder to be added to list price of the 375A to determine total list price.

See order form and product specification sheet on the website for details and options.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE LIST PRICE ADDER EA.
2-1/2"	Length Range: Up to 47-1/8"	605.00
3"	Length Range: Up to 48-1/8"	630.00
4"	Length Range: Up to 62-1/4"	729.00
6"	Length Range: Up to 71-1/4"	972.00
8"	Length Range: Up to 86"	1,300.00
10"	Length Range: Up to 100-5/8"	1,576.00

Part number will be designated using "375AR-A".

## 375A/375 SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY (CONTINUED)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-375	4,416.00
3"	3-375	4,518.00
4"	4-375	5,132.00
6"	6-375	9,538.00
8"	8-375	18,235.00
10"	10-375	25,607.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375FG, 4-375GF, 10-375G).

<b>375OSY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-375OSY	4,814.00
3"	3-375OSY	4,945.00
4"	4-375OSY	6,400.00
6"	6-375OSY	9,990.00
8"	8-375OSY	19,146.00
10"	10-375OSY	26,524.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375OSYFG, 4-375OSYGF, 10-375OSYG).

<b>375 OSY AND PI SHUT-OFF VALVE COMBINATIONS</b>		
2-1/2" - 10"	OSY & PI GATE VALVES	Use OSY or PI Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375PIOSYFG, 4-375OSYPIGF, 10-375OSYPIG).

<b>375L: FLANGED X FLANGED, LESS SHUT-OFF VALVES</b>		
2-1/2"	212-375L	2,900.00
3"	3-375L	2,951.00
4"	4-375L	3,497.00
6"	6-375L	7,040.00
8"	8-375L	13,920.00
10"	10-375L	18,791.00

Part number will be designated using "L" (e.g. 212-375L, 6-375L, 10-375L).

### OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

<b>AIR GAP (-AG) OPTION</b>		
2-1/2" - 6"	AG Option, Iron Air Gap (AG-6)	211.00
8" - 10"	AG Option, Iron Air Gap (AG-7)	345.00

Part number will be designated using "-AG" (e.g. 212-375-AG, 4-375LMFG-AG, 10-375OSYPIG-AG).

<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>		
2-1/2"		551.00
3"		670.00
4"		1,091.00
6"		1,753.00
8"		3,480.00
10"		6,030.00

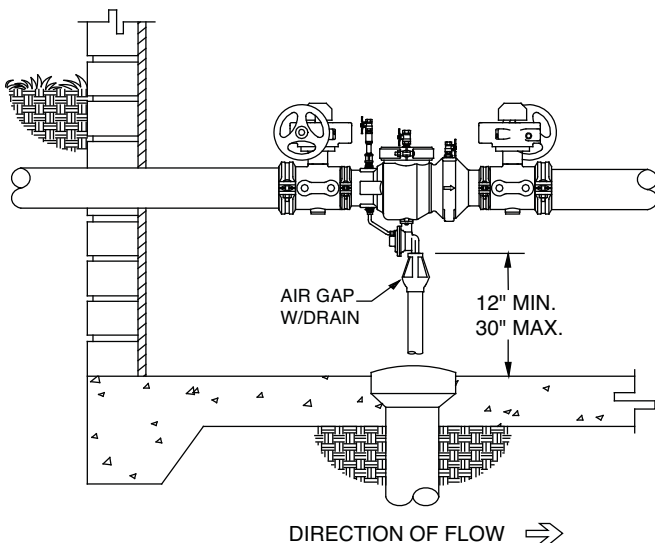
Part number will be designated using "FSC" (e.g. 212-375FSC, 4-375OSYFSC, 10-375OSYPIFSC).

<b>RELIEF VALVE MONITOR SWITCH (MS) OPTION</b>		
2-1/2" - 6"		1,161.00
8" - 10"		1,588.00

Part number will be designated using "MS" (e.g. 4-375MS, 6-375MSFG, 10-375MSOSYPIG).

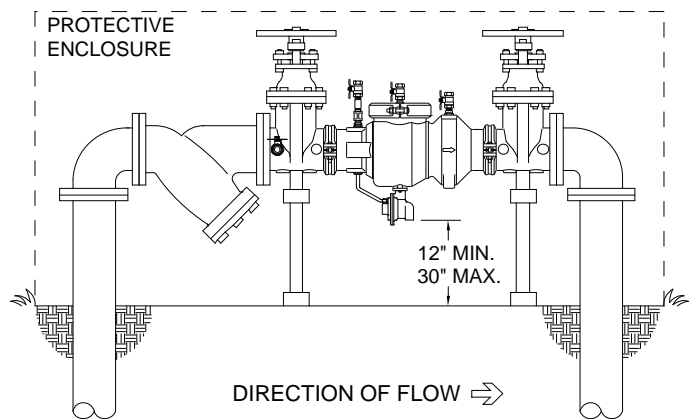
### TYPICAL INSTALLATION

#### MODEL 375ABG



#### INDOOR INSTALLATION

#### MODEL 375AFSC



#### OUTDOOR INSTALLATION

## 475ST/475STV SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY



### APPLICATIONS

Designed for drop in replacement of competitor valves and new installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. The Model 475ST shall provide protection in a high hazard health application. The configuration 475STV is for applications requiring vertical flow up. Ideal for use where lead-free valves are required.

### FEATURES

- 4" - 10"
- 175 psi max
- 140°F max
- n-Pattern space saving design
- Available in up/down (475ST) or up/up (475STV) configuration
- Stainless steel body
- Direct drop in replacement of competitor valves

### APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, UL® Classified, FM® Approved, C-UL® Classified, CSA® Certified, AWWA Compliant C511 (with gates only), and C550
- Certified to NSF/ANSI 61

### ACCESSORIES

- Air gap (Model AG)
- Valve setter (Model FLSST or MJSST or MJFSST)
- OS&Y gate valve supervisory switch (OSY-40)
- Repair kits
- 4" to 3" adaptor (RFK4X3-400ST)

### TYPICAL INSTALLATION

See next page

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475ST: FLANGED NRS X FLANGED NRS</b>		
4"	4-475ST	8,101.00
6"	6-475ST	12,256.00
8"	8-475ST	24,308.00
10"	10-475ST	34,016.00

For grooved options, part number will be designated using "GF", "FG", or "G" (e.g. 4-475STFG, 4-475STGF, 4-475STG)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STOSY: FLANGED OSY X FLANGED OSY</b>		
4"	4-475STOSY	8,469.00
6"	6-475STOSY	13,139.00
8"	8-475STOSY	24,791.00
10"	10-475STOSY	35,317.00

For grooved options, part number will be designated using "GF", "FG", or "G" (e.g. 4-475STOSYFG, 4-475STOSYGF, 4-475STOSYG)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STBG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475STBG	8,202.00
6"	6-475STBG	12,658.00
8"	8-475STBG	25,087.00
10"	10-475STBG	35,304.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STBF: FLANGED BF X FLANGED BF (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475STBF	8,347.00
6"	6-475STBF	12,841.00
8"	8-475STBF	25,304.00
10"	10-475STBF	35,533.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STPI: FLANGED PI X FLANGED PI</b>		
4"	4-475STPI	8,149.00
6"	6-475STPI	12,577.00
8"	8-475STPI	24,943.00
10"	10-475STPI	34,868.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STV: FLANGED NRS X FLANGED NRS</b>		
4"	4-475STV	8,101.00
6"	6-475STV	12,256.00
8"	8-475STV	24,308.00
10"	10-475STV	34,016.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STVOSY: FLANGED OSY X FLANGED OSY</b>		
4"	4-475STVOSY	8,469.00
6"	6-475STVOSY	13,139.00
8"	8-475STVOSY	24,791.00
10"	10-475STVOSY	35,317.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STVPI: FLANGED PI X FLANGED PI</b>		
4"	4-475STVPI	8,149.00
6"	6-475STVPI	12,577.00
8"	8-475STVPI	24,943.00
10"	10-475STVPI	34,868.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STVBG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475STVBG	8,202.00
6"	6-475STVBG	12,658.00
8"	8-475STVBG	25,087.00
10"	10-475STVBG	35,304.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STVBF: FLANGED BF X FLANGED BF (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475STVBF	8,347.00
6"	6-475STVBF	12,841.00
8"	8-475STVBF	25,304.00
10"	10-475STVBF	35,533.00

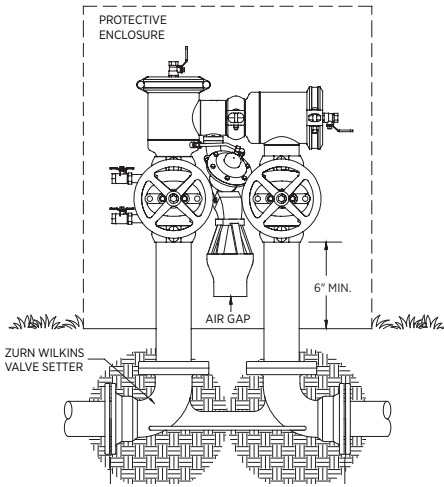
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STR: FLANGED NRS X FLANGED NRS REPLACEMENT BACKFLOW</b>		
4"	4-475STR	8,255.00
6"	6-475STR	12,410.00
8"	8-475STR	24,877.00
10"	10-475STR	34,016.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STROSY: FLANGED NRS X FLANGED NRS REPLACEMENT BACKFLOW</b>		
4"	4-475STROSY	8,674.00
6"	6-475STROSY	13,081.00
8"	8-475STROSY	26,147.00
10"	10-475STROSY	35,288.00

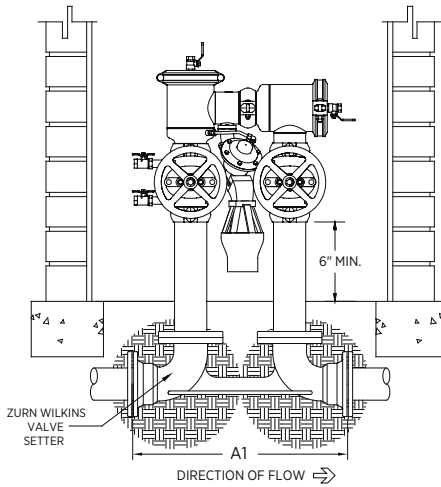
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STRV: FLANGED NRS X FLANGED NRS REPLACEMENT BACKFLOW</b>		
4"	4-475STRV	8,255.00
6"	6-475STRV	12,410.00
8"	8-475STRV	24,877.00
10"	10-475STRV	34,016.00

# 475ST/475STV SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY (CONTINUED)

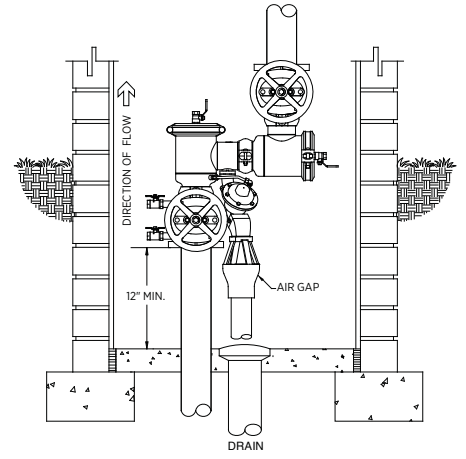
## TYPICAL INSTALLATION



**OUTDOOR INSTALLATION**



**INDOOR INSTALLATION**



**VERTICAL INSTALLATION**

BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

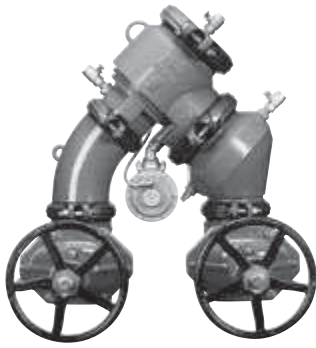
RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS



# 475/475V SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY



## APPLICATIONS

A compact reduced pressure principle assembly in the "n" pattern for new or retrofit installations in tight locations. Also available as a 475V for vertical flow path.

## FEATURES

- 2-1/2" - 10"
- 2-1/2" and 3" sizes use 375 with 90° elbows
- 175 psi max
- 140°F max
- n-Pattern space saving design
- Available in up/down (475) or up/up (475V) configuration
- Epoxy coated ductile iron body
- Utilizes modular, center-stem guided Compound Check

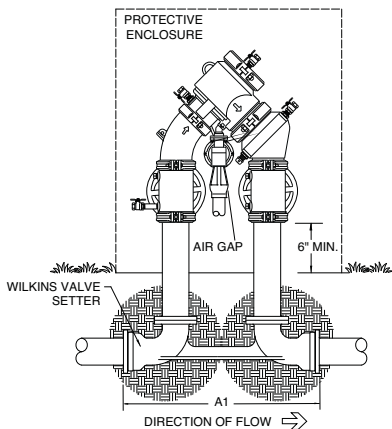
## APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, UL® Classified, FM® Approved, C-UL® Classified, IAPMO® Listed, CSA® Certified, AWWA Compliant
- Certified to NSF/ANSI 61 and 372

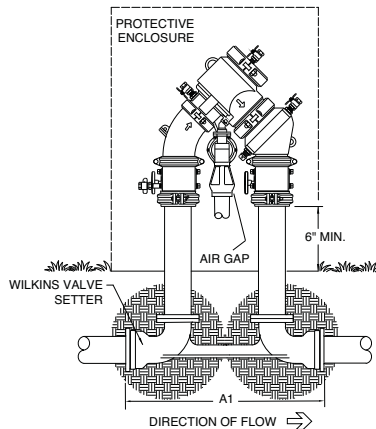
## ACCESSORIES

- Air gap (Model AG)
- Valve setter (Model FLS or MJS or MJFS)
- Repair kits

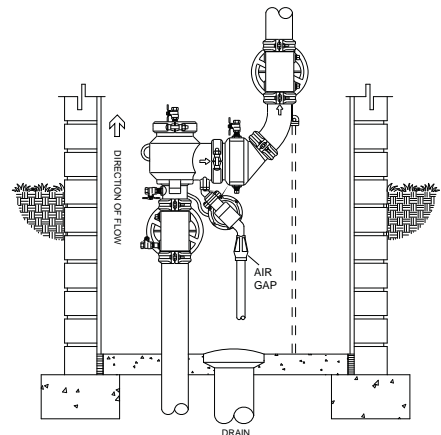
## TYPICAL INSTALLATION



**OUTDOOR INSTALLATION**  
MODEL 475G



**OUTDOOR INSTALLATION**  
MODEL 475BG



**VERTICAL INSTALLATION**  
MODEL 475VG

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-475	5,175.00
3"	3-475	5,636.00
4"	4-475	7,271.00
6"	6-475	10,999.00
8"	8-475	21,815.00
10"	10-475	30,528.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-475FG, 4-475GF, 10-475G).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475OSY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-475OSY	5,609.00
3"	3-475OSY	5,957.00
4"	4-475OSY	7,601.00
6"	6-475OSY	11,792.00
8"	8-475OSY	22,250.00
10"	10-475OSY	31,695.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-475OSYFG, 4-475OSYGF, 10-475OSYG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475BG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475BG	8,420.00
6"	6-475BG	12,774.00
8"	8-475BG	25,273.00
10"	10-475BG	32,426.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475BF: FLANGED BF X FLANGED BF (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475BF	8,738.00
6"	6-475BF	13,175.00
8"	8-475BF	25,748.00
10"	10-475BF	32,928.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475 OSY AND PI SHUT-OFF VALVE COMBINATIONS</b>		
2-1/2" - 10"		Use OSY Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-475PIOSYFG, 4-475OSYPIGF, 10-475OSYPIG).

## OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

<b>AIR GAP (-AG) OPTION</b>		
2-1/2" - 6"	AG Option, Iron Air Gap (AG-6)	211.00
8" - 10"	AG Option, Iron Air Gap (AG-7)	345.00

Part number will be designated using "-AG" (e.g. 212-475-AG, 6-475LMFG-AG, 10-475OSYPIG-AG).

<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>		
2-1/2"		551.00
3"		670.00
4"		1,091.00
6"		1,753.00
8"		3,480.00
10"		6,030.00

Part number will be designated using "FSC" (e.g. 212-475FSC, 4-475OSYFSC, 10-475OSYPIFSC).

<b>RELIEF VALVE MONITOR SWITCH (MS) OPTION</b>		
2-1/2" - 6"		1,161.00
8" - 10"		1,588.00

Part number will be designated using "MS" (e.g. 212-475MS, 6-475MSFG, 10-475MSOSYPIG).

## 475/475V SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY (CONTINUED)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475V: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-475V	5,175.00
3"	3-475V	5,636.00
4"	4-475V	7,271.00
6"	6-475V	10,999.00
8"	8-475V	21,815.00
10"	10-475V	30,528.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-475VFG, 4-475VGF, 10-475VG).

<b>475VOSY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-475VOSY	5,609.00
3"	3-475VOSY	5,957.00
4"	4-475VOSY	7,601.00
6"	6-475VOSY	11,792.00
8"	8-475VOSY	22,250.00
10"	10-475VOSY	31,695.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-475VOSYFG, 4-475VOSYGF, 10-475VOSYVG).

<b>475VBG: GROOVED BG X GROOVED BG (TAMPED BUTTERFLY VALVES)</b>		
4"	4-475VBG	8,420.00
6"	6-475VBG	12,774.00
8"	8-475VBG	25,273.00
10"	10-475VBG	32,426.00

<b>475VBF: FLANGED BF X FLANGED BF (TAMPED BUTTERFLY VALVES)</b>		
4"	4-475VBF	8,738.00
6"	6-475VBF	13,175.00
8"	8-475VBF	25,748.00
10"	10-475VBF	32,928.00

<b>475V WITH OSY AND PI SHUT-OFF VALVE COMBINATIONS</b>		
2-1/2"-10"	Use OSY Pricing	

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-475VPIOSYFG, 4-475VOSYPIGF, 10-475VOSYPIVG).

### OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

<b>AIR GAP (-AG) OPTION</b>		
2-1/2" - 3"	AG Option, Iron Air Gap (AG-6)	211.00
4" - 6"	AG Option, Iron Air Gap (AG-9)	273.00
8" - 10"	AG Option, Iron Air Gap (AG-10)	409.00

Part number will be designated using "-AG" (e.g. 212-475V-AG, 6-475VLMFG-AG, 10-475VOSYPIG-AG).

<b>RELIEF VALVE MONITOR SWITCH (MS) OPTION</b>		
2-1/2" - 6"		1,161.00
8" - 10"		1,588.00

Part number will be designated using "MS" (e.g. 212-475VMS, 6-475VMSFG, 10-475VMSOSYPIG).

BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS

# 375W1/37AW1/375ASTW1 SERIES – CONNECTED BACKFLOW W/ WIRELESS MONITOR (2-1/2" – 10")



## APPLICATIONS

Ideal for use in mechanical rooms, basements and enclosures where undetected relief valve discharge could potentially cause water damage. The controller monitors zone pressure and relief valve position and sends this data by wireless to the cloud. This data is processed to determine how much water is being discharged, then notifications are sent to the user as desired. Designed for plumbing, waterworks, and irrigation systems.

## FEATURES

- Sizes 2-1/2" - 10" - Reduced Pressure Principle Backflow Preventer with Integral Relief Valve Monitor (Model 375W1, 375AW1, 375ASTW1 - Connected Backflow w/Wireless Monitor)
- 175 psi max
- 140°F max
- Transmits relief water discharge data via plumbSMART™, a secure web portal with 24/7 access
- Customizable alert parameters
- Opt in to real-time notifications via email or text
- Dashboard-style device alerts, performance data and trends

## APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- AWWA Compliant C511 (with gates only) and C550
- ASSE® Listed 1013
- IAPMO® Listed
- Meets the requirements of NSF/ANSI 61

## IMPORTANT

Completed order form required. Order form can be found on [zurn.com](http://zurn.com) under Related Documents of Connected Backflow.

## TYPICAL INSTALLATION

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305 mm) and a maximum of 30" (762 mm) above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged.

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375W1: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-375W1	5,299.00
3"	3-375W1	5,422.00
4"	4-375W1	6,159.00
6"	6-375W1	11,446.00
8"	8-375W1	21,882.00
10"	10-375W1	30,729.00
<b>375W1OSY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-375W1OSY	5,776.00
3"	3-375W1OSY	5,934.00
4"	4-375W1OSY	7,680.00
6"	6-375W1OSY	11,987.00
8"	8-375W1OSY	22,975.00
10"	10-375W1OSY	31,828.00
<b>375AW1: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-375AW1	5,299.00
3"	3-375AW1	5,422.00
4"	4-375AW1	6,159.00
6"	6-375AW1	11,446.00
8"	8-375AW1	21,882.00
10"	10-375AW1	30,729.00
<b>375AW1OSY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-375AW1OSY	5,299.00
3"	3-375AW1OSY	5,422.00
4"	4-375AW1OSY	6,159.00
6"	6-375AW1OSY	11,446.00
8"	8-375AW1OSY	21,882.00
10"	10-375AW1OSY	30,729.00
<b>375ASTW1: STAINLESS STEEL BACKFLOW, FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-375ASTW1	5,299.00
3"	3-375ASTW1	5,422.00
4"	4-375ASTW1	6,159.00
6"	6-375ASTW1	11,446.00
8"	8-375ASTW1	21,882.00
10"	10-375ASTW1	30,729.00
<b>375ASTW1OSY: STAINLESS STEEL BACKFLOW, FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-375ASTW1OSY	5,776.00
3"	3-375ASTW1OSY	5,934.00
4"	4-375ASTW1OSY	7,680.00
6"	6-375ASTW1OSY	11,987.00
8"	8-375ASTW1OSY	22,975.00
10"	10-375ASTW1OSY	31,828.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375W1GF, 4-375W1FG, 10-375W1G).

## OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

### AIR GAP (-AG) OPTION

2-1/2" - 6"	AG Option, Iron Air Gap (AG-6)	211.00
8" - 10"	AG Option, Iron Air Gap (AG-7)	345.00

Part number will be designated using "-AG" (e.g. 212-375W1-AG).

### FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION (E.G. 212-375W1FSC)

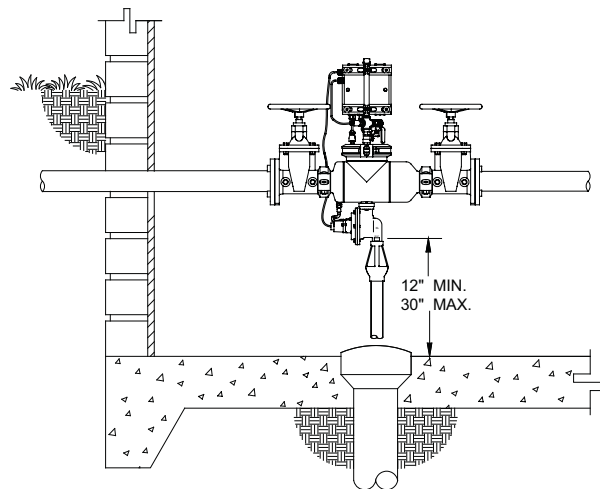
2-1/2"		551.00
3"		670.00
4"		1,091.00
6"		1,753.00
8"		3,480.00
10"		6,030.00

Part number will be designated using "FSC" (e.g. 212-375W1FSC).

## GATEWAY

DESCRIPTION	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
Ethernet Gateway	ZGW-LORA-W1-ETH	358.75
LTE Cellular Gateway	ZGW-LORA-W1-LTE	358.75

## TYPICAL INSTALLATION



# FCIS SERIES – CONNECTED FLOOD CONTROL SYSTEM (2-1/2" - 10") / FLOOD CONTROL INTEGRATED SYSTEM (1-1/4" - 2")



## APPLICATIONS

For the prevention of catastrophic flooding in indoor applications. Automatically shuts off the water supply in the event of relief valve discharge. Designed for plumbing, waterworks, and irrigation systems.

## FEATURES

- 1-1/4" - 2" (FCIS with EST)
- 2-1/2" - 10" (FCIS Connected)
- 175 psi max
- 140°F max
- Sizes 1-1/4" - 2" - Reduced Pressure Principle Backflow Preventer with Monitor Switch (Model 975XL2MS)
- Sizes 2-1/2" - 10" - Reduced Pressure Principle Backflow Preventer with Integral Relief Valve Monitor Switch (Model 375W1, 375AW1, 375ASTW1 - Connected Backflow w/Wireless Monitor)
- Sizes 1-1/4" - 2" - Electronic Solenoid Timer (Model EST) attached to a Solenoid Control Valve (Model ZW206) to shut off the water supply
- Sizes 2-1/2" - 10" - Zurn Connected Endpoint Controller attached to a Solenoid Control Valve (Model ZW206) to shut off the water supply
- Sizes 1-1/4" - 2" - threaded NPT end connections
- Sizes 2-1/2" - 10" - grooved or flanged end connections
- Quick disconnect connectors
- Alarm Output contacts
- Ships as two components

## IMPORTANT

Completed order form required. Order form can be found on [zurn.com](http://zurn.com) under Related Documents of FCIS.

## TYPICAL INSTALLATION

Sizes 1-1/4" - 2":

CAUTION: To prevent water damage, an adequately sized drain MUST still be installed to handle water discharge from the backflow relief valve.

Sizes 2-1/2" - 10":

CAUTION: To prevent water damage, an adequately sized drain MUST still be installed to handle water discharge from the backflow relief valve. The relief valve monitor senses relief valve position and zone pressure to determine discharged water volume. When it has measured 50 gallons of continuous discharge it will shut off the inlet water supply. This shut off threshold may be modified via our secure web portal, [plumbSMART™](#) by authorized users, and will remain an active function of the Connected Flood Control System regardless of Internet connection or Portal subscription status. Designated users of the Portal may also receive alerts and notifications via email and/or text message when discharge exceeds preset thresholds and when inlet water supply has been shut off.

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>FCIS: NPT X NPT</b>		
1-1/4"	114-FCIS	8,904.00
1-1/2"	112-FCIS	9,108.00
2"	2-FCIS	9,586.00
<b>FCIS: FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-FCIS	11,628.00
3"	3-FCIS	11,738.00
4"	4-FCIS	13,537.00
6"	6-FCIS	21,183.00
8"	8-FCIS	33,917.00
10"	10-FCIS	47,592.00
<b>FCISOSY: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-FCISOSY	12,018.00
3"	3-FCISOSY	12,158.00
4"	4-FCISOSY	14,781.00
6"	6-FCISOSY	21,626.00
8"	8-FCISOSY	34,810.00
10"	10-FCISOSY	48,490.00
<b>FCISAST: STAINLESS STEEL BACKFLOW, FLANGED NRS X FLANGED NRS</b>		
2-1/2"	212-FCISAST	11,628.00
3"	3-FCISAST	11,738.00
4"	4-FCISAST	13,537.00
6"	6-FCISAST	21,183.00
8"	8-FCISAST	33,917.00
10"	10-FCISAST	47,592.00
<b>FCISASTOSY: STAINLESS STEEL BACKFLOW, FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-FCISASTOSY	12,018.00
3"	3-FCISASTOSY	12,158.00
4"	4-FCISASTOSY	14,781.00
6"	6-FCISASTOSY	21,626.00
8"	8-FCISASTOSY	34,810.00
10"	10-FCISASTOSY	48,490.00

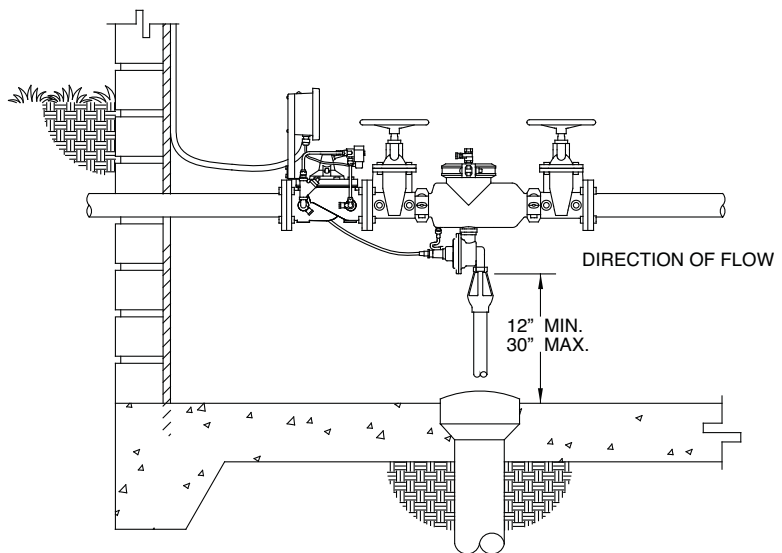
*For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-FCISGF, 4-FCISFG, 10-FCISG).*

OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)		
<b>AIR GAP (-AG) OPTION</b>		
1-1/4" - 2"	AG Option, Iron Air Gap (AG-5)	166.00
2-1/2" - 6"	AG Option, Iron Air Gap (AG-6)	211.00
8" - 10"	AG Option, Iron Air Gap (AG-7)	345.00
<i>Part number will be designated using "-AG" (e.g. 212-FCIS-AG).</i>		
<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION (E.G. 212-FCISFSC)</b>		
2-1/2"		551.00
3"		670.00
4"		1,091.00
6"		1,753.00
8"		3,480.00
10"		6,030.00
<i>Part number will be designated using "FSC" (e.g. 212-FCISFSC).</i>		

## GATEWAY

DESCRIPTION	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
Ethernet Gateway	ZGW-LORA-W1-ETH	358.75
LTE Cellular Gateway	ZGW-LORA-W1-LTE	358.75

## TYPICAL INSTALLATION



# ZCSM-PF AND ZCSM-BTM - CONNECTED PRESSURE MONITOR (ZCSM-PF) WITH OPTIONAL CONNECTED FLOW METER (ZCSM-BTM)

**NEW**



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
------	-----------------------	--------------------------

ZCSM-PF: CONNECTED PRESSURE MONITOR		
2-1/2" - 12"	ZCSM-PF	1,081.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE
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ZCSM-BTM: CONNECTED FLOW METER		
3"	3-ZCSM-BTM	2,565.00
4"	4-ZCSM-BTM	3,620.00
6"	6-ZCSM-BTM	8,020.00
8"	8-ZCSM-BTM	8,740.00
10"	10-ZCSM-BTM	12,095.00

## GATEWAY

DESCRIPTION	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
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Ethernet Gateway	ZGW-LORA-W1-ETH	358.75
LTE Cellular Gateway	ZGW-LORA-W1-LTE	358.75

### ZCSM-PF APPLICATIONS

Designed for use and installation on 2-1/2" – 12" Zurn Wilkins backflow prevention valves to continually monitor your plumbing system water pressure. The ZCSM-PF Connected Pressure Monitor transmits plumbing system pressure data 24/7 to the Zurn plumbSMART™ web portal and mobile app. Proactively monitor your incoming water pressure, receive real-time alerts for preset high and low pressure parameters, and access system data for trends and predictive maintenance anytime and anywhere.

### ZCSM-PF FEATURES

- Maximum working water pressure of 200 PSI
- Proactively monitor your incoming water pressure
- Receive real-time text and/or email alerts for preset high and low pressure
- View performance data and trends via a secure web portal with 24/7 remote access
- The Flow Meter option (ZCSM-BTM) is an optional upgrade combined with the Zurn Connected Pressure Monitor (ZCSM-PF)

### APPROVALS AND APPLICABLE SPECIFICATIONS

- Meets the requirements of NSF/ANSI 61

### IMPORTANT

The ZCSM-PF Connected Pressure Monitor must be ordered in combination with a Zurn Wilkins Backflow Preventer.

The ZCSM-BTM Connected Flow Meter option is an available upgrade combined with the ZCSM-PF Connected Pressure Monitor (ZCSM-PF). The ZCSM-PF with optional ZCSM-BTM must be ordered in combination with a Zurn Wilkins Backflow Preventer.

The ZCSM-PF Connected Pressure Monitor and ZCSM-BTM Connected Flow Meter option must have a one Zurn Gateway installed within a 1,000 ft radius. Communicates via Ethernet or LTE.

### ZCSM-BTM APPLICATIONS

Designed for use with 3" – 10" Zurn Wilkins backflow prevention valves to continually monitor water flow and consumption. This turbine water meter with electronic register can be installed either upstream or downstream of the backflow preventer. It connects with the ZCSM-PF Connected Pressure Monitor to transmit flow and consumption data to plumbSMART™.

### ZCSM-BTM FEATURES

- Monitor water flow rate and incoming water pressure
- Receive real-time text and/or email alerts for water waste and preset high and low pressure
- View performance data and trends via a secure web portal with 24/7 remote access
- Optional upgrade available for all Double Check Backflow Preventers or Reduced Pressure Principle Backflow Preventers 3" or larger
- Opt in to real-time notifications via email or text
- Dashboard-style device alerts, performance data and trends
- The Flow Meter option (ZCSM-BTM) is an available upgrade combined with the Zurn Connected Pressure Monitor (ZCSM-PF)

### ZCSM-PF TYPICAL INSTALLATION

Typical Installation on 4" Model 375AST backflow preventer, shown with ZCSM-PF Connected Pressure Monitor



### ZCSM-PF WITH ZCSM-BTM TYPICAL INSTALLATION

Typical Installation on 4" Model 375AST backflow preventer, shown with ZCSM-PF Connected Pressure Monitor and 4-ZCSM-BTM Connected Flow Meter upgrade



## 975XLHBM SERIES - HYDRANT BACKFLOW AND METER VALVE



### APPLICATIONS

Combines a meter and backflow preventer in a common package. Helps maintain water quality while generating revenue for the water purveyor.

### FEATURES

- 2"
- 175 psi max
- 180°F max
- Maximum intermittent flow rate of 250 gpm
- Maximum continuous flow rate of 160 gpm
- Outlet shutoff valve allows for easy flow adjustment
- NSFHT adapters allow for connection to 2-1/2" fire hydrant (inlet) and 2-1/2" fire hose (outlet)

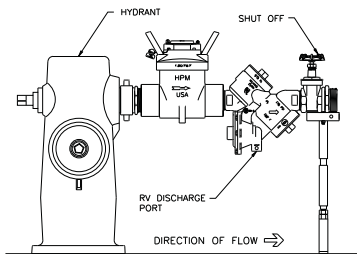
### APPROVALS AND APPLICABLE SPECIFICATIONS

- Meter portion meets the requirements of ANSI / AWWA C701-88 Class II
- Meets the design requirements of most national standards. Due to the portability of the assembly, there are no national approvals available

### ACCESSORIES

- Breakaway Hydrant Lock for barrel lock (BHLB)
- Breakaway Hydrant Lock for padlock (BHLP)

### TYPICAL INSTALLATION



## RPHBM SERIES - HIGH CAPACITY HYDRANT BACKFLOW AND METER COMBINATION



### APPLICATIONS

Combines a meter and backflow preventer in a common package. Helps maintain water quality while generating revenue for the water purveyor.

### FEATURES

- 3"
- 175 psi max
- 140°F max
- Max intermittent flow rate 650 gpm
- Max continuous flow rate 450 gpm
- Min flow rate 2½ gpm
- Epoxy coated aluminum body with approved internal components and relief valve

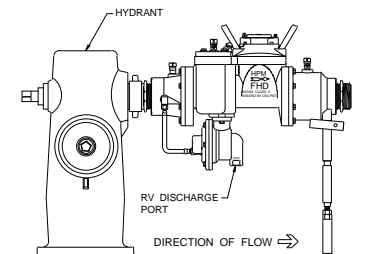
### APPROVALS AND APPLICABLE SPECIFICATIONS

- Meets the requirements of ANSI/AWWA C701-88 class II (for meter only)
- Meets the design requirements of most national standards. Due to the portability of the assembly, there are no national approvals available

### ACCESSORIES

- Breakaway hydrant lock for barrel lock (BHLB)
- Breakaway hydrant lock for padlock (BHLP)

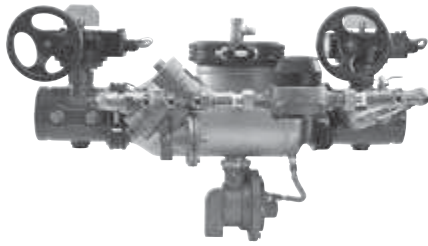
### TYPICAL INSTALLATION



SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>2" HBM</b>			
2"	2-1/2" Swivel FNH X 2-1/2" MNH, GPM Meter	2-975XLHBM	5,490.00
2"	2-1/2" Swivel FNH X 2-1/2" MNH, CFM Meter	2-975XLHBMCFM	5,490.00
2"	2-1/2" Swivel FNH X 2-1/2" MNH, Cubic Meter Register	2-975XLHBMCM	5,490.00
2"	2-1/2" Swivel FNH X 2-1/2" MNH, Less Meter	2-975XLHBMMLM	2,379.00
2"	2-1/2" FNPT x 2" MNPT, GPM Meter, Less Hose Connections	2-975XLHBMML	5,198.00
2"	2-1/2" FNPT x 2" MNPT, CFM Meter, Less Hose Connections	2-975XLHBMCFML	5,198.00
2"	2-1/2" FNPT x 2" MNPT, Cubic Meter Register, Less Hose Connections	2-975XLHBMCMML	5,198.00
2"	2" MNPT x 2" MNPT, Less Hose Connections, Less Meter	2-975XLHBMMLM	1,744.00
<b>3" RPHBM</b>			
3"	2-1/2" Swivel FNH X 2-1/2" MNH, GPM Meter	3-RPHBM	9,931.00
3"	2-1/2" Swivel FNH X 2-1/2" MNH, CFM Meter	3-RPHBMCFM	9,931.00
3"	2-1/2" Swivel FNH X 2-1/2" MNH, GPM Meter, NRS Outlet Gate Valve	3-RPHBMGV	11,266.00
3"	2-1/2" Swivel FNH X 2-1/2" MNH, CFM Meter, NRS Outlet Gate Valve	3-RPHBMCFMGV	11,266.00
<b>HBM ACCESSORIES</b>			
2"	HBM Adjustable Support Stand, For 2" 975XLHBM	HBM-55	566.00
3"	HBM Adjustable Support Stand, For 3" RPHBM	HBM-55A	848.00
	Breakaway Hydrant Lock for Padlock (Lock Not Included)	HBM-BHLP	741.00
	Breakaway Hydrant Lock for Barrel Lock (Lock Not Included)	HBM-BHLB	495.00

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

# 375ASTDA SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY



## APPLICATIONS

Fire protection Reduced Pressure Principal Assembly constructed around a corrosion resistant, stainless steel body. Used in high health hazard applications.

## FEATURES

- 2-1/2" - 10"
- 175 psi max
- 140°F max
- Grooved or flanged end connections
- Improved Compound Check design
- Lower maintenance costs from corrosion resistance of stainless body

## APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1047, AWWA Compliant C550, UL® Classified, C-UL® Classified, FM® Approved, CSA® Certified
- Certified to NSF/ANSI 61 and 372

## ACCESSORIES

- Air gap (Model AG)
- OS&Y gate valve tamper switch (OSY-40)
- Available with CFM water meter (5/8" x 3/4")
- Repair kits

## TYPICAL INSTALLATION

See next page

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ASTDA: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-375ASTDA	7,099.00
3"	3-375ASTDA	7,221.00
4"	4-375ASTDA	7,917.00
6"	6-375ASTDA	11,398.00
8"	8-375ASTDA	21,170.00
10"	10-375ASTDA	28,356.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375ASTDAFG, 4-375ASTDAFG, 10-375ASTDAG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ASTDAPI: FLANGED PI X FLANGED PI</b>		
2-1/2"	212-375ASTDAPI	7,099.00
3"	3-375ASTDAPI	7,221.00
4"	4-375ASTDAPI	7,917.00
6"	6-375ASTDAPI	11,398.00
8"	8-375ASTDAPI	21,170.00
10"	10-375ASTDAPI	28,356.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375ASTDAPIFG, 4-375ASTDAPIFG, 10-375ASTDAPIG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ASTDABG: GROOVED BG X GROOVED BG (TAMPERS BUTTERFLY VALVES)</b>		
2-1/2"	212-375ASTDABG	7,305.00
3"	3-375ASTDABG	7,517.00
4"	4-375ASTDABG	8,718.00
6"	6-375ASTDABG	12,550.00
8"	8-375ASTDABG	23,309.00
10"	10-375ASTDABG	29,606.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ASTDABF: FLANGED BF X FLANGED BF (TAMPERS BUTTERFLY VALVES)</b>		
2-1/2"	212-375ASTDABF	7,444.00
3"	3-375ASTDABF	7,740.00
4"	4-375ASTDABF	8,997.00
6"	6-375ASTDABF	12,919.00
8"	8-375ASTDABF	23,732.00
10"	10-375ASTDABF	30,079.00

SIZE	LEAD-FREE LIST PRICE EA.
<b>375ASTDA WITH OSY AND PI SHUT-OFF VALVE COMBINATIONS</b>	
2-1/2" - 10"	Use OSY Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375ASTDAPIOSYFG, 4-375ASTDAOSYPIFG, 10-375ASTDAOSYPIG).

SIZE	LEAD-FREE LIST PRICE EA.
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>	
<b>CUBIC FEET METER (CFM) OPTION</b>	
2-1/2" - 10"	No Charge

Part number will be designated using "CFM" (e.g. 212-375ASTDACFM, 4-375ASTDACFMFG, 10-375ASTDACFMOSYPIG).

SIZE	LEAD-FREE LIST PRICE EA.
<b>SENSUS CUBIC FEET METER (SCFM) OPTION</b>	
2-1/2" - 10"	207.00

Part number will be designated using "SCFM" (e.g. 212-375ASTDASCFM, 4-375ASTDASCFMFG, 10-375ASTDASCFMOSYPIG).

SIZE	LEAD-FREE LIST PRICE EA.
<b>LESS METER (LM) OPTION</b>	
2-1/2" - 10"	(324.00)

Part number will be designated using "LM" (e.g. 212-375ASTDALM, 4-375ASTDALMFG, 10-375ASTDALMOSYPIG).

SIZE	LEAD-FREE LIST PRICE EA.
<b>AIR GAP (-AG) OPTION</b>	
2-1/2" - 6"	AG Option, Iron Air Gap (AG-6) 211.00
8" - 10"	AG Option, Iron Air Gap (AG-7) 345.00

Part number will be designated using "-AG" (e.g. 212-375ASTDA-AG, 4-375ASTDALMFG-AG, 10-375ASTDAOSYPIG-AG).

## OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

SIZE	LEAD-FREE LIST PRICE EA.
<b>RELIEF VALVE MONITOR SWITCH (MS) OPTION</b>	
2-1/2" - 6"	1,161.00
8" - 10"	1,588.00

Part number will be designated using "MS" (e.g. 212-375ASTDAMS, 4-375ASTDAMSFG, 10-375ASTDAMSOSYPIG).

SIZE	LEAD-FREE LIST PRICE EA.
<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>	
2-1/2"	551.00
3"	670.00
4"	1,091.00
6"	1,753.00
8"	3,480.00
10"	6,030.00

Part number will be designated using "FSC" (e.g. 212-375ASTDAFSC, 4-375ASTDAFSC, 10-375ASTDAOSYPIFSC).

## 300AR SERIES - REPLACEMENT BACKFLOW ASSEMBLY (2-1/2" - 10")

Custom Length Double Check Valve Assembly for drop in replacements. Stainless Steel Grooved x Grooved Nipple Installed Between the Backflow Valve and the Outlet Shut-Off Valve. Can be used with grooved backflow models. For replacement of longer lay-length backflow preventers.

375ASTDAR list price adder to be added to list price of the 375ASTDA to determine total list price.

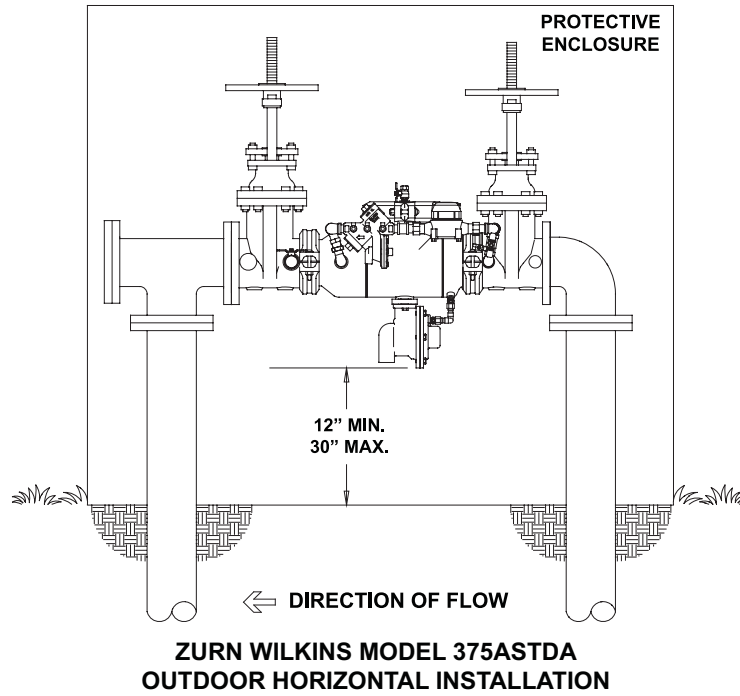
See order form and product specification sheet on the website for details and options.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE LIST PRICE ADDER EA.
2-1/2"	Length Range: Up to 47-1/8"	605.00
3"	Length Range: Up to 48-1/8"	630.00
4"	Length Range: Up to 62-1/4"	729.00
6"	Length Range: Up to 71-1/4"	972.00
8"	Length Range: Up to 86"	1,300.00
10"	Length Range: Up to 100-5/8"	1,576.00

Part number will be designated using "375ASTDAR-A".

# 375ASTDA SERIES – REDUCED PRESSURE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY

## TYPICAL INSTALLATION



BACKFLOW  
PREVENTERS

BACKFLOW/PREVENTERS  
ACCESSORIES

STRAINERS

AUTOMATIC  
CONTROL VALVES

PRESSURE  
REDUCING VALVES

FIRE  
PROTECTION VALVES

THERMOSTATIC  
MIXING VALVES

RELIEF VALVES

MISCELLANEOUS  
PLUMBING PRODUCTS

REPAIR KITS



## 375ADA/375DA SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY



### APPLICATIONS

Ideal for fire protection applications. Epoxy coated, ductile iron Zurn Wilkins 375ADA Reduced Pressure Principal Valve Assembly with integral by-pass consisting of a water meter in series with a Reduced Pressure Principal backflow preventer.

### FEATURES

- 2-1/2" - 10"
- 175 psi max
- 140°F max
- Resilient wedge OS&Y gate valves standard
- Epoxy-coated ductile iron body
- Modular, Center-Stem Guided Compound Checks

### APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE Listed 1047 375DA, UL Classified, FM Approved, C-UL Classified
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Air gap (Model AG)
- OS&Y gate valve supervisory switch (OSY-40)
- Available with CFM water meter (5/8" x 3/4")
- Repair kits

### TYPICAL INSTALLATION

See next page

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ADA: FLANGED OSY X FLANGED OSY</b>		
2-1/2"	212-375ADA	7,099.00
3"	3-375ADA	7,221.00
4"	4-375ADA	7,917.00
6"	6-375ADA	11,398.00
8"	8-375ADA	21,170.00
10"	10-375ADA	28,356.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375ADAFG, 4-375ADAGF, 10-375ADAG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ADAPI: FLANGED PI X FLANGED PI</b>		
2-1/2"	212-375ADAPI	7,099.00
3"	3-375ADAPI	7,221.00
4"	4-375ADAPI	7,917.00
6"	6-375ADAPI	11,398.00
8"	8-375ADAPI	21,170.00
10"	10-375ADAPI	28,356.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375ADAPIFG, 4-375ADAPIGF, 10-375ADAPIG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ADABG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVES)</b>		
2-1/2"	212-375ADABG	7,170.00
3"	3-375ADABG	7,295.00
4"	4-375ADABG	8,401.00
6"	6-375ADABG	12,093.00
8"	8-375ADABG	22,461.00
10"	10-375ADABG	28,530.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ADABF: FLANGED BF X FLANGED BF</b>		
2-1/2"	212-375ADABF	7,173.00
3"	3-375ADABF	7,458.00
4"	4-375ADABF	8,671.00
6"	6-375ADABF	12,450.00
8"	8-375ADABF	22,869.00
10"	10-375ADABF	28,986.00

SIZE	LEAD-FREE LIST PRICE EA.
<b>375ADA WITH OSY AND PI SHUT-OFF VALVE COMBINATIONS</b>	
2-1/2" - 10"	Use OSY Pricing

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375ADAPIOSYFG, 4-375ADAOSYPIGF, 10-375ADAOSYPIG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375ADAL: LESS SHUT-OFF VALVES</b>		
2-1/2"	212-375ADAL	4,816.00
3"	3-375ADAL	4,879.00
4"	4-375ADAL	5,361.00
6"	6-375ADAL	7,912.00
8"	8-375ADAL	14,786.00
10"	10-375ADAL	20,615.00

Part number will be designated using "L" (e.g. 212-375ADAL, 4-375ADALCFM, 10-375ADALSCFM).

### OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

#### 300AR SERIES - REPLACEMENT BACKFLOW ASSEMBLY (2-1/2" - 10")

Custom Length Double Check Valve Assembly for drop in replacements. Stainless Steel Grooved x Grooved Nipple Installed Between the Backflow Valve and the Outlet Shut-Off Valve. Can be used with grooved backflow models. For replacement of longer lay-length backflow preventers.

375ADAR list price adder to be added to list price of the 375ADA to determine total list price.

See order form and product specification sheet on the website for details and options.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE LIST PRICE ADDER EA.
2-1/2"	Length Range: Up to 47-1/8"	605.00
3"	Length Range: Up to 48-1/8"	630.00
4"	Length Range: Up to 62-1/4"	729.00
6"	Length Range: Up to 71-1/4"	972.00
8"	Length Range: Up to 86"	1,300.00
10"	Length Range: Up to 100-5/8"	1,576.00

Part number will be designated using "375ADAR-A".

# 375ADA/375DA SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY (CONTINUED)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375DA: FLANGED OSY X FLANGED OSY</b>		
2"	2-375DA	7,556.00
2-1/2"	212-375DA	7,099.00
3"	3-375DA	7,221.00
4"	4-375DA	7,917.00
6"	6-375DA	11,398.00
8"	8-375DA	21,170.00
10"	10-375DA	28,356.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375DAFG, 4-375DAGF, 10-375DAG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375DAPI: FLANGED PI X FLANGED PI</b>		
2"	2-375DAPI	7,556.00
2-1/2"	212-375DAPI	7,099.00
3"	3-375DAPI	7,221.00
4"	4-375DAPI	7,917.00
6"	6-375DAPI	11,398.00
8"	8-375DAPI	21,170.00
10"	10-375DAPI	28,356.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375DAPIFG, 4-375DAPIGF, 10-375DAPIG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>375DA WITH OSY AND PI SHUT-OFF VALVE COMBINATIONS</b>		
2-1/2" - 10"		<b>Use OSY Pricing</b>

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 212-375DAPIOSYFG, 4-375DAOSYPIGF, 10-375DAOSYPIG).

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>MODEL 375DAL: FLANGED X FLANGED, LESS SHUT-OFF VALVES</b>		
2"	2-375DAL	5,512.00
2-1/2"	212-375DAL	4,816.00
3"	3-375DAL	4,879.00
4"	4-375DAL	5,361.00
6"	6-375DAL	7,912.00
8"	8-375DAL	14,786.00
10"	10-375DAL	20,615.00

Part number will be designated using "L" (e.g. 4-375DAL, 6-375DALCFM, 10-375DALSCFM).

## OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

SIZE	OPTION	LIST PRICE EA.
2" - 10"	<b>CUBIC FEET METER (CFM) OPTION</b>	<b>No Charge</b>

Part number will be designated using "CFM" (e.g. 212-375DACFM, 4-375DACFMFG, 10-375DACFMOSYPIG).

SIZE	OPTION	LIST PRICE EA.
2" - 10"	<b>SENSUS CUBIC FEET METER (SCFM) OPTION</b>	<b>207.00</b>

Part number will be designated using "SCFM" (e.g. 212-375DASCfm, 4-375DASCfmFG, 10-375DASCfmOSYPIG).

SIZE	OPTION	LIST PRICE EA.
2" - 10"	<b>LESS METER (LM) OPTION</b>	<b>(324.00)</b>

Part number will be designated using "LM" (e.g. 212-375DALM, 4-375DALMFG, 10-375DALMOSYPIG).

SIZE	OPTION	LIST PRICE EA.
2" - 6"	<b>AIR GAP (-AG) OPTION</b>	<b>211.00</b>
8" - 10"	<b>AIR GAP (-AG) OPTION</b>	<b>345.00</b>

Part number will be designated using "-AG" (e.g. 212-375DA-AG, 4-375DALMFG-AG, 10-375DAOSYPIG-AG).

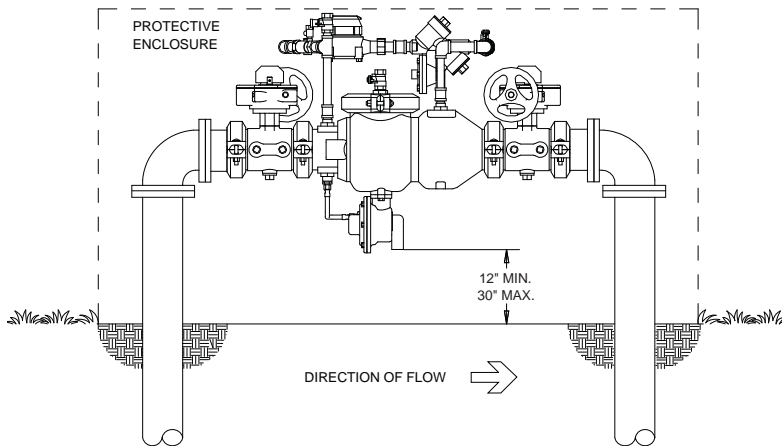
SIZE	OPTION	LIST PRICE EA.
2" - 6"	<b>RELIEF VALVE MONITOR SWITCH (MS) OPTION</b>	<b>1,161.00</b>
8" - 10"	<b>RELIEF VALVE MONITOR SWITCH (MS) OPTION</b>	<b>1,588.00</b>

Part number will be designated using "MS" (e.g. 212-375DAMS, 4-375DAMSG, 10-375DAMSOSYPIG).

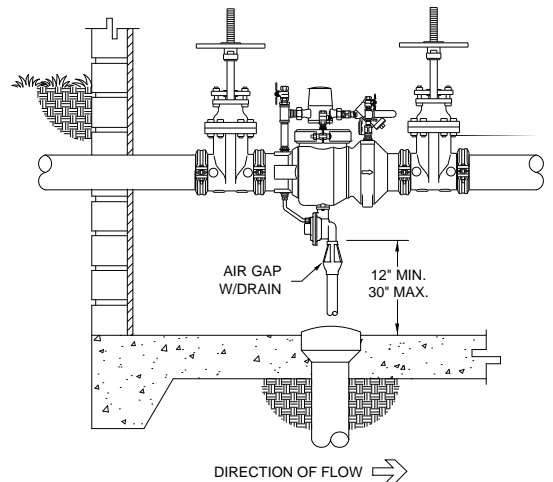
SIZE	OPTION	LIST PRICE EA.
2-1/2"	<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>	<b>551.00</b>
3"	<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>	<b>670.00</b>
4"	<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>	<b>1,091.00</b>
6"	<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>	<b>1,753.00</b>
8"	<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>	<b>3,480.00</b>
10"	<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION</b>	<b>6,030.00</b>

Part number will be designated using "FSC" (e.g. 212-375DAFSC, 4-375DAFSC, 10-375PIFSC). Lead-Free Law Compliant.

## TYPICAL INSTALLATION



**OUTDOOR INSTALLATION (MODEL 375ADABG)**



**INDOOR INSTALLATION (MODEL 375ADAG)**

## 475STDA/475STDAV SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475STDA: FLANGED OSY X FLANGED OSY</b>		
4"	4-475STDA	10,386.00
6"	6-475STDA	14,792.00
8"	8-475STDA	26,289.00
10"	10-475STDA	36,300.00
<b>475STDAV: FLANGED OSY X FLANGED OSY</b>		
4"	4-475STDAV	10,386.00
6"	6-475STDAV	14,792.00
8"	8-475STDAV	26,289.00
10"	10-475STDAV	36,300.00
<b>475STDAR: FLANGED OSY X FLANGED OSY REPLACEMENT BACKFLOW</b>		
4"	4-475STDAR	10,536.00
6"	6-475STDAR	14,941.00
8"	8-475STDAR	26,797.00
10"	10-475STDAR	36,993.00
<b>475STDARV: FLANGED OSY X FLANGED OSY REPLACEMENT BACKFLOW</b>		
4"	4-475STDARV	10,536.00
6"	6-475STDARV	14,941.00
8"	8-475STDARV	26,797.00
10"	10-475STDARV	36,993.00

### APPLICATIONS

Designed for drop in replacement of competitor valves and new installation on water lines in fire protection systems to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. The Model 475STDA shall provide protection in a high hazard health application. The configuration 475STDAV is for applications requiring vertical flow up. Incorporates metered by-pass to detect leaks and unauthorized water use.

### FEATURES

- 4" - 10"
- 175 psi max
- 140°F max
- n-Pattern space saving design
- Available in up/down (475STDA) or up/up (475STDAV) configuration
- Stainless steel body
- Direct drop in replacement of competitor valves
- The by-pass assembly consists of a water meter in series with a reduced pressure principle backflow preventer

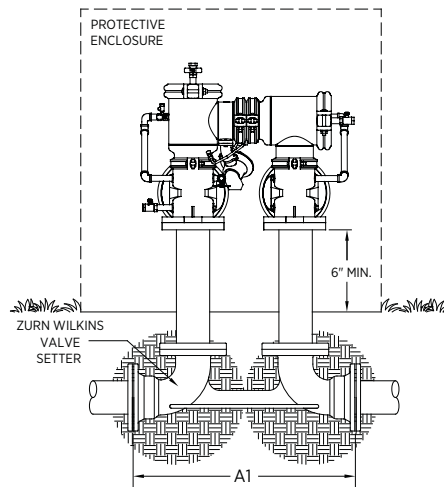
### APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1013, UL® Classified, FM® Approved, UL® Classified, CSA® Certified, AWWA Compliant C511 (with gates only), and C550
- Certified to NSF/ANSI 61

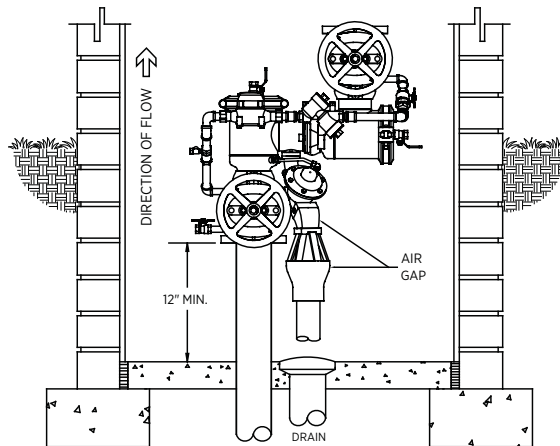
### ACCESSORIES

- Air gap (Model AG)
- Valve setter (Model FLSST or MJSST or MJSST)
- OS&Y gate valve supervisory switch (OSY-40)
- Repair kits
- 4" to 3" adaptor (RFK4X3-400ST)

### TYPICAL INSTALLATION



OUTDOOR INSTALLATION



VERTICAL INSTALLATION

# 475DA/475DAV SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY



## APPLICATIONS

Reduced Pressure Detector Assembly for high hazard fire protection system applications. Small footprint and vertical flow for new or retrofit installations with the Zurn Wilkins 475DA and 475DAV.

## FEATURES

- 4" - 10"
- 175 psi max
- 140°F max
- Available in up/down (475DA) or up/up (475DAV) configuration
- The by-pass assembly consists of a water meter in series with a reduced pressure principle backflow preventer
- Epoxy coated ductile iron body
- Modular, Center-Stem Guided Compound Checks

## APPROVALS AND APPLICABLE SPECIFICATIONS

- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California (sizes 4" – 8")
- UL® Classified, C-UL® Classified, AWWA Compliant
- ASSE® Listed 1047 (4" – 8)
- FM approved (4" – 8")
- Certified to NSF/ANSI 61 and 372

## ACCESSORIES

- Air gap (Model AG)
- Valve setter (Model FLS or MJS or MJFS)
- OS&Y gate valve supervisory switch (OSY-40)
- Available with CFM water meter (5/8" x 3/4")
- Repair kits

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475DA: FLANGED OSY X FLANGED OSY</b>		
4"	4-475DA	9,502.00
6"	6-475DA	13,625.00
8"	8-475DA	24,214.00
10"	10-475DA	33,434.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-475DAFG, 6-475DAGF, 10-475DAG).

<b>475DAPI: FLANGED PI X FLANGED PI</b>		
4"	4-475DAPI	9,502.00
6"	6-475DAPI	13,625.00
8"	8-475DAPI	24,214.00
10"	10-475DAPI	33,434.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-475DAPIFG, 6-475DAPIGF, 10-475DAPIG).

<b>475DABG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475DABG	10,262.00
6"	6-475DABG	15,000.00
8"	8-475DABG	26,659.00
10"	10-475DABG	35,160.00

<b>475DABF: FLANGED BF X FLANGED BF (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475DABF	10,571.00
6"	6-475DABF	15,388.00
8"	8-475DABF	27,085.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
10"	10-475DABF	35,638.00

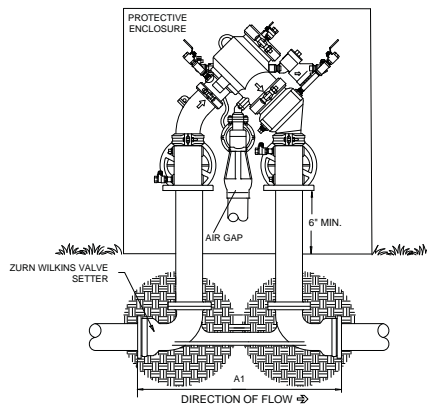
## 475DA WITH OSY AND PI SHUT-OFF VALVE COMBINATIONS

4" - 10" **Use OSY Pricing**  
For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-475DAPIOSYFG, 6-475DAOSYPIGF, 10-475DAOSYPIG).

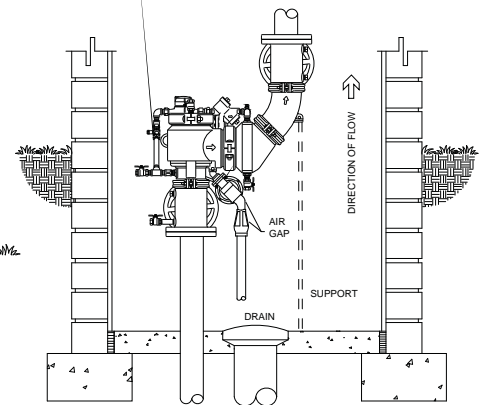
<b>475DAL: GROOVED X GROOVED, LESS SHUT-OFF VALVES</b>		
4"	4-475DAL	6,976.00
6"	6-475DAL	9,894.00
8"	8-475DAL	20,214.00
10"	10-475DAL	27,911.00

Part number will be designated using "L" (e.g. 4-475DAL, 6-475DALCFM, 10-475DALSCFM).

## TYPICAL INSTALLATION



**OUTDOOR INSTALLATION (MODEL 475DA)**



**VERTICAL INSTALLATION (MODEL 475DAV)**

# 475DA/475DAV SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY (CONTINUED)

BACKFLOW PREVENTERS  
 BACKFLOW PREVENTERS ACCESSORIES  
 STRAINERS  
 AUTOMATIC CONTROL VALVES  
 PRESSURE REDUCING VALVES  
 FIRE PROTECTION VALVES  
 THERMOSTATIC MIXING VALVES  
 RELIEF VALVES  
 MISCELLANEOUS PLUMBING PRODUCTS  
 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>475DAV: FLANGED OSY X FLANGED OSY</b>		
4"	4-475DAV	9,502.00
6"	6-475DAV	13,625.00
8"	8-475DAV	24,214.00
10"	10-475DAV	33,434.00
<i>For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-475DAVFG, 6-475DAVGF, 10-475DAVG).</i>		
<b>475DAVPI: FLANGED PI X FLANGED PI</b>		
4"	4-475DAVPI	9,502.00
6"	6-475DAVPI	13,625.00
8"	8-475DAVPI	24,214.00
10"	10-475DAVPI	33,434.00
<i>For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-475DAVPIFG, 6-475DAVPIGF, 10-475DAVPIG).</i>		
<b>475DAVBG: GROOVED BG X GROOVED BG (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475DAVBG	10,262.00
6"	6-475DAVBG	15,000.00
8"	8-475DAVBG	26,659.00
10"	10-475DAVBG	35,160.00
<b>475DAVBF: FLANGED BF X FLANGED BF (TAMPURED BUTTERFLY VALVES)</b>		
4"	4-475DAVBF	10,571.00
6"	6-475DAVBF	15,388.00
8"	8-475DAVBF	27,085.00
10"	10-475DAVBF	35,638.00
<b>475DAV WITH OSY AND PI SHUT-OFF VALVE COMBINATIONS</b>		
4" - 10"	Use OSY Pricing	
<i>For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-475DAVPIOSYFG, 6-475DAVOSYPIGF, 10-475DAVOSYPIG).</i>		

<b>OPTIONS AND LIST PRICE ADDERS</b> (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)	
<b>CUBIC FEET METER (CFM) OPTION</b>	
4" - 10"	No Charge
<i>Part number will be designated using "CFM" (e.g. 4-475DAVCFM, 6-475DAVCFMFG, 10-475DAVCFMOSYPIG).</i>	
<b>SENSUS CUBIC FEET METER (SCFM) OPTION</b>	
4" - 10"	207.00
<i>Part number will be designated using "SCFM" (e.g. 4-475DAVSCFM, 6-475DAVSCFMFG, 10-475DAVSCFMOSYPIG).</i>	
<b>LESS METER (LM) OPTION</b>	
4" - 10"	(324.00)
<i>Part number will be designated using "LM" (e.g. 4-475DAVLM, 6-475DAVLMFG, 10-475DAVLMOSYPIG).</i>	
<b>AIR GAP (-AG) OPTION</b>	
4" - 6"	AG Option, Iron Air Gap (AG-9) 273.00
8" - 10"	AG Option, Iron Air Gap (AG-10) 409.00
<i>Part number will be designated with the "-AG" (e.g. 4-475DAV-AG, 6-475DAVLMFG-AG, 10-475DAVOSYPIG-AG).</i>	
<b>RELIEF VALVE MONITOR SWITCH (MS) OPTION</b>	
4" - 6"	1,161.00
8" - 10"	1,588.00
<i>Part number will be designated using "MS" (e.g. 4-475DAVMS, 6-475DAVMSFG, 10-475DAVMSOSYPIG).</i>	

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## 310/310DA SERIES – SINGLE CHECK VALVE ASSEMBLY



### APPLICATIONS

Designed for use in water systems to prevent the reverse flow of non-hazardous substances into the remainder of the system. Used to protect upstream equipment, not adequate for low or high hazard backflow prevention.

### FEATURES

- 4" - 8"
- 175 psi max
- 140°F max
- Available as a 310DA, with detector assembly for fire protection
- Epoxy-coated ductile iron body
- Modular, Center-Stem Guided Compound Checks

### APPROVALS AND APPLICABLE SPECIFICATIONS

- FM® Approved, UL® Listed & C-UL® Listed (4" & 6")
- Certified to NSF/ANSI 372 (4", 6" & 8")

### TYPICAL INSTALLATION

Check with local water authority for installation requirements

### TYPICAL INSTALLATION

SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>310: FLANGED X FLANGED</b>		
4"	4-310	1,562.00
6"	6-310	2,150.00
8"	8-310	4,182.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>310DA: FLANGED X FLANGED, GPM METER</b>		
4"	4-310DA	2,667.00
6"	6-310DA	3,429.00
8"	8-310DA	5,796.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>310DAOSY: FLANGED X FLANGED, GPM METER, OS &amp; Y GATE VALVES</b>		
4"	4-310DAOSY	4,934.00
6"	6-310DAOSY	7,125.00
8"	8-310DAOSY	8,916.00

For grooved options, part number will be designated using "GF", "FG" or "G" (e.g. 4-310OSYFG, 6-310OSYGF, 8-310OSYG).

Other OS&Y Connection Options - Grooved x Flanged (GF), Flanged x Grooved (FG)

### OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)

#### CUBIC FEET METER (CFM) OPTION

4" - 8" **No Charge**

Part number will be designated using "CFM" (e.g. 4-310DACFM, 6-310DACFM, 8-310DACFMOSY).

#### SENSUS CUBIC FEET METER (SCFM) OPTION

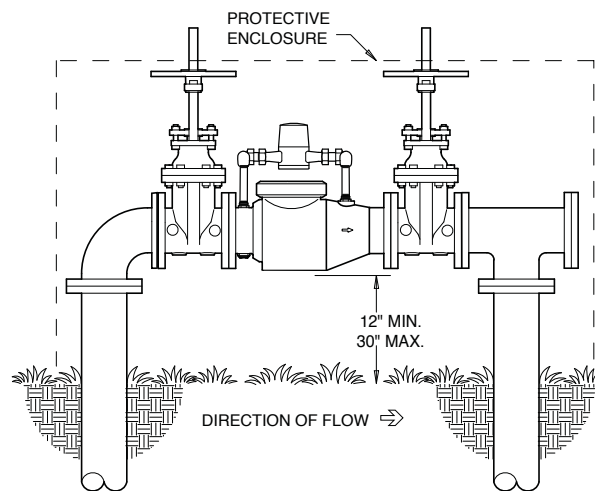
4" - 8" **207.00**

Part number will be designated using "SCFM" (e.g. 4-310DASCFM, 6-310DASCFM, 8-310DASCFMOSY).

#### LESS METER (LM) OPTION

4" - 8" **(324.00)**

Part number will be designated using "LM" (e.g. 4-310DALM, 6-310DALMFG, 8-310DALMOSY).



**OUTDOOR INSTALLATION (310DAOSY)**

## 420XL SERIES – PRESSURE VACUUM BREAKER



### APPLICATIONS

The freeze resistant 420XL is a cartridge loaded Pressure Vacuum Breaker that is perfect for residential irrigations and plumbing systems. The 420XL is Lead-Free Law compliant.

### FEATURES

- 3/4", 1"
- 175 psi max
- 140°F max
- Integral relief valve reduces the risk of valve damage under non-seasonal freezing conditions
- Thermoplastic modular cartridge design
- All bronze body and corrosion-resistant internal parts

### APPROVALS AND APPLICABLE SPECIFICATIONS

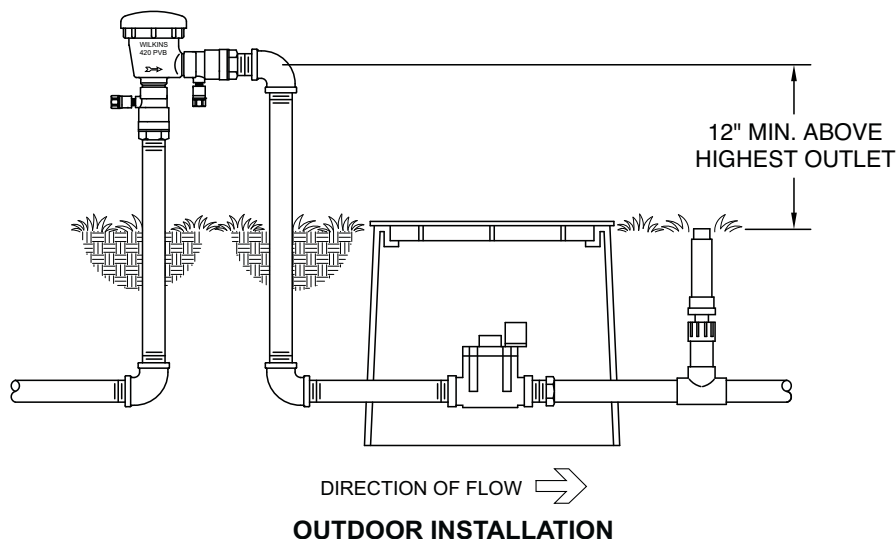
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1020, IAPMO® Listed, CSA® Certified
- Certified to NSF/ANSI 372

### ACCESSORIES

- Water hammer arrester (Model 1260XL)
- Repair kit

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>420XL : FNPT X FNPT</b>		
3/4"	34-420XL	401.00
1"	1-420XL	466.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>		
<b>FAST-TEST TEST COCKS (FT) OPTION (E.G. 1-420XLFT)</b>		
3/4" - 1"		No Charge

### TYPICAL INSTALLATION



## 460XL SERIES – SPILL RESISTANT PRESSURE VACUUM BREAKER



### APPLICATIONS

The 460XL spill resistant Vacuum Breaker is perfect for indoor applications due to its "spill resistant" feature. Used in high hazard backsiphonage applications.

### FEATURES

- 3/8" - 1"
- 150 psi max
- 180°F max
- Spill resistant feature for indoor use
- Easy maintenance - bonnet & seat removal tool built into canopy
- Replaceable modular thermoplastic cartridge

### APPROVALS AND APPLICABLE SPECIFICATIONS

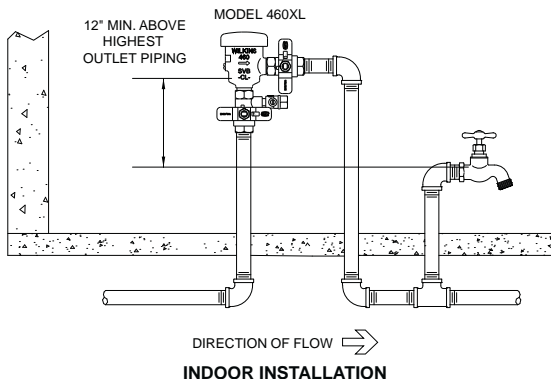
- Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- ASSE® Listed 1056, IAPMO® Listed, CSA®
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Water hammer arrester (Model 1260XL)
- Repair kit

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>460XL: FNPT X FNPT</b>		
3/8"	38-460XL	495.00
1/2"	12-460XL	495.00
3/4"	34-460XL	597.00
1"	1-460XL	665.00

### TYPICAL INSTALLATION



## 710 SERIES – PRESSURE VACUUM BREAKER



SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>710: FNPT X FNPT</b>		
3/4"	34-710	296.00
1"	1-710	363.00

### APPLICATIONS

This Pressure Vacuum Breaker Assembly protects against backsiphonage and is a low-maintenance, cost effective solution for high-hazard irrigation applications – commercial or residential.

### FEATURES

- 3/4", 1"
- 150 psi max
- 140°F max
- Bronze body
- Lead-free exempt for non-potable applications only

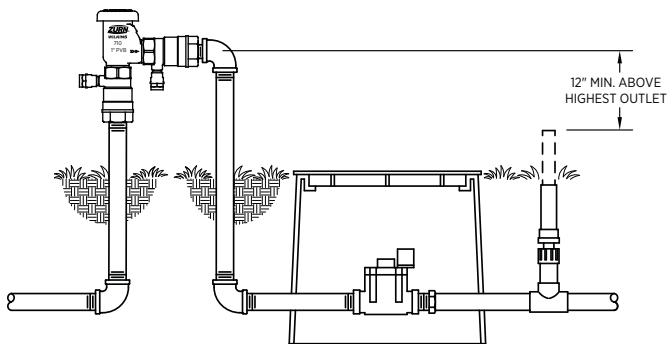
### APPROVALS AND APPLICABLE SPECIFICATIONS

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

### ACCESSORIES

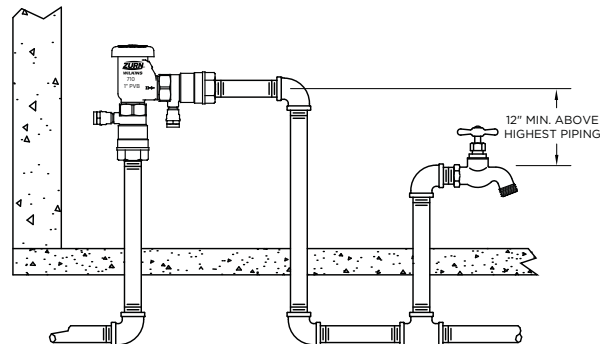
- Water Hammer Arrester (Model 1260XL)
- Freeze Relief Valve (Model ZWFR)
- QT-SET Quick Test Fitting Set
- Repair kits

### TYPICAL INSTALLATION



DIRECTION OF FLOW →

**OUTDOOR INSTALLATION**



DIRECTION OF FLOW →

**INDOOR INSTALLATION**



## 720A SERIES – PRESSURE VACUUM BREAKER



SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>720A: FNPT X FNPT</b>		
1/2"	12-720A	347.00
3/4"	34-720A	354.00
1"	1-720A	407.00
1-1/4"	114-720A	984.00
1-1/2"	112-720A	1,027.00
2"	2-720A	1,196.00
<b>720AU: FNPT X FNPT, UNION BALL VALVES (ASSE LISTED ONLY)</b>		
3/4"	34-720AU	451.00
1"	1-720AU	525.00
<b>OPTIONS AND LIST PRICE ADDERS</b> (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)		
<b>FAST-TEST TEST COCKS (FT) OPTIONS (E.G. 34-720AFT, 2-720AFT), 1/2" THROUGH 1" USC APPROVED</b>		
1/2" - 2"		<b>No Charge</b>
<i>Part number will be designated using "FT" (e.g. 34-720AFT, 2-720AFT).</i>		

### APPLICATIONS

This time tested Pressure Vacuum Breaker will give years of unparalleled service in high hazard backsiphonage conditions.

### FEATURES

- 1/2" - 2"
- 150 psi max
- 110°F max
- Bronze body & bonnet
- Lead-free exempt for non-potable applications only

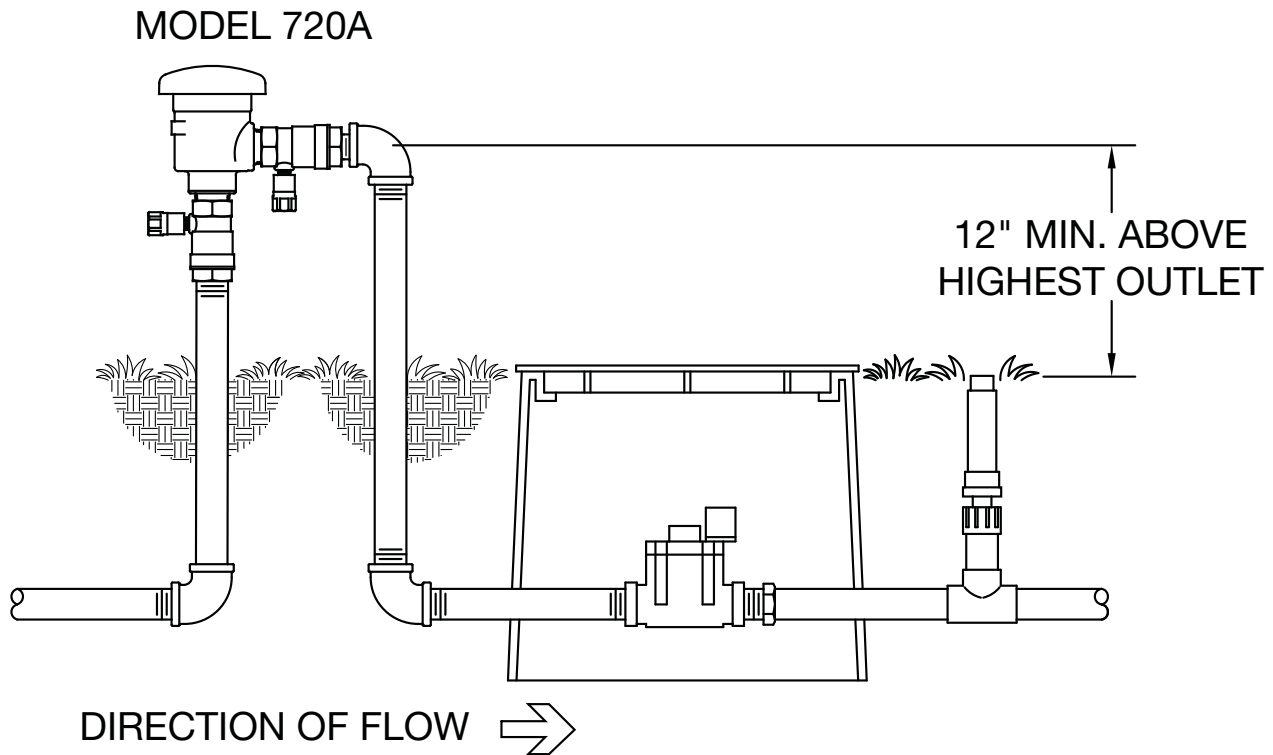
### APPROVALS AND APPLICABLE SPECIFICATIONS

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

### ACCESSORIES

- Water Hammer Arrester (Model 1260XL)
- Freeze Relief Valve (Model ZWFR)
- Repair kits

### TYPICAL INSTALLATION



## 700XL SERIES – DUAL CHECK VALVE



### APPLICATIONS

The 700XL Dual Check Valve is available in many end configurations for easy installation on any low hazard piping system.

### FEATURES

- 1/4" - 1"
- 175 psi max
- 180°F max
- Bronze body construction
- Single union standard on inlet of all models
- May be installed vertically or horizontally

### APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1024, CSA® Certified
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Thermal expansion tank (Model XT)
- Shut-off valve with integral thermal expansion relief valve (Model BVECXL)

### KEY

U	=	Indicates location of "union" connection
FNPT	=	Female National Pipe Tapered Thread
MNPT	=	Male National Pipe Tapered Thread
FC	=	Female Copper Sweat
FMTC	=	Female Meter Thread Connection (National Hose Strait Thread)
MMTC	=	Male Meter Thread Connection (National Hose Strait Thread)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>700XL/700: UNION FNPT X FNPT</b>				
1/4"	14UFX14F-700XL	81.00	-	-
3/8"	38UFX38F-700XL	81.00	-	-
1/2"	12UFX12F-700XL	81.00	-	-
3/4"	34UFX34F-700XL	87.00	34UFX34F-700	63.00
1"	1UFX1F-700XL	90.00	1UFX1F-700	65.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>700XL: MNPT X UNION FNPT</b>		
3/4"	34MX34UF-700XL	95.00
1"	1MX1UF-700XL	109.00
<b>700XL: UNION FEMALE METER X FNPT</b>		
3/4"	34UFMX34F-700XL	109.00
1" x 3/4"	1UFMX34F-700XL	119.00
1"	1UFMX1F-700XL	124.00
<b>700XL: UNION FEMALE METER X MNPT</b>		
3/4"	34UFMX34M-700XL	114.00
3/4" x 1"	34UFMX1M-700XL	84.00
1" x 3/4"	1UFMX34M-700XL	100.00
1"	1UFMX1M-700XL	80.00
<b>700XL: UNION FEMALE METER X UNION FNPT</b>		
1" x 3/4"	1UFMX34UF-700XL	87.00
1"	1UFMX1UF-700XL	90.00
1-1/4"	114UFMX1UF-700XL	154.00
<b>700XL: UNION FEMALE METER X MALE METER</b>		
3/4"	34UFMX34MM-700XL	87.00
3/4" x 1"	34UFMX1MM-700XL	107.00
1" x 3/4"	1UFMX34UMM-700XL	108.00
1"	1UFMX1MM-700XL	90.00

## 700XLFP SERIES – DUAL CHECK VALVE

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>700XLFP: DUAL CHECK VALVE, UNION FNPT X FNPT</b>		
1"	1UFX1F-700XLFP	278.00
1-1/4"	114UFX114F-700XLFP	235.00
1-1/2"	112UFX112F-700XLFP	222.00
<b>700XLFP: DUAL CHECK VALVE, UNION FEMALE METER X FNPT</b>		
1-1/4" x 1"	114UFMX1F-700XLFP	235.00
1-1/4"	114UFMX114F-700XLFP	235.00
<b>700XLFP: DUAL CHECK VALVE, UNION FEMALE CU SWT X FNPT</b>		
1-1/2"	112UFCX112F-700XLFP	222.00

## 705 SERIES – DUAL CHECK VALVE



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>705: FNPT X UNION FNPT</b>		
3/4"	34FX34UF-705	50.00
1"	1FX1UF-705	50.00
<b>705: UNION FNPT X FNPT</b>		
3/4"	34UFX34F-705	58.00
1"	1UFX1F-705	58.00
<b>705: UNION MNPT X FNPT</b>		
1"	1UMX1F-705	62.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>705: UNION FEMALE CU SWT X FNPT</b>		
3/4"	34UFCX34F-705	71.00
<b>705: UNION FEMALE METER X FNPT</b>		
1" x 3/4"	1UFMX34F-705	58.00
1"	1UFMX1F-705	58.00

### APPLICATIONS

A composite version of the 700XL dual check for low hazard water systems.

### FEATURES

- 3/4", 1"
- 175 psi max
- 180°F max
- Single union standard on inlet of all models
- May be installed vertically or horizontally

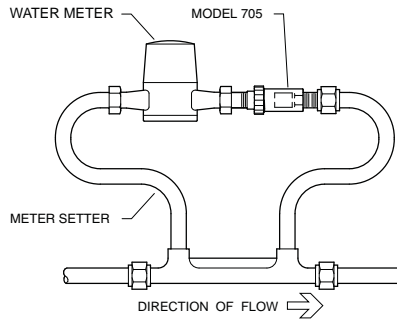
### APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1024, CSA® Certified
- Certified to NSF/ANSI 61 and 372

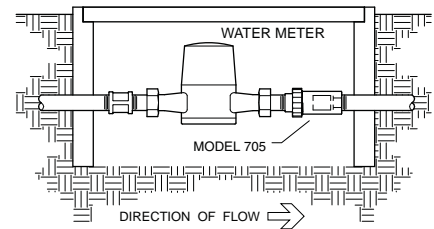
### ACCESSORIES

- Thermal expansion tank (Model XT)

### TYPICAL INSTALLATION



METER SETTER INSTALLATION



PIT INSTALLATION

## 730/735 SERIES – LABORATORY FAUCET VACUUM BREAKER



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>730: FNPT X FNPT, POLISHED CHROME</b>		
3/8"	38-730	121.00
<b>730FM: FNPT X MALE NPT, POLISHED CHROME</b>		
3/8"	38-730FM	144.00
<b>735: FNPT X FNPT, BRASS</b>		
3/8"	38-735	118.00
<b>735CH: FNPT X FNPT, CHROME</b>		
3/8"	38-735CH	124.00

### APPLICATIONS

The Zurn Wilkins 730 and 735 are intended to be used on laboratory service sinks where high hazard backflow could occur due to backsiphonage.

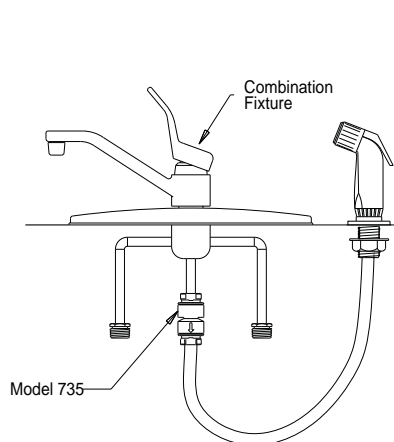
### FEATURES

- Model 730: 3/8" [non-continuous pressure applications]
- Model 735: 3/8" [continuous pressure applications]
- 150 psi max
- 180°F max
- Main valve body brass ASTM B 16; polished chrome finish (Model 730)

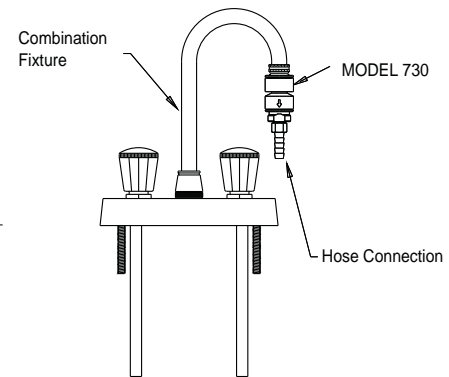
### APPROVALS AND APPLICABLE SPECIFICATIONS

- Model 730 - ASSE® Listed 1035, CSA® Certified B64.7, IAPMO® Listed
- Model 735 - CSA® Certified B64.8
- Certified to NSF/ANSI 372

### TYPICAL INSTALLATION



In-line continuous use  
(see above for approvals)



Faucet hose connection

## 740 SERIES – BACKFLOW PREVENTER FOR VENDING MACHINE WATER SUPPLY



### APPLICATIONS

The Model 740 is designed for installation in vending machine water supply lines to prevent backflow of carbon dioxide and carbonated water into the potable supply.

### FEATURES

- 3/8"
- 150 psi max
- 130°F max
- SAE J513 flare fitting threads inlet and outlet
- All stainless steel construction
- Silicon rubber check valve discs

### APPROVALS AND APPLICABLE SPECIFICATIONS

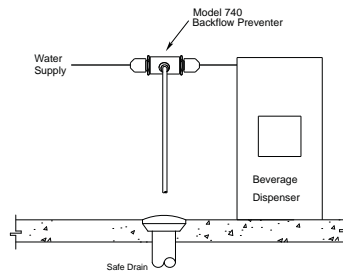
- ASSE® Listed 1022
- Certified to NSF/ANSI 372

### TYPICAL INSTALLATION

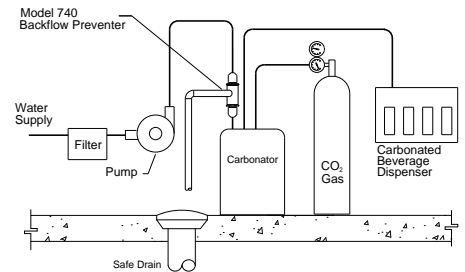
The Model 740 can be installed in the horizontal or vertical position. Under certain conditions the Model 740 may discharge water from the vent port. Provisions must be made to ensure that discharge will not damage surrounding property or equipment. Copper tubing shall not be used downstream of the Model 740.

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>740: SAE 45 X SAE 45, STAINLESS STEEL</b>		
3/8"	38-740	188.00
<b>740F: FNPT X FNPT, STAINLESS STEEL</b>		
3/8"	38-740F	185.00

### TYPICAL INSTALLATION



Non-Carbonated Beverage System



Carbonated Beverage System

## 760 SERIES – DUAL CHECK WITH ATMOSPHERIC VENT



### APPLICATIONS

The 760 provides low hazard protection against backflow from a residential boiler.

### FEATURES

- 1/2", 3/4"
- 175 psi max
- 210°F max
- Continuous pressure type backflow preventer with threaded atmospheric vent drain
- Brass body construction
- Integral stainless steel screen
- Union connections both ends; available with FNPT or copper connections

### APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1012, CSA® Certified

### ACCESSORIES

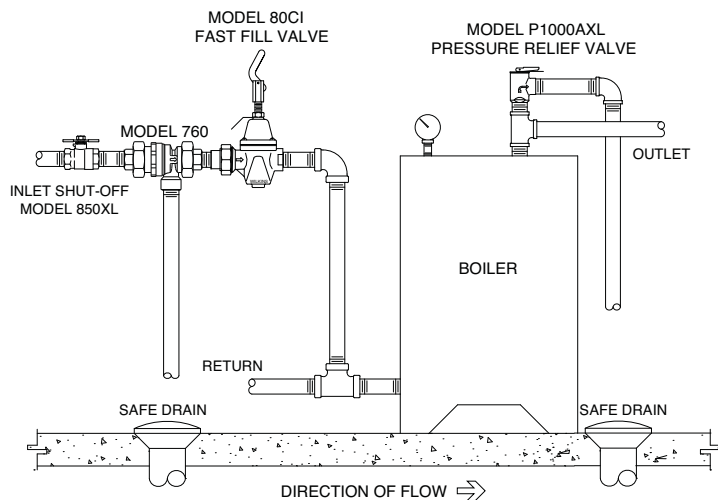
- Hydronic expansion tank (HXT)
- Pressure relief valve (P1000AXL)

### TYPICAL INSTALLATION

Under certain conditions, the Model 760 will spill water from the vent port. WARNING: Provisions must be made to collect this spillage through an air gap or other means. The vent port should never be directly piped into a drainage ditch, sewer or pump. Under no circumstances should the vent port or drain line be plugged. Local codes shall govern installation requirements. To be installed in accordance with the manufacturers' instructions and the latest edition of the Uniform Plumbing Code. The installation shall be made so that no part of the unit can be submerged.

SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>760: FNPT X FNPT</b>		
1/2"	12-760	114.00
3/4"	34-760	132.00
<b>760C: FEMALE CU SWT X FEMALE CU SWT</b>		
1/2"	12-760C	114.00
3/4"	34-760C	132.00

### TYPICAL INSTALLATION



## 40XL2 SERIES – IN-LINE SINGLE CHECK VALVE



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>40XL2: FNPT X FNPT</b>		
1/4"	14-40XL2	80.00
3/8"	38-40XL2	73.00
1/2"	12-40XL2	79.00
3/4"	34-40XL2	122.00
1"	1-40XL2	164.00
1-1/4"	114-40XL2	235.00
1-1/2"	112-40XL2	406.00
2"	2-40XL2	436.00
2-1/2"	212-40XL2	791.00
3"	3-40XL2	1,065.00
4"	4-40XL2	1,746.00

### APPLICATIONS

The soft seated slow closing check design of the 40XL2 series is ideal as a backdrop against inlet pressure fluctuations that may cause RP relief valve discharge and/or water hammer.

### FEATURES

- 1/4" - 2"
- 200 psi
- 210°F max
- Brass body construction
- PEI poppet and NBR rubber seat gasket, stainless steel spring
- Female NPT inlet and outlet connections
- May be installed in any position

### APPROVALS AND APPLICABLE SPECIFICATIONS

- Certified to NSF/ANSI 61 and 372

## 35XL SERIES – ATMOSPHERIC VACUUM BREAKER



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>35XL: FNPT X FNPT, BRONZE</b>		
1/2"	12-35XL	61.00
3/4"	34-35XL	72.00
1"	1-35XL	90.00
1-1/4"	114-35XL	180.00
1-1/2"	112-35XL	224.00
2"	2-35XL	354.00
<b>35XLCH: FNPT X FNPT, CHROME</b>		
1/2"	12-35XLCH	64.00
<b>35XLPCH: FNPT X FNPT, POLISHED CHROME</b>		
1/2"	12-35XLPCH	58.00
<b>35XLVCH: FNPT X FNPT, CHROME, VERTICAL INLET &amp; OUTLET</b>		
1/4"	14-35XLVCH	67.00

### APPLICATIONS

The 35XL Atmospheric Vacuum Breaker is an economical way of preventing high hazard backsiphonage backflow in non-continuous pressure applications.

### FEATURES

- 1/4", 1/2" - 2"
- 125 psi max
- 180°F max
- Bronze body
- Lightweight, plastic poppet float

### APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1001, IAPMO® Listed, CSA® Certified
- Certified to NSF/ANSI 372

### ACCESSORIES

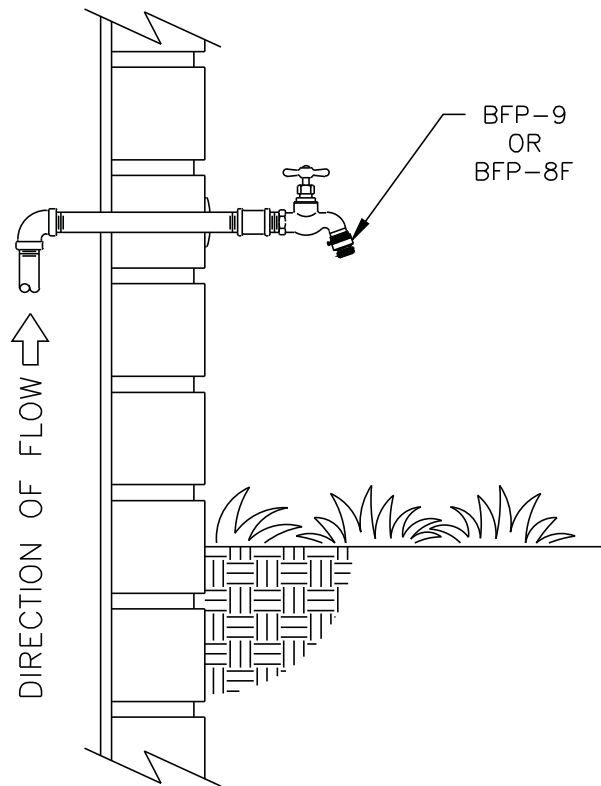
- Water hammer arrestor (Model 1260XL)

## BFP-9 & BFP-8F SERIES – HOSE CONNECTION VACUUM BREAKER



SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>BFP-9: FNH X MNH</b>		
3/4"	BFP-9	17.00
<b>BFP-9CH: FNH X MNH, CHROME PLATED</b>		
3/4"	BFP-9CH	22.00
<b>BFP-8F: FNH X MNH, MANUAL DRAIN FOR FREEZE PROTECTION</b>		
3/4"	BFP-8F	29.00

### TYPICAL INSTALLATION



### TYPICAL HOSE BIBB INSTALLATION

#### APPLICATIONS

Designed for installation on hose bibbs to protect against backsiphonage of polluted water into the non-potable water supply.

#### FEATURES

- 3/4"
- 125 psi max
- 180°F max
- Brass hose bibb backflow preventer with vandal resistant feature

#### APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1011, IAPMO® Listed, CSA® Certified

# NOTES

BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS

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# BACKFLOW PREVENTERS ACCESSORIES

Backflow prevention systems generally are comprised of more than just a backflow assembly. Zurn Wilkins offers a complete line of backflow accessories to accompany your installation, from ancillary shut-off valves to test kits, and accessories for valve monitoring and frost protection.

<b>WBR SERIES</b> – IN BUILDING RISERS	<b>56</b>
<b>ZWFR</b> – FREEZE RELIEF VALVE	<b>56</b>
<b>BVMS</b> – BALL VALVE MONITOR SWITCH	<b>57</b>
<b>OSY-40</b> – GATE VALVE SUPERVISORY SWITCH KIT	<b>57</b>
<b>850XL SERIES</b> – FULL PORT BALL VALVE	<b>57</b>
<b>48 SERIES</b> – NRS GATE VALVE	<b>58</b>
<b>48OSY SERIES</b> – OS&Y GATE VALVE	<b>58</b>
<b>48PIV</b> – POST INDICATOR GATE VALVE	<b>59</b>
<b>F48OSYF SERIES</b> – FIRE OS&Y UNTAPPED GATE VALVE	<b>59</b>
<b>49 SERIES</b> – BUTTERFLY VALVE	<b>60</b>
<b>FLUSH FITTING TOOLS</b> – 350/375 BACKFLOW PREVENTERS	<b>60</b>
<b>TG-3 AND TG-5</b> – BACKFLOW ASSEMBLY TEST KITS	<b>61</b>
<b>QT-SET (BRASS) AND QTP (PLASTIC)</b> – QUICK TEST FITTINGS	<b>61</b>
<b>400 SERIES SETTER</b>	<b>62</b>
<b>400ST SERIES SETTER</b>	<b>62</b>
<b>RFK4X3-400ST</b> – 4" X 3" SETTER ADAPTERS FOR 400ST SERIES	<b>63</b>
<b>AG SERIES</b> – AIR GAP	<b>63</b>



## WBR SERIES – IN BUILDING RISERS



### APPROVALS AND APPLICABLE SPECIFICATIONS

- UL \* Listed, ULC \* Listed, FM® Approved
- Certified to NSF/ANSI 372

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>WBR: PUSH-ON X GROOVED, 6' X 6' ELBOW STANDARD, INCLUDES END CAP</b>		
4"	4-WBR	2,401.00
6"	6-WBR	3,127.00
8"	8-WBR	4,127.00
10"	10-WBR	6,220.00
<b>WBR-F: PUSH-ON X FLANGED, 6' X 6' ELBOW STANDARD</b>		
4"	4-WBR-F	2,451.00
6"	6-WBR-F	3,451.00
8"	8-WBR-F	4,627.00
10"	10-WBR-F	6,621.00
<b>WBR-6X8.5: PUSH ON X GROOVED, 6' X 8.5' ELBOW STANDARD, INCLUDES END CAP</b>		
4"	4-WBR6X8.5	2,555.00
6"	6-WBR6X8.5	3,165.00
8"	8-WBR6X8.5	4,171.00
10"	10-WBR6X8.5	7,112.00

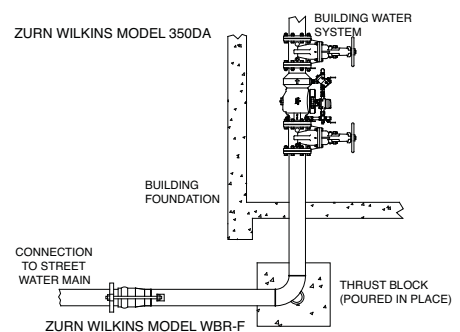
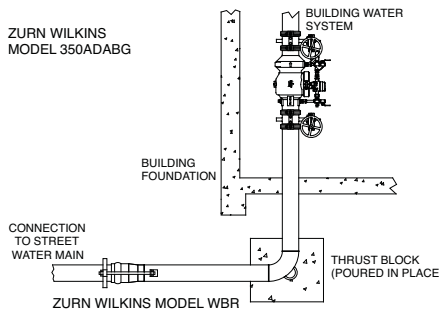
### APPLICATIONS

Designed to connect a water supply line from outside the building to the water system inside the building. The Model WBR may be used in potable water or fire applications and has an all-stainless steel construction.

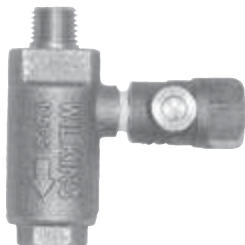
### FEATURES

- 4" - 10"
- 200 psi max
- 140°F max
- Push-on inlet end connection (PVC or ductile iron pipe)
- Grooved (standard) or flanged outlet end connection
- Available with extended 8-1/2' (102") vertical leg (grooved outlet connection only)
- Brackets on inlet side provide attachment points for pipe installation equipment

### TYPICAL INSTALLATION



## ZWFR – FREEZE RELIEF VALVE



### TYPICAL INSTALLATION

The Model ZWFR should be installed on the downstream test cock or downstream attached piping of any backflow device installed above ground where freezing is a concern.

NOTICE: If the Model ZWFR is installed on a test cock, the test cock must be left in the open position to allow the ZWFR to function properly.

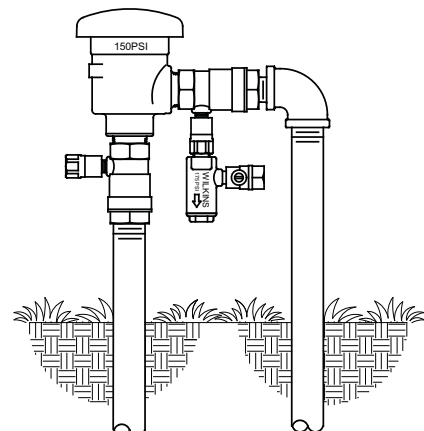
The device is best suited to be installed in the vertical down position, but may also be installed at any orientation up to horizontal. Orientations above horizontal may cause an ice dam during operation and impair valve function.

The device is not intended to replace the standard winterization process.

WARNING: Under freezing conditions the Model ZWFR will discharge water from the outlet port. Provisions must be made to insure that discharge will not damage surrounding property or equipment.

SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>ZWFR: 1/4" MNPT FREEZE RELIEF VALVE, W/ TEST COCK, 175 PSI</b>		
1/4"	14-ZWFR	193.00

### TYPICAL INSTALLATION



### APPLICATIONS

For installation on backflow preventers and vacuum breakers. Ideal for regions where occasional/unexpected freezes occur, yet winterization (flushout) is not common.

### FEATURES

- 1/4" MNPT
- 175 psi max
- 140°F max
- Opening temperature 35°F
- Closing temperature 40°F
- Test cock: 1/8" MNPT X 1/4" FNPT
- Compact size and shape allow for ease of installation

## BVMS – BALL VALVE MONITOR SWITCH



### APPLICATIONS

The Model BVMS is designed to monitor the fully open position of a ball valve installed in a sprinkler system. The BVMS will mount onto Wilkins 950XL, 950XL2, 975XL, and 975XL2 backflow preventers.

### FEATURES

- 3/4" - 2"
- For use on 950XL, 950XL2, 975XL, and 975XL2
- Complete with mounting hardware
- Contacts for both normally open and normally closed operation
- NO/NC SPDT contacts: 10A at 125/250 VAC, 2A at 30 VDC
- On backflow installations a switch is required on each ball valve, thus two BVMS are required

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>BVMS</b>			
3/4" - 1"	Small clamp w/BV switch	BVMS-S40	544.00
1-1/4" - 2"	Large clamp w/BV switch	BVMS-L40	454.00

## OSY-40 – GATE VALVE SUPERVISORY SWITCH KIT



### APPLICATIONS

The OSY-40 supervisory switch is used to monitor the open position of an OS&Y (outside stem and yoke) type gate valve.

### FEATURES

- For use on OS&Y type gate valves sizes 2-1/2" thru 12"
- Kit includes switch and bracket for installation
- On backflow installations a switch is required on each OS&Y gate valve

### APPROVALS AND APPLICABLE STANDARDS

- UL listed and CSFM Listed, FM approved, NYMEA accepted, CE marked
- Complies with NFPA 13, 13D, 13R, 71 and 72

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>OSY-40</b>			
2-1/2" - 12"	OSY Switch	OSY-40	610.00

## 850XL SERIES – FULL PORT BALL VALVE



### APPLICATIONS

Zurn Wilkins Model 850XL full port brass ball valves are recommended for residential, commercial and industrial applications.

### FEATURES

- 3/8" - 2"
- 600 psi max
- Full port solid ball
- Bronze body

### APPROVALS AND APPLICABLE STANDARDS

- Certified to NSF/ANSI 372

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>850XL: FULL PORT BRONZE THREADED BALL VALVE, FNPT X FNPT</b>		
3/8"	38-850XL	44.00
1/2"	12-850XL	50.00
3/4"	34-850XL	64.00
1"	1-850XL	100.00
1-1/4"	114-850XL	147.00
1-1/2"	112-850XL	203.00
2"	2-850XL	309.00
<b>850TXL: FULL PORT BRONZE THREADED BALL VALVE, FNPT X FNPT, TAPPED</b>		
3/8"	38-850TXL	58.00
1/2"	12-850TXL	63.00
3/4"	34-850TXL	67.00
1"	1-850TXL	109.00
1-1/4"	114-850TXL	153.00
1-1/2"	112-850TXL	215.00
2"	2-850TXL	355.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>850UXL: FULL PORT BRONZE THREADED BALL VALVE, FNPT UNION X FNPT</b>		
3/4"	34-850UXL	112.00
1"	1-850UXL	166.00
1-1/4"	114-850UXL	259.00
1-1/2"	112-850UXL	391.00
2"	2-850UXL	543.00
<b>850TUXL: FULL PORT BRONZE THREADED BALL VALVE, FNPT UNION X FNPT, TAPPED</b>		
3/4"	34-850TUXL	123.00
1"	1-850TUXL	171.00
1-1/4"	114-850TUXL	272.00
1-1/2"	112-850TUXL	400.00
2"	2-850TUXL	557.00
<b>850MXL: FULL PORT BRONZE THREADED BALL VALVE, MNPT X FNPT</b>		
3/8"	38-850MXL	52.00
1/2"	12-850MXL	55.00
<b>850TMXL: FULL PORT BRONZE THREADED BALL VALVE, MNPT X FNPT, TAPPED</b>		
3/8"	38-850TMXL	56.00
1/2"	12-850TMXL	61.00

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## 48 SERIES – NRS GATE VALVE



### APPLICATIONS

Designed for installation on potable water lines, irrigation systems, and waterworks connections.

### FEATURES

- 2-1/2" - 12"
- 250 psi max
- Non-rising stem
- Full flow waterway
- Tapped and plugged

### APPROVALS AND APPLICABLE STANDARDS

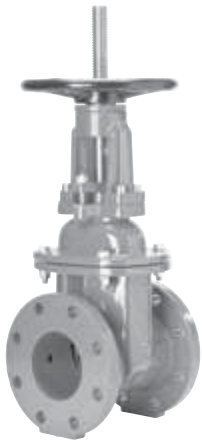
- Valves conform to ANSI/AWWA C515 and C550
- Flanges conform to ANSI/ASME B16.1
- Grooved end conforms to ANSI/AWWA C606
- UL® Listed, C-UL® Listed, FM® Approved
- Certified to NSF/ANSI 372

### ACCESSORIES

2" Square operating nut available

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>48: NRS GATE VALVES, FLANGED X FLANGED</b>		
2-1/2"	212-48	1,116.00
3"	3-48	1,393.00
4"	4-48	1,442.00
6"	6-48	1,948.00
8"	8-48	3,016.00
10"	10-48	4,099.00
12"	12IN-48	7,101.00
<b>48G: NRS GATE VALVES, GROOVED X GROOVED</b>		
2-1/2"	212-48G	1,116.00
3"	3-48G	1,303.00
4"	4-48G	1,442.00
6"	6-48G	1,948.00
8"	8-48G	3,016.00
10"	10-48G	4,099.00
<b>48GXF: NRS GATE VALVES, GROOVED X FLANGED</b>		
2-1/2"	212-48GXF	1,116.00
3"	3-48GXF	1,303.00
4"	4-48GXF	1,442.00
6"	6-48GXF	1,948.00
8"	8-48GXF	3,016.00
10"	10-48GXF	4,099.00

## 48OSY SERIES – OS&Y GATE VALVE



### FEATURES

- Sizes: 2" - 12"
- 250 psi max
- Outside stem and yoke (rising stem for visual indication)
- Full flow waterway
- Tapped and plugged

### APPROVALS AND APPLICABLE STANDARDS

- Grooved end conforms to ANSI/AWWA C606
- Flanged end conforms to ANSI/ASME B16.1
- Valves conform to ANSI/AWWA C515 and C550
- UL® listed, FM® Approved, C-UL® listed
- Certified to NSF/ANSI 372

### ACCESSORIES

- OS&Y gate valve supervisory switch (OSY-40)

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>48OSYCIT: OS&amp;Y GATE VALVES, FNPT X FNPT</b>		
2"	2-48OSYCIT	1,333.00
<b>48OSY: OS&amp;Y GATE VALVES, FLANGED X FLANGED</b>		
2-1/2"	212-48OSY	1,233.00
3"	3-48OSY	1,389.00
4"	4-48OSY	1,500.00
6"	6-48OSY	2,351.00
8"	8-48OSY	3,721.00
10"	10-48OSY	5,053.00
12"	12IN-48OSY	7,319.00
<b>48OSYG: OS&amp;Y GATE VALVES, GROOVED X GROOVED</b>		
2-1/2"	212-48OSYG	1,233.00
3"	3-48OSYG	1,389.00
4"	4-48OSYG	1,500.00
6"	6-48OSYG	2,351.00
8"	8-48OSYG	3,721.00
10"	10-48OSYG	5,053.00
<b>48OSYGXF: OS&amp;Y GATE VALVES, GROOVED X FLANGED</b>		
2-1/2"	212-48OSYGXF	1,233.00
3"	3-48OSYGXF	1,389.00
4"	4-48OSYGXF	1,500.00
6"	6-48OSYGXF	2,351.00
8"	8-48OSYGXF	3,721.00
10"	10-48OSYGXF	5,053.00

### APPLICATIONS

Designed for installation on potable water lines, waterworks connections, and fire systems.

## 48PIV – POST INDICATOR GATE VALVE



### APPLICATIONS

Designed for installation on potable water lines leading to fire suppression systems.

### FEATURES

- 2-1/2" - 10"
- 250 psi max
- Universal post indicator (PI) plate and operating nut
- Resilient seated
- Full flow waterway
- Tapped and plugged

### APPROVALS AND APPLICABLE STANDARDS

- Grooved end conforms to ANSI/AWWA C606
- Flanged end conforms to ANSI/ASME B16.1
- Valves conform to ANSI/AWWA C515 and C550
- UL® listed, FM® Approved, C-UL® listed
- Certified to NSF/ANSI 372

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>48PIV: POST INDICATOR GATE VALVE, FLANGED X FLANGED</b>		
2-1/2"	212-48PIV	1,233.00
3"	3-48PIV	1,389.00
4"	4-48PIV	1,500.00
6"	6-48PIV	2,351.00
8"	8-48PIV	3,721.00
10"	10-48PIV	5,053.00
12"	12IN-48PIV	7,319.00
<b>48PIVG: POST INDICATOR GATE VALVE, GROOVED X GROOVED</b>		
2-1/2"	212-48PIVG	1,233.00
3"	3-48PIVG	1,389.00
4"	4-48PIVG	1,500.00
6"	6-48PIVG	2,351.00
8"	8-48PIVG	3,721.00
10"	10-48PIVG	5,053.00
<b>48PIVGXF: POST INDICATOR GATE VALVE, GROOVED X FLANGED</b>		
2-1/2"	212-48PIVGXF	1,233.00
3"	3-48PIVGXF	1,389.00
4"	4-48PIVGXF	1,500.00
6"	6-48PIVGXF	2,351.00
8"	8-48PIVGXF	3,721.00
10"	10-48PIVGXF	5,053.00
12"	12IN-48PIVGXF	7,319.00

## F48OSYF SERIES – FIRE OS&Y UNTAPPED GATE VALVE



### APPLICATIONS

The Zurn F48OSYF Fire OS&Y Untapped rising stem resilient wedge gate valve provides a visual indication of valves open/closed position. Used as a control valve in fire protection systems.

### FEATURES

- Sizes: 2 1/2" - 10"
- 250 psi max
- Outside stem and yoke, resilient wedge gate valve
- Low-lead law compliant

### APPROVALS AND APPLICABLE STANDARDS

- Valves conform to AWWA C515 and C550
- Flanged end conforms to ANSI/ASME B16.42 class 150
- UL® Listed, C-UL® Listed, FM® Approved

### ACCESSORIES

OS&Y gate valve supervisory switch (OSY-40)

SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>F48OSYF: FIRE OS&amp;Y UNTAPPED GATE VALVES, FLANGED X FLANGED, NO TAPPED BOSSES</b>		
2-1/2"	212-F48OSYF	430.00
3"	3-F48OSYF	486.00
4"	4-F48OSYF	670.00
6"	6-F48OSYF	994.00
8"	8-F48OSYF	1,578.00
10"	10-F48OSYF	2,543.00

## 49 SERIES – BUTTERFLY VALVE



### APPLICATIONS

Designed for installation on potable water lines, irrigation systems, waterworks connections, and fire systems.

### FEATURES

- 2-1/2" - 10"
- 175 psi max
- Grooved or flanged end connections
- Weatherproof actuator for indoor or outdoor installations
- Integral supervisory switch with visual indicator

### APPROVALS AND APPLICABLE STANDARDS

- UL® listed, FM® Approved, C-UL® listed
- Certified to NSF/ANSI 372

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>49G: BUTTERFLY VALVE, GROOVED X GROOVED</b>		
2-1/2"	212-49G	1,287.00
3"	3-49G	1,452.00
4"	4-49G	1,564.00
6"	6-49G	2,452.00
8"	8-49G	3,882.00
10"	10-49G	5,540.00
<b>49FXG: BUTTERFLY VALVE, FLANGED X GROOVED</b>		
2-1/2"	212-49FXG	1,372.00
3"	3-49FXG	1,591.00
4"	4-49FXG	1,745.00
6"	6-49FXG	2,683.00
8"	8-49FXG	4,123.00
10"	10-49FXG	5,798.00
<b>49GXF: BUTTERFLY VALVE, GROOVED X FLANGED</b>		
2-1/2"	212-49GXF	1,372.00
3"	3-49GXF	1,591.00
4"	4-49GXF	1,745.00
6"	6-49GXF	2,683.00
8"	8-49GXF	4,123.00
10"	10-49GXF	5,798.00

## FLUSH FITTING TOOLS – 350/375 BACKFLOW PREVENTERS



### APPLICATIONS

Line flushing is simple, safe and easily directed to a safe drain. Flushing can be accomplished by one person, saving up to 15 minutes per installation and preventing debris from fouling the backflow preventer, eliminating call-backs and unnecessary maintenance or replacement of the backflow preventer.

### FEATURES

- Unique Blow-Out Flush Fitting (BOF)
- Two O-rings
- 18" leader garden hose (3/4" female hose swivel connection by 3/4" male hose thread connection)

SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>350 SERIES FLUSH TOOL FOR EASY LINE FLUSHING AT STARTUP</b>		
3/4"	RK34-350FLUSH	51.00
1"	RK1-350FLUSH	57.00
1-1/4" - 2"	RK114-350-375FLUSH	76.00
<b>375 SERIES FLUSH TOOL FOR EASY LINE FLUSHING AT STARTUP</b>		
1/2" - 3/4"	RK34-375FLUSH	50.00
1"	RK1-375FLUSH	54.00
1-1/4" - 2"	RK114-350-375FLUSH	76.00

## TG-3 AND TG-5 – BACKFLOW ASSEMBLY TEST KITS



### APPLICATIONS

Designed for testing all brands of pressure type vacuum breakers, spill resistant pressure vacuum breakers, double check valve, and reduce pressure type backflow prevention assemblies.

### FEATURES

- 200 psi max
- Temperature range 35° to 150°F
- Gauge dial 4-1/2" diameter, 0 – 15 psi scale
- 200 psi line pressure gauge dial
- Accuracy: ±0.2 psid (descending)
- Soft-seated needle valve with replaceable seats (Model TG-3, 3 total) (Model TG-5, 5 total)
- Hoses and fittings (Three) 5' lengths; color-coded and (one 4' long clear bleed tube Model TG-5)
- SAE 45° flare fittings and 90-micron cleanable porous metal filters
- Five-year warranty against defects in materials and manufacturing

PART NUMBER	LIST PRICE EA.
<b>TG-3 AND TG-5 – BACKFLOW ASSEMBLY TEST KITS</b>	
TG-3	<b>3,824.00</b>
TG-5	<b>3,824.00</b>

## QT-SET (BRASS) AND QTP (PLASTIC) – QUICK TEST FITTINGS



### APPLICATIONS

Adapter kit designed to connect backflow prevention assemblies to a differential pressure test gauge.

### FEATURES

- Set includes 3 each in sizes: 1/4", 1/2", 3/4"
- Tear resistant o-rings
- SAE 45 flare fittings – SAE J513
- Knurled for easy gripping
- Includes 3 spare o-rings per size

PART NUMBER	LIST PRICE EA.
<b>QT-SET QUICK TEST FITTINGS</b>	
Set includes 3 each sizes: 1/4", 1/2" and 3/4". SAE flare fittings for fast connect/disconnect.	
QT-SET	<b>432.00</b>
<i>* Also available in a 1/4" thermoplastic model (RK-QTP).</i>	
<b>QTP QUICK TEST PLASTIC FITTINGS</b>	
RK14-QTP	<b>37.00</b>



### APPLICATIONS

High visibility, inexpensive adapters designed to connect backflow prevention assemblies to a differential pressure test gauge.

### FEATURES

- 1/4"
- Bright orange for visibility
- SAE 45° Flare Fittings - SAE J513
- Sold in convenient 3-pack

BACKFLOW PREVENTERS  
 BACKFLOW PREVENTERS ACCESSORIES  
 STRAINERS  
 AUTOMATIC CONTROL VALVES  
 PRESSURE REDUCING VALVES  
 FIRE PROTECTION VALVES  
 THERMOSTATIC MIXING VALVES  
 RELIEF VALVES  
 MISCELLANEOUS PLUMBING PRODUCTS  
 REPAIR KITS

## 400 SERIES SETTER



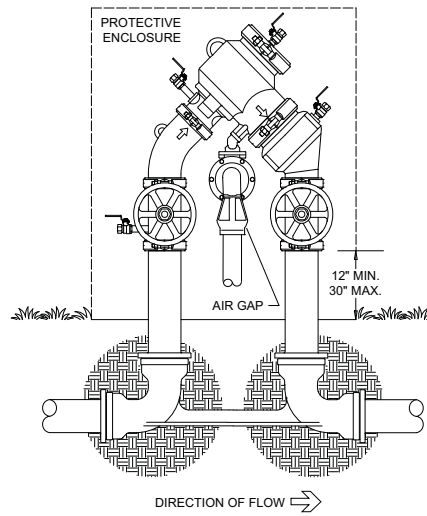
### APPLICATIONS

Aids in installation of the ductile iron n-Pattern Model 450 and 475 series backflow prevention assemblies.

### FEATURES

- 2-1/2" - 10"
- Ductile iron epoxy coated inside and out

### TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>FLS: FLANGED X FLANGED</b>		
2-1/2"	212-FLS	955.00
3"	3-FLS	955.00
4"	4-FLS	1,186.00
6"	6-FLS	1,687.00
8"	8-FLS	1,945.00
10"	10-FLS	3,101.00
<b>MJFS: FLANGED X MECHANICAL JOINT</b>		
3"	3-MJFS	924.00
4"	4-MJFS	1,152.00
6"	6-MJFS	1,655.00
8"	8-MJFS	2,000.00
10"	10-MJFS	3,149.00
<b>MJS: MECHANICAL JOINT X MECHANICAL JOINT</b>		
3"	3-MJS	924.00
4"	4-MJS	1,068.00
6"	6-MJS	1,655.00
8"	8-MJS	2,000.00
10"	10-MJS	3,149.00

## 400ST SERIES SETTER

**NEW**



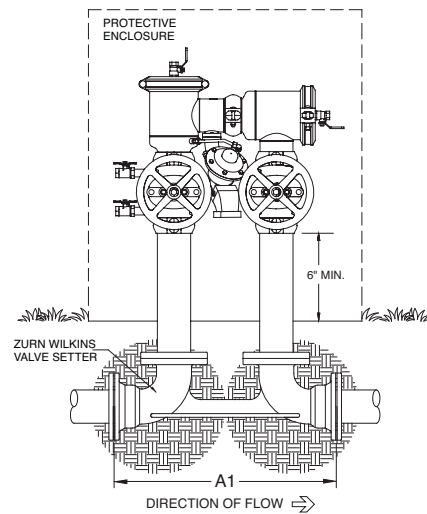
### APPLICATIONS

Aids in installation of the stainless steel n-Pattern Model 450ST and 475ST series backflow prevention assemblies.

### FEATURES

- 4" - 10"
- Ductile iron epoxy coated inside and out

### TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>FLSST: FLANGED X FLANGED</b>		
4"	4-FLSST	1,100.00
6"	6-FLSST	1,687.00
8"	8-FLSST	1,945.00
10"	10-FLSST	2,876.00
<b>MJFSST: FLANGED X MECHANICAL JOINT</b>		
4"	4-MJFSST	1,068.00
6"	6-MJFSST	1,655.00
8"	8-MJFSST	2,156.00
10"	10-MJFSST	3,149.00
<b>MJSST: MECHANICAL JOINT X MECHANICAL JOINT</b>		
4"	4-MJSST	1,068.00
6"	6-MJSST	1,655.00
8"	8-MJSST	2,000.00
10"	10-MJSST	2,920.00

## RFK4X3-400ST – 4" X 3" SETTER ADAPTERS FOR 400ST SERIES



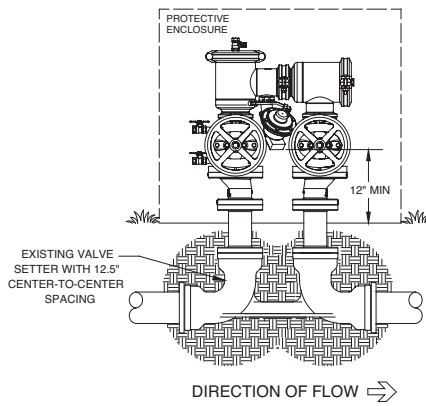
### APPLICATIONS

The RFK4X3-400ST Zurn Wilkins setter adapters are ideal for retrofitting existing competitor 3" n-Pattern backflow installations with a Zurn Wilkins 4" 400ST series stainless steel n-Pattern backflow preventer.

### FEATURES

- Retrofit kit includes two offset adapters with 4" x 3" flanged connections
- Designed to adapt Zurn Wilkins 4" 400ST series stainless steel n-pattern backflow preventers to existing 3" risers with 12.5" center-to-center spacing
- Adapters used in conjunction with Zurn Wilkins 4" 400ST series for a direct drop-in-replacement for retrofitting existing competitor 3" n-Pattern backflow installations
- Lead-free ductile iron body with FDA Approved fusion epoxy coating

### TYPICAL INSTALLATION



SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
4" X 3"	RFK4X3-400ST	209.00

## AG SERIES – AIR GAP



AG-4 thru AG-8 AG-9 & AG-10 AG-11 & AG-12 AG-13 & AG-14

### APPLICATIONS

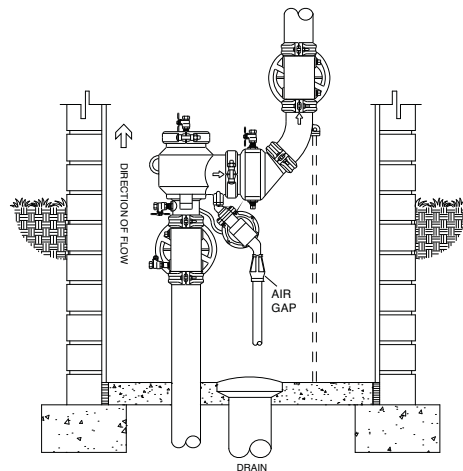
Code mandated device that is necessary when installing a drain line to the relief valve on a Reduced Pressure Principle Assembly. Used primarily in indoor installations.

### FEATURES

- See table for applicable outlet pipe sizes
- For use with 1/4" thru 10" Model 975 series, 375 series, 475 and 475ST series Reduced Pressure Principle backflow preventers

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	PART NUMBER	LIST PRICE EA.
<b>AG, AIR GAP DRAIN</b>			
1/4" - 1/2"	975XL, Iron, 1" NPT Outlet	AG-8	119.00
3/4" - 1"	975XL, Iron, 1" NPT Outlet	AG-4	125.00
1-1/4" - 2"	975XL, Iron, 2" NPT Outlet	AG-5	166.00
3/4" - 1"	375, Composite, 2" IPS Slip Outlet	AG-11	100.00
1-1/4" - 2"	375, Composite, 3" IPS Slip Outlet	AG-12	131.00
2-1/2" - 6"	375, 375A & 475, Iron, 3" NPT Outlet	AG-6	211.00
8" - 10"	375, 375A & 475, Iron, 4" NPT Outlet	AG-7	345.00
2-1/2" - 3"	475V, Iron, 3" NPT Outlet	AG-6	211.00
4" - 6"	475V, Iron, with Elbow, 3" NPT Outlet	AG-9	273.00
8" - 10"	475V, Iron, with Elbow, 4" NPT Outlet	AG-10	409.00
4" - 6"	475ST, 475STV, with Elbow, 3" NPT Outlet	AG-13	273.00
8" - 10"	475ST, 475STV, with Elbow, 4" NPT Outlet	AG-14	409.00

### TYPICAL INSTALLATION



INDOOR INSTALLATION

For additional product information, please visit [www.zurn.com](http://www.zurn.com).



# NOTES

BACKFLOW  
PREVENTERS

BACKFLOW PREVENTERS  
ACCESSORIES

STRAINERS

AUTOMATIC  
CONTROL VALVES

PRESSURE  
REDUCING VALVES

FIRE  
PROTECTION VALVES

THERMOSTATIC  
MIXING VALVES

RELIEF VALVES

MISCELLANEOUS  
PLUMBING PRODUCTS

REPAIR KITS

# STRAINERS

Strainers play an integral role in many types of plumbing systems by filtering out debris that could damage sensitive valves and equipment. Zurn Wilkins offers a variety of strainers to meet your plumbing product needs.

<b>YBXL SERIES</b> – WYE STRAINER	<b>66</b>
<b>SXL SERIES</b> – WYE STRAINER	<b>67</b>
<b>FSC SERIES</b> – WYE STRAINER	<b>67</b>

# YBXL SERIES – WYE STRAINER



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>YBXL: FNPT X FNPT, 20 MESH SCREEN</b>		
1/2"	12-YBXL	103.00
3/4"	34-YBXL	119.00
1"	1-YBXL	145.00
1-1/4"	114-YBXL	211.00
1-1/2"	112-YBXL	293.00
2"	2-YBXL	436.00
2-1/2"	212-YBXL	794.00
3"	3-YBXL	1,279.00
<b>YBXL: FEMALE CU SWT X FEMALE CU SWT</b>		
1/2"	12-YBXL	99.00
3/4"	34-YBXL	117.00
1"	1-YBXL	140.00
1-1/4"	114-YBXL	196.00
1-1/2"	112-YBXL	266.00
2"	2-YBXL	403.00

OPTIONS AND LIST PRICE ADDERS (ADD OPTION TO LIST PRICE TO DETERMINE TOTAL LIST PRICE)	
SIZE	LEAD-FREE LIST PRICE EA.
<b>100 MESH SCREEN</b>	
1/2"	10.00
3/4"	11.00
1"	14.00
1-1/4"	19.00
1-1/2"	27.00
2"	39.00
2-1/2"	70.00
3"	113.00
<i>Part number will be designated using "-100" (e.g. 2-YBXL-100).</i>	
<b>CLOSURE PLUG (P) OPTION: FNPT X FNPT (E.G. 2-YBXL P)</b>	
1/2"	13.00
3/4"	15.00
1"	15.00
1-1/4"	32.00
1-1/2"	46.00
2"	66.00
<i>Part number will be designated with the "P" option (e.g. 2-YBXL P).</i>	

## APPLICATIONS

The YBXL series wye strainers are a perfect choice for preventing damage to downstream components due to sand and debris in the water.

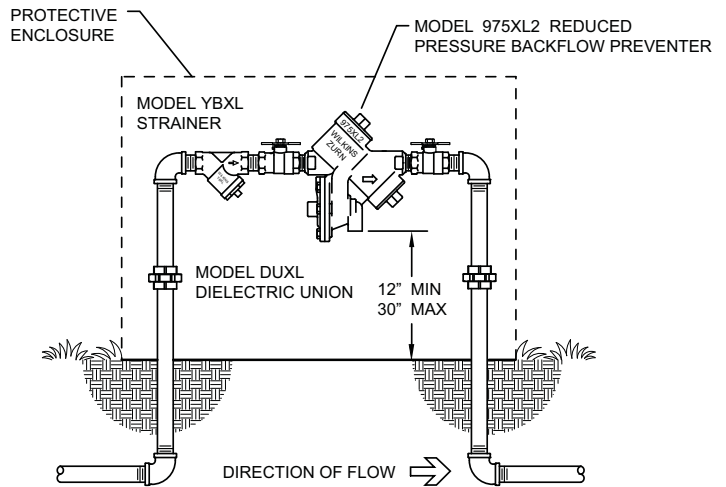
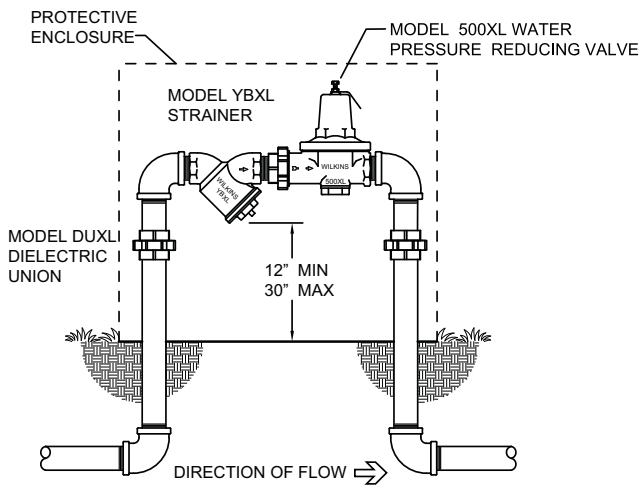
## FEATURES

- 1/2" - 3"
- Furnished with 20 mesh stainless steel strainer
- 100 mesh screens available
- Bronze body construction
- FNPT connections less closure plug (standard)
- Domestic manufacture
- Certified to NSF/ANSI 372

## APPROVALS AND APPLICABLE SPECIFICATIONS

Certified to NSF/ANSI 372

## TYPICAL INSTALLATION



## SXL SERIES - WYE STRAINER



### APPLICATIONS

Recommended for a variety of water service lines including residential and commercial irrigation, swimming pools, and cooling tower water.

### FEATURES

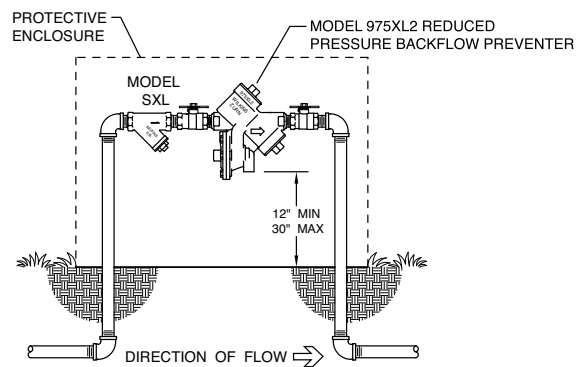
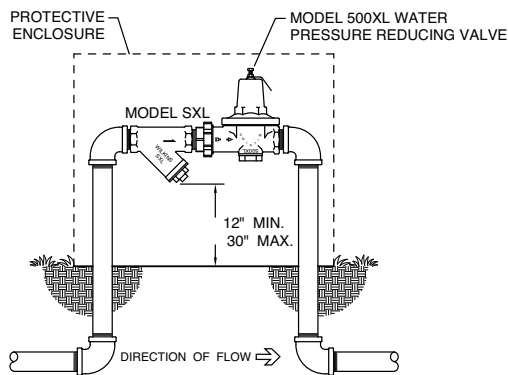
- 3/8" - 3"
- Furnished with 20 mesh stainless steel strainer
- Bronze body construction
- Supplied with brass closure plug
- Certified to NSF/ANSI 61

### APPROVALS AND APPLICABLE SPECIFICATIONS

Certified to NSF/ANSI 61

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>SXL: FNPT X FNPT</b>		
3/8"	38-SXL	47.00
1/2"	12-SXL	57.00
3/4"	34-SXL	84.00
1"	1-SXL	92.00
1-1/4"	114-SXL	132.00
1-1/2"	112-SXL	185.00
2"	2-SXL	267.00
2-1/2"	212-SXL	458.00
3"	3-SXL	757.00
<b>SXLC: FEMALE CU SWT X FEMALE CU SWT</b>		
3/4"	34-SXLC	84.00
1"	1-SXLC	92.00

### TYPICAL INSTALLATION



## FSC SERIES - WYE STRAINER



### APPLICATIONS

The FSC series flanged wye strainers are perfectly suited for protecting downstream equipment from fouling due to debris.

### FEATURES

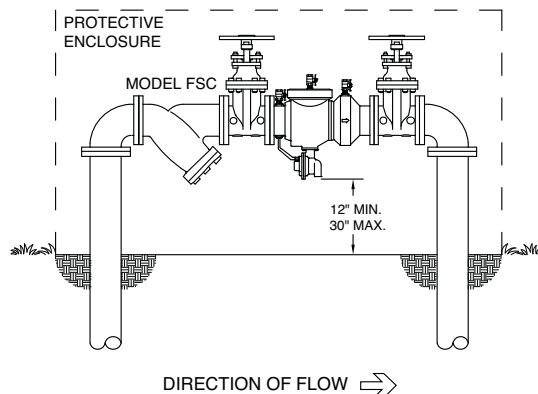
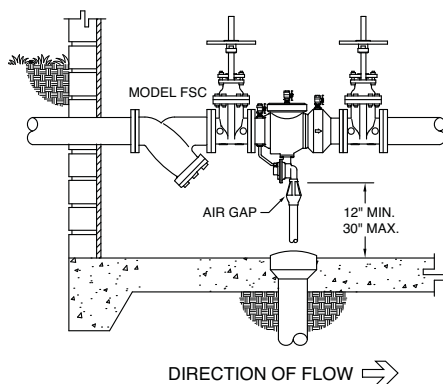
- 2-1/2" - 10"
- Epoxy coated cast iron
- Perforated self-aligning cylindrical metal screen
- Tapped for plug or blow off valve (Closure plug included)
- Domestic pricing available, please contact Zurn Customer Care

### APPROVALS AND APPLICABLE SPECIFICATIONS

Certified to NSF/ANSI 372

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>FSC STRAINER (FSC) OPTION: FDA EPOXY COATED INTERIOR/EXTERIOR</b>		
2-1/2"	212-FSC	488.00
3"	3-FSC	603.00
4"	4-FSC	994.00
6"	6-FSC	1,623.00
8"	8-FSC	3,294.00
10"	10-FSC	5,700.00
12"	12IN-FSC	10,387.00

### TYPICAL INSTALLATION



For additional product information, please visit [www.zurn.com](http://www.zurn.com).

# NOTES

BACKFLOW  
PREVENTERS

BACKFLOW PREVENTERS  
ACCESSORIES

STRAINERS

AUTOMATIC  
CONTROL VALVES

PRESSURE  
REDUCING VALVES

FIRE  
PROTECTION VALVES

THERMOSTATIC  
MIXING VALVES

RELIEF VALVES

MISCELLANEOUS  
PLUMBING PRODUCTS

REPAIR KITS

# AUTOMATIC CONTROL VALVES

Zurn Wilkins automatic control valves provide innovative solutions to specific water system requirements. Zurn Wilkins offers the best valve features available, delivering lowest cost of ownership and life-cycle cost, the best industry lead time, and a comprehensive set of approvals.

With standard features such as isolation valves, gauges, wye strainer, and epoxy coating, the Zurn Wilkins 200 Series allows for easier and faster commissioning and maintenance.

<b>ACV PART NUMBER CONFIGURATION TOOL</b>	<b>70</b>
<b>ZW209 SERIES</b> – PRESSURE REDUCING VALVE	<b>71</b>
<b>ZW207 SERIES</b> – EXCESS PRESSURE SHUT-OFF VALVE	<b>72</b>
<b>ZW206 SERIES</b> – SOLENOID CONTROL VALVE	<b>73</b>
<b>ZW205 SERIES</b> – PRESSURE RELIEF, PRESSURE SUSTAINING VALVE	<b>74</b>
<b>ZW204 SERIES</b> – NON-MODULATING FLOAT VALVE	<b>75</b>
<b>ZW218 SERIES</b> – SLOW CLOSE CHECK VALVE	<b>76</b>
<b>ZW221/ZW222 SERIES</b> – ALTITUDE LEVEL CONTROL VALVES	<b>77</b>
<b>ZW209FP SERIES</b> – FIRE PROTECTION PRESSURE REDUCING VALVE	<b>78</b>
<b>ZW205FP SERIES</b> – FIRE PROTECTION PRESSURE RELIEF VALVE	<b>79</b>
<b>ZW215FP SERIES</b> – FIRE PUMP SUCTION CONTROL VALVE	<b>80</b>
<b>AUTOMATIC CONTROL VALVE OPTIONS AND ACCESSORIES</b>	<b>81</b>

# ACV PART NUMBER CONFIGURATION TOOL

## EXAMPLE

212 -

ZW209

A

Y

LP

Code	Description
<b>Plumbing Pipe Size</b>	
114	1-1/4"
112	1-1/2"
2	2"
212	2-1/2"
3	3"
4	4"
6	6"
8	8"
10	10"
12	12"
14	14"
16	16"
<b>Base Part Number</b>	
ZW204	Non-Modulating Float Valve
ZW205	Pressure Relief / Sustaining
ZW205FP	Pressure Relief / Sustaining, Fire Protection
ZW206	Solenoid
ZW207	Shut-Off Valve
ZW209	Pressure Reducing
ZW209BP	Pressure Reducing w / Integral Bypass
ZW209E	Pressure Reducing w / Solenoid
ZW209FP	Pressure Reducing, Fire Protection
ZW209H	Pressure Reducing / Sustaining
ZW209Q	Pressure Reducing / Surge Protection
ZW215FP	Pump Control, Fire Protection
ZW218	Check Valve
ZW221	Altitude Level Control - One Way
ZW222	Altitude Level Control - Two Way
<b>Body Type</b>	
(blank)	Globe In Line Body
A	Angle Body
R	Reduced Port Body

Code	Description
<b>End Connections</b>	
(blank)	Class 150 flanged (Fire Class 300)
G	Grooved
TH	Threaded
Y	Class 300 flanged
X	Class 150 flanged (Fire Only)
<b>Available Options (Varies by Model)</b>	
C	Hydraulic Check
L	Closing Speed Control
O	Opening Speed Control
V	Viton Rubber
Z	Position Indicator
LP	Low Pressure (by model)
LP2	2nd Lowest Pressure (by model)
LP3	Lowest pressure (varies by model)
HP	High Pressure Range
SP	Stainless Steel Pilotry
SH	Stainless Braided Hose
VM	Valve Mounted Float Pilot
R2	24" Rod Extension
R1	12" Rod Extension
R3	36" Rod Extension
NC	120v60hz Normally Closed
NO	120v60hz Normally Open
24NC	24v60hz Normally Closed
24NO	24v60hz Normally Open
NS	Non-standard Solenoid
MO	Manual Operator
W	Remote Pressure/Sensing
F	Atmospheric Drain
RV	Pilot on Reverse side
GL	Liquid Filled Gauges

## ZW209 SERIES – PRESSURE REDUCING VALVE



### APPLICATIONS

Steady downstream pressure and high flow rates are provided with the ZW209 Pressure Reducing Automatic Control Valve.

### FEATURES

- 1-1/4" - 16"
- Globe, reduced port globe, and angle bodies available
- Standard downstream pressure range 15 to 150 psi, contact factory for other range options
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged or grooved, 400 psi max; Threaded, 400 psi max
- 140°F max
- Pressure gauges, wye strainer, isolation valves, and epoxy coating come standard
- Opening Speed Control standard (sizes 1-1/4" - 4")

### APPROVALS AND APPLICABLE STANDARDS

- Certified to NSF/ANSI 61 and 372

### IMPORTANT

Completed order form required.

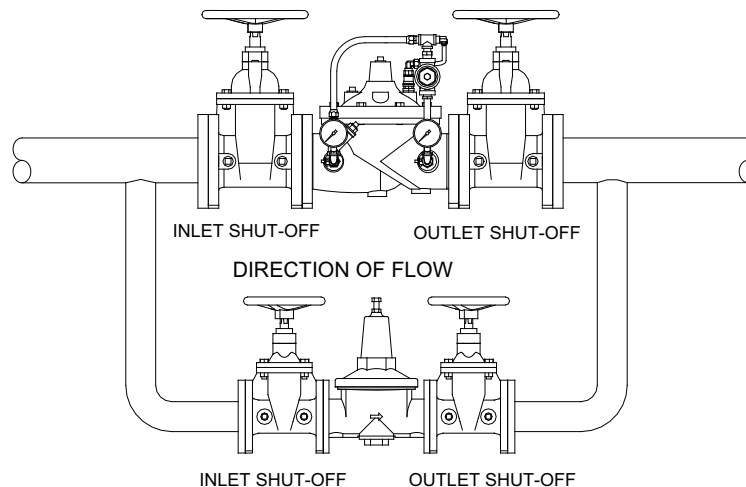
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW209: PRESSURE REDUCING VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW209TH	3,237.00
1-1/2"	112-ZW209	3,237.00
2"	2-ZW209	3,810.00
2-1/2"	212-ZW209	3,989.00
3"	3-ZW209	4,081.00
4"	4-ZW209	5,201.00
6"	6-ZW209	8,123.00
8"	8-ZW209	13,588.00
10"	10-ZW209	19,258.00
12"	12-ZW209	25,132.00
14"	14-ZW209	40,014.00
16"	16-ZW209	46,610.00
<b>ZW209Y: PRESSURE REDUCING VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW209Y	3,483.00
2"	2-ZW209Y	4,063.00
2-1/2"	212-ZW209Y	4,269.00
3"	3-ZW209Y	4,722.00
4"	4-ZW209Y	6,203.00
6"	6-ZW209Y	9,900.00
8"	8-ZW209Y	15,724.00
10"	10-ZW209Y	21,395.00
12"	12-ZW209Y	26,185.00
14"	14-ZW209Y	43,193.00
16"	16-ZW209Y	48,894.00
<b>ZW209BP: PRESSURE REDUCING VALVE WITH LOW FLOW BY-PASS, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW209BPTH	3,884.00
1-1/2"	112-ZW209BP	3,884.00
2"	2-ZW209BP	4,564.00
2-1/2"	212-ZW209BP	5,301.00
3"	3-ZW209BP	5,367.00
4"	4-ZW209BP	6,545.00
<b>ZW209BPY: PRESSURE REDUCING VALVE WITH LOW FLOW BY-PASS, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW209BPY	4,129.00
2"	2-ZW209BPY	4,820.00
2-1/2"	212-ZW209BPY	5,581.00
3"	3-ZW209BPY	6,007.00
4"	4-ZW209BPY	7,546.00
<b>ZW209 / ZW209BP: OPTION</b>		
<b>OPENING SPEED CONTROL (O) OPTION, (STANDARD ON ZW209 AND ZW209BP 4" AND SMALLER)</b>		
6" - 10"	O Option	201.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW209E: PRESSURE REDUCING VALVE WITH SOLENOID SHUT-OFF, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW209ETH	4,052.00
1-1/2"	112-ZW209E	4,052.00
2"	2-ZW209E	4,624.00
2-1/2"	212-ZW209E	4,803.00
3"	3-ZW209E	4,895.00
4"	4-ZW209E	5,835.00
6"	6-ZW209E	8,937.00
8"	8-ZW209E	14,401.00
10"	10-ZW209E	20,072.00
12"	12-ZW209E	25,946.00
14"	14-ZW209E	40,828.00
16"	16-ZW209E	47,424.00
<b>ZW209EY: PRESSURE REDUCING VALVE WITH SOLENOID SHUT-OFF, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW209EY	4,298.00
2"	2-ZW209EY	4,878.00
2-1/2"	212-ZW209EY	5,084.00
3"	3-ZW209EY	5,536.00
4"	4-ZW209EY	7,017.00
6"	6-ZW209EY	10,714.00
8"	8-ZW209EY	16,538.00
10"	10-ZW209EY	22,209.00
12"	12-ZW209EY	26,999.00
14"	14-ZW209EY	44,008.00
16"	16-ZW209EY	49,708.00
<b>OPTIONS FOR ALL ZW209S</b>		
SIZE	DESCRIPTION	LEAD-FREE ADDER
<b>ZW209H: PRESSURE REDUCING / PRESSURE SUSTAINING FUNCTION, CLASS 150, FLANGED X FLANGED</b>		
1-1/4" - 16"	H Option to ZW209	699.00
<b>ZW209Q: PRESSURE REDUCING / SURGE CONTROL VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4" - 16"	Q Option to ZW209	1,321.00
<b>LOW PRESSURE RANGE PILOT (5-25 PSI) (LP) OPTION</b>		
1-1/4" - 16"	LP Option	303.00
<b>HIGH PRESSURE RANGE PILOT (30-300 PSI) (HP) OPTION</b>		
1-1/4" - 16"	HP Option	669.00
<b>FOR ZW209H ONLY - LOW PRESSURE RANGE PILOT AND HIGH PRESSURE RANGE PILOT (LPHP) OPTION</b>		
1-1/4" - 16"	LPHP Option	669.00

For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

For reduced port body pricing, see Options and Accessories on page 81.

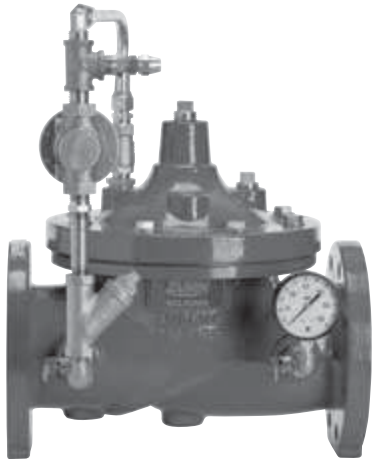
### TYPICAL INSTALLATION



For additional product information, please visit [www.zurn.com](http://www.zurn.com).



# ZW207 SERIES – EXCESS PRESSURE SHUT-OFF VALVE



## FEATURES

- 1-1/4" - 16"
- Globe, reduced port globe, and angle bodies available
- Pilot Spring Range 50-200 psi
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged or grooved, 400 psi max; Threaded, 400 psi max
- 140°F max
- Commonly used in conjunction with a ZW209 for system redundancy
- Pressure gauge, wye strainer, isolation valves, and epoxy coating come standard

## APPROVALS AND APPLICABLE STANDARDS

- ANSI/AWWA C530
- Certified to NSF/ANSI 61 and 372

## IMPORTANT

Completed order form required.

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW207: EXCESS PRESSURE SHUTDOWN VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW207TH	3,563.00
1-1/2"	112-ZW207	3,563.00
2"	2-ZW207	4,249.00
2-1/2"	212-ZW207	4,444.00
3"	3-ZW207	4,640.00
4"	4-ZW207	5,958.00
6"	6-ZW207	8,976.00
8"	8-ZW207	14,533.00
10"	10-ZW207	20,205.00
12"	12-ZW207	25,935.00
14"	14-ZW207	41,594.00
16"	16-ZW207	48,468.00
<b>ZW207Y: EXCESS PRESSURE SHUTDOWN VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW207Y	3,810.00
2"	2-ZW207Y	4,504.00
2-1/2"	212-ZW207Y	4,723.00
3"	3-ZW207Y	5,282.00
4"	4-ZW207Y	6,960.00
6"	6-ZW207Y	10,751.00
8"	8-ZW207Y	16,670.00
10"	10-ZW207Y	22,342.00

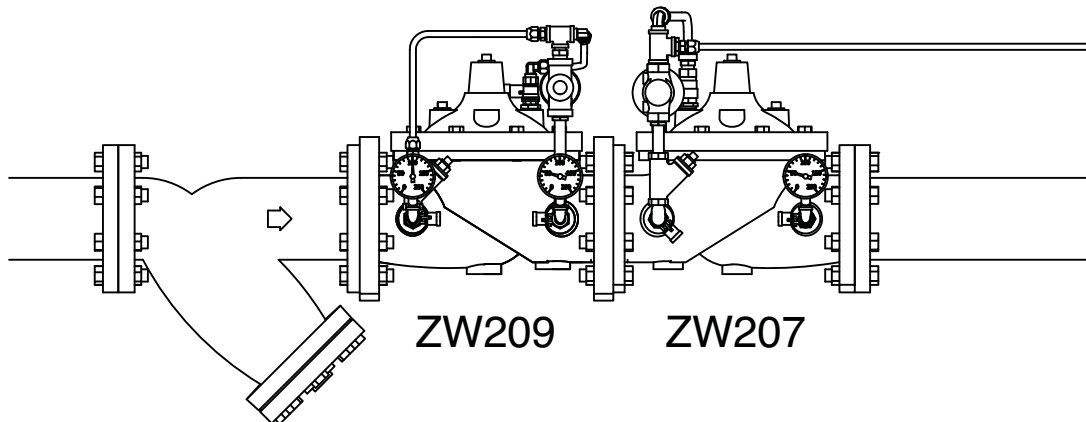
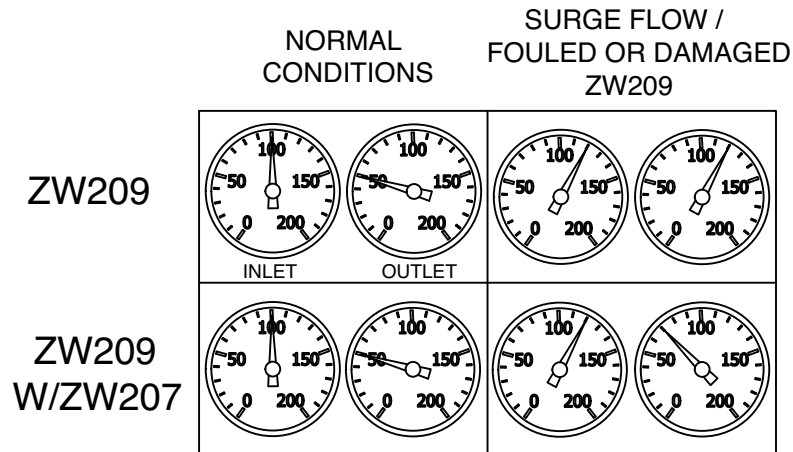
## APPLICATIONS

Protect downstream equipment from over-pressurization with the ZW207 Excess Pressure Shutdown valve. Closes in the event of high supply pressure.

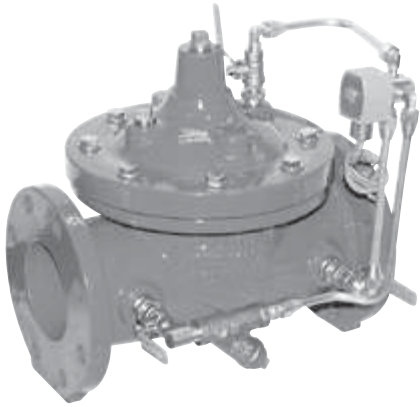
For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

For reduced port body pricing, see Options and Accessories on page 81.

## TYPICAL INSTALLATION



## ZW206 SERIES – SOLENOID CONTROL VALVE



### APPLICATIONS

When the need arises to open or close a valve electrically, look no further than the non-modulating ZW206 Solenoid Control Valve.

### FEATURES

- 1-1/4" - 16"
- Globe, reduced port globe, and angle bodies available
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged or grooved, 400 psi max; Threaded, 400 psi max
- 140°F max
- On/off type valve that either opens or closes upon receiving an electrical signal to the solenoid pilot control
- Valve is furnished either normally open (energized solenoid to close) or normally closed (energize solenoid to open)
- Wye strainer, isolation valves, and epoxy coating come standard
- NEMA Type 1, 2, 3, 3S, 4, 4X general purpose watertight solenoid

### APPROVALS AND APPLICABLE STANDARDS

- ANSI/AWWA C530
- Certified to NSF/ANSI 61 and 372

### IMPORTANT

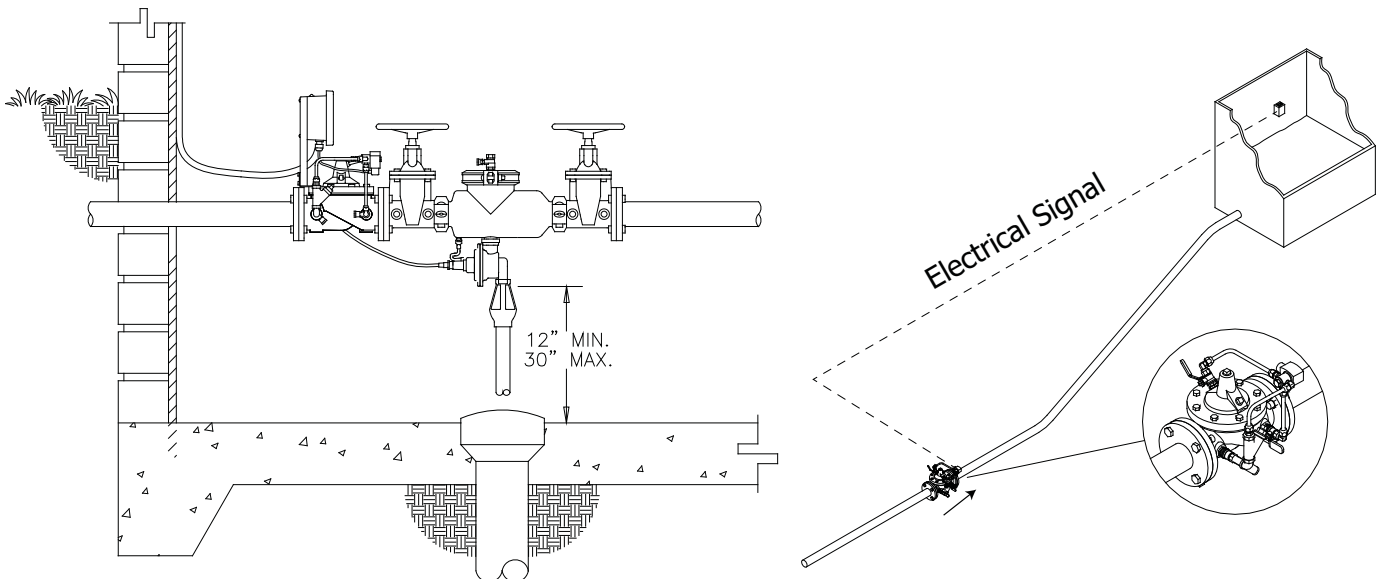
Completed order form required.

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW206: SOLENOID CONTROL VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW206TH	3,455.00
1-1/2"	112-ZW206	3,455.00
2"	2-ZW206	4,069.00
2-1/2"	212-ZW206	4,113.00
3"	3-ZW206	4,315.00
4"	4-ZW206	6,028.00
6"	6-ZW206	9,828.00
8"	8-ZW206	15,087.00
10"	10-ZW206	20,633.00
12"	12-ZW206	25,715.00
14"	14-ZW206	40,713.00
16"	16-ZW206	47,218.00
<b>ZW206: SOLENOID CONTROL VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW206Y	3,701.00
2"	2-ZW206Y	4,325.00
2-1/2"	212-ZW206Y	4,393.00
3"	3-ZW206Y	4,956.00
4"	4-ZW206Y	7,029.00
6"	6-ZW206Y	11,602.00
8"	8-ZW206Y	17,223.00
10"	10-ZW206Y	22,769.00
12"	12-ZW206Y	26,768.00
14"	14-ZW206Y	43,892.00
16"	16-ZW206Y	49,502.00
<b>ZW206: OPTION</b>		
<b>MANUAL OPERATOR ON SOLENOID VALVE (MO) OPTION</b>		
1-1/4" - 10"	MO Option	198.00

For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

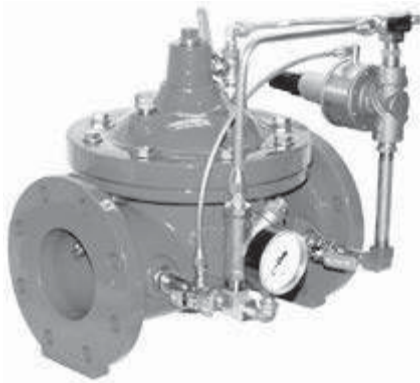
For reduced port body pricing, see Options and Accessories on page 81.

### TYPICAL INSTALLATION



# ZW205 SERIES – PRESSURE RELIEF, PRESSURE SUSTAINING VALVE

BACKFLOW PREVENTERS  
 BACKFLOW PREVENTERS ACCESSORIES  
 STRAINERS  
 AUTOMATIC CONTROL VALVES  
 PRESSURE REDUCING VALVES  
 FIRE PROTECTION VALVES  
 THERMOSTATIC MIXING VALVES  
 RELIEF VALVES  
 MISCELLANEOUS PLUMBING PRODUCTS  
 REPAIR KITS



## APPLICATIONS

High capacity pressure relief or upstream pressure control is the function of the modulating ZW205 pressure relief / pressure sustaining valve.

## FEATURES

- 1-1/4" - 16"
- Globe, reduced port globe, and angle bodies available
- Pilot spring range 50-200 psi
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged or grooved, 400 psi max; Threaded, 400 psi max
- 140°F max
- Pressure gauge, wye strainer, isolation valves, and epoxy coating come standard
- When used in a by-pass line, the Model ZW205 functions as a relief valve protecting against potentially damaging surges. Can also be used to sustain pressure when plumbed in line
- Closing speed control (Standard on 4" or smaller)

## APPROVALS AND APPLICABLE STANDARDS

- ANSI/AWWA C530
- Certified to NSF/ANSI 61 and 372

## IMPORTANT

Completed order form required.

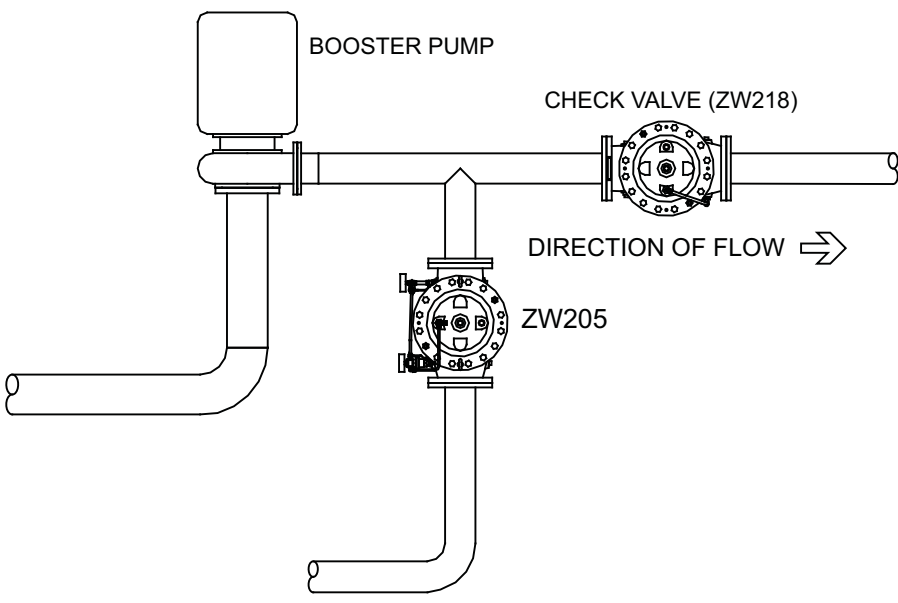
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW205: PRESSURE RELIEF, PRESSURE SUSTAINING VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW205TH	3,702.00
1-1/2"	112-ZW205	3,702.00
2"	2-ZW205	3,767.00
2-1/2"	212-ZW205	4,021.00
3"	3-ZW205	4,314.00
4"	4-ZW205	6,152.00
6"	6-ZW205	8,945.00
8"	8-ZW205	14,610.00
10"	10-ZW205	20,102.00
12"	12-ZW205	25,935.00
14"	14-ZW205	41,594.00
16"	16-ZW205	48,468.00
<b>ZW205Y: PRESSURE RELIEF, PRESSURE SUSTAINING VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW205Y	3,947.00
2"	2-ZW205Y	4,022.00
2-1/2"	212-ZW205Y	4,302.00
3"	3-ZW205Y	4,955.00
4"	4-ZW205Y	7,154.00
6"	6-ZW205Y	10,720.00
8"	8-ZW205Y	16,747.00
10"	10-ZW205Y	22,239.00
12"	12-ZW205Y	26,989.00
14"	14-ZW205Y	44,774.00
16"	16-ZW205Y	50,752.00

<b>ZW205: OPTIONS</b>		
<b>CLOSING SPEED CONTROL (L) OPTION (STANDARD ON MODEL ZW205 4" AND SMALLER)</b>		
6" - 10"	L Option	201.00
<b>HIGH PRESSURE RANGE PILOT (150-300 PSI) (HP) OPTION</b>		
1-1/4" - 10"	HP Option	148.00
<b>LOW PRESSURE RANGE PILOT (30-90 PSI) (LP) OPTION</b>		
1-1/4" - 10"	LP Option	No Charge
<b>LOW PRESSURE RANGE PILOT (10-35 PSI) (LP2) OPTION</b>		
1-1/4" - 10"	LP2 Option	No Charge
<b>LOW PRESSURE RANGE PILOT (5-15 PSI) (LP3) OPTION</b>		
1-1/4" - 10"	LP3 Option	No Charge

For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

For reduced port body pricing, see Options and Accessories on page 81.

## TYPICAL INSTALLATION



# ZW204 SERIES – NON-MODULATING FLOAT VALVE



## FEATURES

- 1-1/4" - 16"
- Globe, reduced port globe, and angle bodies available
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged or grooved, 400 psi max; Threaded, 400 psi max
- 140°F max
- 1', 2', or 3' float rod extensions available
- Remotely mounted pilot (standard)
- Wye strainer, isolation valves, and epoxy coating come standard
- Corrosion resistant stainless steel float, rod, and Monel pilot valve seat

## APPROVALS AND APPLICABLE STANDARDS

- ANSI/AWWA C530
- Certified to NSF/ANSI 61 and 372

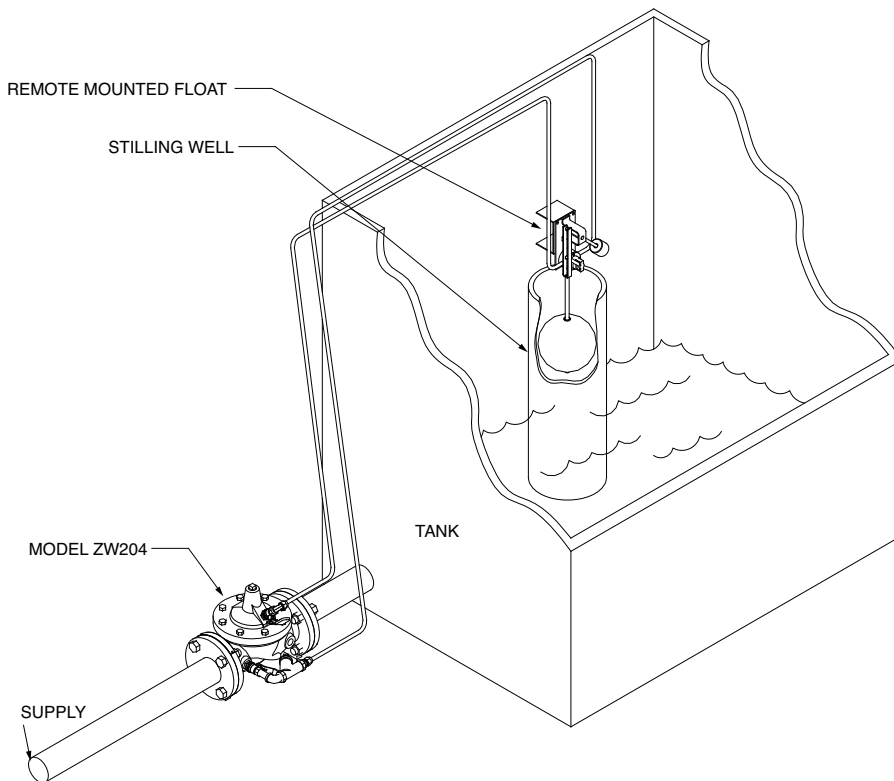
## IMPORTANT

Completed order form required.

## APPLICATIONS

Controlling the fluid level in a tank is easily accomplished with the Zurn Wilkins ZW204 non-modulating float valve that opens fully at a low set point and closes tightly at a high set point.

## TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW204: NON-MODULATING FLOAT VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW204TH	2,620.00
1-1/2"	112-ZW204	2,620.00
2"	2-ZW204	2,905.00
2-1/2"	212-ZW204	3,139.00
3"	3-ZW204	3,429.00
4"	4-ZW204	4,910.00
6"	6-ZW204	7,397.00
8"	8-ZW204	14,040.00
10"	10-ZW204	20,281.00
12"	12-ZW204	25,972.00
14"	14-ZW204	41,227.00
16"	16-ZW204	47,843.00

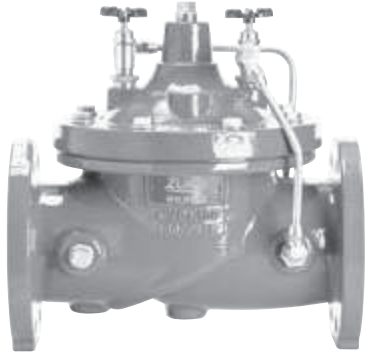
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW204Y: NON-MODULATING FLOAT VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW204Y	2,866.00
2"	2-ZW204Y	3,160.00
2-1/2"	212-ZW204Y	3,419.00
3"	3-ZW204Y	4,069.00
4"	4-ZW204Y	5,911.00
6"	6-ZW204Y	9,171.00
8"	8-ZW204Y	16,177.00
10"	10-ZW204Y	22,416.00
12"	12-ZW204Y	27,025.00
14"	14-ZW204Y	44,407.00
16"	16-ZW204Y	50,127.00

<b>ZW204: OPTIONS</b>		
<b>VALVE MOUNTED FLOAT (VM) OPTION</b>		
1-1/4" - 10"	VM Option	756.00
<b>ROD EXTENSION (E.G. 4-ZW204R1, OR IF PURCHASED AS STANDALONE PRODUCT, PV-FNM-R1)</b>		
1-1/4" - 10"	R1 Option, 1' Length	201.00
1-1/4" - 10"	R2 Option, 2' Length	225.00
1-1/4" - 10"	R3 Option, 3' Length	249.00

For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

For reduced port body pricing, see Options and Accessories on page 81.

## ZW218 SERIES – SLOW CLOSE CHECK VALVE



### FEATURES

- 1-1/4" - 16"
- Globe, reduced port globe, and angle bodies available
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged or grooved, 400 psi max; threaded, 400 psi max
- 140°F max
- Opening and closing speed controls standard for all sizes
- Epoxy coating standard

### APPROVALS AND APPLICABLE STANDARDS

- ANSI/AWWA C530
- Certified to NSF/ANSI 61 and 372

### IMPORTANT

Completed order form required.

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW218: CHECK VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW218TH	3,076.00
1-1/2"	112-ZW218	3,076.00
2"	2-ZW218	3,619.00
2-1/2"	212-ZW218	3,790.00
3"	3-ZW218	3,877.00
4"	4-ZW218	4,940.00
6"	6-ZW218	7,717.00
8"	8-ZW218	12,908.00
10"	10-ZW218	18,295.00
12"	12-ZW218	24,943.00
14"	14-ZW218	40,197.00
16"	16-ZW218	46,667.00
<b>ZW218Y: CHECK VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW218Y	3,322.00
2"	2-ZW218Y	3,874.00
2-1/2"	212-ZW218Y	4,070.00
3"	3-ZW218Y	4,518.00
4"	4-ZW218Y	5,942.00
6"	6-ZW218Y	9,493.00
8"	8-ZW218Y	15,044.00
10"	10-ZW218Y	20,431.00

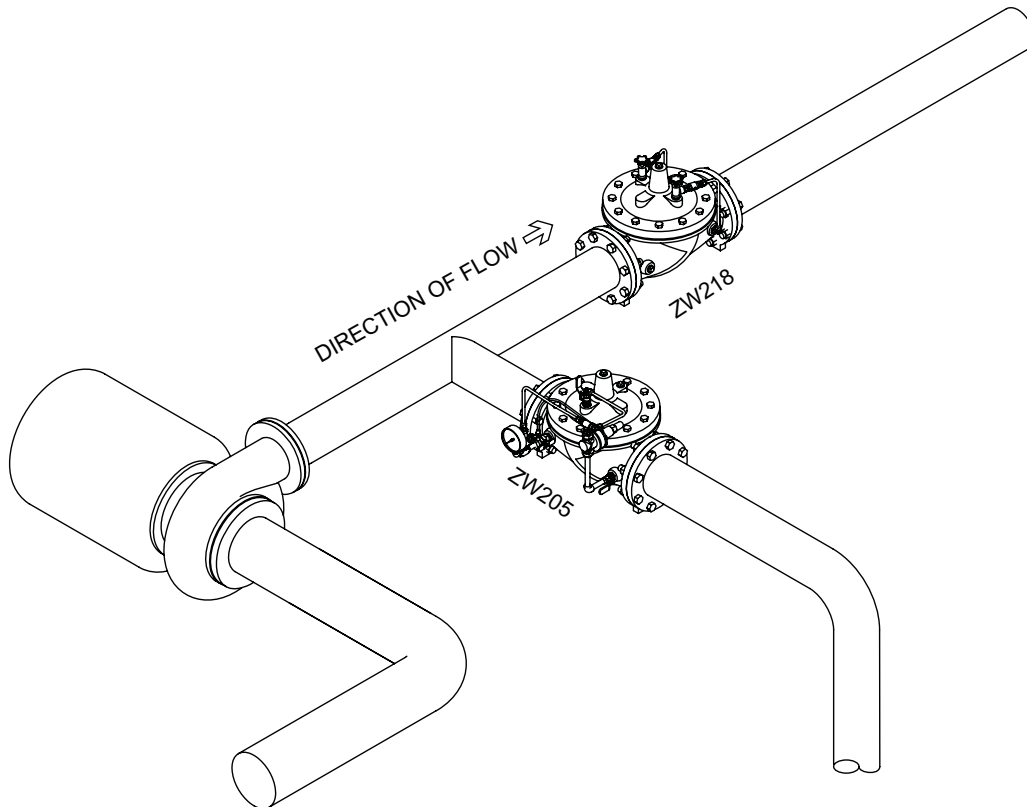
For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

For reduced port body pricing, see Options and Accessories on page 81.

### APPLICATIONS

In applications that require a slow closing check valve, the ZW218 stands ready to perform.

### TYPICAL INSTALLATION



# ZW221/ZW222 SERIES – ALTITUDE LEVEL CONTROL VALVES



## FEATURES

- 1-1/4" - 16"
- Globe, reduced port globe, and angle bodies available
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged or grooved, 400 psi max; threaded, 400 psi max
- 140°F max
- Stainless steel braided hoses on pilotry standard for corrosion resistance
- Epoxy coating standard
- Standard valves come with one set point – the valve opens to fill the tank and will close drip-tight once the high water level is reached
- Adjustment ranges available from 5' to 230'
- "D" Delayed Opening/Dual Set Point Option delays opening of valve until water reaches a lower set point

## APPLICATIONS

The ZW221 and ZW222 Altitude Level Control Valves accurately control water level based on relative pressure, without the need for floats and sensors. The ZW221 One Way Altitude Level Control Valve controls water level in a tank or reservoir. The ZW222 Two Way Altitude Level Control Valve controls water level in a tank or reservoir, while also allowing reverse flow, so that only one line is needed to the tank/reservoir. When upstream supply pressure drops below tank pressure, main valve opens, allowing water to flow back upstream.

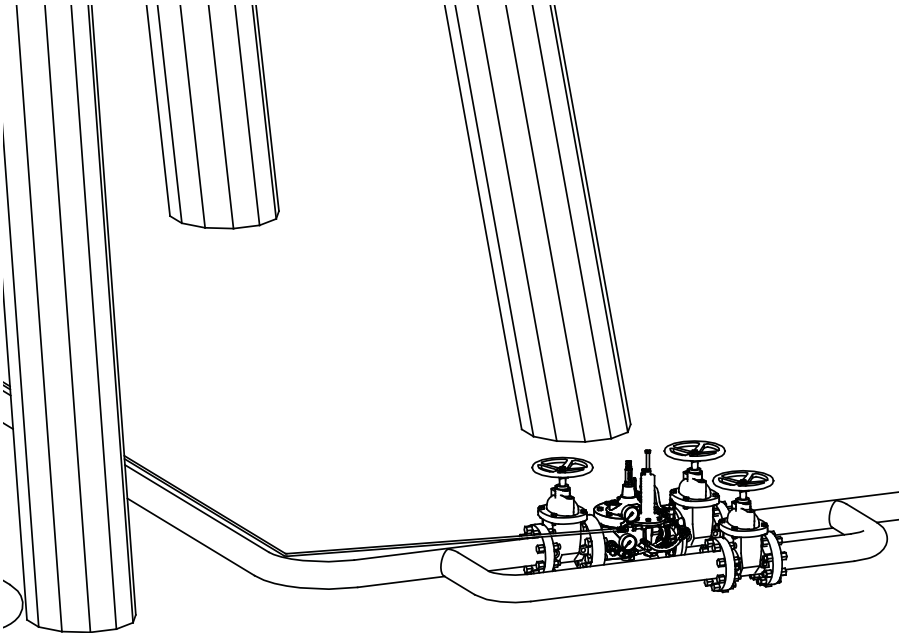
## APPROVALS AND APPLICABLE STANDARDS

- ANSI/AWWA C530
- Certified to NSF/ANSI 61 and 372

## IMPORTANT

Completed order form required.

## TYPICAL INSTALLATION



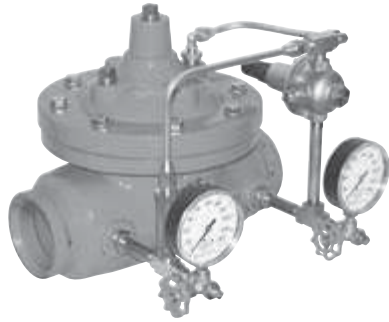
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW221: ONE WAY ALTITUDE VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW221TH	4,412.00
1-1/2"	112-ZW221	4,412.00
2"	2-ZW221	6,122.00
2-1/2"	212-ZW221	7,188.00
3"	3-ZW221	7,280.00
4"	4-ZW221	8,603.00
6"	6-ZW221	10,643.00
8"	8-ZW221	15,312.00
10"	10-ZW221	16,892.00
12"	12-ZW221	25,678.00
14"	14-ZW221	38,948.00
16"	16-ZW221	45,747.00
<b>ZW221Y: ONE WAY ALTITUDE VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW221Y	4,659.00
2"	2-ZW221Y	6,377.00
2-1/2"	212-ZW221Y	7,467.00
3"	3-ZW221Y	7,921.00
4"	4-ZW221Y	9,605.00
6"	6-ZW221Y	12,419.00
8"	8-ZW221Y	17,449.00
10"	10-ZW221Y	19,029.00
12"	12-ZW221Y	26,731.00
14"	14-ZW221Y	42,128.00
16"	16-ZW221Y	48,032.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW222: TWO WAY ALTITUDE VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW222TH	4,688.00
1-1/2"	112-ZW222	4,688.00
2"	2-ZW222	6,398.00
2-1/2"	212-ZW222	7,464.00
3"	3-ZW222	7,556.00
4"	4-ZW222	8,879.00
6"	6-ZW222	10,919.00
8"	8-ZW222	15,569.00
10"	10-ZW222	17,076.00
12"	12-ZW222	25,806.00
14"	14-ZW222	39,094.00
16"	16-ZW222	45,914.00
<b>ZW222Y: TWO WAY ALTITUDE VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW222Y	4,935.00
2"	2-ZW222Y	6,653.00
2-1/2"	212-ZW222Y	7,743.00
3"	3-ZW222Y	8,196.00
4"	4-ZW222Y	9,880.00
6"	6-ZW222Y	12,694.00
8"	8-ZW222Y	17,706.00
10"	10-ZW222Y	19,213.00
12"	12-ZW222Y	26,859.00
14"	14-ZW222Y	42,274.00
16"	16-ZW222Y	48,197.00

For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

For reduced port body pricing, see Options and Accessories on page 81.

# ZW209FP SERIES – FIRE PROTECTION PRESSURE REDUCING VALVE



## FEATURES

- 1-1/4" - 10"
- Globe and angle bodies available
- Pressure rating: 300 Class flanged, grooved, or threaded 300 psi max
- Outlet pressure is field adjustable from 30 psi to 165 psi
- 140°F max
- Pressure gauges, wye strainers, and epoxy coating come standard

## APPROVALS AND APPLICABLE STANDARDS

- UL and C-UL Listed

## IMPORTANT

Completed order form required.

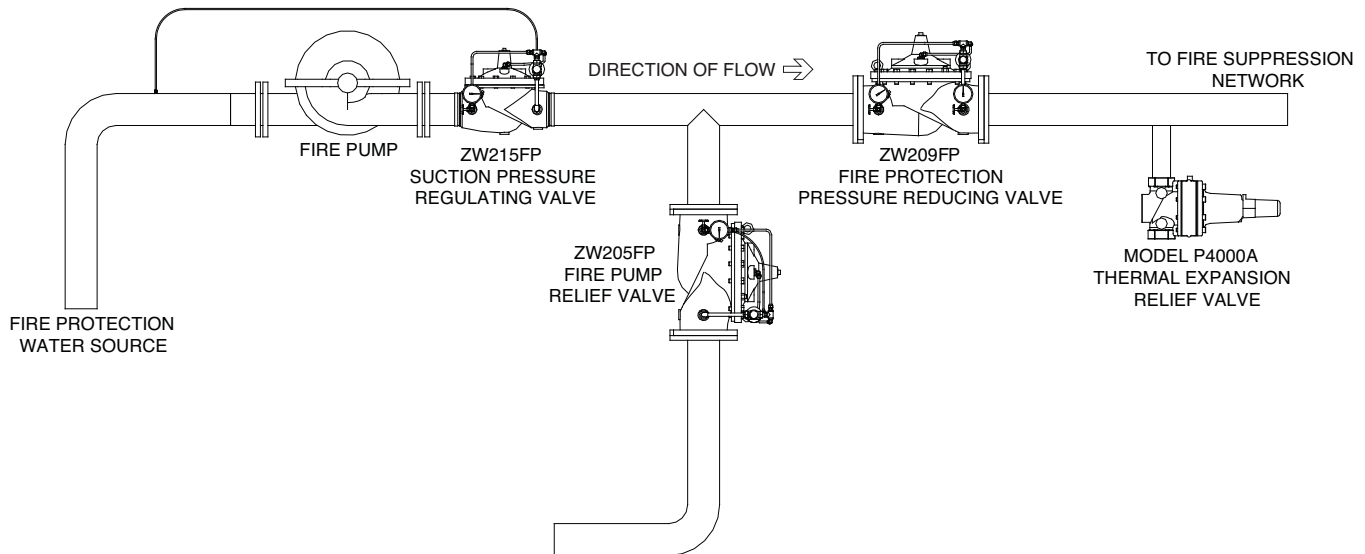
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW209FP: FIRE PROTECTION PRESSURE REDUCING VALVE, CLASS 300, FLANGED X FLANGED</b>		
1-1/2"	112-ZW209FPY	3,512.00
2"	2-ZW209FPY	3,932.00
2-1/2"	212-ZW209FPY	4,814.00
3"	3-ZW209FPY	5,041.00
4"	4-ZW209FPY	6,845.00
6"	6-ZW209FPY	9,115.00
8"	8-ZW209FPY	14,040.00
10"	10-ZW209FPY	22,034.00
<b>ZW209FPX: FIRE PROTECTION PRESSURE REDUCING VALVE, CLASS 150, FLANGED X FLANGED</b>		
1-1/4"	114-ZW209FPX	3,278.00
1-1/2"	112-ZW209FPX	3,278.00
2"	2-ZW209FPX	3,666.00
2-1/2"	212-ZW209FPX	4,140.00
3"	3-ZW209FPX	4,444.00
4"	4-ZW209FPX	5,883.00
6"	6-ZW209FPX	8,682.00
8"	8-ZW209FPX	13,593.00
10"	10-ZW209FPX	20,788.00

For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

## APPLICATIONS

When a Fire Protection System requires a reduction in pressure, the ZW209FP stands ready to perform.

## TYPICAL INSTALLATION



## ZW205FP SERIES – FIRE PROTECTION PRESSURE RELIEF VALVE



### APPLICATIONS

Fire Protection Systems are susceptible to damage when pressure rises above 175 psi. Let the ZW205FP limit the pressure in your Fire Protection System.

### FEATURES

- 2" - 10"
- Globe and angle bodies available
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged, grooved, or threaded 300 psi max
- Pilot spring ranges 50 to 200 psi (150 class); 150 to 300 psi (300 class)
- 140°F max
- Inlet pressure gauge, wye strainer, and epoxy coating come standard

### APPROVALS AND APPLICABLE STANDARDS

- UL Listed, ULC Listed, and FM® Approved

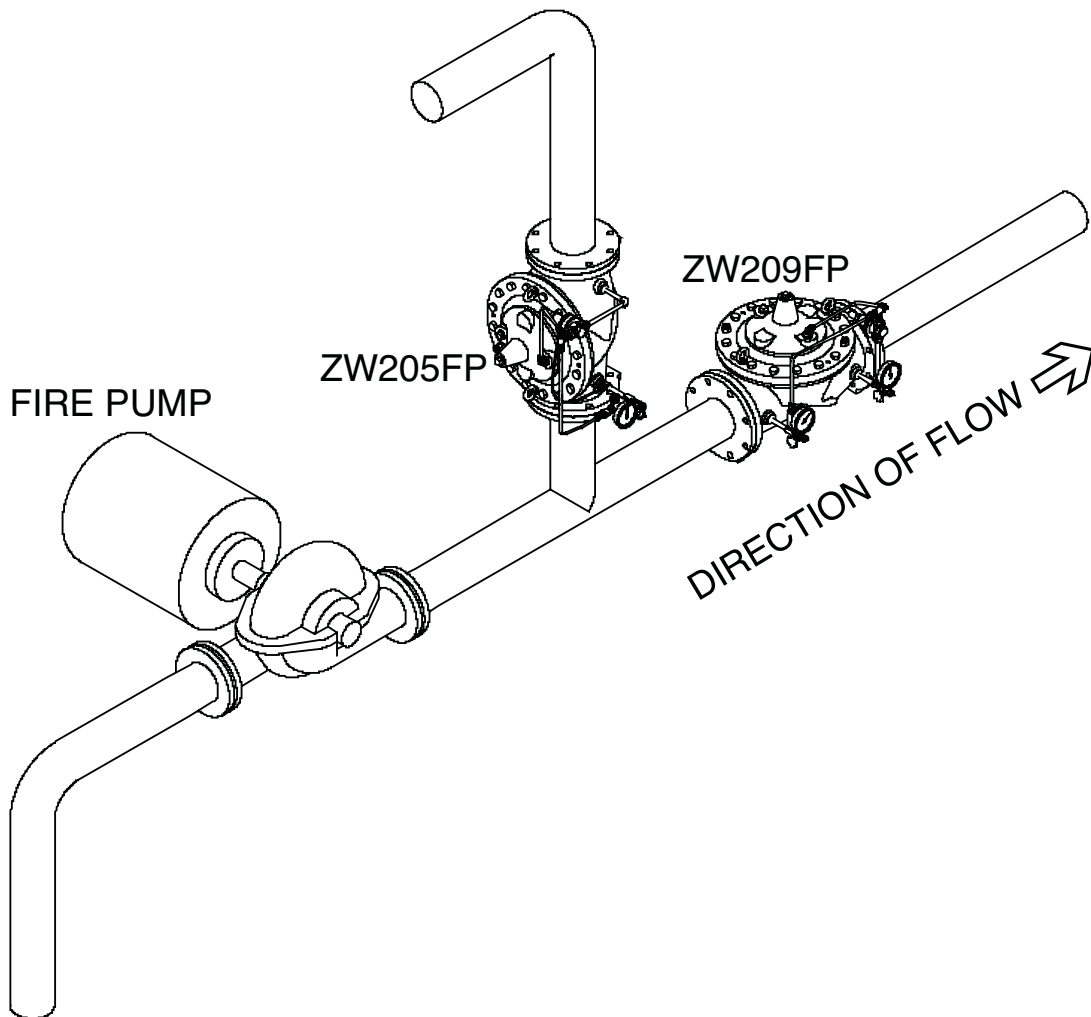
### IMPORTANT

Completed order form required.

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW205FP: FIRE PUMP RELIEF VALVE, CLASS 150, FLANGED X FLANGED</b>		
2"	2-ZW205FP	3,765.00
2-1/2"	212-ZW205FP	4,604.00
3"	3-ZW205FP	4,857.00
4"	4-ZW205FP	6,670.00
6"	6-ZW205FP	9,010.00
8"	8-ZW205FP	14,235.00
10"	10-ZW205FP	20,281.00
<b>ZW205FPY: FIRE PUMP RELIEF VALVE, CLASS 300, FLANGED X FLANGED</b>		
2"	2-ZW205FPY	4,057.00
2-1/2"	212-ZW205FPY	4,837.00
3"	3-ZW205FPY	5,111.00
4"	4-ZW205FPY	6,943.00
6"	6-ZW205FPY	9,205.00
8"	8-ZW205FPY	14,689.00
10"	10-ZW205FPY	21,529.00

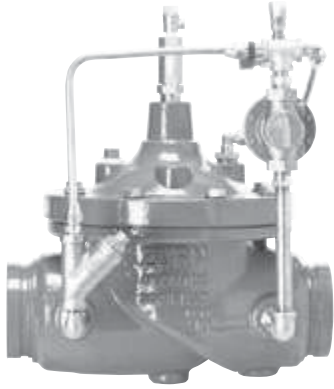
For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

### TYPICAL INSTALLATION





## ZW215FP SERIES – FIRE PUMP SUCTION CONTROL VALVE



### APPLICATIONS

The ZW215FP controls the suction pressure to a Fire Pump, preventing cavitation and potential backflow conditions.

### FEATURES

- 2" - 10"
- Globe and angle bodies available
- Pressure rating: 150 Class flanged, 250 psi max; 300 Class flanged, grooved, or threaded 300 psi max
- Pilot Spring Range 10-30 psi
- 140°F max
- Wye strainer and epoxy coating come standard

### APPROVALS AND APPLICABLE STANDARDS

- FM® Approved

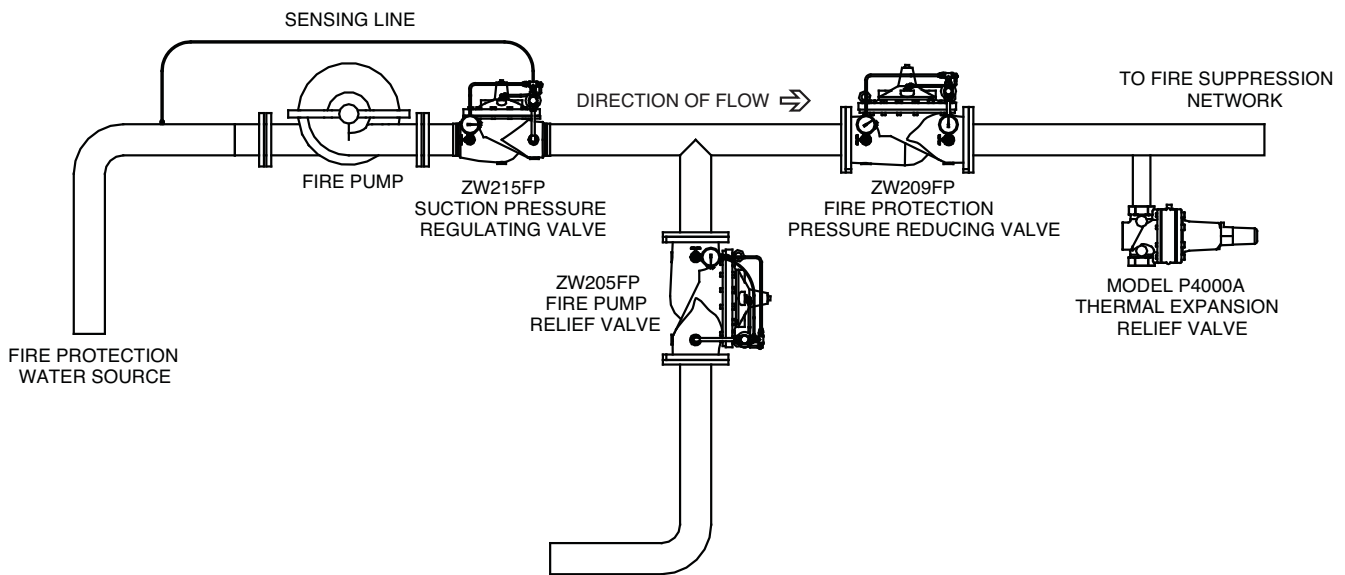
### IMPORTANT

Completed order form required.

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW215FP: FIRE PUMP SUCTION CONTROL VALVE, CLASS 150, FLANGED X FLANGED</b>		
2"	2-ZW215FP	3,841.00
2-1/2"	212-ZW215FP	4,680.00
3"	3-ZW215FP	4,933.00
4"	4-ZW215FP	6,746.00
6"	6-ZW215FP	9,086.00
8"	8-ZW215FP	14,312.00
10"	10-ZW215FP	20,357.00
<b>ZW215FPY: FIRE PUMP SUCTION CONTROL VALVE, CLASS 300, FLANGED X FLANGED</b>		
2"	2-ZW215FPY	3,237.00
2-1/2"	212-ZW215FPY	4,894.00
3"	3-ZW215FPY	5,167.00
4"	4-ZW215FPY	7,000.00
6"	6-ZW215FPY	9,261.00
8"	8-ZW215FPY	14,745.00
10"	10-ZW215FPY	21,585.00

For threaded or grooved end connections and angle body pricing, use Class 150 valve pricing.

### TYPICAL INSTALLATION



# AUTOMATIC CONTROL VALVE OPTIONS AND ACCESSORIES

See main valve product specification sheets for details and available options.

SIZE	DESCRIPTION, INLET X OUTLET CONNECTIONS, OPTIONS	PURCHASED WITH VALVE		PURCHASED INDIVIDUALLY	
		PART NUMBER	LIST PRICE EA.	PART NUMBER	LIST PRICE EA.
1-1/4" - 3"	Threaded End Connections	TH Suffix	Same price as 150 – class flange price. Price for 1-1/4" Threaded is the same as 1-1/2".		-
1-1/4" - 16"	Grooved End Connections	G Suffix	Same price as 150 – class flange price		-
1-1/4" - 10"	Angle Body Valve	A Suffix	Same price as globe – 150 class flange price		-
3"	Reduced Port Body (3" body with 2" internals)	R Suffix	-259.00		-
4"	Reduced Port Body (4" body with 3" internals)	R Suffix	-1,065.00		-
6"	Reduced Port Body (6" body with 4" internals)	R Suffix	-2,592.00		-
8"	Reduced Port Body (8" body with 6" internals)	R Suffix	-4,728.00		-
10"	Reduced Port Body (10" body with 8" internals)	R Suffix	-5,565.00		-
1-1/4" - 16"	Check Valve with Isolation Valve	C Option	361.00		-
1-1/4" - 16"	Atmospheric Drain	F Option	No Charge		-
1-1/4" - 16"	Liquid Filled Gauges	GL Option	150.00		-
1-1/4" - 16"	Pressure Sustaining Pilot	H Option	699.00		-
1-1/4" - 16"	Closing Speed Control	L Option	201.00		-
1-1/4" - 16"	Opening Speed Control	O Option	201.00		-
1-1/4" - 16"	Pilotry on Reverse Side	RV Option	No Charge		-
1-1/4" - 16"	Stainless Braided Hoses	SH Option	No Charge		-
1-1/4" - 16"	Stainless Pilotry; Pilot, Tubing, and Fittings	SP Option	POA		-
1-1/4" - 16"	Independent Operating Pressure	W Option	No Charge		-
1-1/4" - 2-1/2"	Viton Rubber Internals, 180 °F, Diaphragm, Seal Ring, O-rings, main valve and pilot	V Option	822.00		-
3"	Viton Rubber Internals, 180 °F, Diaphragm, Seal Ring, O-rings, main valve and pilot	V Option	1,203.00		-
4"	Viton Rubber Internals, 180 °F, Diaphragm, Seal Ring, O-rings, main valve and pilot	V Option	1,608.00		-
1-1/4" - 2-1/2"	Position Indicator (ZPI)	Z Option	333.00	114-212-ZPI	467.00
3"	Position Indicator (ZPI)	Z Option	466.00	3-ZPI	731.00
4"	Position Indicator (ZPI)	Z Option	466.00	4-ZPI	731.00
6"	Position Indicator (ZPI)	Z Option	426.00	6-ZPI	614.00
8" - 10"	Position Indicator (ZPI)	Z Option	727.00	8-10-ZPI	1,145.00
12" - 16"	Position Indicator (ZPI)	Z Option	564.00	12-16-ZPI	943.00
1-1/4" - 3"	Digital Position Indicator	Z3 Option	POA	114-3-ZPI3	POA
4" - 6"	Digital Position Indicator	Z3 Option	POA	4-6-ZPI3	POA
8" - 16"	Digital Position Indicator	Z3 Option	POA	8-16-ZPI3	POA

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

BACKFLOW PREVENTERS  
 BACKFLOW PREVENTERS ACCESSORIES  
 STRAINERS  
 AUTOMATIC CONTROL VALVES  
 PRESSURE REDUCING VALVES  
 FIRE PROTECTION VALVES  
 THERMOSTATIC MIXING VALVES  
 RELIEF VALVES  
 MISCELLANEOUS PLUMBING PRODUCTS  
 REPAIR KITS

## AUTOMATIC CONTROL VALVE OPTIONS AND ACCESSORIES

See main valve product specification sheets for details and available options.

SIZE	DESCRIPTION, INLET X OUTLET CONNECTIONS, OPTIONS	PURCHASED WITH VALVE		PURCHASED INDIVIDUALLY	
		PART NUMBER	LIST PRICE EA.	PART NUMBER	LIST PRICE EA.
1-1/4" - 2-1/2"	Limit Switch - single switch that triggers when the valve is open	SO Option	1,816.00	114-212-SW1-0	1,816.00
3"	Limit Switch - single switch that triggers when the valve is open	SO Option	1,816.00	3-SW1-0	1,816.00
4" - 6"	Limit Switch - single switch that triggers when the valve is open	SO Option	1,816.00	4-6-SW1-0	1,816.00
8" - 12"	Limit Switch - single switch that triggers when the valve is open	SO Option	1,816.00	8-12-SW1-0	1,816.00
14" - 16"	Limit Switch - single switch that triggers when the valve is open	SO Option	1,816.00	14-16-SW1-0	1,816.00
1-1/4" - 2-1/2"	Limit Switch - single switch that triggers when the valve is closed	SC Option	1,816.00	114-212-SW1-C	1,816.00
3"	Limit Switch - single switch that triggers when the valve is closed	SC Option	1,816.00	3-SW1-C	1,816.00
4" - 6"	Limit Switch - single switch that triggers when the valve is closed	SC Option	1,816.00	4-6-SW1-C	1,816.00
8" - 10"	Limit Switch - single switch that triggers when the valve is closed	SC Option	1,816.00	8-10-SW1-C	1,816.00
12" - 16"	Limit Switch - single switch that triggers when the valve is closed	SC Option	1,816.00	12-16-SW1-C	1,816.00
1-1/4" - 2-1/2"	Limit Switch - dual switches one triggers open, one triggers closed	SD Option	3,408.00	114-212-SW2	3,408.00
3"	Limit Switch - dual switches one triggers open, one triggers closed	SD Option	3,408.00	3-SW2	3,408.00
4"	Limit Switch - dual switches one triggers open, one triggers closed	SD Option	3,408.00	4-SW2	3,408.00
6"	Limit Switch - dual switches one triggers open, one triggers closed	SD Option	3,408.00	6-SW2	3,408.00
8" - 10"	Limit Switch - dual switches one triggers open, one triggers closed	SD Option	3,408.00	8-10-SW2	3,408.00
12" - 16"	Limit Switch - dual switches one triggers open, one triggers closed	SD Option	3,408.00	12-16-SW2	3,408.00
1-1/4" - 6"	Pressure Gauge, 2-1/2" Dial, 0 - 300psi, 1/8" MNPT	-	-	2006-25BP-300	27.00
1-1/4" - 4"	Pressure Gauge, 2-1/2" Dial, 0 - 300psi, 1/4" MNPT	-	-	2004-25-300	82.00
6" - 16"	Pressure Gauge, 3 1/2" Dial, 0 - 300psi, 1/4" MNPT	-	-	2010-25-300	100.00
1-1/4" - 10"	Pressure Gauge, UL/FM Listed, 3 1/2" Dial, 0 - 300psi, 1/4" MNPT	-	-	2005-25UL	262.00
1-1/4" - 6"	Pressure Gauge, Liquid Filled, 2-1/2" Dial, 0 - 300psi, 1/8" MNPT	-	-	2006-25LBP-300	178.00
1-1/4" - 16"	Pressure Gauge, Liquid Filled, 2-1/2" Dial, 0 - 300psi, 1/4" MNPT	-	-	2004-25L-300	307.00
1-1/4" - 10"	Pilot ZW209 Pressure Reducing, 15-150psi, 1/2" FNPT	-	-	12-NR3XLHRSCDULU	207.00
1-1/4" - 16"	Pilot ZW209 Pressure Reducing, 15-150psi, 3/8" FNPT	-	-	38-PRXL	222.00
1-1/4" - 6"	Pilot ZW209HP Pressure Reducing, 30-300psi, 3/8" FNPT	-	-	38-PV-PRD-300	298.00
8" - 16"	Pilot ZW209HP Pressure Reducing, 30-300psi, 1/2" FNPT	-	-	12-PV-PRD-300	580.00
1-1/4" - 6"	Pilot ZW209FP Pressure Reducing, 50-175psi, 3/8" FNPT	-	-	38-PV-PRD-175	324.00
8" - 10"	Pilot ZW209FP Pressure Reducing, 50-175psi, 1/2" FNPT	-	-	12-PV-PRD-175	432.00
1-1/4" - 16"	Pilot ZW205/205FP Relief Valve, 50-200psi, 1/2" FNPT	-	-	12-PV-RLF-200	539.00
1-1/4" - 16"	Pilot ZW205/205FP Relief Valve, 150-300psi, 1/2" FNPT	-	-	12-PV-RLF-300	682.00
1-1/4" - 16"	Pilot ZW204 Float Valve, 1/8" FNPT	-	-	PV-FNM	849.00
1-1/4" - 16"	Pilot ZW206 Solenoid Valve, 3-Way NO or NC and 24VAC or 120VAC	-	-	PV-SOL3-XX	549.00
1-1/4" - 16"	Pilot ZW206 Solenoid Valve, 3-Way NO or NC and 24VAC or 120VAC with Manual Operator	-	-	PV-SOL3-XXM	746.00

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

# PRESSURE REDUCING VALVES

Zurn Wilkins is synonymous with quality in the water pressure reducing valves industry. When you purchase, specify, or install a Zurn Wilkins pressure reducing valve you are selecting the most reliable regulator in the industry.

<b>20XL SERIES</b> – PRESSURE REDUCING VALVE	<b>84</b>
<b>NR3XL SERIES</b> – PRESSURE REDUCING VALVE	<b>85</b>
<b>70XL SERIES</b> – PRESSURE REDUCING VALVE	<b>86</b>
<b>500XL SERIES</b> – PRESSURE REDUCING VALVE	<b>87</b>
<b>500XLYSBR SERIES</b> – PRESSURE REDUCING VALVE	<b>87</b>
<b>510XL SERIES</b> – OPTION FOR 500XL	<b>87</b>
<b>500XLFC SERIES</b> – PRESSURE REDUCING VALVE	<b>88</b>
<b>510XLFC SERIES</b> – OPTION FOR 500XLFC	<b>88</b>
<b>600XL SERIES</b> – PRESSURE REDUCING VALVE	<b>89</b>
<b>610XL SERIES</b> – OPTION FOR 600XL	<b>89</b>
<b>625XL SERIES</b> – OPTION FOR 600XL	<b>89</b>
<b>WATER PRESSURE REDUCING VALVE ACCESSORIES</b>	<b>91</b>
<b>TPKXL SERIES</b> – TAILPIECE KITS	<b>91</b>
<b>25 SERIES</b> – PRESSURE GAUGES	<b>92</b>

## 20XL SERIES – PRESSURE REDUCING VALVE



3/4" 20XL



3/4" 20XLEPEX

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>20XL: FNPT UNION X FNPT</b>		
3/4"	34-20XL	169.00
1"	1-20XL	220.00
<b>20XLC: FEMALE CU SWT UNION X FNPT</b>		
3/4"	34-20XLC	170.00
1"	1-20XLC	219.00
<b>20XLDU: DOUBLE UNION FNPT</b>		
3/4"	34-20XLDU	182.00
1"	1-20XLDU	236.00
<b>20XLDUC: DOUBLE UNION FEMAL CU SWT</b>		
3/4"	34-20XLDUC	182.00
1"	1-20XLDUC	235.00
<b>20XLDULU: FNPT X FNPT, LESS UNION NUT &amp; TAILPIECE</b>		
3/4"	34-20XLDULU	156.00
1"	1-20XLDULU	204.00
<b>20XLEPEX: INTEGRAL EXPANSION PEX</b>		
3/4"	34-20XLEPEX	170.00
1"	1-20XLEPEX	240.00
<b>20XLPEX: INTERGRAL CRIMP PEX</b>		
3/4"	34-20XLPEX	170.00
1"	1-20XLPEX	240.00

### APPLICATIONS

With a short lay length and smaller design, the 20XL Pressure Reducing Valve is ideal for tight spaces or retrofits. Its universal connection options ease installation time and minimize the potential for leaks.

### FEATURES

- 3/4", 1"
- Pressure rated 300 psi
- Spring range 25 to 75 psi
- Factory set at 50 psi
- 140°F max
- Composite cartridge and bell housing deliver superior strength and corrosion resistance
- Short lay length and smaller design makes this valve ideal for tight spaces or retrofits
- Multiple connection options include threaded, copper sweat, integral expansion PEX and integral crimp PEX

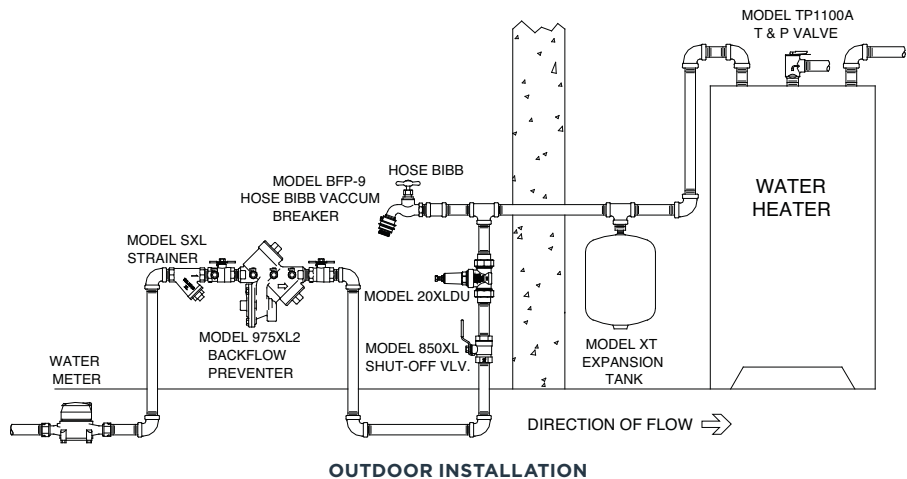
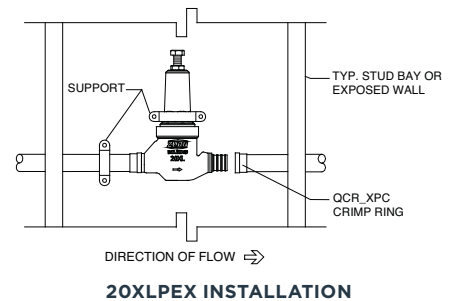
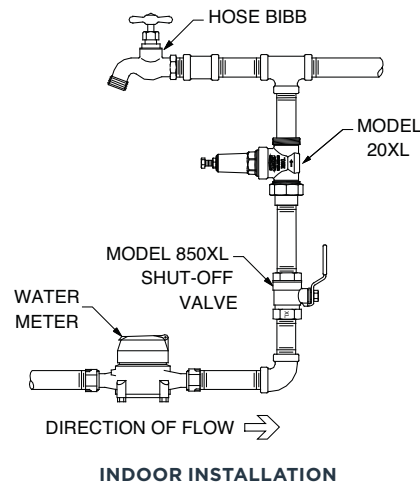
### APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1003, IAPMO® Listed, CSA® Certified
- Certified to NSF/ANSI 61

### ACCESSORIES

- In-line spacer nipple kits for use with 3/4" and 1" 20XL FNPT and copper sweat union connections (SPK34-20XL, SPK34-20XLC, SPK1-20XL, SPK1-20XLC)
- Retrofit kits available to install with 20XLDULU to replace existing PRV models (NR3XL, NR3, BR4, 70XL, 70)

### TYPICAL INSTALLATION



# NR3XL SERIES – PRESSURE REDUCING VALVE



## APPLICATIONS

With its corrosion resistant plastic cartridge and ease of repair, the NR3XL is the perfect Pressure Reducing Valve for residential applications.

## FEATURES

- 1/2" - 2"
- Pressure rated 400 psi (1/2" - 1-1/4"), 300 psi (1-1/2", 2")
- Spring range 15 to 75 psi (1/2" - 1-1/4"), 25 to 75 psi (1-1/2", 2")
- Factory set at 50 psi
- 140°F max
- Replaceable acetal cartridge with integral stainless steel strainer
- Short lay length makes for easy retrofit

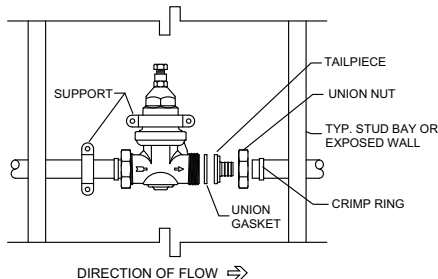
## APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1003, IAPMO® Listed, CSA® Certified
- Certified to NSF/ANSI 61 and 372

## ACCESSORIES

- Special plastic spacer nipple for use with 1/2", 3/4" and 1-1/4" NR3XL double union regulators (Model NR3XLDUSPC)
- Special spacer nipple for use with 1" NR3XL double union regulators (Model 70XLDUSPC)
- Thermal expansion tank (Model XT)

## TYPICAL INSTALLATION



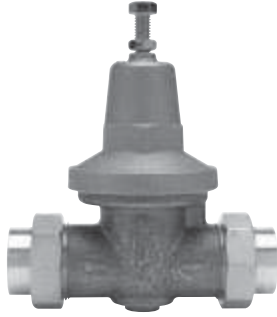
For Installation Drawing Please See Page Number 82

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>NR3XL: FNPT UNION X FNPT</b>		
1/2"	12-NR3XL	195.00
3/4"	34-NR3XL	196.00
1"	1-NR3XL	255.00
1-1/4"	114-NR3XL	627.00
1-1/2"	112-NR3XL	959.00
2"	2-NR3XL	1,172.00
<b>NR3XLDU: DOUBLE UNION FNPT</b>		
1/2"	12-NR3XLDU	208.00
3/4"	34-NR3XLDU	212.00
1"	1-NR3XLDU	274.00
1-1/4"	114-NR3XLDU	704.00
1-1/2"	112-NR3XLDU	1,091.00
2"	2-NR3XLDU	1,353.00
<b>NR3XLDULU: FNPT X FNPT, LESS UNION NUT &amp; TAILPIECE</b>		
1/2"	12-NR3XLDULU	179.00
3/4"	34-NR3XLDULU	180.00
1"	1-NR3XLDULU	235.00
1-1/4"	114-NR3XLDULU	559.00
1-1/2"	112-NR3XLDULU	829.00
2"	2-NR3XLDULU	994.00
<b>NR3XLC: FEMALE CU SWT UNION X FNPT</b>		
1/2"	12-NR3XLC	197.00
3/4"	34-NR3XLC	197.00
1"	1-NR3XLC	254.00
1-1/4"	114-NR3XLC	627.00
1-1/2"	112-NR3XLC	983.00
2"	2-NR3XLC	1,332.00
<b>NR3XLDUC: DOUBLE UNION FEMALE CU SWT</b>		
1/2"	12-NR3XLDUC	212.00
3/4"	34-NR3XLDUC	212.00
1"	1-NR3XLDUC	273.00
1-1/4"	114-NR3XLDUC	705.00
1-1/2"	112-NR3XLDUC	1,139.00
2"	2-NR3XLDUC	1,553.00
<b>NR3XLDUCPVC: DOUBLE UNION CPVC</b>		
3/4"	34-NR3XLDUCPVC	247.00
1"	1-NR3XLDUCPVC	301.00
<b>NR3XLPEX: PEX UNION X FNPT</b>		
3/4"	34-NR3XLPEX	197.00
1"	1-NR3XLPEX	278.00
<b>NR3XLF1960: EXPANSION PEX UNION X FNPT</b>		
3/4"	34-NR3XLF1960	197.00
1"	1-NR3XLF1960	278.00
<b>NR3XLDUPEX: DOUBLE UNION PEX</b>		
3/4"	34-NR3XLDUPEX	213.00
1"	1-NR3XLDUPEX	301.00
<b>NR3XLDUPEXF1960: DOUBLE UNION EXPANSION PEX</b>		
3/4"	34-NR3XLDUPEXF1960	213.00
1"	1-NR3XLDUPEXF1960	301.00
<b>NR3XLDUCPEX: FEMALE CU SWT UNION X PEX UNION</b>		
3/4"	34-NR3XLDUCPEX	213.00
1"	1-NR3XLDUCPEX	288.00
<b>NR3XLDM: DOUBLE MALE METER THD</b>		
3/4"	34-NR3XLDM	223.00
1"	1-NR3XLDM	301.00
<b>NR3XLRHSCDUBPK: BY-PASS KIT FOR 500FCBP, HRSC OPTION, DOUBLE UNION FNPT, STREET ELBOWS</b>		
3/4"	34-NR3XLRHSCDUBPK	413.00

## OPTIONS AND LIST PRICE ADDERS:

<b>PLUG (P) OPTION: TAPPED AND PLUGGED (E.G. 34-NR3P, 2-NR3XP)</b>	
1/2" - 2"	27.00
<b>GAUGE (G) OPTION: TAPPED AND PLUGGED WITH GAUGE</b>	
1/2" - 2"	45.00
<b>SEALED CAGE (SC) OPTION WITH SS ADJ SCREW. FOR BELOW GRADE AND METER BOX APPLICATIONS (E.G. 34-NR3XLSC)</b>	
1/2"	19.00
3/4"	20.00
1"	25.00
1-1/4"	45.00
1-1/2"	68.00
2"	110.00
<b>HIGH RANGE / SEALED CAGE (HRSC) OPTION WITH SS ADJ SCREW: 15-150PSI, SET TO 50 PSI (E.G. NR3XLRHSC)</b>	
1/2"	32.00
3/4"	32.00
1"	34.00
1-1/4"	78.00
<b>EXPANSION CONTROL (EC) OPTION: 100 PSI RELIEF VALVE FOR THERMAL EXPANSION CONTROL (E.G. 34-NR3XLEC)</b>	
1/2" - 1"	77.00
<b>NR3XL SERIES SPACERS</b>	
<b>FNPT X FNPT, NR3XL SERIES SPACER KIT</b>	
3/4"	SPK34-NR3 72.00
1-1/4"	SPK114-NR3 129.00
1-1/2"	SPK112-NR3 240.00
2"	SPK2-NR3 320.00
<b>FEMALE CU SWT X FEMALE CU SWT, NR3XL SERIES SPACER KIT</b>	
3/4"	SPK34-NR3C 72.00
1-1/4"	SPK114-NR3C 130.00
1-1/2"	SPK112-NR3C 228.00
2"	SPK2-NR3C 463.00
<b>CPVC X CPVC, NR3XL SERIES SPACER KIT</b>	
3/4"	SPK34-NR3CPVC 66.00

# 70XL SERIES – PRESSURE REDUCING VALVE



## APPLICATIONS

The model 70XL has been providing residential and commercial customers with ruggedness and ease of repair for over 40 years.

## FEATURES

- 3/4" - 1"
- 300 psi max
- Spring range 25 to 75 psi; factory set at 50 psi
- 140°F max
- All bronze body and bell housing provides durability and long life
- Corrosion-resistant, replaceable cartridge with integral stainless steel strainer

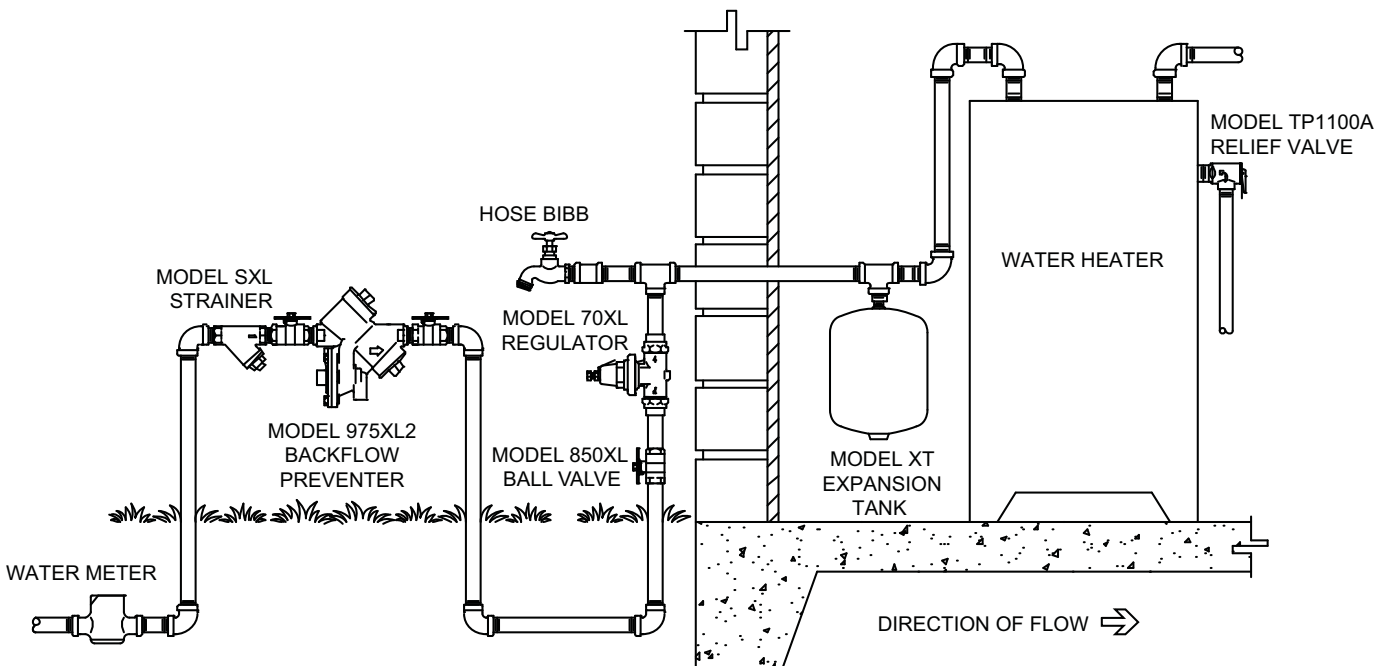
## APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1003, IAPMO® Listed, CSA® Certified, City of Los Angeles Approved
- Certified to NSF/ANSI 61 and 372

## ACCESSORIES

- Special plastic spacer nipple for use with 70XL series double union regulators (Model 70XLDUSPC)
- Thermal expansion tank (Model XT)

## TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>70XL: FNPT UNION X FNPT</b>		
3/4"	34-70XL	252.00
1"	1-70XL	350.00
<b>70XLDU: DOUBLE UNION FNPT</b>		
3/4"	34-70XLDU	293.00
1"	1-70XLDU	385.00
<b>70XLDULU: DOUBLE UNION, LESS UNION NUT &amp; TAILPIECE</b>		
3/4"	34-70XLDULU	241.00
1"	1-70XLDULU	330.00
<b>70XLC: FEMALE CU SWT UNION X FNPT</b>		
3/4"	34-70XLC	252.00
1"	1-70XLC	348.00
<b>70XLDUC: DOUBLE UNION FEMALE CU SWT</b>		
3/4"	34-70XLDUC	293.00
1"	1-70XLDUC	383.00
<b>70XLPEX: PEX UNION X FNPT</b>		
3/4"	34-70XLPEX	252.00
1"	1-70XLPEX	350.00
<b>70XLDUPEX: DOUBLE UNION PEX</b>		
3/4"	34-70XLDUPEX	293.00
1"	1-70XLDUPEX	383.00
<b>70XLDM: DOUBLE MALE METER THREADS</b>		
3/4"	34-70XLDM	284.00

## OPTIONS AND LIST PRICE ADDERS:

<b>PLUG (P) OPTION: TAPPED AND PLUGGED (E.G. 34-70XLP)</b>		
3/4" - 1"		28.00
<b>GAUGE (G) OPTION: TAPPED AND PLUGGED WITH GAUGE</b>		
3/4" - 1"		45.00
<b>SEALED CAGE (SC) OPTION WITH SS ADJ SCREW. FOR BELOW GRADE AND METER BOX APPLICATIONS (E.G. 34-70XLS)</b>		
3/4"		20.00
1"		25.00
<b>70XL SERIES SPACERS</b>		
<b>FNPT X FNPT, 70XL SERIES SPACER KIT</b>		
3/4"	SPK34-70	48.00
1"	SPK1-70	65.00
<b>FEMALE CU SWT X FEMALE CU SWT, 70XL SERIES SPACER KIT</b>		
3/4"	SPK34-70C	48.00
1"	SPK1-70C	66.00
<b>MALE CU SWT X MALE CU SWT, 70XL SERIES SPACER KIT</b>		
1"	SPK1-70CM	106.00
<b>FEMALE CU SWT X MALE CU SWT, 70XL SERIES SPACER KIT</b>		
1"	SPK1-70CXM	83.00
<b>SPACER ONLY, 70XL SERIES</b>		
3/4"	34-70DUSPC	33.00
1"	1-70DUSPC	44.00

## 500XL SERIES – PRESSURE REDUCING VALVE



### APPLICATIONS

High flow rates and low fall-off are the hallmark of the 500XL series. Perfect for your commercial or industrial pressure reduction applications.

### FEATURES

- 1/2" - 3"
- 300 psi max
- Spring range 25 to 75 psi
- 140°F max
- All bronze body and bell housing provides durability and long life
- All internal parts corrosion-resistant

### APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1003 (1/2"-2-1/2"), IAPMO® Listed (1/2"-2"), CSA® Certified (1/2"-2"), City of Los Angeles (1/2"-3")
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Thermal expansion tank (Model XT)
- Model 500XLYSBR available with strainer attached

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>500XL: FNPT UNION X FNPT</b>		
1/2"	12-500XL	382.00
3/4"	34-500XL	385.00
1"	1-500XL	508.00
1-1/4"	114-500XL	1,018.00
1-1/2"	112-500XL	1,619.00
2"	2-500XL	1,900.00
<b>500XL: FNPT X FNPT</b>		
2-1/2"	212-500XL	3,341.00
3"	3-500XL	4,286.00
<b>500XLC: FEMALE CU SWT UNION X FNPT</b>		
1/2"	12-500XLC	386.00
3/4"	34-500XLC	389.00
1"	1-500XLC	514.00
1-1/4"	114-500XLC	1,029.00
1-1/2"	112-500XLC	1,636.00
2"	2-500XLC	1,920.00
<b>500XLC:PVC: CPVC UNION X FNPT</b>		
3/4"	34-500XLC:PVC	389.00
1"	1-500XLC:PVC	514.00

## 500XLYSBR SERIES – PRESSURE REDUCING VALVE

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>500XLYSBR: FNPT X FNPT, IN-LINE BRONZE "Y" TYPE STRAINER</b>		
1/2"	12-500XLYSBR	460.00
3/4"	34-500XLYSBR	500.00
1"	1-500XLYSBR	642.00
1-1/4"	114-500XLYSBR	1,214.00
1-1/2"	112-500XLYSBR	1,886.00
2"	2-500XLYSBR	2,290.00
2-1/2"	212-500XLYSBR	4,101.00
3"	3-500XLYSBR	5,465.00

See 500XL for Options and List Price adders.

## 510XL SERIES – OPTION FOR 500XL

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>510XL: FNPT UNION X FNPT (BUILT-IN BY-PASS 1/2" - 2", SIZES 2-1/2" &amp; 3" LESS UNION). 400 PSI MAX, SPRING RANGE 75-125 PSI. SET TO 85 PSI, 2-1/2" - 3" FIELD SET.</b>		
1/2"	12-510XL	409.00
3/4"	34-510XL	412.00
1"	1-510XL	544.00
1-1/4"	114-510XL	1,089.00
1-1/2"	112-510XL	1,732.00
2"	2-510XL	2,034.00
2-1/2"	212-510XL	3,575.00
3"	3-510XL	4,586.00

<b>510XLC: FEMALE CU SWT UNION X FNPT</b>		
1/2"	12-510XLC	413.00
3/4"	34-510XLC	416.00
1"	1-510XLC	549.00
1-1/4"	114-510XLC	1,100.00
1-1/2"	112-510XLC	1,749.00
2"	2-510XLC	2,053.00

<b>510XLYSBR: FNPT X FNPT, IN-LINE BRONZE "Y" TYPE STRAINER. 400 PSI MAX, SPRING RANGE 75-125 PSI. SET TO 85 PSI, 2-1/2"-3" FIELD SET.</b>		
1/2"	12-510XLYSBR	539.00
3/4"	34-510XLYSBR	575.00
1"	1-510XLYSBR	777.00
1-1/4"	114-510XLYSBR	1,343.00
1-1/2"	112-510XLYSBR	2,030.00
2"	2-510XLYSBR	2,420.00
2-1/2"	212-510XLYSBR	4,240.00
3"	3-510XLYSBR	5,823.00

See Model 500XL for Options and List Price adders.

### OPTIONS AND LIST PRICE ADDERS:

<b>PLUG (P) OPTION: TAPPED AND PLUGGED (E.G. 34-500XLP)</b>	
1/2" - 3"	28.00
<b>GAUGE (G) OPTION: TAPPED AND PLUGGED WITH GAUGE (E.G. 34-500XLG)</b>	
1/2" - 3"	45.00
<b>HIGH RANGE PRESSURE (HR) OPTION: 75-125 PSI, SET 85 PSI (E.G. 34-500XLHR)</b>	
1/2"	28.00
3/4"	28.00
1"	37.00
1-1/4"	73.00
1-1/2"	114.00
2"	134.00
2-1/2"	236.00
3"	301.00
<b>HIGH- LOW RANGE PRESSURE RANGE (HLR) OPTION: 10-125 PSI, SET 50 PSI (E.G. 34-500XLHLR)</b>	
1/2"	39.00
3/4"	40.00
1"	52.00
1-1/4"	103.00
1-1/2"	164.00
2"	191.00
2-1/2"	335.00
3"	430.00
<b>SEALED CAGE (SC) OPTION WITH SS ADJ SCREW. FOR BELOW GRADE AND METER BOX APPLICATIONS (E.G. 34-500XLSC)</b>	
1/2"	20.00
3/4"	20.00
1"	27.00
1-1/4"	52.00
1-1/2"	82.00
2"	97.00
2-1/2"	169.00
3"	216.00
<b>HOT WATER SERVICE (HTSTSC) OPTION: HIGH TEMP 180 °F (E.G. 34-500XLHTSTSC)</b>	
1/2"	78.00
3/4"	78.00
1"	103.00
1-1/4"	205.00
1-1/2"	324.00
2"	381.00
2-1/2"	669.00
3"	858.00
<b>LOW RANGE PRESSURE AND HOT WATER SERVICE (LPV) OPTION: 10-35 PSI, SET 20 PSI, HIGH TEMP 180 °F (E.G. 34-500XLHPV)</b>	
1/2"	103.00
3/4"	103.00
1"	135.00
1-1/4"	271.00
1-1/2"	430.00
2"	505.00
2-1/2"	887.00
3"	1,136.00
<b>CHROME INTERNALS (SW) OPTION FOR SALT WATER (E.G. 34-500XLSW)</b>	
1/2"	55.00
3/4"	55.00
1"	73.00
1-1/4"	144.00
1-1/2"	228.00
2"	267.00
2-1/2"	469.00
3"	601.00



## 500XL SERIES – PRESSURE REDUCING VALVE

OPTIONS AND LIST PRICE ADDERS:	
<b>LOW RANGE PRESSURE CHROME (LPCH) OPTION: 10-35 PSI, SET 20 PSI, CHROME INTERNALS (E.G. 34-500XLLPCH)</b>	
1/2"	59.00
3/4"	59.00
1"	78.00
1-1/4"	154.00
1-1/2"	244.00
2"	286.00
2-1/2"	502.00
3"	644.00
<b>LESS INTERNAL BY-PASS (L) OPTION (E.G. 34-500XLL)</b>	
1/2"	20.00
3/4"	20.00
1"	27.00
1-1/4"	52.00
1-1/2"	82.00
2"	97.00

OPTIONS AND LIST PRICE ADDERS:	
<b>PLUG FOR GAUGE (P) OPTION: TAPPED AND PLUGGED (E.G. 3-500XLFPC)</b>	
2" - 3"	28.00
<b>GAUGE (G) OPTION: TAPPED AND PLUGGED WITH GAUGE (E.G. 3-500XLFCG)</b>	
2" - 3"	45.00
<b>HIGH RANGE PRESSURE (HR) OPTION: 75-125 PSI, FIELD SET (E.G. 3-500XLFCHR)</b>	
2"	313.00
2-1/2"	318.00
3"	398.00
<b>HIGH-LOW RANGE PRESSURE (HLR) OPTION: 10-125 PSI, FIELD SET (E.G. 3-500XLFCHLR)</b>	
2"	446.00
2-1/2"	453.00
3"	564.00
<b>SEALED CAGE (SC) OPTION: FOR BELOW GRADE AND METER BOX APPLICATIONS (E.G. 3-500XLFSC)</b>	
2"	216.00
2-1/2"	219.00
3"	273.00
<b>HOT WATER SERVICE (HTSTSC) OPTION: HIGH TEMP 180 °F (E.G. 3-500XLFCHTSTSC)</b>	
2"	381.00
2-1/2"	669.00
3"	858.00
<b>LOW RANGE PRESSURE AND HOT WATER SERVICE (LPV) OPTION: 10-35 PSI, SET 20 PSI, HI TEMP 180 °F (E.G. 3-500XLFCLPV)</b>	
2"	766.00
2-1/2"	1,061.00
3"	1,346.00
<b>FSC STRAINER (FSC) OPTION WITH BOLT KIT, FLANGED X FLANGED CONNECTION (E.G. 3-500XLFSC)</b>	
2-1/2"	552.00
3"	642.00
<b>CHROME INTERNALS (SW) OPTION: FLANGED X FLANGED, CHROME INTERNALS FOR SALT WATER (E.G. 3-500XLFCSW)</b>	
2"	411.00
2-1/2"	417.00
3"	521.00

## 500XLFC SERIES – PRESSURE REDUCING VALVE

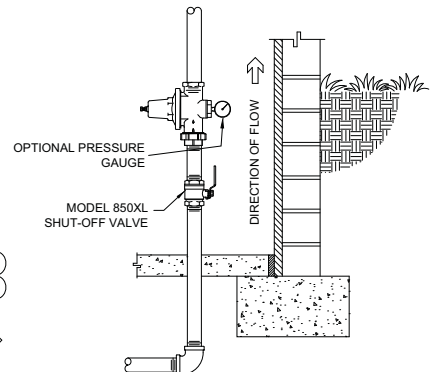
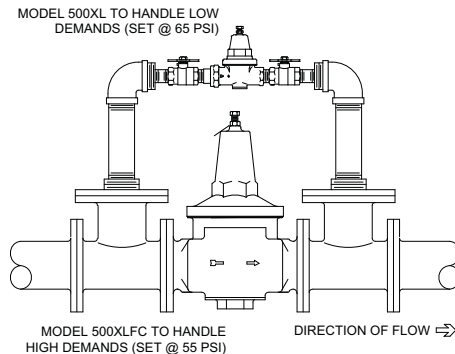
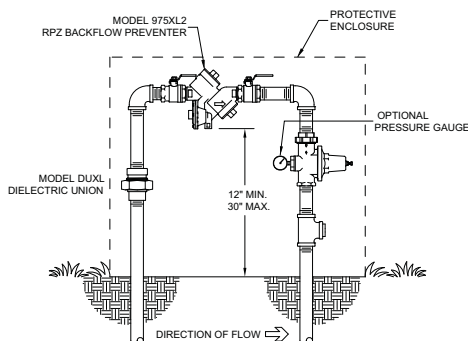
SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>500XLFC: CLASS 125# FLANGED X FLANGED, FIELD SET. 300 PSI MAX, SPRING RANGE 25-75 PSI.</b>		
2"	2-500XLFC	4,878.00
2-1/2"	212-500XLFC	4,958.00
3"	3-500XLFC	6,184.00

## 510XLFC SERIES – OPTION FOR 500XLFC

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>510XLFC: CLASS 125# FLANGED X FLANGED. 400 PSI MAX, SPRING RANGE 75-125 PSI. FIELD SET.</b>		
2"	2-510XLFC	5,037.00
2-1/2"	212-510XLFC	5,068.00
3"	3-510XLFC	6,380.00

See 500XL for Options and List Price adders.

## TYPICAL INSTALLATION



For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## 600XL SERIES – PRESSURE REDUCING VALVE



### APPLICATIONS

Sandy, debris laden water systems result in frequent PRV strainer cleanings. The 600XL, with its separate strainer cap allows this task to be completed very rapidly.

### FEATURES

- 1/2" - 2"
- Spring range 25 to 75 psi
- 300 psi max
- 140°F max
- All bronze body and bell housing provides durability and long life
- Integral stainless steel strainer with separate access cover

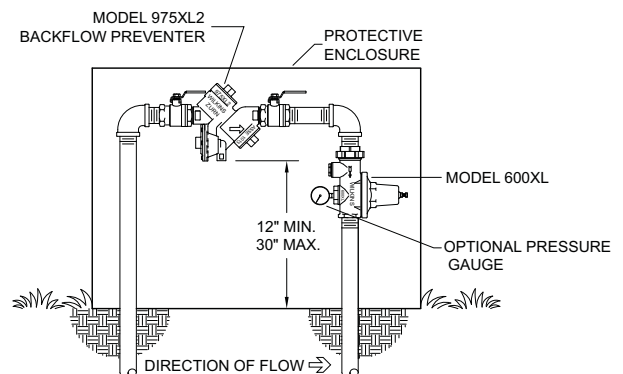
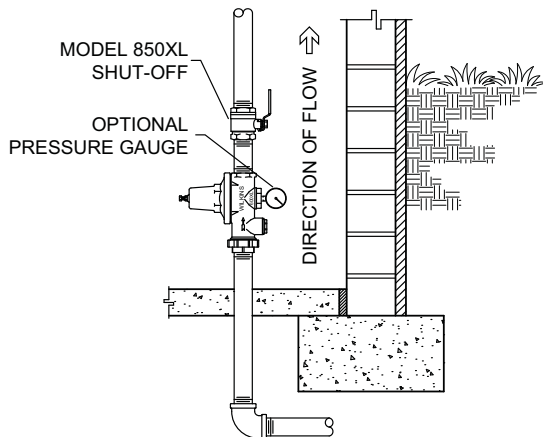
### APPROVALS AND APPLICABLE SPECIFICATIONS

- ASSE® Listed 1003, IAPMO® Listed, CSA® Certified, City of Los Angeles
- Certified to NSF/ANSI 61 and 372

### ACCESSORIES

- Pressure gauges (Model 92-25A: 1/2", 3/4") (Model 92-25: 1" - 2")
- Thermal expansion tank (Model XT)

### TYPICAL INSTALLATION



SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>600XL: FNPT UNION X FNPT</b>		
1/2"	12-600XL	299.00
3/4"	34-600XL	300.00
1"	1-600XL	403.00
1-1/4"	114-600XL	788.00
1-1/2"	112-600XL	1,199.00
2"	2-600XL	1,527.00
<b>600XLC: FEMALE CU SWT UNION X FNPT</b>		
1/2"	12-600XLC	299.00
3/4"	34-600XLC	300.00
1"	1-600XLC	403.00
1-1/4"	114-600XLC	788.00
1-1/2"	112-600XLC	1,199.00
2"	2-600XLC	1,527.00
<b>600XLD: DOUBLE MALE METER THREADS</b>		
3/4"	34-600XLD	371.00
1"	1-600XLD	500.00
<b>600XLLU: FNPT X FNPT, LESS UNION &amp; TAILPIECE</b>		
See NR3XL for other Less Union options		
1/2"	12-600XLLU	290.00
3/4"	34-600XLLU	292.00
1"	1-600XLLU	399.00

## 610XL SERIES – OPTION FOR 600XL

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>610XL: FNPT UNION X FNPT</b>		
1/2"	12-610XL	341.00
3/4"	34-610XL	342.00
1"	1-610XL	489.00
1-1/4"	114-610XL	857.00
1-1/2"	112-610XL	1,261.00
2"	2-610XL	1,567.00
<b>610XLC: FEMALE CU SWT UNION X FNPT</b>		
1/2"	12-610XLC	341.00
3/4"	34-610XLC	342.00
1"	1-610XLC	489.00
1-1/4"	114-610XLC	857.00
1-1/2"	112-610XLC	1,261.00
2"	2-610XLC	1,567.00

See 600XL for Options and List Price adders.

## 625XL SERIES – OPTION FOR 600XL

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>625XLSULU: FNPT UNION X UNION CONNECTION, LESS TAILPIECE AND UNION NUT</b>		
3/4"	34-625XLSULU	289.00
1"	1-625XLSULU	391.00
<b>625XL: FNPT UNION X FNPT</b>		
3/4"	34-625XL	300.00
1"	1-625XL	403.00
<b>625XLC: FEMALE CU SWT UNION X FNPT</b>		
3/4"	34-625XLC	300.00
1"	1-625XLC	403.00

## 600XL SERIES – PRESSURE REDUCING VALVE

OPTIONS AND LIST PRICE ADDERS:	
<b>PLUG (P) OPTION: TAPPED AND PLUGGED (E.G. 2-600XLP)</b>	
1/2" - 2"	28.00
<b>GAUGE (G) OPTION: TAPPED AND PLUGGED WITH GAUGE (E.G. 2-600XLG)</b>	
1/2" - 2"	45.00
<b>HIGH RANGE PRESSURE (HR) OPTION: 75-125 PSI, SET 85 PSI (E.G. 2-600XLHR)</b>	
1/2"	28.00
3/4"	28.00
1"	37.00
1-1/4"	73.00
1-1/2"	114.00
2"	134.00
<b>HIGH-LOW RANGE PRESSURE (HLR) OPTION: 10-125 PSI, SET 50 PSI (E.G. 2-600XLHLR)</b>	
1/2"	39.00
3/4"	40.00
1"	52.00
1-1/4"	103.00
1-1/2"	164.00
2"	191.00

OPTIONS AND LIST PRICE ADDERS:	
<b>SEALED CAGE (SC) OPTION WITH SS ADJ SCREW. FOR BELOW GRADE AND METER BOX APPLICATIONS (E.G. 2-600XLSC)</b>	
1/2"	20.00
3/4"	20.00
1"	27.00
1-1/4"	52.00
1-1/2"	82.00
2"	97.00
<b>HOT WATER SERVICE (HTSTSC) OPTION: HIGH TEMP 180 °F (E.G. 2-600XLHTSTSC)</b>	
1/2"	78.00
3/4"	78.00
1"	103.00
1-1/4"	205.00
1-1/2"	324.00
2"	381.00
<b>LOW RANGE PRESSURE AND HOT OR COLD WATER SERVICE (LPV) OPTION: 10-35 PSI, SET 20 PSI, HIGH TEMP 180 °F (E.G. 2-600XLLPV)</b>	
1/2"	103.00
3/4"	103.00
1"	135.00
1-1/4"	271.00
1-1/2"	430.00
2"	505.00

OPTIONS AND LIST PRICE ADDERS:	
<b>CHROME INTERNALS (CH) OPTION (E.G. 2-600XLCH)</b>	
1/2"	55.00
3/4"	55.00
1"	73.00
1-1/4"	144.00
1-1/2"	228.00
2"	267.00
<b>LOW RANGE PRESSURE CHROME (LPCH) OPTION: LOW PRESS 10-35 PSI, SET 20 PSI, CHROME INTERNALS (E.G. 2-600XLLPCH)</b>	
1/2"	59.00
3/4"	59.00
1"	78.00
1-1/4"	154.00
1-1/2"	244.00
2"	286.00
<b>LESS INTERNAL BY-PASS (L) OPTION (E.G. 2-600XLL)</b>	
1/2"	20.00
3/4"	20.00
1"	27.00
1-1/4"	52.00
1-1/2"	82.00
2"	97.00

# WATER PRESSURE REDUCING VALVE ACCESSORIES

## TPKXL SERIES – TAILPIECE KITS



### APPLICATIONS

Designed for connection in different types of plumbing systems, to install pressure reducing valves (regulators) and thermostatic mixing valves. Available in a variety of sizes and end connections.

### FEATURES

- 1/2" - 2" (TMV max size 1")
- Configurations include male NPT, female NPT, female copper sweat, male copper sweat, PEX barb, CPVC, compression, Z-Bite™ push type, Z-Press™ press type, and extended retrofit options
- Brass tailpiece or CPVC tailpiece
- Cast brass union nut
- EPDM gasket

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>TPKXL: NPT CONNECTIONS</b>			
1/2"	Female NPT	12-TPKXL	29.00
1/2" x 3/4"	1/2" Female NPT, 3/4" Union	12X34-TPKXL	23.00
3/4"	Female NPT	34-TPKXL	20.00
1"	Female NPT	1-TPKXL	29.00
1-1/4"	Female NPT	114-TPKXL	83.00
1-1/2"	Female NPT	112-TPKXL	142.00
2"	Female NPT	2-TPKXL	193.00
1/2" x 3/4"	1/2" Female NPT, 3/4" Union, SS Screen	12X34-TPKXLS	26.00
3/4"	Female NPT, SS Screen	34-TPKXLS	22.00
3/4"	Male NPT	34-TPKXLM	39.00
3/4"	Male NPT, SS Screen	34-TPKXLS	42.00
1"	Male NPT	1-TPKXLM	46.00
<b>TPKXLC: COPPER SWEAT CONNECTIONS</b>			
1/2"	Female CU SWT	12-TPKXLC	31.00
1/2" x 3/4"	1/2" Female CU SWT, 3/4" Union	12X34-TPKXLC	31.00
3/4"	Female CU SWT	34-TPKXLC	22.00
1"	Female CU SWT	1-TPKXLC	33.00
1" x 3/4"	1" Female CU SWT, 3/4" Union	1X34-TPKXLC	30.00
1-1/4"	Female CU SWT	114-TPKXLC	84.00
1-1/2"	Female CU SWT	112-TPKXLC	167.00
2"	Female CU SWT	2-TPKXLC	188.00
1/2" x 3/4"	1/2" Female CU SWT, 3/4" Union, SS Screen	12X34-TPKXLCS	34.00
3/4"	Female CU SWT, SS Screen	34-TPKXLC	22.00
1" x 3/4"	1" Female CU SWT, 3/4" Union, SS Screen	1X34-TPKXLCS	30.00
3/4"	Male CU SWT	34-TPKXLCM	29.00
1"	Male CU SWT	1-TPKXLCM	54.00
<b>TPKCPVC: CPVC CONNECTIONS</b>			
1/2" x 3/4"	1/2" CPVC, 3/4" Union	12X34-TPKCPVC	28.00
1/2" x 3/4"	1/2" CPVC, 3/4" Union, SS Screen	12X34-TPKCPVCS	30.00
3/4"	CPVC	34-TPKCPVC	17.00
3/4"	CPVC, SS Screen	34-TPKCPVCS	19.00
1"	CPVC	1-TPKCPVC	26.00
<b>TPKXLP: PEX CONNECTIONS</b>			
1/2" x 3/4"	1/2" PEX, 3/4" Union	12X34-TPKXLP	23.00
3/4"	PEX	34-TPKXLP	20.00
1"	PEX	1-TPKXLP	28.00
<b>TPKXLPF: Z-BITE™ PUSH-TYPE SOLDERLESS TAILPIECE KIT</b>			
1/2"	1/2" Push Fitting x Union	12-TPKXLPF	25.00
1/2" x 3/4"	1/2" Push Fitting x 3/4" Union	12X34-TPKXLPF	26.00
1/2" x 3/4"	1/2" Push Fitting x 3/4" Union, SS Screen	12X34-TPKXLPFS	35.00
3/4"	3/4" Push Fitting x Union	34-TPKXLPF	34.00
1"	1" Push Fitting x Union	1-TPKXLPF	54.00

BACKFLOW PREVENTERS  
ACCESSORIES  
STRAINERS  
AUTOMATIC CONTROL VALVES  
PRESSURE REDUCING VALVES  
FIRE PROTECTION VALVES  
THERMOSTATIC MIXING VALVES  
RELIEF VALVES  
MISCELLANEOUS PLUMBING PRODUCTS  
REPAIR KITS

# WATER PRESSURE REDUCING VALVE ACCESSORIES

## 25 SERIES – PRESSURE GAUGES



SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>25 SERIES: PRESSURE GAUGE</b>			
1/8"	Pressure Gauge, 2" Dial, 0-100 psi, 1/8" MNPT	92-25A	67.00
1/4"	Pressure Gauge, 2" Dial, 0-100 psi, 1/4" MNPT	92-25	67.00
3/4"	Pressure Gauge, 2" Dial, 0 - 200psi, 3/4" Female Hose Bibb	HGI-25	58.00
1/4"	Pressure Gauge, 2-1/2" Dial, 0 - 300psi, 1/4" MNPT	2004-25-300	82.00
1/4"	Pressure Gauge, 3 1/2" Dial, 0 - 300psi, 1/4" MNPT	2010-25-300	100.00
1/4"	Pressure Gauge, UL/FM Listed, 3 1/2" Dial, 0 - 300psi, 1/4" MNPT	2005-25UL	262.00
1/8"	Pressure Gauge, Liquid Filled, 2-1/2" Dial, 0 - 300psi, 1/8" MNPT	2006-25LBP-300	178.00
1/4"	Pressure Gauge, Liquid Filled, 2-1/2" Dial, 0 - 300psi, 1/4" MNPT	2004-25L-300	307.00

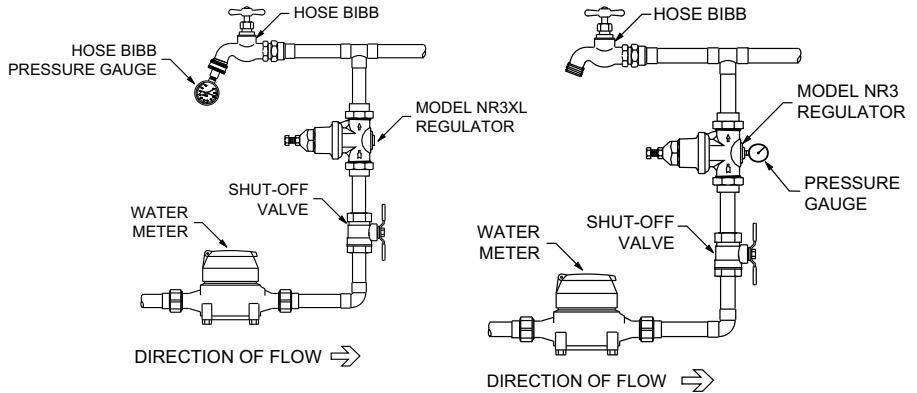
### TYPICAL INSTALLATION

#### FEATURES (HGI-25)

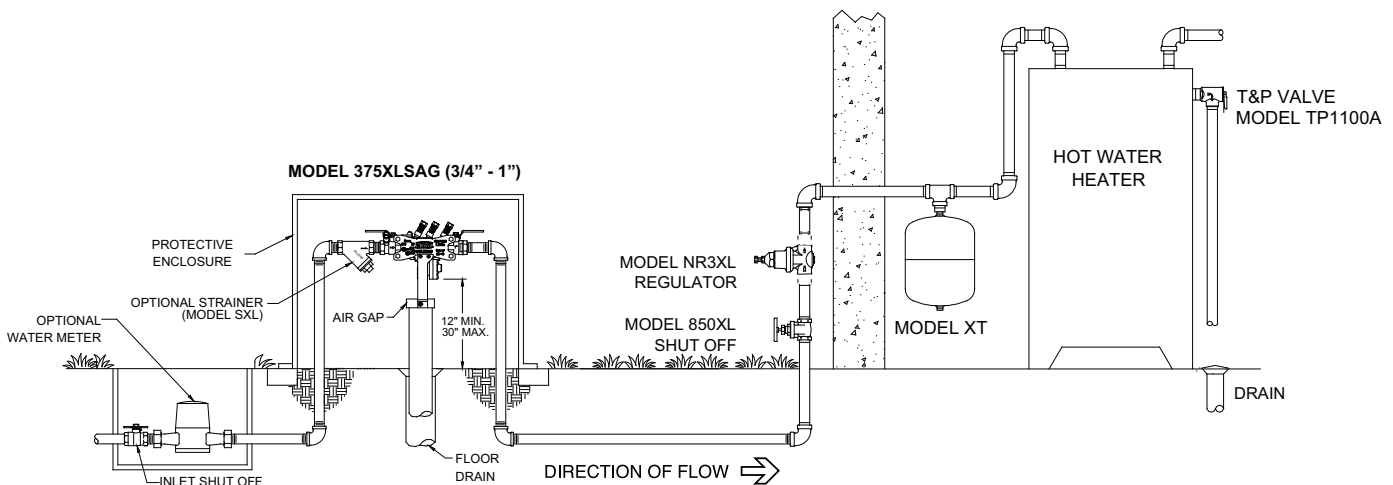
- 3/4" hose bibb connection (Model HGI-25)
- Dial size 2"
- Indicator needle identifies the highest pressure
- Range: 0 - 200 psi; minimum 2 psi graduation
- Knurled for easy tightening on hose bibb
- Sold in convenient pegboard packaging

#### FEATURES (92-25 AND 92-25A)

- 1/8" NPT (Model 92-25A), 1/4" NPT (Model 92-25)
- Dial size 2"
- Range 0 - 100 psi; minimum 2 psi graduation
- Steel black case
- Specify part no. 92-25 (1/4" NPT); 92-25A (1/8" NPT)



### MODEL NR3XL SERIES - TYPICAL INSTALLATION



# FIRE PROTECTION VALVES

Zurn Wilkins Pressure-Tru® fire system valves are a reliable choice, delivering superior low life-cycle cost. Customers benefit from on-time delivery and availability for the complete line of Zurn Wilkins fire protection system products.

<b>ZW5000 SERIES</b> – PRESSURE-TRU® FIRE HOSE VALVES	<b>94</b>
<b>Z2100/Z2105 SERIES</b> – PRESSURE-TRU® FIRE HOSE VALVES	<b>94</b>
<b>ZW5004 SERIES</b> – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES	<b>95</b>
<b>Z3004 SERIES</b> – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES	<b>95</b>
<b>ZW4004 SERIES</b> – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES	<b>96</b>
<b>ZW4000 SERIES</b> – PRESSURE-TRU® FIRE HOSE VALVES	<b>96</b>
<b>Z3000/Z3005 SERIES</b> – PRESSURE-TRU® FIRE HOSE VALVES	<b>97</b>
<b>ZW4104 SERIES</b> – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES	<b>97</b>
<b>ZW4100 SERIES</b> – PRESSURE-TRU® FIRE HOSE VALVES	<b>98</b>
<b>F100/F100G SERIES</b> – FIRE HOSE VALVES	<b>99</b>
<b>F105 SERIES</b> – PRESSURE RESTRICTING FIRE HOSE VALVES	<b>99</b>
<b>FDC2 SERIES</b> – FIRE DEPARTMENT CONNECTIONS	<b>99</b>
<b>FTD SERIES</b> – TEST AND DRAIN VALVES	<b>100</b>
<b>F49BR/F49BRG SERIES</b> – POWERBALL BUTTERFLY VALVES	<b>100</b>
<b>F49 SERIES</b> – FIRE BUTTERFLY VALVES	<b>100</b>
<b>FEZR SERIES</b> – COMMERCIAL RISERS	<b>101</b>
<b>F210 SERIES</b> – CHECK VALVES	<b>101</b>
<b>F210R SERIES</b> – RISER CHECKS	<b>101</b>
<b>P4000A</b> – PRESSURE RELIEF VALVES	<b>102</b>
<b>COUPLINGS AND FITTINGS</b>	<b>103</b>
<b>FP23 SERIES - COUPLINGS</b> – RIGID (R), FLEX (F), REDUCING	<b>103</b>
<b>FP52 SERIES - ELBOWS</b> – 90° STANDARD RADIUS, 90° SHORT RADIUS (S), 45° STANDARD RADIUS (-45), 22.5° STANDARD RADIUS (-22), 11.25° STANDARD RADIUS (-11), END OF RUN ADAPTER (GTF)	<b>104</b>
<b>FP53 SERIES - TEES</b> – STANDARD RADIUS, SHORT RADIUS (S), REDUCING BRANCH	<b>105</b>
<b>FP56 SERIES - CROSSES</b>	<b>105</b>
<b>FP3 SERIES - CAPS</b>	<b>105</b>
<b>FP63 SERIES - MECHANICAL TEES</b> – GROOVED (G), THREADED (TF), U-BOLT (LTF)	<b>106</b>
<b>FP8 SERIES - GROOVED FLANGES</b>	<b>107</b>
<b>FP51 SERIES - GROOVED REDUCERS</b>	<b>107</b>

## ZW5000 SERIES – PRESSURE-TRU® FIRE HOSE VALVES



### APPLICATIONS

The Pressure-Tru® ZW5000 Series Pressure Reducing Valve is listed as a standpipe valve for individual hose stations in CLASS I and CLASS III systems. Regulates pressure under both FLOW and NO-FLOW conditions. Ideal for applications where immediate field adjustments are needed. Can be set in the field as needed.

### FEATURES

- Sizes: 2 1/2"
- 400 psi max
- End connection (FNPT) ANSI B1.20.1, (Grooved) AWWA C606, (Male hose) NFPA1963
- Available in angle or in-line (globe) configurations
- Field adjustable
- Tapped and plugged inlet and outlet for pressure gauge.

### OPTIONS

(Suffixes can be combined)  
 ZW5000 - angle type valve  
 IL - in-line (globe type) valve  
 G - with grooved inlet  
 SF - with San Francisco hose thread (3")  
 ST - with special hose thread  
 CC - with cap and chain  
 CCCH - with cap and chain and chrome finish

ZW5000F - female NPT inlet and outlet angle valve  
 IL - female NPT inlet and outlet in-line valve  
 CH - with chrome finish

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed

### IMPORTANT

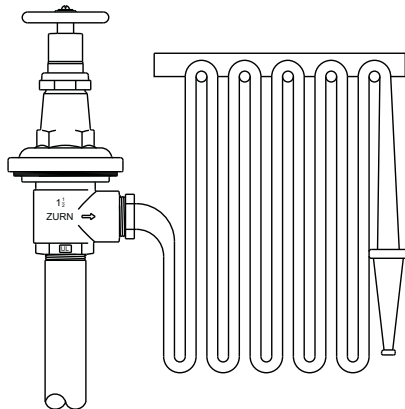
Completed order form required. Order form can be found on [zurn.com](http://zurn.com) under Related Documents of the valve.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>ZW5000: NATIONAL HOSE THREAD OUTLET</b>			
2-1/2"	FNPT x Male Hose Thread, Angle Body	ZW5000	2,607.00
<b>ZW5000IL: IN-LINE (GLOBE TYPE) VALVE</b>			
2-1/2"	FNPT x Male Hose Thread, In-Line Body	ZW5000IL	2,889.00
<b>ZW5000G: GROOVED X MALE HOSE THD</b>			
2-1/2"	Angle Body	ZW5000G	2,607.00
2-1/2"	In-Line Body	ZW5000ILG	2,889.00
<b>ZW5000SF: WITH SAN FRANCISCO HOSE THREAD (3")</b>			
2-1/2"	Angle Body	ZW5000SF	2,944.00
<b>ZW5000F: FNPT X FNPT</b>			
2-1/2"	Angle Body	ZW5000F	2,674.00
2-1/2"	In-Line Body	ZW5000FIL	3,116.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION WITH LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>			
<b>CAP AND CHAIN (CC) OPTION</b>			
2-1/2"			124.00
<i>Part number will be designated with the "CC" option (e.g. ZW5000CC, ZW5000GCC, ZW5000ILCC, ZW5000ILGCC, ZW5000SFCC, ZW5000STCC).</i>			
<b>CHROME FINISH (CH) OPTION</b>			
2-1/2"			298.00
<i>Part number will be designated with the "CH" option (e.g. ZW5000CCCH, ZW5000FCH, ZW5000FILCH, ZW5000GCCCH, ZW5000ILCCCH, ZW5000ILGCCCH, ZW5000SFCCCH).</i>			
<b>SPECIAL THREAD (ST) OPTION</b>			
2-1/2"			115.00
<i>Part number will be designated with the "ST" option (e.g. ZW5000ST, ZW5000GST, ZW5000STCC, ZW5000GSTCC, ZW5000STCCCH, ZW5000GSTCCCH).</i>			

## Z2100/Z2105 SERIES – PRESSURE-TRU® FIRE HOSE VALVES



### TYPICAL INSTALLATION



### APPLICATIONS

The Pressure-Tru Z2100 and Z2105 series pressure reducing valve is listed as a standpipe valve for individual hose stations in class II systems. Regulates pressure under both FLOW and NO-FLOW conditions. Can be adjusted and set at the factory or field adjustable without draining the standpipe riser.

### FEATURES

- 1-1/2"
- 400 psi max
- All bronze construction
- Z2100 series features 1-1/2" FNPT inlet connection with 1-1/2" male outlet hose connection
- Z2105 series features 1-1/2" female NPT inlet and outlet connections
- Angle type valve configuration
- Factory set or field adjustable

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed

### IMPORTANT

Completed order form required. Order form can be found on [zurn.com](http://zurn.com) under Related Documents of the valve.

SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>Z2100: FNPT X MALE HOSE THREAD, ANGLE BODY</b>		
1-1/2"	Z2100	1,749.00
<b>Z2105: FNPT X FNPT, ANGLE BODY</b>		
1-1/2"	Z2105	1,728.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION WITH LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>		
<b>CAP AND CHAIN (C/C) OPTION</b>		
1-1/2"		78.00
<i>Part number will be designated with the "C/C" option (e.g. Z2100C/C, Z2100C/CCH, Z2100STC/CCH).</i>		
<b>CHROME FINISH (CH) OPTION</b>		
1-1/2"		211.00
<i>Part number will be designated with the "CH" option (e.g. Z2100CH, Z2100C/CH, Z2100STC/CCH).</i>		
<b>SPECIAL THREAD (ST) OPTION</b>		
1-1/2"		111.00
<i>Part number will be designated with the "ST" option (e.g. Z2100ST, Z2100STCH, Z2100STC/CCH).</i>		

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## ZW5004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES



### APPLICATIONS

The Pressure-Tru® ZW5004 Series Pressure Reducing Valve is listed as a floor control valve, an indicating valve, and a check valve in automatic sprinkler systems as well as a standpipe valve for CLASS I and CLASS III systems. Regulates pressure under both FLOW and NO-FLOW conditions. Ideal for applications where immediate field adjustments are needed. Can be set in the field as needed.

### FEATURES

- Sizes: 2 1/2"
- 400 psi max
- End connection (FNPT) ANSI B1.20.1, (Grooved) AWWA C606
- Available in angle or in-line (globe) configurations
- Field adjustable
- Tapped and plugged inlet and outlet for pressure gauge.
- Integral supervisory switch contact rating of 3 amps at 125VAC and a tamper resistant cover

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>ZW5004: FNPT X FNPT</b>			
2-1/2"	Angle Body	ZW5004	3,138.00
2-1/2"	Angle Body, Capped Bonnet, No Hand Wheel Assembly	ZW5004CAP	2,501.00
2-1/2"	In-Line Body	ZW5004IL	3,485.00
2-1/2"	In-Line Body, Capped Bonnet, No Hand Wheel Assembly	ZW5004ILCAP	2,744.00
<b>ZW5004G: GROOVED X GROOVED</b>			
2-1/2"	Angle Body	ZW5004G	3,138.00
2-1/2"	Angle Body, Capped Bonnet, No Hand Wheel Assembly	ZW5004GCAP	2,501.00
2-1/2"	In-Line Body	ZW5004ILG	3,485.00
2-1/2"	In-Line Body, Capped Bonnet, No Hand Wheel Assembly	ZW5004ILGCAP	2,744.00

### OPTIONS

(Suffixes can be combined)  
 ZW5004 - angle type valve  
 IL - in-line (globe type) valve  
 G - with grooved inlet  
 CAP - with capped bonnet, no handwheel assembly

### IMPORTANT

Completed order form required. Order form can be found on [zurn.com](http://zurn.com) under Related Documents of the valve.

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed

## Z3004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES



### APPLICATIONS

The Pressure-Tru Z3004 series pressure reducing valve is listed as a floor control valve in automatic sprinkler systems as well as a standpipe valve for class I and class III systems. Regulates pressure under both FLOW and NO-FLOW conditions.

### FEATURES

- 2-1/2"
- 400 psi max
- 500 gpm max
- Open-close indicating feature
- 2-1/2" female inlet and outlet connections or available with grooved options
- Factory set or field adjustable

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>Z3004: FNPT X FNPT</b>			
2-1/2"	Angle Body	Z3004	2,621.00
2-1/2"	Angle Body, Capped Bonnet, No Hand Wheel Assembly	Z3004CAP	2,382.00
2-1/2"	In-Line Body	Z3004IL	2,964.00
2-1/2"	In-Line Body, Capped Bonnet, No Hand Wheel Assembly	Z3004ILCAP	2,613.00
<b>Z3004G: GROOVED X GROOVED</b>			
2-1/2"	Angle Body	Z3004G	2,621.00
2-1/2"	Angle Body, Capped Bonnet, No Hand Wheel Assembly	Z3004GCAP	2,382.00
2-1/2"	In-Line Body	Z3004ILG	2,964.00
2-1/2"	In-Line Body, Capped Bonnet, No Hand Wheel Assembly	Z3004ILGCAP	2,613.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION WITH LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>			
<b>MONITOR SWITCH ADAPTER (MSA) OPTION</b>			
2-1/2"			53.00
<i>Part number will be designated with the "MSA" option (e.g. Z3004MSA, Z3004ILMSACH, Z3004ILGMSA).</i>			
<b>CHROME FINISH (CH) OPTION</b>			
2-1/2"			365.00
<i>Part number will be designated with the "CH" option (e.g. Z3004CH, Z3004ILCH, Z3004ILMSACH).</i>			
<b>SUPERVISORY SWITCH (SS) OPTION</b>			
2-1/2"			368.00
<i>Part number will be designated with the "SS" option (e.g. Z3004SS, Z3004ILSS, ZW3004ILGSS).</i>			

### IMPORTANT

Completed order form required. Order form can be found on [zurn.com](http://zurn.com) under Related Documents of the valve.



## ZW4004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES



### APPLICATIONS

The Pressure-Tru ZW4004 series pressure reducing valve is listed as a floor control valve in automatic sprinkler systems as well as a standpipe valve for class I and class III systems. Regulates pressure under both FLOW and NO-FLOW conditions.

### FEATURES

- 2-1/2"
- 400 psi max
- 500 gpm max
- Open-Close indicating feature
- 2-1/2" Female NPT inlet and outlet connection
- Factory set, non-field adjustable
- Use Part Number Assistant on zurn.com for factory setting (Available flow Curves N, O, P, Q, R, S, T & U, example: ZW4004G-T)

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>ZW4004: FNPT X FNPT</b>			
2-1/2"	Angle Body	ZW4004	1,597.00
2-1/2"	Angle Body, Capped Bonnet, No Hand Wheel Assembly	ZW4004CAP	1,369.00
2-1/2"	In-Line Body	ZW4004IL	1,845.00
2-1/2"	In-Line Body, Capped Bonnet, No Hand Wheel Assembly	ZW4004ILCAP	1,618.00
<b>ZW4004G: GROOVED X GROOVED</b>			
2-1/2"	Angle Body	ZW4004G	1,597.00
2-1/2"	Angle Body, Capped Bonnet, No Hand Wheel Assembly	ZW4004GCAP	1,369.00
2-1/2"	In-Line Body	ZW4004ILG	1,845.00
2-1/2"	In-Line Body, Capped Bonnet, No Hand Wheel Assembly	ZW4004ILGCAP	1,618.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION WITH LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>			
<b>MONITOR SWITCH ADAPTER (MSA) OPTION</b>			
2-1/2"			53.00
<i>Part number will be designated with the "MSA" option (e.g. ZW4004MSA-P, ZW4004ILMSA-S, ZW4004ILGMSA-T).</i>			
<b>CHROME FINISH (CH) OPTION</b>			
2-1/2"			365.00
<i>Part number will be designated with the "CH" option (e.g. ZW4004CH-P, ZW4004ILCH-S, ZW4004ILGMSACH-T).</i>			
<b>SUPERVISORY SWITCH (SS)</b>			
2-1/2"			368.00
<i>Part number will be designated with the "SS" option (e.g. ZW4004SS-P, ZW4004ILSS-S, ZW4004ILGSSCH-T).</i>			

### IMPORTANT

Completed order form required. Order form can be found on zurn.com under Related Documents of the valve.

## ZW4000 SERIES – PRESSURE-TRU® FIRE HOSE VALVES



### APPLICATIONS

Listed as a standpipe valve for individual hose stations in CLASS I and CLASS III systems. Regulates pressure under both FLOW and NO-FLOW conditions.

### FEATURES

- 2-1/2"
- 400 psi max
- Factory set, non-field adjustable
- All bronze construction
- Available in angle or in-line (globe) configurations
- Use Part Number Assistant on zurn.com for factory setting (Available flow Curves N, O, P, Q, R, S, T & U, example: ZW4000G-T)

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>ZW4000: FNPT X MALE HOSE THREAD, ANGLE BODY</b>			
2-1/2"		ZW4000	1,571.00
<b>ZW4000IL: FNPT X MALE HOSE THREAD, IN-LINE BODY</b>			
2-1/2"		ZW4000IL	1,855.00
<b>ZW4000G: GROOVED X MALE HOSE THREAD, ANGLE BODY</b>			
2-1/2"		ZW4000G	1,571.00
<b>ZW4000ILG: GROOVED X MALE HOSE THREAD, IN-LINE BODY</b>			
2-1/2"		ZW4000ILG	1,855.00
<b>ZW4000SF: WITH SAN FRANCISCO HOSE THREAD (3")</b>			
2-1/2"	FNPT x SF Male Hose Thread, Angle Body	ZW4000SF	1,876.00
2-1/2"	FNPT x SF Male Hose Thread, In-Line Body	ZW4000ILSF	2,161.00
2-1/2"	Grooved x SF Male Hose Thread, Angle Body	ZW4000GSF	1,876.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION WITH LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>			
<b>CAP AND CHAIN (CC) OPTION</b>			
2-1/2"			137.00
<i>Part number will be designated with the "CC" option (e.g. ZW4000C/C-M, ZW4000C/CCH-O, ZW4000STC/C-P).</i>			
<b>CHROME FINISH (CH) OPTION</b>			
2-1/2"			365.00
<i>Part number will be designated with the "CH" option (e.g. ZW4000CH-M, ZW4000CCCH-O, ZW4000STCCCH-P).</i>			
<b>SPECIAL FIRE HOSE THREADS (ST) OPTION</b>			
2-1/2"			111.00
<i>Part number will be designated with the "ST" option (e.g. ZW4000ST-M, ZW4000STCH-O, ZW4000GST-P).</i>			

### IMPORTANT

Completed order form required. Order form can be found on zurn.com under Related Documents of the valve.

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## Z3000/Z3005 SERIES – PRESSURE-TRU® FIRE HOSE VALVES



### APPLICATIONS

The Pressure-Tru Z3000 and Z3005 series pressure reducing valve is listed as a standpipe valve for individual hose stations in class I and class III systems. Regulates pressure under both FLOW and NO-FLOW conditions.

### FEATURES

- 2-1/2"
- 400 psi max
- All bronze construction
- Model Z3000 series features female NPT inlet x male hose thread outlet or available with grooved inlet
- Model Z3005 series features female NPT inlet and outlet
- Available in angle or in-line (globe) configurations
- Factory set or field adjustable

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>Z3000: NATIONAL HOSE THREAD OUTLET</b>			
2-1/2"	FNPT x Male Hose Thread, Angle Body	Z3000	2,482.00
<b>Z3000IL: IN-LINE (GLOBE TYPE) VALVE</b>			
2-1/2"	FNPT x Male Hose Thread, In-Line Body	Z3000IL	2,751.00
<b>Z3000G: GROOVED X MALE HOSE THD</b>			
2-1/2"	Angle Body	Z3000G	2,482.00
2-1/2"	In-Line Body	Z3000ILG	2,751.00
<b>Z3000SF: WITH SAN FRANCISCO HOSE THREAD (3")</b>			
2-1/2"	Angle Body	Z3000SF	2,804.00
2-1/2"	In-Line Body	Z3000ILSF	2,944.00
<b>Z3005: FNPT X FNPT</b>			
2-1/2"	Angle Body	Z3005	2,546.00
2-1/2"	In-Line Body	Z3005IL	2,967.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION WITH LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>			
<b>CAP AND CHAIN (C/C) OPTION</b>			
2-1/2"			137.00
<i>Part number will be designated with the "C/C" option (e.g. Z3000C/C, Z3000C/CCH, Z3000STC/C).</i>			
<b>CHROME FINISH (CH) OPTION</b>			
2-1/2"			365.00
<i>Part number will be designated with the "CH" option (e.g. Z3000CH, Z3000C/CCH, Z3000STC/CCH).</i>			
<b>SPECIAL THREAD (ST) OPTION</b>			
2-1/2"			111.00
<i>Part number will be designated with the "ST" option (e.g. Z3000ST, Z3000ILST, Z3000GSTC/C).</i>			

### IMPORTANT

Completed order form required. Order form can be found on [zurn.com](http://zurn.com) under Related Documents of the valve.

## ZW4104 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES



### APPLICATIONS

The Pressure-Tru ZW4104 series pressure reducing valve is listed as a floor control valve in automatic sprinkler systems as well as a standpipe valve for class II systems. Regulates pressure under both FLOW and NO-FLOW conditions.

### FEATURES

- 1-1/2"
- 400 psi max
- 200 gpm max
- Open-Close indicating feature
- 1-1/2" Female NPT inlet and outlet connections
- Available in angle style only
- Factory set, non-field adjustable
- Use Part Number Assistant on [zurn.com](http://zurn.com) for factory setting (Available flow Curves N, O, P, Q, R, S, T & U, example: ZW4104G-T)

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>ZW4104: FNPT X FNPT</b>			
1-1/2"	Angle Body	ZW4104	1,431.00
1-1/2"	Angle Body, Capped Bonnet, No Hand Wheel Assembly	ZW4104CAP	1,299.00
<b>ZW4104G: GROOVED X GROOVED</b>			
1-1/2"	Angle Body	ZW4104G	1,431.00
1-1/2"	Angle Body, Capped Bonnet, No Hand Wheel Assembly	ZW4104GCAP	1,299.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION WITH LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>			
<b>MSA OPTION, MONITOR SWITCH ADAPTER INSTALLED</b>			
1-1/2"			53.00
<i>Part number will be designated with the "MSA" option (e.g. ZW4104MSA-M, ZW4104MSACH-O, ZW4104GCH-P).</i>			
<b>CH OPTION, ROUGH CHROME FINISH</b>			
1-1/2"			211.00
<i>Part number will be designated with the "CH" option (e.g. ZW4104CH-M, ZW4104GCH-O, ZW4100SSCH-P).</i>			
<b>SS OPTION, SUPERVISORY SWITCH INSTALLED</b>			
1-1/2"			202.00
<i>Part number will be designated with the "SS" option (e.g. ZW4104SS-M, ZW4104SSCH-O, ZW4104GSS-P).</i>			

### APPROVALS AND APPLICABLE STANDARDS

- UL® Listed, C-UL® Listed
- SS option - California State Fire Marshall Listed

### IMPORTANT

Completed order form required. Order form can be found on [zurn.com](http://zurn.com) under Related Documents of the valve.

## ZW4100 SERIES – PRESSURE-TRU® FIRE HOSE VALVES



### APPLICATIONS

The Pressure-Tru ZW4100 series pressure reducing valve is listed as a standpipe valve for individual hose stations in class II systems. Regulates pressure under both FLOW and NO-FLOW conditions.

### FEATURES

- 1-1/2"
- 400 psi max
- All bronze construction
- Model ZW4100 series features female NPT inlet x male hose thread outlet
- Model ZW4100G series features grooved inlet x male hose thread outlet
- Available in angle style only
- Factory set, non-field adjustable
- Use Part Number Assistant on zurn.com for factory setting (Available flow Curves N, O, P, Q, R, S, T & U, example: ZW4100G-T)
- Contact factory for approvals & availability

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed

### IMPORTANT

Completed order form required. Order form can be found on zurn.com under Related Documents of the valve.

SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>ZW4100: FNPT X MALE HOSE THREAD, ANGLE BODY</b>		
1-1/2"	ZW4100	1,431.00
<b>ZW4100G: GROOVED X MALE HOSE THREAD, ANGLE BODY</b>		
1-1/2"	ZW4100G	1,431.00
<b>OPTIONS AND LIST PRICE ADDERS (ADD OPTION WITH LIST PRICE TO DETERMINE TOTAL LIST PRICE)</b>		
<b>CAP AND CHAIN (CC) OPTION</b>		
1-1/2"		78.00
<i>Part number will be designated with the "CC" option (e.g. ZW4100CC-M, ZW4100CCCH-O, ZW4100STCC-P).</i>		
<b>CHROME FINISH (CH) OPTION</b>		
1-1/2"		211.00
<i>Part number will be designated with the "CH" option (e.g. ZW4100CH-M, ZW4100CCCH-O, ZW4100STCCCH-P).</i>		
<b>SPECIAL THREAD (ST) OPTION</b>		
1-1/2"		111.00
<i>Part number will be designated with the "ST" option (e.g. ZW4100ST-M, ZW4100STCH-O, ZW4100GST-P).</i>		

## F100/F100G SERIES – FIRE HOSE VALVES



### APPLICATIONS

Zurn Model F100/F100G Fire Hose Valves are standpipe valves listed for use on a fire hose rack assembly, or as a fire department outlet connection. Suitable for test header application.

### FEATURES

- 1-1/2", 2-1/2"
- 300 psi max
- All bronze construction
- Inlet Connections: FNPT or Grooved
- Outlet Connections Options: NH, FNPT or Special Thread (2-1/2")
- Rough chrome plated optional

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>F100: FNPT X NH</b>			
1-1/2"	Angle Body, Brass	112-F100	115.00
2-1/2"	Angle Body, Brass	212-F100	172.00
2-1/2"	Angle Body, Rough Chrome Plated	212-F100CH	216.00
<b>F100F: FNPT X FNPT</b>			
1-1/2"	Angle Body, Brass	112-F100F	115.00
2-1/2"	Angle Body, Brass	212-F100F	172.00
<b>F100ST: FNPT X SPECIAL THREAD</b>			
2-1/2"	Angle Body, Brass	212-F100ST	172.00
2-1/2"	Angle Body, Rough Chrome Plated	212-F100STCH	216.00
<b>F100G: GRV X NH</b>			
2-1/2"	Angle Body, Brass	212-F100G	172.00
2-1/2"	Angle Body, Rough Chrome Plated	212-F100GCH	216.00
<b>F100GF: GRV X FNPT</b>			
2-1/2"	Angle Body, Brass	212-F100GF	172.00
<b>F100GST: GRV X SPECIAL THREAD</b>			
2-1/2"	Angle Body, Brass	212-F100GST	172.00
2-1/2"	Angle Body, Rough Chrome Plated	212-F100GSTCH	216.00

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, FM® Approved, C-UL® Listed, ULC® Listed (2-1/2" only)

## F105 SERIES – PRESSURE RESTRICTING FIRE HOSE VALVES



### APPLICATIONS

Zurn Model F105 Pressure Restricting Fire Hose Valves are listed standpipe valves for hose stations. They regulate pressure under FLOW conditions only. Pressure at the valve can be adjusted and set in the field while flow testing a standpipe riser.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>F105: FNPT X NH</b>			
1-1/2"	Angle Body, Brass	112-F105	153.00
2-1/2"	Angle Body, Brass	212-F105	231.00
<b>F105F: FNPT X FNPT</b>			
1-1/2"	Angle Body, Brass	112-F105F	153.00
2-1/2"	Angle Body, Brass	212-F105F	231.00
<b>F105ST: FNPT X SPECIAL THREAD</b>			
2-1/2"	Angle Body, Brass	212-F105ST	231.00

### FEATURES

- 1-1/2", 2-1/2"
- 175 psi max
- All bronze construction
- Inlet Connections: FNPT
- Outlet Connections Options: NH, FNPT or Special Thread (2-1/2")

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, FM® Approved

## FDC2 SERIES – FIRE DEPARTMENT CONNECTIONS



### APPLICATIONS

The Zurn FDC2 Fire Department Connections provide a means for firefighters to connect hose lines to a fire sprinkler system to supplement the domestic water supply. This ensures active fire protection systems have an adequate water supply. The FDC2 has two swivel inlet connections separated by a clapper that acts as a check valve against backflow if only one hose is attached. The FDC2 is available in straight and 90 degree body styles

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FDC2: FIRE DEPARTMENT CONNECTIONS</b>			
Straight body	4" NPT x 2-1/2" NH(NST) siamese Fire Dept Conn, back inlet, single clapper	4x212-FDC2-EX-SC	222.00
90 degree body	4" NPT x 2-1/2" NH(NST) siamese Fire Dept Conn, bottom inlet, single clapper	4x212-FDC2-EX90-SC	238.00

### FEATURES

- Available in straight body and 90 degree body styles
- 300 psi max
- Provide a means for firefighters to connect hose lines to a fire sprinkler system to supplement the domestic water supply

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## FTD SERIES – TEST AND DRAIN VALVES



### APPLICATIONS

Zurn Model FTD Fire Test and Drain valves provide for required water flow testing and draining of a sprinkler system with one valve. In the test position this valve simulates flow of a single sprinkler with a 5.6 K-Factor orifice. The drain position allows unrestricted flow for rapid draining of the system. Clear sight glass plugs facilitates visual inspection of water flow through the valve.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FTD: FIRE TEST AND DRAIN VALVES</b>			
1"	Straight Body, K5.6 Orifice, Brass	1-FTD-K56	277.00
1-1/4"	Straight Body, K5.6 Orifice, Brass	114-FTD-K56	286.00
1-1/2"	Straight Body, K5.6 Orifice, Brass	112-FTD-K56	366.00
2"	Straight Body, K5.6 Orifice, Brass	2-FTD-K56	474.00

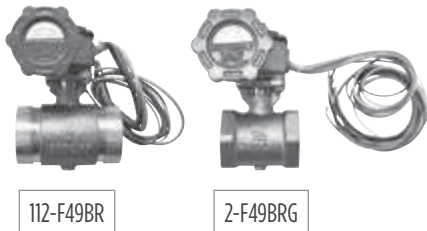
### FEATURES

- 1", 1-1/4", 1-1/2", 2"
- 300 psi max
- Suitable for first fit construction or replacement of existing valve.

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

## F49BR/F49BRG SERIES – POWERBALL BUTTERFLY VALVES



SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>F49BR: THREADED</b>			
1"	Brass with Supervisory Switch	1-F49BR	361.00
1-1/4"	Brass with Supervisory Switch	114-F49BR	385.00
1-1/2"	Brass with Supervisory Switch	112-F49BR	408.00
2"	Brass with Supervisory Switch	2-F49BR	480.00
2-1/2"	Brass with Supervisory Switch	212-F49BR	635.00
<b>F49BRG: GROOVED</b>			
1-1/4"	Brass with Supervisory Switch	114-F49BRG	399.00
1-1/2"	Brass with Supervisory Switch	112-F49BRG	421.00
2"	Brass with Supervisory Switch	2-F49BRG	476.00
2-1/2"	Brass with Supervisory Switch	212-F49BRG	574.00

### APPLICATIONS

Zurn Model F49BR Fire Powerball Butterfly sprinkler control valves provide for easy system shutoff to facilitate repair and maintenance.

### FEATURES

- 1", 1-1/4", 1-1/2", 2", 2-1/2"
- 300 psi max
- Threaded or grooved end connections
- Valves feature low torque actuation and a built-in tamper switch
- Operated with a slow closing 1/4 turn antiwater hammer valve
- Tamper switches signal movement of the valve from the full open position to an alarm

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

## F49 SERIES – FIRE BUTTERFLY VALVES



### APPLICATIONS

The Zurn F49 Fire Butterfly Valves provide a slow opening anti-waterhammer adjustment to control waterflow. An integral supervisory tamper switch provides a fire alarm control signal when the valve is moved from the open position.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>F49: FIRE BUTTERFLY VALVES</b>			
2-1/2"	Grooved Butterfly valve, ductile iron, w/ tamper switch	212-F49	356.00
3"	Grooved Butterfly valve, ductile iron, w/ tamper switch	3-F49	363.00
4"	Grooved Butterfly valve, ductile iron, w/ tamper switch	4-F49	402.00
6"	Grooved Butterfly valve, ductile iron, w/ tamper switch	6-F49	568.00
8"	Grooved Butterfly valve, ductile iron, w/ tamper switch	8-F49	846.00

### FEATURES

- Sizes: 2 1/2"- 8"
- 300 psi max
- Short lay length

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## FEZR SERIES – COMMERCIAL RISERS



### APPLICATIONS

Zurn Model FEZR in building Fire Commercial Risers are vertically mounted assemblies designed to connect a water supply line to a fire sprinkler system. Each unit consists of a Test and Drain Valve, a Water Flow Detector Switch, and a Pressure Gauge.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FEZR: COMMERCIAL RISERS</b>			
2"	Commercial Riser, Test and Drain, Flow Switch, Pressure Gauge	2-FEZR-TD	993.00
2-1/2"	Commercial Riser, Test and Drain, Flow Switch, Pressure Gauge	212-FEZR-TD	1,034.00
3"	Commercial Riser, Test and Drain, Flow Switch, Pressure Gauge	3-FEZR-TD	1,134.00
4"	Commercial Riser, Test and Drain, Flow Switch, Pressure Gauge	4-FEZR-TD	1,246.00
6"	Commercial Riser, Test and Drain, Flow Switch, Pressure Gauge	6-FEZR-TD	1,325.00

### FEATURES

- 2", 2-1/2", 3", 4", 6"
- 300 psi max
- Risers come standard with test & drain valve, water flow detector switch and a pressure gauge
- Fusion epoxy coated exterior main body

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, FM® Approved, Listed by California Fire Marshall

## F210 SERIES – CHECK VALVES



### APPLICATIONS

The Zurn F210 Fire Check Valve prevents system reversal of flow; as required by systems including but not limited to combined sprinkler standpipe piping systems. These valves ensure quick activation of sprinkler systems in the instance of a fire emergency.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>F210: CHECK VALVES</b>			
2"	Fire Check Valve, grooved, Horiz or Vert Up	2-F210	215.00
2-1/2"	Fire Check Valve, grooved, Horiz or Vert Up	212-F210	219.00
3"	Fire Check Valve, grooved, Horiz or Vert Up	3-F210	253.00
4"	Fire Check Valve, grooved, Horiz or Vert Up	4-F210	307.00
6"	Fire Check Valve, grooved, Horiz or Vert Up	6-F210	592.00
8"	Fire Check Valve, grooved, Horiz or Vert Up	8-F210	868.00

### FEATURES

- Sizes: 2" - 8"
- 200 psi max
- Tapped and plugged for inlet and outlet gauges
- Provide zone backflow prevention in a sprinkler standpipe systems

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

## F210R SERIES – RISER CHECKS



### APPLICATIONS

The Zurn F210R Fire Riser Check is a zone water check to prevent system reversal of flow; as required by systems including sprinkler standpipe systems and fire department connections. The F210R Fire Riser Check includes tapped and plugged drilled holes for use with optional Check Trim Kit (sold separately)\* to complete Riser Check. Check Trim Kit includes two gauges, two isolation valves, fittings and drain valve.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>F210R: RISER CHECKS</b>			
2-1/2"	Fire Riser Check, grooved, Tapped for gauge and drain	212-F210R	225.00
3"	Fire Riser Check, grooved, Tapped for gauge and drain	3-F210R	266.00
4"	Fire Riser Check, grooved, Tapped for gauge and drain	4-F210R	319.00
6"	Fire Riser Check, grooved, Tapped for gauge and drain	6-F210R	886.00
8"	Fire Riser Check, grooved, Tapped for gauge and drain	8-F210R	1,148.00
<b>OPTIONS</b>			
<b>CHECKTRIM: RISER CHECK TRIM KIT</b>			
2-1/2" - 3"	1-1/4" drain valve, nipples, gauges, for 2-1/2" and 3" riser check	212-3-CHECKTRIM	194.00
4" - 8"	2" drain valve, nipples, gauges, for 4", 6" and 8" riser check	4-8-CHECKTRIM	227.00

### FEATURES

- Sizes: 2-1/2" - 8"
- 200 psi max
- Tapped and plugged drilled holes for use with optional Check Trim Kit (sold separately) to complete Riser Check

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

### ACCESSORIES

Optional Check Trim Kit (CHECKTRIM) to be used with F210R Riser Check. Kit includes two gauges, two isolation valves, fittings and drain valve.

# P4000A – PRESSURE RELIEF VALVES



## TYPICAL INSTALLATION

Underwriters Laboratories requires the installation of pressure gauges upstream and downstream of the pressure reducing valve. Also, a relief valve of not less than 1/2" in size must be installed on the downstream side of the pressure control valve. Adequate drainage for the relief valve discharge must be provided.

SIZE	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>P4000A: RELIEF VALVE, FNPT X FNPT, 50-200 PSI</b>		
1/2"	12-P4000A	843.00
3/4"	34-P4000A	843.00
<b>P4000AHR: RELIEF VALVE, FNPT X FNPT, 150-300 PSI</b>		
1/2"	12-P4000AHR	942.00
3/4"	34-P4000AHR	942.00

## APPLICATIONS

The pressure relief valve prevents pressure build-up in a fire protection system or other closed type system whenever the line pressure exceeds the setting of the spring caused by pumps, elevated piping and thermal expansion.

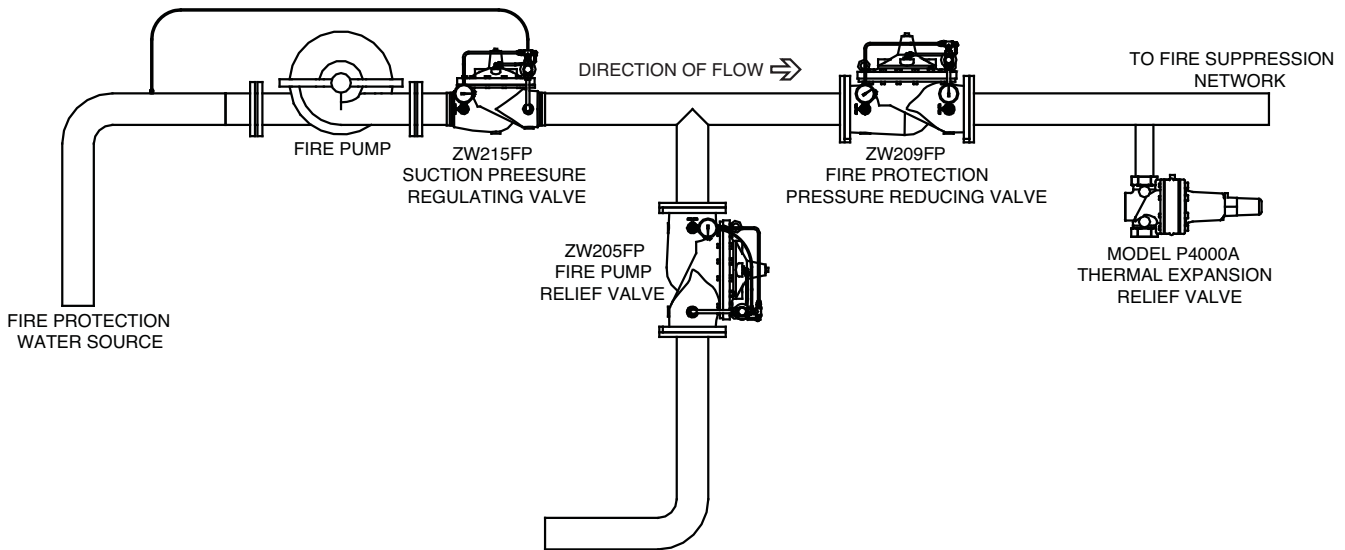
## FEATURES

- 1/2", 3/4"
- Available pressure ranges: 50 to 200 psi standard (UL), 150 to 300 psi (UL)
- 140°F max
- Body and cover materials: cast bronze, stainless steel

## APPROVALS AND APPLICABLE STANDARDS

UL® Listed, FM® Approved

## TYPICAL INSTALLATION



# COUPLINGS AND FITTINGS

## FP23 SERIES - COUPLINGS - RIGID (R), FLEX (F), REDUCING



### APPLICATIONS

Zurn Model FP23 couplings are listed to join grooved pipes together. FP23 couplings are available with Rigid or Flexible options, or for reducing connections.

FP23R - Rigid Couplings provide sturdy inflexible joints comparable to flanged, welded, or threaded connections. They are designed to prevent angular and axial deflection of connected pipes.

FP23F - Flexible Couplings allow joints to flex at the connection without leakage. They meet flexure requirements for structural settling, inter-building piping, and seismic motion.

FP23 - Reducing Couplings provide a flexible style joint between pipes of different sizes. Each reducing coupling makes a connection that would otherwise require two separate couplings and a reducer.

### FEATURES

- Sizes: 1 1/4", 1 1/2", 2", 2 1/2", 3", 4, 6", 8", 10
- Maximum Pressure: 300 PSI

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FP23R - RIGID COUPLINGS</b>			
1-1/4"	Grooved coupling, rigid	114-FP23R	8.00
1-1/2"	Grooved coupling, rigid	112-FP23R	8.00
2"	Grooved coupling, rigid	2-FP23R	9.00
2-1/2"	Grooved coupling, rigid	212-FP23R	10.00
3"	Grooved coupling, rigid	3-FP23R	11.00
4"	Grooved coupling, rigid	4-FP23R	15.00
6"	Grooved coupling, rigid	6-FP23R	28.00
8"	Grooved coupling, rigid	8-FP23R	54.00
10"	Grooved coupling, rigid	10-FP23R	104.00
<b>FP23F - FLEXIBLE COUPLINGS</b>			
1-1/4"	Grooved coupling, flexible	114-FP23F	8.00
1-1/2"	Grooved coupling, flexible	112-FP23F	8.00
2"	Grooved coupling, flexible	2-FP23F	9.00
2-1/2"	Grooved coupling, flexible	212-FP23F	10.00
3"	Grooved coupling, flexible	3-FP23F	12.00
4"	Grooved coupling, flexible	4-FP23F	16.00
6"	Grooved coupling, flexible	6-FP23F	23.00
8"	Grooved coupling, flexible	8-FP23F	45.00
<b>FP23 - REDUCING COUPLINGS</b>			
1-1/2" by 1-1/4"	Grooved coupling, reducing	112X114-FP23	15.00
2" by 2-1/2"	Grooved coupling, reducing	2X112-FP23	23.00
2-1/2" by 2"	Grooved coupling, reducing	212X2-FP23	28.00
3" by 2"	Grooved coupling, reducing	3X2-FP23	28.00
3" by 2-1/2"	Grooved coupling, reducing	3X212-FP23	28.00
4" by 2"	Grooved coupling, reducing	4X2-FP23	42.00
4" by 2-1/2"	Grooved coupling, reducing	4X212-FP23	41.00
4" by 3"	Grooved coupling, reducing	4X3-FP23	41.00
6" by 4"	Grooved coupling, reducing	6X4-FP23	63.00
8" by 6"	Grooved coupling, reducing	8X6-FP23	126.00

BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS



# FP52 SERIES - ELBOWS – 90° STANDARD RADIUS, 90° SHORT RADIUS (S), 45° STANDARD RADIUS (-45), 22.5° STANDARD RADIUS (-22), 11.25° STANDARD RADIUS (-11), END OF RUN ADAPTER (GTF)



## APPLICATIONS

The Zurn FP52 Elbows maximize configurability of piping with a range of bend angles from 90 degree to 11.25 degree, including standard and short patterned options and end of run adapters.

## FEATURES

- Elbow Sizes: 1 ¼", 1 ½", 2", 2 ½", 3", 4, 6", 8", 10"
- Elbow Bend Angles: 90°, short radius 90°, 45°, 22.5°, 11.25°
- 90° Grooved End Adapter Outlets: NPT ½", ¾", 1"
- Maximum Pressure: 1 ¼" – 4" Elbows 400 PSI, 6"-10" Elbows 300 PSI, Grooved End of Run Adapters 300 PSI

## APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FP52 - 90 DEGREE ELBOW - STANDARD RADIUS</b>			
1-1/4"	Grooved 90 degree elbow	114-FP52	6.00
1-1/2"	Grooved 90 degree elbow	112-FP52	6.00
2"	Grooved 90 degree elbow	2-FP52	9.00
2-1/2"	Grooved 90 degree elbow	212-FP52	11.00
3"	Grooved 90 degree elbow	3-FP52	15.00
4"	Grooved 90 degree elbow	4-FP52	21.00
6"	Grooved 90 degree elbow	6-FP52	54.00
8"	Grooved 90 degree elbow	8-FP52	107.00
10"	Grooved 90 degree elbow	10-FP52	294.00
<b>FP52S - 90 DEGREE ELBOW - SHORT RADIUS</b>			
1-1/4"	Grooved 90 degree elbow, short radius	114-FP52S	14.00
1-1/2"	Grooved 90 degree elbow, short radius	112-FP52S	8.00
2"	Grooved 90 degree elbow, short radius	2-FP52S	9.00
2-1/2"	Grooved 90 degree elbow, short radius	212-FP52S	11.00
3"	Grooved 90 degree elbow, short radius	3-FP52S	16.00
4"	Grooved 90 degree elbow, short radius	4-FP52S	20.00
6"	Grooved 90 degree elbow, short radius	6-FP52S	46.00
8"	Grooved 90 degree elbow, short radius	8-FP52S	95.00
<b>FP52-45 - 45 DEGREE ELBOW - STANDARD RADIUS</b>			
1-1/4"	Grooved 45 degree elbow	114-FP52-45	8.00
1-1/2"	Grooved 45 degree elbow	112-FP52-45	8.00
2"	Grooved 45 degree elbow	2-FP52-45	9.00
2-1/2"	Grooved 45 degree elbow	212-FP52-45	10.00
3"	Grooved 45 degree elbow	3-FP52-45	14.00
4"	Grooved 45 degree elbow	4-FP52-45	18.00
6"	Grooved 45 degree elbow	6-FP52-45	49.00
8"	Grooved 45 degree elbow	8-FP52-45	92.00
10"	Grooved 45 degree elbow	10-FP52-45	285.00
<b>FP52-22 - 22.5 DEGREE ELBOW - STANDARD RADIUS</b>			
1-1/2"	Grooved 22.5 degree elbow	112-FP52-22	20.00
2"	Grooved 22.5 degree elbow	2-FP52-22	20.00
2-1/2"	Grooved 22.5 degree elbow	212-FP52-22	23.00
3"	Grooved 22.5 degree elbow	3-FP52-22	30.00
4"	Grooved 22.5 degree elbow	4-FP52-22	44.00
6"	Grooved 22.5 degree elbow	6-FP52-22	99.00
8"	Grooved 22.5 degree elbow	8-FP52-22	193.00
<b>FP52-11 - 11.25 DEGREE ELBOW - STANDARD RADIUS</b>			
1-1/2"	Grooved 11.25 degree elbow	112-FP52-11	18.00
2"	Grooved 11.25 degree elbow	2-FP52-11	20.00
2-1/2"	Grooved 11.25 degree elbow	212-FP52-11	23.00
3"	Grooved 11.25 degree elbow	3-FP52-11	30.00
4"	Grooved 11.25 degree elbow	4-FP52-11	44.00
6"	Grooved 11.25 degree elbow	6-FP52-11	99.00
<b>FP52GTF - END OF RUN ADAPTER</b>			
1-1/4" by 1/2"	End of run elbow, grooved x Female NPT	114X12-FP52GTF	25.00
1-1/4" by 3/4"	End of run elbow, grooved x Female NPT	114X34-FP52GTF	25.00
1-1/4" by 1"	End of run elbow, grooved x Female NPT	114X1-FP52GTF	25.00
1-1/2" by 1/2"	End of run elbow, grooved x Female NPT	112X12-FP52GTF	25.00
1-1/2" by 3/4"	End of run elbow, grooved x Female NPT	112X34-FP52GTF	25.00
1-1/2" by 1"	End of run elbow, grooved x Female NPT	112X1-FP52GTF	25.00
2" by 1/2"	End of run elbow, grooved x Female NPT	2X12-FP52GTF	27.00
2" by 3/4"	End of run elbow, grooved x Female NPT	2X34-FP52GTF	27.00
2" by 1"	End of run elbow, grooved x Female NPT	2X1-FP52GTF	28.00
2-1/2" by 3/4"	End of run elbow, grooved x Female NPT	212X34-FP52GTF	28.00
2-1/2" by 1"	End of run elbow, grooved x Female NPT	212X1-FP52GTF	28.00

## FP53 SERIES - TEES - STANDARD RADIUS, SHORT RADIUS (S), REDUCING BRANCH



### APPLICATIONS

The Zurn FP53 Tees provide branch connections for 1/4" through 10" pipes and are available tee short radius (S), tee standard radius and reducing branch tree.

### FEATURES

Maximum Pressure: 1/4" - 4" Tees 400 PSI, 6"-10" Tees 300 PSI

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FP53 - TEE - STANDARD RADIUS</b>			
1-1/4"	Grooved Tee	114-FP53	10.00
1-1/2"	Grooved Tee	112-FP53	10.00
2"	Grooved Tee	2-FP53	12.00
2-1/2"	Grooved Tee	212-FP53	17.00
3"	Grooved Tee	3-FP53	23.00
4"	Grooved Tee	4-FP53	39.00
6"	Grooved Tee	6-FP53	86.00
8"	Grooved Tee	8-FP53	193.00
10"	Grooved Tee	10-FP53	476.00
<b>FP53S - TEE - SHORT RADIUS</b>			
1-1/4"	Grooved Tee, short radius	114-FP53S	9.00
1-1/2"	Grooved Tee, short radius	112-FP53S	9.00
2"	Grooved Tee, short radius	2-FP53S	11.00
2-1/2"	Grooved Tee, short radius	212-FP53S	14.00
3"	Grooved Tee, short radius	3-FP53S	17.00
4"	Grooved Tee, short radius	4-FP53S	29.00
6"	Grooved Tee, short radius	6-FP53S	68.00
8"	Grooved Tee, short radius	8-FP53S	149.00
<b>FP53 - REDUCING BRANCH TEE</b>			
2-1/2" by 2"	Grooved Reducing Branch Tee	212X2-FP53	30.00
3" by 2"	Grooved Reducing Branch Tee	3X2-FP53	56.00
3" by 2-1/2"	Grooved Reducing Branch Tee	3X212-FP53	56.00
4" by 2"	Grooved Reducing Branch Tee	4X2-FP53	63.00
4" by 2-1/2"	Grooved Reducing Branch Tee	4X212-FP53	63.00
4" by 3"	Grooved Reducing Branch Tee	4X3-FP53	63.00
6" by 2"	Grooved Reducing Branch Tee	6X2-FP53	156.00
6" by 2-1/2"	Grooved Reducing Branch Tee	6X212-FP53	156.00
6" by 3"	Grooved Reducing Branch Tee	6X3-FP53	156.00
6" by 4"	Grooved Reducing Branch Tee	6X4-FP53	127.00
8" by 4"	Grooved Reducing Branch Tee	8X4-FP53	270.00
8" by 6"	Grooved Reducing Branch Tee	8X6-FP53	270.00

## FP56 SERIES - CROSSES



### APPLICATIONS

The Zurn Model FP56 Crosses are standard grooved fittings to connect runs of pipe in crossing directions.

### FEATURES

- Sizes: 2", 2-1/2", 3", 4", 6", 8"
- Maximum Pressure: 2"-4" 400 PSI, 6"-8" 300 PSI

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FP56 - CROSSES</b>			
2"	Grooved Cross	2-FP56	39.00
2-1/2"	Grooved Cross	212-FP56	45.00
3"	Grooved Cross	3-FP56	66.00
4"	Grooved Cross	4-FP56	125.00
6"	Grooved Cross	6-FP56	257.00
8"	Grooved Cross	8-FP56	430.00

## FP3 SERIES - CAPS



### APPLICATIONS

The Zurn FP3 Caps are standard grooved pipe ends.

### FEATURES

Maximum Pressure: 1/4" - 4" 400 PSI, 6"-8" 300 PSI

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FP3 - CAPS</b>			
1-1/4"	Grooved Cap	114-FP3	5.00
1-1/2"	Grooved Cap	112-FP3	5.00
2"	Grooved Cap	2-FP3	6.00
2-1/2"	Grooved Cap	212-FP3	8.00
3"	Grooved Cap	3-FP3	10.00
4"	Grooved Cap	4-FP3	12.00
6"	Grooved Cap	6-FP3	29.00
8"	Grooved Cap	8-FP3	52.00

# FP63 SERIES - MECHANICAL TEES - GROOVED (G), THREADED (TF), U-BOLT (LTF)



## APPLICATIONS

The Zurn Model FP63 mechanical tees provide a fast, convenient mid-pipe branch connections without welding. These parts are ideal for adding sprinkler to runs of pipe. A hole-locator collar secures the branch position; an EPDM gasket, molded to suit the pipe size seals the connection leak tight.

## FEATURES

Maximum Pressure: 300 PSI

## OPTIONS

- LTF - U-Bolted, Threaded female NPT outlet
- GF - Threaded female NPT outlet
- G - Grooved

## APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FP63G - GROOVED MECHANICAL TEES</b>			
2" by 1-1/4"	Mechanical Tee, grooved outlet	2X114-FP63G	23.00
2-1/2" by 1-1/4"	Mechanical Tee, grooved outlet	212X114-FP63G	23.00
2-1/2" by 1-1/2"	Mechanical Tee, grooved outlet	212X112-FP63G	23.00
3" by 1-1/4"	Mechanical Tee, grooved outlet	3X114-FP63G	27.00
3" by 1-1/2"	Mechanical Tee, grooved outlet	3X112-FP63G	27.00
3" by 2"	Mechanical Tee, grooved outlet	3X2-FP63G	29.00
4" by 1-1/4"	Mechanical Tee, grooved outlet	4X114-FP63G	28.00
4" by 1-1/2"	Mechanical Tee, grooved outlet	4X112-FP63G	28.00
4" by 2"	Mechanical Tee, grooved outlet	4X2-FP63G	38.00
4" by 2-1/2"	Mechanical Tee, grooved outlet	4X212-FP63G	38.00
4" by 3"	Mechanical Tee, grooved outlet	4X3-FP63G	41.00
6" by 1-1/4"	Mechanical Tee, grooved outlet	6X114-FP63G	44.00
6" by 1-1/2"	Mechanical Tee, grooved outlet	6X112-FP63G	46.00
6" by 2"	Mechanical Tee, grooved outlet	6X2-FP63G	46.00
6" by 2-1/2"	Mechanical Tee, grooved outlet	6X212-FP63G	51.00
6" by 3"	Mechanical Tee, grooved outlet	6X3-FP63G	53.00
6" by 4"	Mechanical Tee, grooved outlet	6X4-FP63G	62.00
8" by 2"	Mechanical Tee, grooved outlet	8X2-FP63G	81.00
8" by 2-1/2"	Mechanical Tee, grooved outlet	8X212-FP63G	81.00
8" by 3"	Mechanical Tee, grooved outlet	8X3-FP63G	89.00
8" by 4"	Mechanical Tee, grooved outlet	8X4-FP63G	107.00
<b>FP63TF - THREADED MECHANICAL TEES</b>			
2" by 1"	Mechanical Tee, female NPT outlet	2X1-FP63TF	20.00
2" by 1-1/4"	Mechanical Tee, female NPT outlet	2X114-FP63TF	21.00
2" by 1-1/2"	Mechanical Tee, female NPT outlet	2X112-FP63TF	27.00
2-1/2" by 1"	Mechanical Tee, female NPT outlet	212X1-FP63TF	21.00
2-1/2" by 1-1/4"	Mechanical Tee, female NPT outlet	212X114-FP63TF	23.00
2-1/2" by 1-1/2"	Mechanical Tee, female NPT outlet	212X112-FP63TF	23.00
3" by 1"	Mechanical Tee, female NPT outlet	3X1-FP63TF	23.00
3" by 1-1/4"	Mechanical Tee, female NPT outlet	3X114-FP63TF	25.00
3" by 1-1/2"	Mechanical Tee, female NPT outlet	3X112-FP63TF	27.00
3" by 2"	Mechanical Tee, female NPT outlet	3X2-FP63TF	27.00
4" by 1"	Mechanical Tee, female NPT outlet	4X1-FP63TF	28.00
4" by 1-1/4"	Mechanical Tee, female NPT outlet	4X114-FP63TF	29.00
4" by 1-1/2"	Mechanical Tee, female NPT outlet	4X112-FP63TF	29.00
4" by 2"	Mechanical Tee, female NPT outlet	4X2-FP63TF	33.00
4" by 2-1/2"	Mechanical Tee, female NPT outlet	4X212-FP63TF	34.00
4" by 3"	Mechanical Tee, female NPT outlet	4X3-FP63TF	42.00
6" by 1-1/4"	Mechanical Tee, female NPT outlet	6X114-FP63TF	42.00
6" by 1-1/2"	Mechanical Tee, female NPT outlet	6X112-FP63TF	42.00
6" by 2"	Mechanical Tee, female NPT outlet	6X2-FP63TF	48.00
6" by 2-1/2"	Mechanical Tee, female NPT outlet	6X212-FP63TF	53.00
6" by 3"	Mechanical Tee, female NPT outlet	6X3-FP63TF	60.00
8" by 2"	Mechanical Tee, female NPT outlet	8X2-FP63TF	102.00
8" by 2-1/2"	Mechanical Tee, female NPT outlet	8X212-FP63TF	88.00
<b>FP63LTF - U-BOLT MECHANICAL TEES</b>			
1-1/4" by 1/2"	Mechanical Tee, U-bolt clamp, female NPT outlet	114X12-FP63LTF	14.00
1-1/4" by 3/4"	Mechanical Tee, U-bolt clamp, female NPT outlet	114X34-FP63LTF	14.00
1-1/4" by 1"	Mechanical Tee, U-bolt clamp, female NPT outlet	114X1-FP63LTF	14.00
1-1/2" by 1/2"	Mechanical Tee, U-bolt clamp, female NPT outlet	112X12-FP63LTF	14.00
1-1/2" by 3/4"	Mechanical Tee, U-bolt clamp, female NPT outlet	112X34-FP63LTF	14.00
1-1/2" by 1"	Mechanical Tee, U-bolt clamp, female NPT outlet	112X1-FP63LTF	14.00
2" by 1/2"	Mechanical Tee, U-bolt clamp, female NPT outlet	2X12-FP63LTF	15.00
2" by 3/4"	Mechanical Tee, U-bolt clamp, female NPT outlet	2X34-FP63LTF	15.00
2" by 1"	Mechanical Tee, U-bolt clamp, female NPT outlet	2X1-FP63LTF	15.00
2-1/2" by 1/2"	Mechanical Tee, U-bolt clamp, female NPT outlet	212X12-FP63LTF	16.00
2-1/2" by 3/4"	Mechanical Tee, U-bolt clamp, female NPT outlet	212X34-FP63LTF	16.00
2-1/2" by 1"	Mechanical Tee, U-bolt clamp, female NPT outlet	212X1-FP63LTF	16.00

## FP8 SERIES - GROOVED FLANGES



SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FP8 - GROOVED FLANGES</b>			
2"	Grooved split ring flange adapter	2-FP8	32.00
2-1/2"	Grooved split ring flange adapter	212-FP8	35.00
3"	Grooved split ring flange adapter	3-FP8	35.00
4"	Grooved split ring flange adapter	4-FP8	44.00
6"	Grooved split ring flange adapter	6-FP8	66.00
8"	Grooved split ring flange adapter	8-FP8	119.00
10"	Grooved split ring flange adapter	10-FP8	335.00

### APPLICATIONS

The Zurn FP8 Grooved Flanges are standard converters for connecting flanges to grooved or threaded pipes.

### FEATURES

- Sizes: 2", 2-1/2", 3", 4", 6", 8", 10"
- Maximum Pressure: 300 PSI

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

## FP51 SERIES - GROOVED REDUCERS



SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>FP51 - GROOVED REDUCERS</b>			
2-1/2" by 1"	Grooved x Grooved Concentric Reducer	2X1-FP51	14.00
2-1/2" by 1-1/4"	Grooved x Grooved Concentric Reducer	2X114-FP51	11.00
2-1/2" by 1-1/2"	Grooved x Grooved Concentric Reducer	2X112-FP51	14.00
2-1/2" by 1-1/2"	Grooved x Grooved Concentric Reducer	212X112-FP51	12.00
2-1/2" by 2"	Grooved x Grooved Concentric Reducer	212X2-FP51	12.00
3" by 2"	Grooved x Grooved Concentric Reducer	3X2-FP51	16.00
3" by 2-1/2"	Grooved x Grooved Concentric Reducer	3X212-FP51	16.00
4" by 2"	Grooved x Grooved Concentric Reducer	4X2-FP51	23.00
4" by 2-1/2"	Grooved x Grooved Concentric Reducer	4X212-FP51	21.00
4" by 2"	Grooved x Grooved Concentric Reducer	4X3-FP51	21.00
4" by 3"	Grooved x Grooved Concentric Reducer	6X2-FP51	42.00
6" by 2"	Grooved x Grooved Concentric Reducer	6X3-FP51	42.00
6" by 3"	Grooved x Grooved Concentric Reducer	6X4-FP51	42.00
6" by 4"	Grooved x Grooved Concentric Reducer	8X3-FP51	83.00
8" by 3"	Grooved x Grooved Concentric Reducer	8X4-FP51	83.00
8" by 4"	Grooved x Grooved Concentric Reducer	8X6-FP51	83.00
10" by 6"	Grooved x Grooved Concentric Reducer	10X6-FP51	350.00
10" by 8"	Grooved x Grooved Concentric Reducer	10X8-FP51	350.00

### APPLICATIONS

The Zurn FP51 Grooved Reducers connect pipes of different sizes.

### FEATURES

- Maximum Pressure: 2X - 4X 400 PSI, 6X - 10X 300 PSI
- Concentric grooved-grooved, grooved-male, and grooved-female options are available.
- Grooved-grooved reducers are also available for eccentric pipe alignment.

### APPROVALS AND APPLICABLE STANDARDS

UL® Listed, C-UL® Listed, FM® Approved

BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS

# NOTES

BACKFLOW  
PREVENTERS

BACKFLOW PREVENTERS  
ACCESSORIES

STRAINERS

AUTOMATIC  
CONTROL VALVES

PRESSURE  
REDUCING VALVES

FIRE  
PROTECTION VALVES

THERMOSTATIC  
MIXING VALVES

RELIEF VALVES

MISCELLANEOUS  
PLUMBING PRODUCTS

REPAIR KITS

# THERMOSTATIC MIXING VALVES

Zurn Wilkins thermostatic mixing valves protect users from scalding injuries while maintaining efficient temperatures to inhibit the growth of bacteria.

<b>ZW1017XL</b> – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1017 POINT OF SOURCE)	<b>110</b>
<b>ZW1017XLHT</b> – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1017 POINT OF SOURCE)	<b>111</b>
<b>ZW1070XL</b> – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1070 POINT OF USE)	<b>112</b>
<b>ZW3870XLT AND ZW3870XLT-4P</b> – THERMOSTATIC MIXING VALVE (ASSE 1070 POINT OF USE)	<b>113</b>
<b>THERMOSTATIC MIXING VALVES ACCESSORIES</b>	<b>114</b>
<b>TPKXL SERIES</b> – TAILPIECE KITS	<b>114</b>

## ZW1017XL – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1017 POINT OF SOURCE)



### APPLICATIONS

Designed to be used at the hot water source (residential and most light commercial installations) to mix hot and cold water in the distribution system.

### FEATURES

- 3/8" - 1"
- Flow Capacity - 18 GPM @ 45 psi pressure loss
- Outlet temperature range of 95° - 131°F
- Integral check valves and stainless steel strainers (no strainer in 38-ZW1017XLCOMP)
- Multiple tailpiece options provide installation flexibility

### APPROVALS AND APPLICABLE STANDARDS

- Certified to ASSE Standard 1017, CSA® Certified, IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

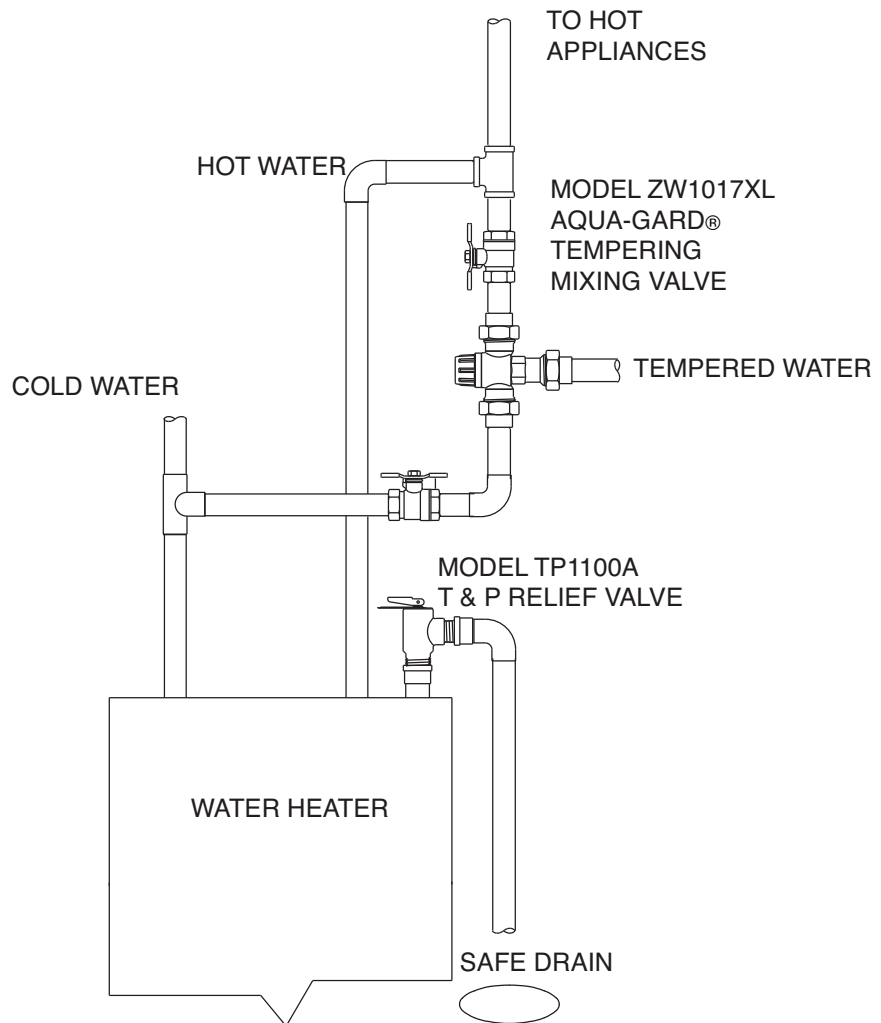
### TYPICAL INSTALLATION

WARNING: This device should never be installed at the point of use where the end user could change its setting. Point of use device must be of the ASSE 1070 variety. It is recommended that the ZW1017XL be installed with a shut-off valve and thermometer in the tempered water line to provide accurate and safe water mixing temperatures, to be used in conjunction with an ASSE 1070 device.

Systems distribution application. Not to be used at point of use.

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW1017XL-LU: LESS UNIONS AND TAILPIECES, ASSE 1017</b>			
	ZW1017XL valve less unions	ZW1017XL-LU	311.00
<b>ZW1017XL: SUPPLIED WITH THREE FNPT TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" FNPT, ASSE 1017	12-ZW1017XL	367.00
3/4"	3/4" FNPT, ASSE 1017	34-ZW1017XL	356.00
3/4"	3/4" FNPT, ASSE 1017, Less Internal Screens	34-ZW1017XL-LS	382.00
<b>ZW1017XL: SUPPLIED WITH THREE MNPT TAILPIECES AND UNION NUTS</b>			
3/4"	3/4" MNPT, ASSE 1017	34-ZW1017XLM	439.00
<b>ZW1017XLC: SUPPLIED WITH THREE FEMALE COPPER SWEAT TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" Female CU SWT, ASSE 1017	12-ZW1017XLC	389.00
3/4"	3/4" Female CU SWT, ASSE 1017	34-ZW1017XLC	357.00
1"	1" Female CU SWT, ASSE 1017	1-ZW1017XLC	391.00
<b>ZW1017XLCPVC: SUPPLIED WITH THREE FEMALE CPVC TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" CPVC, ASSE 1017	12-ZW1017XLCPVC	448.00
3/4"	3/4" CPVC, ASSE 1017	34-ZW1017XLCPVC	384.00
<b>ZW1017XLPEX: SUPPLIED WITH THREE MALE PEX TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" PEX, ASSE 1017	12-ZW1017XLPEX	356.00
3/4"	3/4" PEX, ASSE 1017	34-ZW1017XLPEX	356.00
<b>ZW1017XLCOMP: SUPPLIED WITH THREE 3/8" COMPRESSION TAILPIECES AND UNION NUTS</b>			
3/8"	3/8" Compression, ASSE 1017	38-ZW1017XLCOMP	428.00

### TYPICAL INSTALLATION



## ZW1017XLHT – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1017 POINT OF SOURCE)



### APPLICATIONS

Designed to be used at the hot water source with higher temperature applications (hydronic/radiant heating) to mix hot and cold water in the distribution system.

### FEATURES

- 3/8" - 1"
- Flow capacity - 18 GPM @ 45 psi pressure loss
- Outlet temperature range of 80° - 165°F
- Integral check valves and stainless steel strainers (no strainer in 38-ZW1017XLHTCOMP)
- Multiple tailpiece options provide installation flexibility

### APPROVALS AND APPLICABLE APPLICATIONS

- Certified to ASSE standard 1017, IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

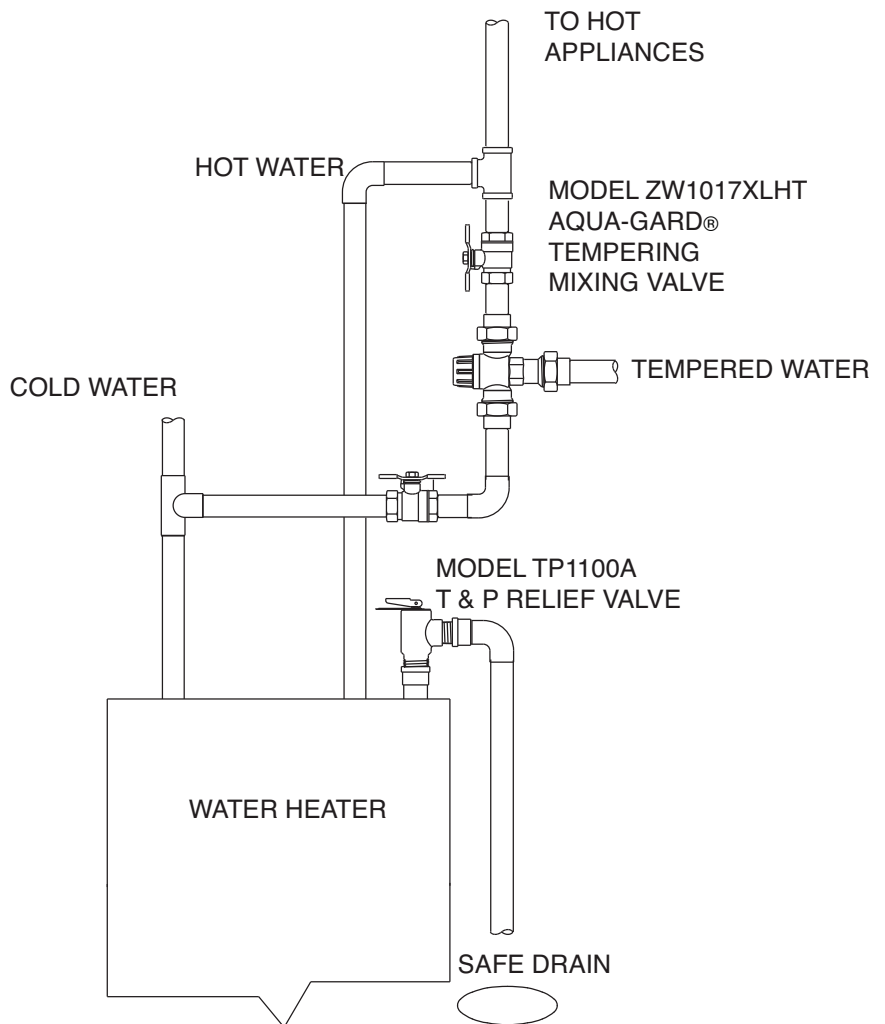
### TYPICAL INSTALLATION

**WARNING:** This device should never be installed at the point of use where the end user could change its setting. It is recommended that the ZW1017XLHT be installed with shut-off valve and thermometer in the tempered water line to provide accurate and safe water mixing temperature.

Radiant heat systems distribution application. Not to be used at point of use

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW1017XLHT-LU: LESS UNIONS AND TAILPIECES, ASSE 1017</b>			
	ZW1017XLHT valve less unions	ZW1017XLHT-LU	414.00
<b>ZW1017XLHT: SUPPLIED WITH THREE FNPT TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" FNPT, ASSE 1017	12-ZW1017XLHT	468.00
3/4"	3/4" FNPT, ASSE 1017	34-ZW1017XLHT	455.00
<b>ZW1017XLHTM: SUPPLIED WITH THREE MNPT TAILPIECES AND UNION NUTS</b>			
3/4"	3/4" MNPT, ASSE 1017	34-ZW1017XLHTM	517.00
<b>ZW1017XLHTC: SUPPLIED WITH THREE FEMALE COPPER SWEAT TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" Female CU SWT, ASSE 1017	12-ZW1017XLHTC	495.00
3/4"	3/4" Female CU SWT, ASSE 1017	34-ZW1017XLHTC	456.00
1"	1" Female CU SWT, ASSE 1017	1-ZW1017XLHTC	465.00
<b>ZW1017XLHTCPVC: SUPPLIED WITH THREE FEMALE CPVC TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" CPVC, ASSE 1017	12-ZW1017XLHTCPVC	455.00
3/4"	3/4" CPVC, ASSE 1017	34-ZW1017XLHTCPVC	455.00
<b>ZW1017XLHTPEX: SUPPLIED WITH THREE MALE PEX TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" PEX, ASSE 1017	12-ZW1017XLHTPEX	455.00
3/4"	3/4" PEX, ASSE 1017	34-ZW1017XLHTPEX	455.00
<b>ZW1017XLHTCOMP: SUPPLIED WITH THREE 3/8" COMPRESSION TAILPIECES AND UNION NUTS</b>			
3/8"	3/8" Compression, ASSE 1017	38-ZW1017XLHTCOMP	504.00

### TYPICAL INSTALLATION





## ZW1070XL – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1070 POINT OF USE)



### APPLICATIONS

Designed to be installed at the point of use (residential and most light commercial installations) to mix hot and cold water from the distribution system to a final safer temperature.

### FEATURES

- 3/8" - 1"
- Flow capacity - 10 GPM @ 45 psi pressure loss
- Final safe temperature range of 95° - 115°F
- Set temp accuracy ±3°F
- Minimum Flow Rate: 0.35 GPM
- Integral check valves and stainless steel strainers (no strainer in 38-ZW1070XLCOMP)
- Rough chrome plated
- Multiple tailpiece options provide installation flexibility

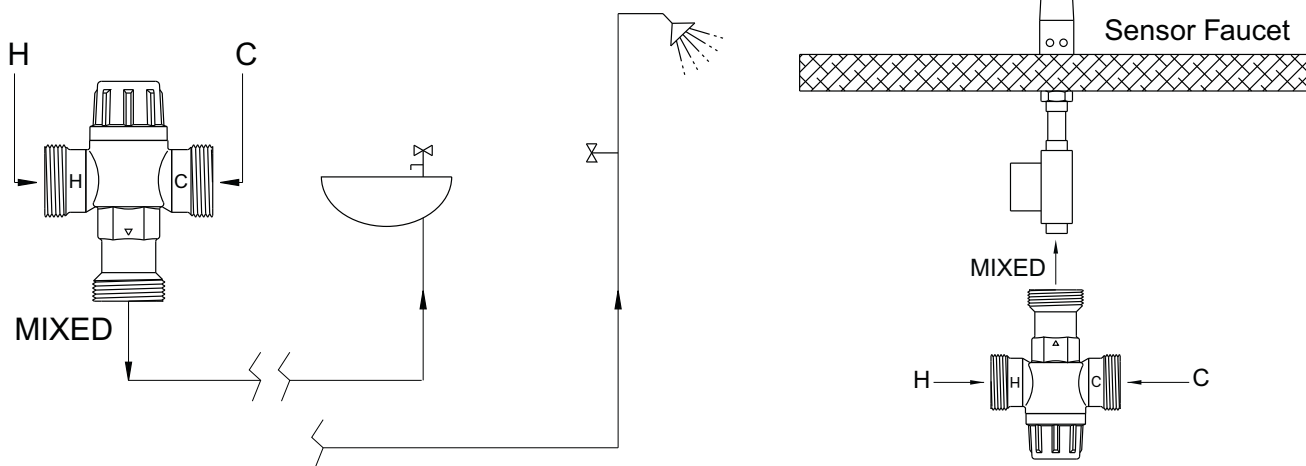
### APPROVALS AND APPLICABLE APPLICATIONS

- ASSE® Listed 1070, CSA® Certified, IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

### TYPICAL INSTALLATION

The device is designed to be installed at a single outlet. It may be used to supply multiple individual outlets when there is sufficient supply pressure. It is suggested to use ball valves on the hot and cold inlet supplies.

### TYPICAL INSTALLATION



SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW1070XL-LU: LESS UNIONS AND TAILPIECES, ASSE 1070</b>			
	ZW1070XL valve less unions	ZW1070XL-LU	341.00
<b>ZW1070XL: SUPPLIED WITH THREE FNPT TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" FNPT, ASSE 1070	12-ZW1070XL	415.00
3/4"	3/4" FNPT, ASSE 1070	34-ZW1070XL	386.00
<b>ZW1070XLM: SUPPLIED WITH THREE MNPT TAILPIECES AND UNION NUTS</b>			
3/4"	3/4" MNPT, ASSE 1070	34-ZW1070XLM	470.00
<b>ZW1070XLC: SUPPLIED WITH THREE FEMALE COPPER SWEAT TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" Female CU SWT, ASSE 1070	12-ZW1070XLC	440.00
3/4"	3/4" Female CU SWT, ASSE 1070	34-ZW1070XLC	387.00
1"	1" Female CU SWT, ASSE 1070	1-ZW1070XLC	423.00
<b>ZW1070XLCPVC: SUPPLIED WITH THREE FEMALE CPVC TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" CPVC, ASSE 1070	12-ZW1070XLCPVC	430.00
3/4"	3/4" CPVC, ASSE 1070	34-ZW1070XLCPVC	416.00
<b>ZW1070XLPEX: SUPPLIED WITH THREE MALE PEX TAILPIECES AND UNION NUTS</b>			
1/2"	1/2" PEX, ASSE 1070	12-ZW1070XLPEX	415.00
3/4"	3/4" PEX, ASSE 1070	34-ZW1070XLPEX	416.00
<b>ZW1070XLCOMP: SUPPLIED WITH THREE COMPRESSION TAILPIECES AND UNION NUTS</b>			
3/8"	3/8" Compression, ASSE 1070	38-ZW1070XLCOMP	426.00

## ZW3870XLT AND ZW3870XLT-4P – THERMOSTATIC MIXING VALVE (ASSE 1070 POINT OF USE)



SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZW3870XLT</b>			
3/8"	3/8" Compression, ASSE 1070, 3 Port	38-ZW3870XLT	216.00
3/8"	3/8" Compression, ASSE 1070, 4 Port	38-ZW3870XLT-4P	242.00

### APPLICATIONS

Designed to be installed with 3/8" point of use applications (residential and light commercial installations) to mix hot and cold water from the distribution system to a final safer temperature.

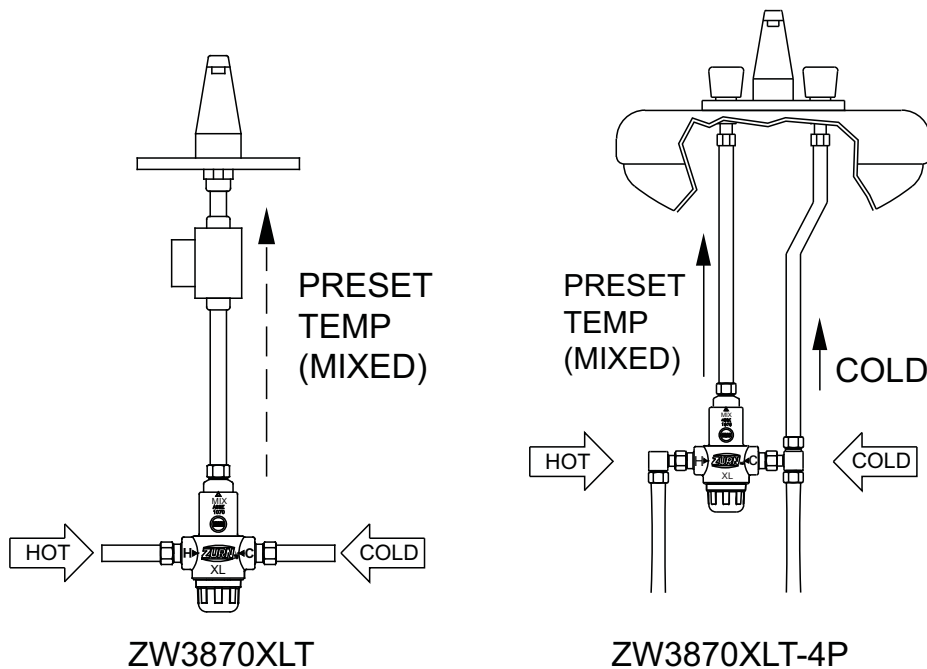
### FEATURES

- 3/8" Compression
- Flow rate - 3.10 GPM @ 45 psi pressure loss
- Outlet temperature range: 95 - 115°F (35 - 46°C)
- Set temperature accuracy: ±3°F (1.78°C)
- Minimum flow rate: 0.25 GPM
- -4P option allows cold water bypass for dual handle sinks
- Integral check valves
- Includes wall clamp

### APPROVALS AND APPLICABLE STANDARDS

- Certified to ASSE 1070, CSA® Certified, IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

### TYPICAL INSTALLATION



# THERMOSTATIC MIXING VALVES ACCESSORIES

## TPKXL SERIES – TAILPIECE KITS



### APPLICATIONS

Designed for connection in different types of plumbing systems, to install pressure reducing valves (regulators) and thermostatic mixing valves. Available in a variety of sizes and end connections.

### FEATURES

- 3/8" - 1"
- Configurations include male NPT, female NPT, female copper sweat, male copper sweat, PEX barb, CPVC, compression, Z-Bite™ push type, Z-Press™ press type, and extended retrofit options
- Cast brass union nut
- EPDM gasket

### ACCESSORIES

- TMV-3 – CBNP Wall Access Cover

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>TPKXL: NPT CONNECTIONS</b>			
1/2" x 3/4"	1/2" Female NPT x 3/4" Union	12X34-TPKXL	23.00
3/4"	Female NPT Union	34-TPKXL	20.00
3/4"	Male NPT Union	34-TPKXLM	39.00
<b>TPKXLS: NPT CONNECTIONS WITH STAINLESS STEEL STRAINER</b>			
1/2" x 3/4"	1/2" Female NPT x 3/4" Union, SS Strainer	12X34-TPKXLS	26.00
3/4"	Female NPT Union, SS Strainer	34-TPKXLS	22.00
3/4"	Male NPT Union, SS Strainer	34-TPKXLSMS	42.00
<b>TPKXLC: COPPER SWEAT CONNECTIONS</b>			
1/2" x 3/4"	1/2" Female CU SWT x 3/4" Union	12X34-TPKXLC	31.00
3/4"	Female CU SWT Union	34-TPKXLC	22.00
1" x 3/4"	1" Female CU SWT x 3/4" Union	1X34-TPKXLC	30.00
<b>TPKXCLS: COPPER SWEAT CONNECTIONS WITH STAINLESS STEEL STRAINER</b>			
1/2" x 3/4"	1/2" Female CU SWT x 3/4" Union, SS Strainer	12X34-TPKXCLS	34.00
3/4"	Female CU SWT Union, SS Strainer	34-TPKXCLS	22.00
1" x 3/4"	1" Female CU SWT x 3/4" Union, SS Strainer	1X34-TPKXCLS	30.00
<b>TPKCPVC: CPVC CONNECTIONS</b>			
1/2" x 3/4"	1/2" CPVC, 3/4" Union	12X34-TPKCPVC	28.00
3/4"	CPVC Union	34-TPKCPVC	17.00
<b>TPKCPVCS: CPVC CONNECTIONS WITH STAINLESS STEEL STRAINER</b>			
1/2" x 3/4"	1/2" CPVC x 3/4" Union, SS Strainer	12X34-TPKCPVCS	30.00
3/4"	CPVC Union, SS Strainer	34-TPKCPVCS	19.00
<b>TPKXLPX: PEX UNION TAILPIECE KIT</b>			
1/2" x 3/4"	1/2" PEX x 3/4" Union	12X34-TPKXLPX	23.00
3/4"	PEX Union	34-TPKXLPX	20.00
<b>TPKXLCOMP: COMPRESSION UNION TAILPIECE KIT</b>			
3/8" x 3/4"	3/8" Compression x 3/4" Union	38X34-TPKXLCOMP	31.00
<b>TPKXLPF: Z-BITE™ PUSH-TYPE SOLDERLESS TAILPIECE KIT</b>			
1/2" x 3/4"	1/2" Push Fitting x 3/4" Union	12X34-TPKXLPF	26.00
1/2" x 3/4"	1/2" Push Fitting x 3/4" Union, SS Screen	12X34-TPKXLPFS	35.00
3/4"	3/4" Push Fitting x Union	34-TPKXLPF	34.00
<b>TPKXLPR: Z-PRESS™ PRESS-TYPE SOLDERLESS TAILPIECE KIT</b>			
3/4"	3/4" Press Fitting x Union	34-TPKXLPR	31.00
<b>MISC. OPTIONS</b>			
3/8"	Thermostatic Mixing Valve 3/8" Compression 4 Port Elbow Tee Kit	ZW3870XLT-4P-KIT	73.00

# RELIEF VALVES

Protecting sensitive equipment from over-pressurizing and high temperatures is accomplished with relief valves. The Zurn Wilkins pressure and temperature, and pressure relief valves are the perfect choice against excessive line pressure and high temperatures.

<b>TP1100A SERIES</b> – RESIDENTIAL TEMPERATURE AND PRESSURE VALVE	<b>116</b>
<b>TP220 SERIES</b> – COMMERCIAL TEMPERATURE AND PRESSURE VALVE	<b>116</b>
<b>TP3000 SERIES</b> – COMMERCIAL TEMPERATURE AND PRESSURE VALVE	<b>117</b>
<b>P1000AXL SERIES</b> – PRESSURE RELIEF VALVE	<b>118</b>
<b>P1500XL SERIES</b> – CALIBRATED PRESSURE RELIEF VALVE	<b>118</b>
<b>P1550XL SERIES</b> – THERMAL EXPANSION PRESSURE RELIEF VALVE	<b>119</b>

## TP1100A SERIES – RESIDENTIAL TEMPERATURE AND PRESSURE VALVE



### APPROVALS AND APPLICABLE STANDARDS

- CSA Compliance to ANSI Z21.22/CSA 4.4
- Certified to ASME Section IV by National Board

### ACCESSORIES

- Expansion tank (Model XT)
- Water pressure reducing valve (Model NR3XL)
- Vacuum relief valve (Model VR10XL)
- Expansion control ball valves (Model BVECL)

### TYPICAL INSTALLATION

For Installation Drawing Please See Page Number 117

### APPLICATIONS

Designed for installation on residential water heaters to protect against over-temperature or excessive pressure.

### FEATURES

- 3/4"
- Relieving pressure 150 psi, also available in 75 and 125 psi
- Relieving temperature 210°F
- Exposed probe is protected with an electrostatic epoxy coating
- Male NPT inlet, female NPT outlet

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>TP1100A: MNPT X FNPT</b>			
3/4"	2" Probe, Set at 150	TP1100A-2C-150C	41.00
3/4"	4" Probe, Set at 75	TP1100A-4C-75C	41.00
3/4"	4" Probe, Set at 125	TP1100A-4C-125C	41.00
3/4"	4" Probe, Set at 150	TP1100A-4C-150C	37.00
3/4"	8" Probe, Set at 150	TP1100A-8C-150C	49.00
<b>TP1100AE: MNPT X FNPT, EXTENDED SHANK</b>			
3/4"	3" Probe, Set at 150	TP1100AE-3C-150C	39.00
<b>TP1100AEE: MNPT X FNPT, EXTRA EXTENDED SHANK</b>			
3/4"	3" Probe, Set at 150	TP1100AEE-3C-150C	106.00

## TP220 SERIES – COMMERCIAL TEMPERATURE AND PRESSURE VALVE



### APPROVAL AND APPLICABLE STANDARDS

- CSA Compliance to ANSI Z21.22/CSA 4.4
- Certified to ASME Section IV by National Board

### ACCESSORIES

- Expansion tank (Model WXTP or XT)
- Water pressure reducing valve (Model NR3XL)
- Vacuum relief valve (Model VR10XL)
- Expansion control ball valves (Model BVECL)

### TYPICAL INSTALLATION

For Installation Drawing Please See Page Number 117

### APPLICATIONS

Designed for installation on commercial water heaters to protect against over-temperature or excessive pressure.

### FEATURES

- 3/4"
- Relieving pressure 150 psi, also available in 125 psi
- Relieving temperature 210°F
- Probe is protected with an electrostatic epoxy coating
- Available with male NPT inlet (male standard)
- Female NPT outlet

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>TP220: MNPT X FNPT</b>			
3/4"	5" Probe, Set at 125	TP220-5C-125C	308.00
3/4"	5" Probe, Set at 150	TP220-5C-150C	280.00
3/4"	8" Probe, Set at 150	TP220-8C-150C	310.00

# TP3000 SERIES – COMMERCIAL TEMPERATURE AND PRESSURE VALVE



## APPROVALS AND APPLICABLE STANDARDS

- CSA Compliance to ANSI Z21.22/CSA 4.4
- Certified to ASME Section IV by National Board

## ACCESSORIES

- Expansion tank (Model WXTP)
- Water pressure reducing valve (Model NR3XL)
- Vacuum relief valve (Model VR10XL)
- Expansion control ball valves (Model BVECLX)

## TYPICAL INSTALLATION

For Installation Drawing Please See Below

## APPLICATIONS

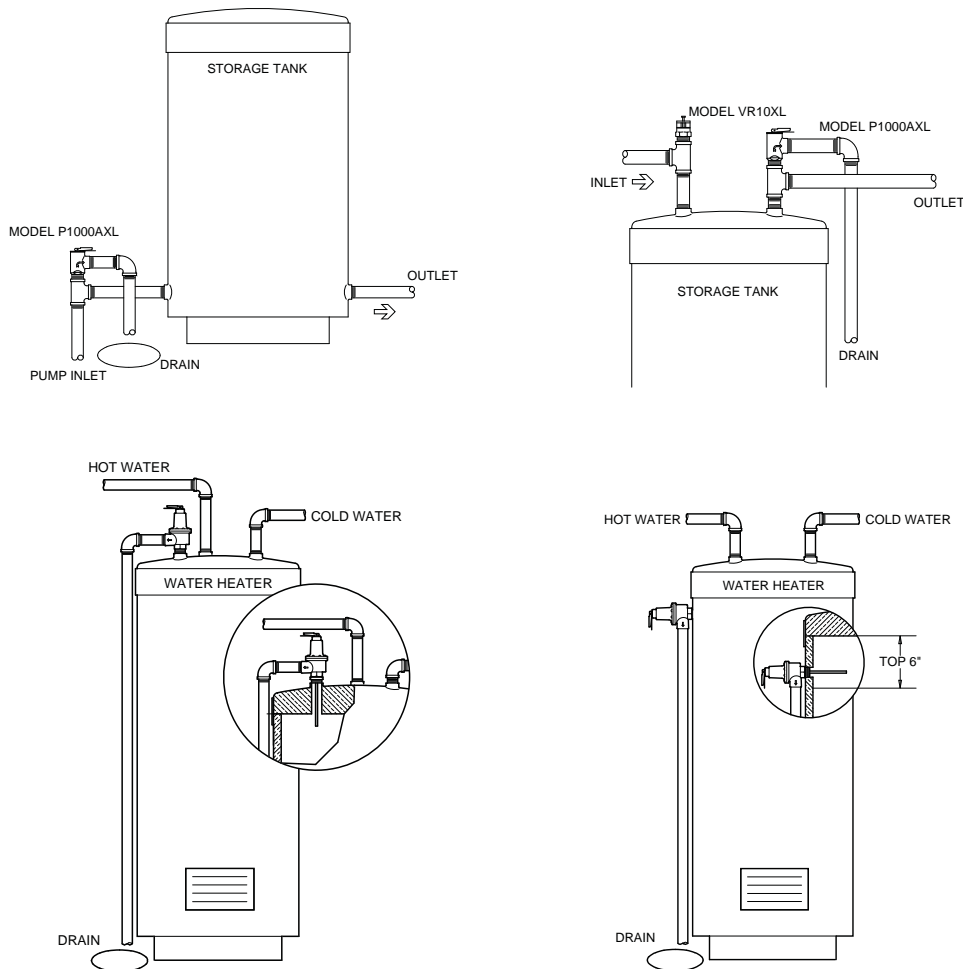
Designed for installation on commercial water heaters to protect against over-temperature or excessive pressure.

## FEATURES

- 1"
- Relieving pressure 150 psi (standard), available in 75, 100, and 125 psi
- Relieving temperature 210°F
- Probe is protected with an electrostatic epoxy coating
- Female NPT inlet and outlet

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>TP3000: FNPT X FNPT</b>			
1"	5" Probe, Set at 75	TP3000-5C-75C	429.00
1"	5" Probe, Set at 100	TP3000-5C-100C	429.00
1"	5" Probe, Set at 125	TP3000-5C-125C	390.00
1"	5" Probe, Set at 150	TP3000-5C-150C	390.00
1"	8" Probe, Set at 125	TP3000-8C-125C	431.00
1"	8" Probe, Set at 150	TP3000-8C-150C	431.00

## TP1000A/TP220/TP3000/P1000AXL/P3000CI SERIES -- TYPICAL INSTALLATION DRAWING



For additional product information, please visit [www.zurn.com](http://www.zurn.com).

## P1000AXL SERIES – PRESSURE RELIEF VALVE



### APPROVALS AND APPLICABLE STANDARDS

- CSA Compliance to ANSI Z21.22/CSA 4.4
- Certified to ASME Section IV by National Board

### ACCESSORIES

- Expansion tank (Model WXTP & XT)
- Water pressure reducing valve (Model NR3XL)
- Vacuum relief valve (Model VR10XL)
- Expansion control ball valves (Model BVECLX)

### TYPICAL INSTALLATION

For Installation Drawing Please See Page Number 117

### APPLICATIONS

Designed for installation on potable water systems and storage tanks to protect against excessive pressure.

### FEATURES

- 3/4"
- Available in 30, 75, 125, and 150 psi settings (150 psi standard)
- Male NPT inlet, female NPT outlet

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>P1000AXL: MNPT X FNPT</b>			
3/4"	Set at 30	P1000AXL-30C	36.00
3/4"	Set at 75	P1000AXL-75C	40.00
3/4"	Set at 125	P1000AXL-125C	36.00
3/4"	Set at 150	P1000AXL-150C	36.00

## P1500XL SERIES – CALIBRATED PRESSURE RELIEF VALVE



SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>P1500XL: CALIBRATED PRESSURE RELIEF VALVE</b>			
1/2"	MNPT 1/2" x FNPT 1/2"	12-P1500XL	115.00
3/4"	MNPT 3/4" x FNPT 1/2"	34-P1500XL	120.00

### TYPICAL INSTALLATION

### APPLICATIONS

Designed for installation on cold water service lines as a means of protection against excessive pressure buildup. These devices are for pressure only and should be used in conjunction with other temperature limiting devices. Also suitable for static relief, low capacity pump relief, passive solar, thermal expansion relief and other similar uses in commercial and industrial applications.

### FEATURES

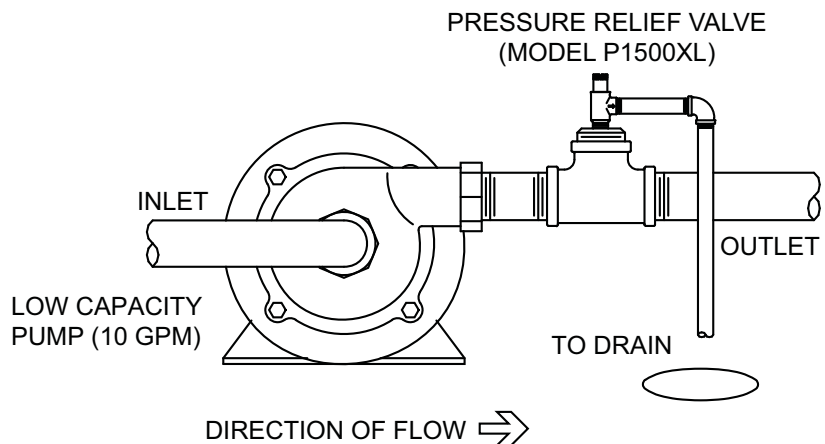
- 1/2", 3/4"
- Calibrated adjustments from 25 to 175 psi
- All bronze body
- Scale permanently etched on stem
- Male NPT inlet, female NPT outlet

### APPROVALS AND APPLICABLE STANDARDS

- Certified to NSF/ANSI 372

### ACCESSORIES

- Water Pressure Reducing Valve (Model NR3XL)
- Vacuum Relief Valve (Model VR10XL)



## P1550XL SERIES – THERMAL EXPANSION PRESSURE RELIEF VALVE



### APPLICATIONS

Designed for installation on cold water service lines as a means of protection against excessive pressure buildup. These devices are for pressure only and should be used in conjunction with other temperature limiting devices. Also suitable for static relief, low capacity pump relief, passive solar, thermal expansion relief and other similar uses in commercial and industrial applications.

### FEATURES

- 1/2", 3/4"
- For pressure relief only
- Pressure settings 75 or 125 psi
- Male NPT inlet, female NPT outlet

### APPROVALS AND APPLICABLE STANDARDS

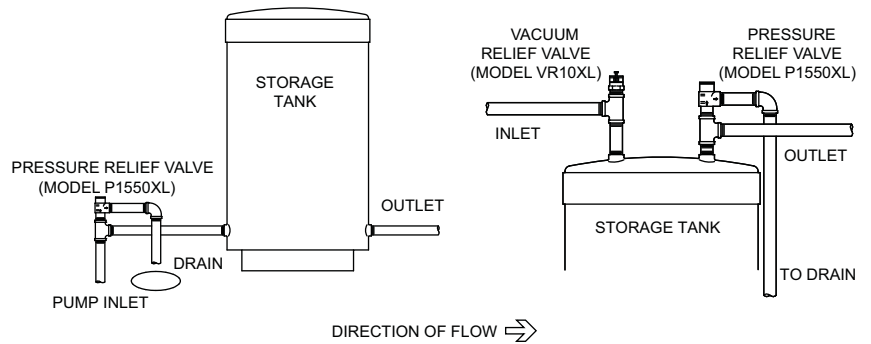
- Certified to NSF/ANSI 372

### ACCESSORIES

- Water pressure reducing valve (Model NR3XL)
- Vacuum relief valve (Model VR10XL)

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>P1550XL: THERMAL EXPANSION PRESSURE RELIEF VALVE</b>			
1/2"	MNPT 1/2" x FNPT 1/2", Set at 75	12-P1550XL-75	59.00
1/2"	MNPT 1/2" x FNPT 1/2", Set at 125	12-P1550XL-125	53.00
3/4"	MNPT 3/4" x FNPT 1/2", Set at 75	34-P1550XL-75	68.00
3/4"	MNPT 3/4" x FNPT 1/2", Set at 125	34-P1550XL-125	68.00

### TYPICAL INSTALLATION



BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS



# NOTES

BACKFLOW  
PREVENTERS

BACKFLOW PREVENTERS  
ACCESSORIES

STRAINERS

AUTOMATIC  
CONTROL VALVES

PRESSURE  
REDUCING VALVES

FIRE  
PROTECTION VALVES

THERMOSTATIC  
MIXING VALVES

RELIEF VALVES

MISCELLANEOUS  
PLUMBING PRODUCTS

REPAIR KITS

# MISCELLANEOUS PLUMBING PRODUCTS

Zurn Wilkins offers a variety of plumbing accessories, such as thermal expansion tanks and water hammer arresters to ensure a complete plumbing system solution.

<b>ZCSM-RP</b> – CONNECTED REMOTE PRESSURE MONITOR	<b>122</b>
<b>GATEWAY</b>	<b>122</b>
<b>XT SERIES</b> – POTABLE WATER EXPANSION TANK	<b>123</b>
<b>WXTP SERIES</b> – POTABLE WATER EXPANSION TANK	<b>123</b>
<b>WTTA SERIES</b> – ASME THERMAL EXPANSION TANK	<b>124</b>
<b>HXT SERIES</b> – HYDRONIC EXPANSION TANK	<b>124</b>
<b>BVECXL SERIES</b> – WATER HEATER SHUT-OFF VALVE WITH INTEGRAL THERMAL EXPANSION RELIEF VALVE	<b>125</b>
<b>1260XL SERIES</b> – WATER HAMMER ARRESTERS	<b>126</b>
<b>25 SERIES</b> – PRESSURE GAUGE	<b>126</b>
<b>VR10XL SERIES</b> – VACUUM RELIEF VALVE	<b>127</b>
<b>DUXL/DUXLC SERIES</b> – DIELECTRIC UNIONS	<b>128</b>



**APPROVALS AND APPLICABLE SPECIFICATIONS**

Meets the requirements of NSF/ANSI 61

**IMPORTANT**

The ZCSM-RP Connected Remote Pressure Monitor must have one Zurn Gateway installed within a 1,000 ft radius. Communicates via Ethernet or LTE.

**TYPICAL INSTALLATION**

**IMPORTANT:** The ZCSM-RP Connected Remote Pressure Monitor should be installed indoors in a dry location. Outdoor installations, direct sunlight, or high humidity may affect the life of the product. Avoid installing the device where the device or cables may extend into walkways or present a tripping hazard. The Connected Remote Pressure Monitor can be installed on any existing test port in your plumbing system. Flush all dirt and debris from the system connection before installation. Wrench on the brass fittings to install. Bleed air from system, if applicable.

**APPLICATIONS**

Zurn Connected Pressure Monitors transmit data 24/7 to the Zurn plumbSMART™ web portal and mobile app. Proactively monitor your plumbing system water pressure, receive real-time alerts for preset high and low pressure parameters, and access system data for trends and predictive maintenance anytime and anywhere. Designed for use and installation anywhere in your plumbing system to continually monitor system water pressure. Plug into existing test ports or tie directly into pipes. Installation is simple and flexible to meet your needs.

**FEATURES**

- Maximum working water pressure of 200 PSI
- End connection: 1/4" male NPT (ANSI/ASME B1.20.1)
- Bleed valve: 1/4" female NPT (ANSI/ASME B1.20.1)
- 1/2" x 1/4" NPT bushing
- 3/4" x 1/2" NPT bushing
- AC wall adapter with 6 foot power cord
- Easily installs and can tie into pipes with t-fittings or can take pressure reads from existing test ports
- Receive real-time alerts based on your customized high- or low-pressure warnings and alerts
- Monitor pressure anywhere and know your water pressure at any location in your building
- Choose the floor, room and/or product you would like to monitor and install in sensitive areas where consistent pressure is important
- Gain valuable insights and view historical low, average and high pressures
- Establish trends, identify pressure issues and use advanced analytics to optimize system performance
- Connect multiple remote pressure monitors to read pressure throughout your building

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>ZCSM-RP: CONNECTED REMOTE PRESSURE MONITOR</b>		
1/4", 1/2", 3/4"	ZCSM-RP	1,081.00

**GATEWAY**

DESCRIPTION	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
Ethernet Gateway	ZGW-LORA-W1-ETH	358.75
LTE Cellular Gateway	ZGW-LORA-W1-LTE	358.75

## XT SERIES – POTABLE WATER EXPANSION TANK

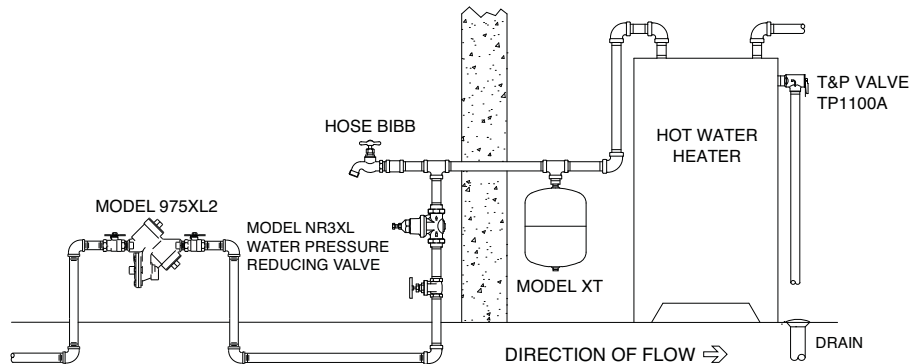


### APPROVALS AND APPLICABLE STANDARDS

- IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

SIZE (GAL)	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>XT: POTABLE WATER EXPANSION TANK, 3/4" MNPT</b>		
2.1	XT-8	140.00
4.8	XT-18	206.00
9.0	XT-35	485.00

### TYPICAL INSTALLATION



### APPLICATIONS

Designed for installation on potable water lines between the backflow preventer or pressure reducing valve and the water heater to protect against water thermal expansion.

### FEATURES

- 2.1 gal. – 9.0 gal.
- 80 psi max supply pressure, factory air pre-charge – 40 psi
- 200°F max
- Diaphragm type expansion tank for water heaters
- Polypropylene lined water chamber

## WXTP SERIES – POTABLE WATER EXPANSION TANK

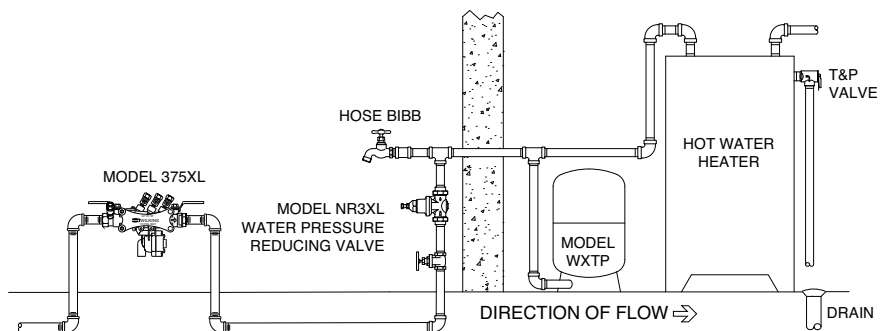


### APPROVALS AND APPLICABLE STANDARDS

- IAPMO® Listed
- Certified to NSF/ANSI 61 and 372

SIZE (GAL)	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>WXTP: POTABLE WATER EXPANSION TANK, 1" FNPT</b>		
14	WXTP-50V	754.00
20	WXTP-75V	833.00
32	WXTP-120V	1,155.00
<b>WXTP: POTABLE WATER EXPANSION TANK, 1 1/4" FNPT</b>		
44	WXTP-165V	1,520.00
85	WXTP-320V	2,090.00

### TYPICAL INSTALLATION



### APPLICATIONS

Designed for installation on potable water lines between the backflow preventer or pressure reducing valve and the water heater to protect against water thermal expansion.

### FEATURES

- 14 gal. – 85 gal.
- 80 psi max supply pressure, factory air pre-charge – 40 psi
- 200°F max
- Bladder type expansion tank for water heaters
- Free standing base mounted
- 5 year warranty

## WTTA SERIES – ASME THERMAL EXPANSION TANK



### APPLICATIONS

Designed for installation on hot water systems to protect against thermal expansion.

### FEATURES

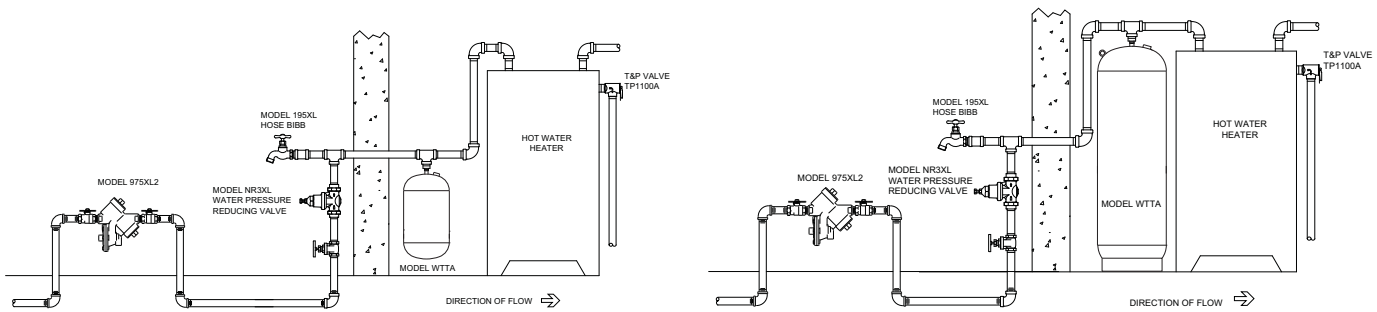
- 3.5 gal. – 90.0 gal.
- 80 psi max supply pressure, factory air pre-charge – 40 psi
- 240°F max
- Fixed bladder type for commercial and industrial applications

### APPROVALS AND APPLICABLE STANDARDS

- ASME Section VIII

SIZE (GAL)	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>WTTA: ASME THERMAL EXPANSION TANK, 3/4" FNPT</b>		
3.5	WTTA-5	2,942.00
5.0	WTTA-12	3,386.00
8.0	WTTA-20	3,764.00
<b>WTTA: ASME THERMAL EXPANSION TANK, 1" FNPT</b>		
15.0	WTTA-30	4,246.00
22.0	WTTA-42	4,533.00
26.0	WTTA-60	5,957.00
35.0	WTTA-80	6,320.00
45.0	WTTA-100	7,148.00
60.0	WTTA-125	7,979.00
<b>WTTA: ASME THERMAL EXPANSION TANK, 1 1/2" FNPT</b>		
70.0	WTTA-160	8,805.00
80.0	WTTA-180	9,632.00
90.0	WTTA-210	10,111.00

### TYPICAL INSTALLATION

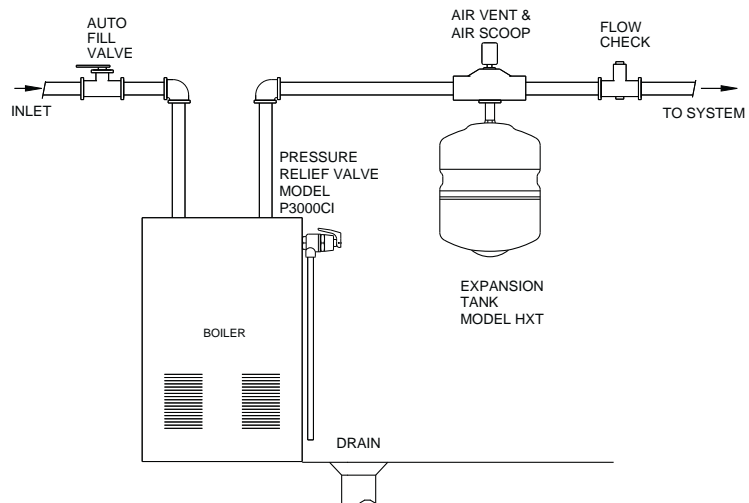


## HXT SERIES – HYDRONIC EXPANSION TANK



SIZE (GAL)	LEAD-FREE EXEMPT PART NUMBER	LEAD-FREE EXEMPT LIST PRICE EA.
<b>HXT: HYDRONIC EXPANSION TANK, 1/2" MNPT</b>		
2.1	HXT-15	179.00
5.0	HXT-30	262.00
6.5	HXT-60	506.00
<b>HXT: HYDRONIC EXPANSION TANK, 1/2" MNPT</b>		
13.5	HXT-90	805.00

### TYPICAL INSTALLATION



### APPLICATIONS

Designed for installation on residential and commercial hydronic heating and cooling systems as a means of pressure control due to thermal expansion.

### FEATURES

- 2.1 gal. – 13.5 gal.
- 150 psi max, factory air pre-charge – 12 psi
- 210°F max

## BVECXL SERIES – WATER HEATER SHUT-OFF VALVE WITH INTEGRAL THERMAL EXPANSION RELIEF VALVE



SIZE	CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>BVECXL: FNPT INLET AND OUTLET CONNECTIONS</b>			
3/4"	3/4" FNPT x 3/4" FNPT, 3/8" Hose Barb Drain, 125 psi	34-BVECXL-125BF	183.00
3/4"	3/4" FNPT x 3/4" FNPT, 3/8" Compression Drain, 125 psi	34-BVECXL-125CF	183.00
3/4"	3/4" FNPT x 3/4" FNPT, 1/2" PEX Drain, 125 psi	34-BVECXL-125-PEX	183.00
<b>BVECXLC: COPPER SWEAT INLET AND OUTLET CONNECTIONS</b>			
3/4"	3/4" FCU SWT x 3/4" FCU SWT, 3/8" Hose Barb Drain, 125 psi	34-BVECXLC-125BF	183.00
3/4"	3/4" FCU SWT x 3/4" FCU SWT, 3/8" Compression Drain, 125 psi	34-BVECXLC-125CF	183.00
<b>BVECXLPEX: PEX INLET AND OUTLET CONNECTIONS</b>			
3/4"	3/4" PEX x 3/4" PEX, 3/8" Hose Barb Drain, 125 psi	34-BVECXLPEX-125BF	183.00
3/4"	3/4" PEX x 3/4" PEX, 1/2" PEX Drain, 125 psi	34-BVECXLPEX-125-PEX	183.00

### APPLICATIONS

The Zurn Wilkins BVECXL series was designed to solve the need for a water heater shut-off and thermal expansion control relief valve in a single unit.

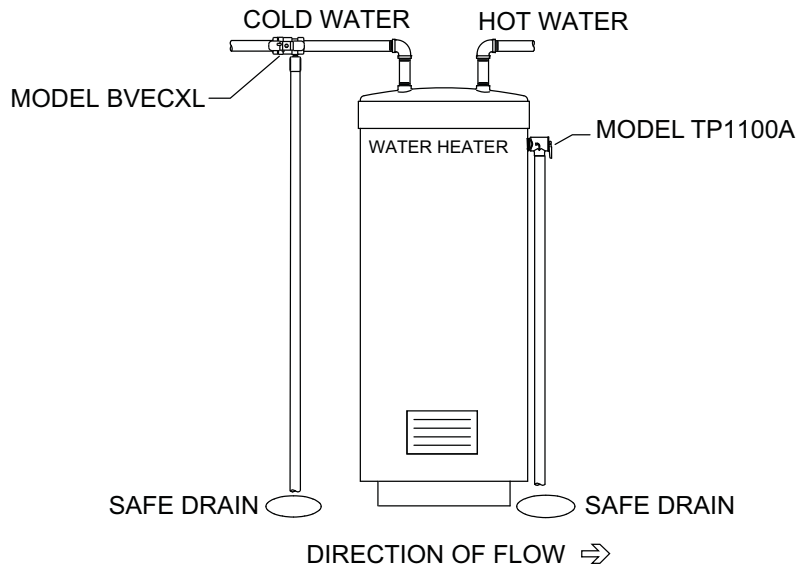
### FEATURES

- Available in 3/4" with 3/8" or 1/2" drain line connections (refer to price list)
- 210°F max
- Relief valve settings of 80, 100, and 125 psi

### APPROVALS AND APPLICABLE STANDARDS

- IAPMO® Listed
- Certified to NSF/ANSI 372

### TYPICAL INSTALLATION



BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS

## 1260XL SERIES – WATER HAMMER ARRESTERS



CONNECTION SIZE	CAPACITY	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>1260XL: MNPT</b>			
1/2"	PDI Size A	1260XL-A	75.00
3/4"	PDI Size B	1260XL-B	105.00
1"	PDI Size C	1260XL-C	231.00
1"	PDI Size D	1260XL-D	296.00
1"	PDI Size E	1260XL-E	424.00
1"	PDI Size F	1260XL-F	666.00

### APPLICATIONS

Designed to protect residential, commercial and industrial water lines against over-pressure during surges following quick valve closure.

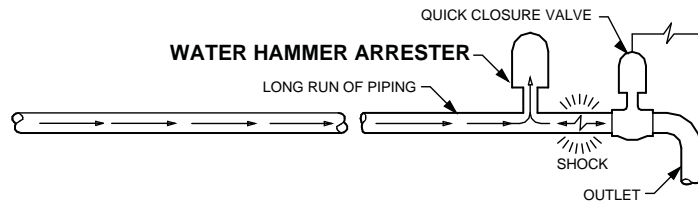
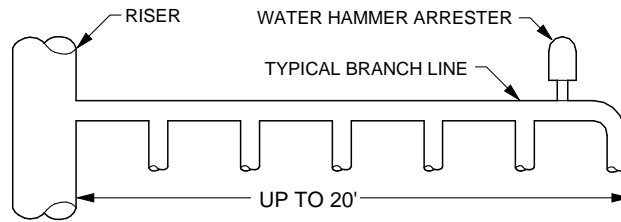
### FEATURES

- Capacities A - F
- 200 psi max static pressure
- 212°F max
- Compact design allows installation in 2 x 4 wall cavities

### APPROVALS AND APPLICABLE STANDARDS

- ASSE® Listed 1010, ANSI A112.26.1
- Certified to NSF/ANSI 372

### TYPICAL INSTALLATION



## 25 SERIES – PRESSURE GAUGE

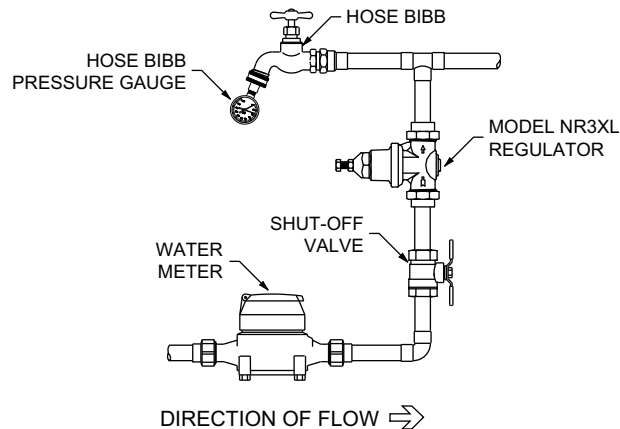


SIZE	CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>25 SERIES: PRESSURE GAUGE</b>			
1/8"	Pressure Gauge, 2" Dial, 0-100 psi, 1/8" MNPT	92-25A	67.00
1/4"	Pressure Gauge, 2" Dial, 0-100 psi, 1/4" MNPT	92-25	67.00
3/4"	Pressure Gauge, 2" Dial, 0 - 200psi, 3/4" Female Hose Bibb	HGI-25	58.00
1/4"	Pressure Gauge, 2-1/2" Dial, 0 - 300psi, 1/4" MNPT	2004-25-300	82.00
1/4"	Pressure Gauge, 3 1/2" Dial, 0 - 300psi, 1/4" MNPT	2010-25-300	100.00
1/4"	Pressure Gauge, UL/FM Listed, 3 1/2" Dial, 0 - 300psi, 1/4" MNPT	2005-25UL	262.00
1/8"	Pressure Gauge, Liquid Filled, 2-1/2" Dial, 0 - 300psi, 1/8" MNPT	2006-25LBP-300	178.00
1/4"	Pressure Gauge, Liquid Filled, 2-1/2" Dial, 0 - 300psi, 1/4" MNPT	2004-25L-300	307.00

### APPLICATIONS

The Zurn Wilkins HGI-25 is designed to measure the water pressure in a plumbing system.

### TYPICAL INSTALLATION



## VR10XL SERIES – VACUUM RELIEF VALVE



### APPLICATIONS

Designed for commercial and residential water lines to protect water supply systems and pressure vessels against internal vacuum conditions that could drain a system by siphonage and possibly damage heating element or collapse storage tanks.

### FEATURES

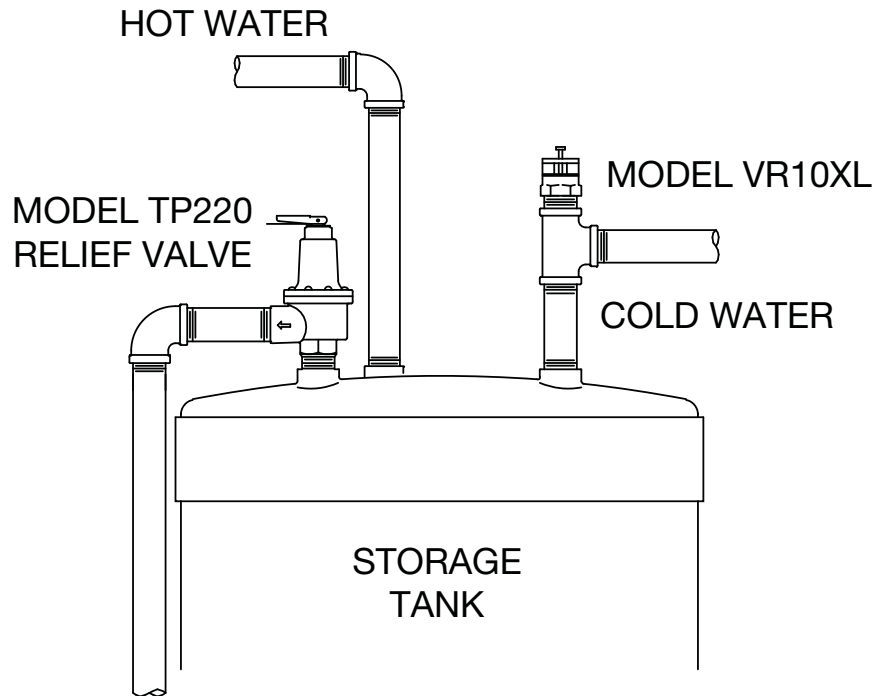
- 1/2", 3/4"
- 200 psi max
- 250°F max
- All brass body and cap
- Male inlet

### APPROVALS AND APPLICABLE STANDARDS

- CSA Compliance to ANSI Z21.22/CSA 4.4
- Certified to NSF/ANSI 372

SIZE	CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>VR10XL: VACUUM RELIEF VALVE</b>			
1/2"	1/2" MNPT	12-VR10XL	88.00
3/4"	3/4" MNPT	34-VR10XL	91.00

### TYPICAL INSTALLATION



BACKFLOW PREVENTERS

BACKFLOW PREVENTERS ACCESSORIES

STRAINERS

AUTOMATIC CONTROL VALVES

PRESSURE REDUCING VALVES

FIRE PROTECTION VALVES

THERMOSTATIC MIXING VALVES

RELIEF VALVES

MISCELLANEOUS PLUMBING PRODUCTS

REPAIR KITS



## DUXL/DUXLC SERIES – DIELECTRIC UNIONS



DUXL



DUXLC

### DUXL SERIES – DIELECTRIC UNIONS

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>DUXL: FNPT X FNPT</b>			
1/2"		12-DUXL	39.00
3/4"		34-DUXL	42.00
1"		1-DUXL	77.00
1-1/4"		114-DUXL	94.00
1-1/2"		112-DUXL	136.00
2"		2-DUXL	264.00

### DUXLC SERIES – DIELECTRIC UNIONS

SIZE	INLET X OUTLET CONNECTIONS / OPTIONS	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>DUXLC: FNPT X FEMALE CU SWT</b>			
1/2"	1/2" FNPT x 1/2" Female CU SWT	12-DUXLC	19.00
3/4"	3/4" FNPT x 1/2" Female CU SWT	34-DUXLC12C	19.00
3/4"	3/4" FNPT x 3/4" Female CU SWT	34-DUXLC	19.00
1"	1" FNPT x 1" Female CU SWT	1-DUXLC	28.00
1-1/4"	1 1/4" FNPT x 1 1/4" Female CU SWT	114-DUXLC	42.00
1-1/2"	1 1/2" FNPT x 1 1/2" Female CU SWT	112-DUXLC	59.00
2"	2" FNPT x 2" Female CU SWT	2-DUXLC	83.00
<b>DUXLC: FNPT FLANGE X FEMALE CU SWT</b>			
2-1/2"	2 1/2" FNPT Flange x 2 1/2" Female CU SWT	212-DUXLC	359.00
3"	3" FNPT Flange x 3" Female CU SWT	3-DUXLC	419.00

#### APPLICATIONS

Designed for installation on potable water lines to protect against piping system deterioration caused by galvanic and stray current corrosion. A dielectric fitting is necessary where dissimilar metals are used in piping systems. Used to connect brass pipe with iron pipe.

#### FEATURES

- 1/2" - 2"
- 250 psi max (threaded connections)
- 175 psi max (flange connections)
- 180°F max
- Female iron pipe x female brass pipe

#### APPROVALS AND APPLICABLE STANDARDS

- Certified to NSF/ANSI 372

# REPAIR KITS

<b>LARGE DIAMETER BACKFLOW PREVENTER REPAIR KITS</b>	<b>130</b>
350/450 REPAIR KITS	130
375/475 REPAIR KITS	130
FIRST CHECK ASSEMBLY	130
SECOND CHECK ASSEMBLY	130
950/975 REPAIR KITS	131
BY-PASS VALVES FOR DETECTOR ASSEMBLIES REPAIR KITS	131
CHECK SEAT RETAINER	131
DOUBLE CHECK DETECTOR ASSEMBLY BYPASS REPLACEMENT KIT	131
RP DETECTOR ASSEMBLY BYPASS REPLACEMENT KIT	131
<b>SMALL DIAMETER BACKFLOW PREVENTER REPAIR KITS</b>	<b>132</b>
350XL/350 REPAIR KITS	132
375XL/375 REPAIR KITS	132
950XLT2/950XLT/950XL/950 REPAIR KITS	132
975XL2/975XL/975 REPAIR KITS	132
<b>PRESSURE VACUUM BREAKER REPAIR KITS</b>	<b>133</b>
420XL/420 REPAIR KITS	133
460XL/460 REPAIR KITS	133
720A REPAIR KITS	133
<b>ATMOSPHERIC VACUUM BREAKER REPAIR KIT</b>	<b>133</b>
<b>DUAL CHECK ASSEMBLY REPAIR KITS</b>	<b>133</b>
<b>AUTOMATIC CONTROL VALVE REPAIR KITS</b>	<b>133</b>
<b>PRESSURE REDUCING VALVE REPAIR KITS</b>	<b>134</b>
<b>MISCELLANEOUS PARTS AND REPAIR KITS</b>	<b>134</b>
QT/QTP – QUICK TEST BACKFLOW TEST FITTINGS	134
BVHD – BLUE STAINLESS STEEL BALL VALVE HANDLES WITH STAINLESS STEEL NUT	134
BVHDXL – GREEN STAINLESS STEEL BALL VALVE HANDLES WITH STAINLESS STEEL NUT	134
860XL – LEAD FREE TEST COCKS (SET)	134
860XLFT – LEAD FREE FAST-TEST COCKS WITH INTEGRAL SAE FITTINGS (SET)	134
860XL SERIES – BALL VALVE TEST COCKS (EACH)	135
RK-975TOOL – COMPLETE SET OF 950XL/975XL SEAT REMOVAL TOOLS	135
RK-BVTOOL – BALL VALVE HANDLE SOCKETS 3/4", 1", 1-1/4", 1-1/2", AND 2"	135
RPHBM REPAIR KITS	135
FIRE VALVE REPAIR KITS	135

# LARGE DIAMETER BACKFLOW PREVENTER REPAIR KITS

## 350/450 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>MODEL 350/450 RUBBER ONLY REPAIR KIT</b>		
2-1/2" - 3"	RK212-350	43.00
4"	RK4-350	151.00
6"	RK6-350	270.00
8" - 12"	RK8-350	299.00
<b>MODEL 350A RUBBER ONLY REPAIR KIT</b>		
2-1/2" - 4"	RK4-350	151.00
6"	RK6-350	270.00
8" - 10"	RK8-350	299.00
<b>MODEL 350DA/450DA RUBBER ONLY (INCLUDES BY-PASS RUBBER)</b>		
2-1/2" - 3"	RK212-350DA	94.00
4"	RK4-350DA	224.00
6"	RK6-350DA	333.00
8" - 12"	RK8-350DA	359.00
<b>MODEL 350ADA RUBBER ONLY (INCLUDES BY-PASS RUBBER)</b>		
2-1/2" - 4"	RK4-350DA	224.00
6"	RK6-350DA	333.00
8" - 10"	RK8-350DA	359.00

## 375/475 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>MODEL 375/375A/475 RELIEF RUBBER ONLY</b>		
2-1/2" - 6"	RK212-375R	90.00
8" - 10"	RK8-375R	99.00
<b>MODEL 375/375A/475 RELIEF COMPLETE</b>		
2-1/2" - 6"	RK212-375	129.00
8" - 10"	RK8-375	328.00
<b>MODEL 375/475 CHECKS RUBBER ONLY</b>		
2-1/2" - 4"	RK4-350	151.00
6"	RK6-350	270.00
8" - 10"	RK8-350	299.00
<b>MODEL 375DA/475DA CHECKS &amp; RELIEF RUBBER ONLY (INCLUDES BY-PASS RUBBER)</b>		
2-1/2" - 3"	RK212-375DAC	183.00
4"	RK4-375DAC	290.00
6"	RK6-375DAC	410.00
8" - 10"	RK8-375DAC	477.00
<b>MODEL 375ADA CHECKS &amp; RELIEF RUBBER ONLY (INCLUDES BY-PASS RUBBER)</b>		
2-1/2" - 4"	RK4-375DAC	290.00
6"	RK6-375DAC	410.00
8" - 10"	RK8-375DAC	477.00

## FIRST CHECK ASSEMBLY

SIZE	MODEL		LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
	300 SERIES	400 SERIES		
Includes retainer(s) or nuts and lubricant				
<b>IRON BODY</b>				
2-1/2" & 3"	350/350DA	450/450DA	RK212-350CK1	194.00
2-1/2", 3" & 4"	350A/350ADA	-	RK4-350CK1	495.00
4"	350/350DA	450/450DA	RK4-350CK1	495.00
6"	350/350DA	450/450DA	RK6-350CK1	644.00
8", 10" & 12"	350/350DA	450/450DA	RK8-350CK1	1,471.00
12"	350DA	-	RK12IN-350DACK1	1,422.00
2-1/2" & 3"	375/375DA	475/475DA	RK212-375CK1	200.00
2-1/2" & 3"	375A/375ADA	-	RK4-375CK1	550.00
4"	375/375DA	475/475DA	RK4-375CK1	550.00
6"	375/375DA	475/475DA	RK6-375CK1	732.00
8" & 10"	375/375DA	475/475DA	RK8-375CK1	1,660.00
<b>STAINLESS STEEL BODY</b>				
2-1/2", 3" & 4"	350AST/350ASTDA	-	RK4-350ASTCK1	495.00
6"	350AST/350ASTDA	-	RK6-350ASTCK1	644.00
8"	350AST/350ASTDA	-	RK8-350ASTCK1	1,404.00
10"	350AST/350ASTDA	-	RK10-350ASTCK1	1,471.00
4"	-	450ST/450STDA	RK4-450STCK4	495.00
6"	-	450ST/450STDA	RK6-450STCK4	644.00
8" & 10"	-	450ST/450STDA	RK8-450STCK1	1,530.00
2-1/2", 3" & 4"	375AST/375ASTDA	475ST/475STDA	RK4-375ASTCK1	550.00
6"	375AST/375ASTDA	475ST/475STDA	RK6-375ASTCK1	732.00
8" & 10"	375AST/375ASTDA	-	RK8-375ASTCK1	1,694.00
8" & 10"	-	475ST/475STDA	RK8-475STCK1	1,913.00

## SECOND CHECK ASSEMBLY

SIZE	MODEL		LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
	300 SERIES	400 SERIES		
Includes retainer(s) or nuts and lubricant				
<b>DUCTILE IRON BODY</b>				
2-1/2" & 3"	375/350	475/450	RK212-350CK2	194.00
2-1/2", 3" & 4"	375A/350A	-	RK4-350CK2	464.00
4"	375/350	475/450	RK4-350CK2	464.00
6"	375/350	475/450	RK6-350CK2	618.00
8", 10" & 12"	375/350	475/450	RK8-350CK2	1,471.00
2-1/2" & 3"	375DA/350DA	475DA/450DA	RK212-350DACK2	204.00
2-1/2", 3" & 4"	375ADA/350ADA	-	RK4-350CK2	464.00
4"	375DA/350DA	475DA/450DA	RK4-350CK2	464.00
6"	375DA/350DA	475DA/450DA	RK6-350CK2	618.00
8" & 10"	375DA	475DA/450DA	RK8-450DACK2	1,628.00
8" & 10"	350DA	-	RK8-350DACK2	1,565.00
12"	350DA	-	RK12IN-350DACK2	1,415.00
8"	350ADA	-	RK8-350DACK2	1,565.00
10"	350ADA	-	RK8-450DACK2	1,628.00
<b>STAINLESS STEEL BODY</b>				
2-1/2"	375AST/350AST	-	RK212-350ASTCK2	464.00
3" & 4"	375AST/350AST	-	RK4-350ASTCK2	464.00
6"	375AST/350AST	-	RK6-350ASTCK2	618.00
8"	375AST	-	RK8-350ASTCK2	1,404.00
10"	375AST/350AST	-	RK10-350ASTCK2	1,471.00
2-1/2"	375ASTDA/350ASTDA	-	RK212-350ASTDACK2	464.00
3" & 4"	375ASTDA/350ASTDA	-	RK4-350ASTDACK2	464.00
6"	375ASTDA	-	RK6-375ASTDACK2	642.00
6"	350ASTDA	-	RK6-350ASTDACK2	618.00
8" & 10"	375ASTDA	-	RK8-375ASTDACK2	1,532.00
8" & 10"	350ASTDA	-	RK8-350ASTDACK2	1,561.00
4"	-	450ST/475ST	RK4-450STCK4	495.00
6"	-	450ST/475ST	RK6-450STCK4	644.00
8" & 10"	-	450ST/475ST	RK8-350ASTCK1	1,404.00
4"	-	450STDA/475STDA	RK4-350ASTDACK2	464.00
6"	-	450STDA/475STDA	RK6-450STDACK2	696.00
8" & 10"	-	450STDA/475STDA	RK8-450STDACK2	1,853.00

For additional product information, please visit [www.zurn.com](http://www.zurn.com).

# LARGE DIAMETER BACKFLOW PREVENTER REPAIR KITS

## 950/975 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>MODEL 950/975 RUBBER (CHECKS ONLY)</b>		
2-1/2" - 3"	RK212-950	108.00
4"	RK4-950	170.00
6"	RK6-950	306.00
8"	RK8-950	549.00
10"	RK10-950	887.00
<b>MODEL 975 RELIEF (RUBBER ONLY)</b>		
2-1/2" - 6"	RK212-975R	98.00
8" - 10"	RK8-975R	116.00
<b>MODEL 975 RELIEF COMPLETE</b>		
2-1/2" - 6"	RK212-975	138.00
8" - 10"	RK8-975	215.00
<b>MODEL 950DA RUBBER ONLY (INCLUDES BY-PASS RUBBER)</b>		
2-1/2" - 3"	RK212-950DA	189.00
4"	RK4-950DA	246.00
6"	RK6-950DA	383.00
8"	RK8-950DA	626.00
10"	RK10-950DA	964.00
<b>MODEL 975DA CHECKS &amp; RELIEF RUBBER ONLY (INCLUDES BY-PASS RUBBER)</b>		
2-1/2" - 3"	RK212-975DAC	242.00
4"	RK4-975DAC	484.00
6"	RK6-975DAC	487.00
8"	RK8-975DAC	1,084.00
10"	RK10-975DAC	1,060.00

## BY-PASS VALVES FOR DETECTOR ASSEMBLIES REPAIR KITS

SIZE	DESCRIPTION	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>BY-PASS VALVE FOR 950XLTD SERIES</b>			
3/4"	Double Check Valve By-Pass Assembly	34-350D	371.00
<b>BY-PASS VALVE FOR 375DA, 375ADA, 375ASTDA, 475DA AND 475DAV</b>			
3/4"	MNPT x MNPT, Less Ball Valves, RPDA By-Pass Assembly	34-975XLD	792.00
<b>BY-PASS VALVE FOR 350DA, 350ADA, 350ASTDA, 450DA AND 450DAV</b>			
3/4"	Double Check Valve By-Pass Assembly	34-950XLD	406.00

## CHECK SEAT RETAINER

SIZE	MODEL		LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
	300 SERIES	400 SERIES		
<b>CHECK NUMBER 1</b>				
Bulk pack quantity of six				
2-1/2" - 3"	350/375	450/475	BRK212-300-SEAT1-RTNR	100.00
2-1/2" - 3"	350A/375A	-	BRK4-LBF-SEAT1RTNR	288.00
2-1/2" - 4"	350/375	450/475	BRK4-LBF-SEAT1RTNR	288.00
6"	350/375	450/475	BRK6-LBF-SEAT1RTNR	384.00
2-1/2" - 4"	300AST Series	400ST Series	BRK4-SSLBF-SEAT1RTNR	288.00
6"	300AST Series	400ST Series	BRK6-SSLBF-SEAT1RTNR	384.00
<b>CHECK NUMBER 2</b>				
Bulk pack quantity of six				
2-1/2" - 3"	350/375	450/475	BRK212-300-SEAT2-RTNR	143.00
2-1/2" - 4"	350/375	450/475	BRK4-LBF-SEAT2RTNR	791.00
6"	350/375	450/475	BRK6-LBF-SEAT2RTNR	870.00
2-1/2" - 4"	350AST/375AST	-	BRK4-SSLBF-SEAT2RTNR	791.00
6"	350AST/375AST	-	BRK6-SSLBF-SEAT2RTNR	870.00

## DOUBLE CHECK DETECTOR ASSEMBLY BYPASS REPLACEMENT KIT

SIZE	MODEL		LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
	300 SERIES	400 SERIES		
2-1/2" & 3"	350DA	-	RK212-350DA-BP-LM	1,143.00
2-1/2" & 3"	350ADA	-	RK4-350DA-BP-LM	1,156.00
4"	350DA/350ADA	-	RK4-350DA-BP-LM	1,156.00
6"	350DA/350ADA	-	RK6-350DA-BP-LM	1,163.00
8" & 10"	350DA/350ADA	-	RK8-350DA-BP-LM	1,170.00
12"	350DA	-	RK12IN-350DA-BP-LM	1,182.00
2-1/2" & 3"	350ASTDA	-	RK212-350ASTDA-BP-LM	823.00
4"	350ASTDA	-	RK4-350ASTDA-BP-LM	1,156.00
6"	350ASTDA	-	RK6-350ASTDA-BP-LM	960.00
8" & 10"	350ASTDA	-	RK8-350ASTDA-BP-LM	1,170.00
2-1/2" & 3"	-	450DA	RK212-450DA-BP-LM	1,143.00
4"	-	450DA	RK4-450DA-BP-LM	2,214.00
6"	-	450DA	RK6-450DA-BP-LM	2,270.00
8" & 10"	-	450DA	RK8-450DA-BP-LM	1,415.00

## RP DETECTOR ASSEMBLY BYPASS REPLACEMENT KIT

SIZE	MODEL		LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
	300 SERIES	400 SERIES		
2-1/2" & 3"	375DA	-	RK212-375DA-BP-LM	1,375.00
2-1/2" & 3"	375ADA	-	RK4-375DA-BP-LM	1,388.00
4"	375DA	-	RK4-375DA-BP-LM	1,388.00
6"	375DA	-	RK6-375DA-BP-LM	1,396.00
8"	375DA	-	RK8-375DA-BP-LM	1,402.00
10"	375DA	-	RK10-375DA-BP-LM	1,415.00
2-1/2" & 3"	375ASTDA	-	RK212-375ASTDA-BP-LM	1,388.00
4"	375ASTDA	-	RK4-375ASTDA-BP-LM	1,156.00
6"	375ASTDA	-	RK6-375ASTDA-BP-LM	1,396.00
8"	375ASTDA	-	RK8-375ASTDA-BP-LM	1,182.00
10"	375ASTDA	-	RK10-375ASTDA-BP-LM	1,182.00
2-1/2" & 3"	-	475DA	RK3-475DA-BP-LM	1,375.00
4"	-	475DA	RK4-475DA-BP-LM	1,389.00
6"	-	475DA	RK6-475DA-BP-LM	1,396.00
8" & 10"	-	475DA	RK8-475DA-BP-LM	1,960.00

# SMALL DIAMETER BACKFLOW PREVENTER REPAIR KITS

## 350XL/350 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>MODEL 350XL/350 RUBBER REPAIR KIT</b>		
2 vessel o-rings, 2 check o-rings, 2 poppets with seal rings		
1/2" - 3/4"	RK34-350R	28.00
1"	RK1-350R	29.00
1-1/4" - 2"	RK114-350R	40.00
<b>MODEL 350XL/350 COMPLETE INTERNALS</b>		
2 checks, vessel o-rings, and check o-rings		
1/2" - 3/4"	RK34-350	51.00
1"	RK1-350	54.00
1-1/4" - 2"	RK114-350	107.00
<b>MODEL 350XL/350 COMPLETE PRESSURE VESSEL (HOUSING)</b>		
Complete working Pressure Vessel, o-rings, test cocks and bolts. Also available, 350VFT (350V with Fast-Test Test Cocks)		
1/2" - 3/4"	RK34-350V	130.00
1"	RK1-350V	151.00
1-1/4" - 2"	RK114-350V	452.00
<b>MODEL 350XL/350 BLOW-OUT/FLUSH FITTING</b>		
Blow-Out/Flush Fitting and 2 o-rings		
1/2" - 3/4"	RK34-350BOF	25.00
1"	RK1-350BOF	31.00
1-1/4" - 2"	RK114-350-375BOF	48.00
<b>MODEL 350XL/350 FLUSH KIT</b>		
Flush Fitting, 2 O-rings and 18" Flush Hose		
1/2" - 3/4"	RK34-350FLUSH	45.00
1"	RK1-350FLUSH	52.00
1-1/4" - 2"	RK114-350-375FLUSH	68.00

## 375XL/375 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>MODEL 375XL/375 RUBBER REPAIR KIT</b>		
2 vessel o-rings, 2 check o-rings, seal rings, 2 relief valve o-rings, relief valve seal ring, diaphragm		
3/4"	RK34-375R	48.00
1"	RK1-375R	49.00
1-1/4" - 2"	RK114-375R	84.00
<b>MODEL 375XL/375 COMPLETE INTERNALS</b>		
2 checks, vessel o-rings, check o-rings, relief valve assembly, relief valve spring, relief valve spring seat, and relief valve spring o-rings		
3/4"	RK34-375	73.00
1"	RK1-375	124.00
1-1/4" - 2"	RK114-375	203.00
<b>MODEL 375XL/375 COMPLETE PRESSURE VESSEL</b>		
Complete working Pressure Vessel, o-rings and test cocks. Also available, 375VFT: 375V with Fast-Test Test Cocks (Wedge not included)		
3/4"	RK34-375V	234.00
1"	RK1-375V	242.00
1-1/4" - 2"	RK114-375V	521.00
<b>MODEL 375XL/375 VESSEL WEDGE</b>		
Pressure Vessel Wedge, sleeve and two screws		
3/4"	RK34-375W	39.00
1"	RK1-375W	46.00
<b>MODEL 375XL/375 BLOW-OUT FLUSH FITTING</b>		
Blow-Out/Flush Fitting and 2 O-rings		
3/4"	RK34-375BOF	23.00
1"	RK1-375BOF	27.00
1-1/4" - 2"	RK114-350-375BOF	48.00
<b>MODEL 375XL/375 BLOW-OUT/FLUSH KITS</b>		
Flush Fitting, 2 O-rings and 18" Flush Hose		
3/4"	RK34-375FLUSH	44.00
1"	RK1-375FLUSH	49.00
1-1/4" - 2"	RK114-350-375FLUSH	68.00
<b>MODEL RK-375XLBV1: BALL VALVE, BRONZE, 375XL INLET, FNPT TO PRESSURE VESSEL, TAPPED, O-RING</b>		
1/2"	RK12-375XLBV1	69.00
3/4"	RK34-375XLBV1	85.00
1"	RK1-375XLBV1	121.00
<b>MODEL 48AXL: BALL VALVE, BRONZE, 375XL INLET, FNPT TO PRESSURE VESSEL, TAPPED</b>		
1-1/4"	RK114-375XL-BV1	497.00
1-1/2"	RK112-375XL-BV1	497.00
2"	RK2-375XL-BV1	523.00
<b>MODEL 48BXL: BALL VALVE, BRONZE, 375XL OUTLET, PRESSURE VESSEL TO FNPT</b>		
1/2"	RK114-375XL-BV1	356.00
3/4"	RK34-375XL-BV2	340.00
1"	RK1-375XL-BV2	361.00
1-1/4"	RK114-375XL-BV2	492.00
1-1/2"	RK112-375XL-BV2	497.00
2"	RK2-375XL-BV2	523.00
<b>MODEL RK-375STBV1: BALL VALVE, STAINLESS STEEL, 375ST INLET, FNPT TO PRESSURE VESSEL, TAPPED, O-RING</b>		
1/2"	RK12-375STBV1	145.00
3/4"	RK34-375STBV1	166.00
1"	RK1-375STBV1	223.00

## 950XLT2/950XLT/950XL/950 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>MODEL 950 COMPLETE</b>		
3/4" - 1"	RK34-950	43.00
1-1/4" - 2"	RK114-950	65.00
<b>MODEL 950 RUBBER</b>		
3/4" - 1"	RK34-950R	28.00
1-1/4" - 2"	RK114-950R	32.00
<b>MODEL 950XL COMPLETE</b>		
3/4" - 1"	RK34-950XL	50.00
1-1/4" - 2"	RK114-950XL	82.00
<b>MODEL 950XL/XLT/XLT2 RUBBER</b>		
3/4" - 1"	RK34-950XLR	33.00
1-1/4" - 2"	RK114-950XLR	45.00
<b>MODEL 950XL SEAT KIT</b>		
3/4" - 1"	RK34-950XLSK	34.00
1-1/4" - 2"	RK114-950XLSK	41.00
<b>MODEL 950XL COMPLETE WITH SEATS</b>		
3/4" - 1"	RK34-950XLC	65.00
1-1/4" - 2"	RK114-950XLC	115.00
<b>MODEL 950XLT/XLT2 SEAT KIT</b>		
3/4" - 1"	RK34-950XLTSK	34.00
1-1/4" - 2"	RK114-950XLTSK	41.00
<b>MODEL 950XLT/XLT2 COMPLETE WITH SEATS</b>		
3/4" - 1"	RK34-950XLTLC	65.00
1-1/4" - 2"	RK114-950XLTLC	115.00

## 975XL2/975XL/975 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>MODEL 975 COMPLETE RUBBER &amp; SPRINGS (CHECKS &amp; RELIEF)</b>		
3/4" - 1"	RK34-975	60.00
1-1/4" - 2"	RK114-975	114.00
<b>MODEL 975 RUBBER (CHECKS &amp; RELIEF)</b>		
3/4" - 1"	RK34-975R	48.00
1-1/4" - 2"	RK114-975R	78.00
<b>MODEL 975XL/XL2 COMPLETE RUBBER &amp; SPRINGS - NO SEATS (CHECKS &amp; RELIEF)</b>		
1/4" - 1/2"	RK14-975XL	57.00
3/4" - 1"	RK34-975XL	65.00
1-1/4" - 2"	RK114-975XL	134.00
<b>MODEL 975XL/XL2 RUBBER (CHECKS &amp; RELIEF)</b>		
1/4" - 1/2"	RK14-975XLR	46.00
3/4" - 1"	RK34-975XLR	53.00
1-1/4" - 2"	RK114-975XLR	98.00
<b>MODEL 975XL/XL2 SEAT KIT (#1 &amp; #2 WITH O-RINGS)</b>		
1/4" - 1/2"	RK14-975XLSK	38.00
3/4" - 1"	RK34-975XLSK	41.00
1-1/4" - 2"	RK114-975XLSK	43.00
<b>MODEL 975XL/XL2 COMPLETE POPPETS, SPRINGS &amp; SEATS (CHECKS &amp; RELIEF)</b>		
1/4" - 1/2"	RK14-975XLC	144.00
3/4" - 1"	RK34-975XLC	147.00
1-1/4" - 2"	RK114-975XLC	225.00

## PRESSURE VACUUM BREAKER REPAIR KITS

### 420XL/420 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>420XL/420 COMPLETE REPAIR KIT</b>		
1/2" - 3/4"	RK12-420	63.00
1"	RK1-420	82.00
<b>420XL/420 RUBBER REPAIR KIT</b>		
1/2" - 3/4"	RK12-420R	32.00
1"	RK1-420R	33.00
<b>420XL/420 POPPET/ BONNET</b>		
1/2" - 3/4"	RK12-420FK	36.00
1"	RK1-420FK	44.00

### 460XL/460 REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>460XL/460 COMPLETE REPAIR KIT</b>		
3/8" - 1/2"	RK12-460	73.00
3/4" - 1"	RK1-460	133.00
<b>460XL/460 RUBBER</b>		
3/8" - 1/2"	RK12-460R	44.00
3/4" - 1"	RK1-460R	66.00

### 720A REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>720A REPAIR KIT</b>		
1/2" - 1"	RK1-720A	79.00
1-1/4" - 2"	RK2-720A	153.00
<b>720A BONNET REPAIR KIT</b>		
1/2" - 1"	RK1-720AB	37.00
<b>720A POPPET &amp; O-RING</b>		
1/2" - 1"	RK1-720AP	39.00

## ATMOSPHERIC VACUUM BREAKER REPAIR KIT

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>35/35XL REPAIR KIT</b>		
1/4"	RK14-35	16.00
1/2"	RK12-35	18.00
3/4"	RK34-35	21.00
1"	RK1-35	25.00
1-1/4"	RK114-35	26.00
1-1/2"	RK112-35	31.00
2"	RK2-35	35.00

## DUAL CHECK ASSEMBLY REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>700FP/700 REPAIR KIT</b>		
1/4" - 1/2"	RK14-700	34.00
3/4" - 1"	RK34-700	35.00
1" - 1-1/2"	RK1-700FP	45.00
<b>950LM COMPLETE REPAIR KIT</b>		
3/4" - 1"	RK34-950	43.00
<b>950LM RUBBER REPAIR KIT</b>		
3/4" - 1"	RK34-950R	28.00
<b>950LF COMPLETE REPAIR KIT</b>		
3/4" - 1"	RK34-950	43.00
<b>950LF RUBBER REPAIR KIT</b>		
3/4" - 1"	RK34-950R	28.00
1-1/4" - 2"	RK114-950R	32.00

## AUTOMATIC CONTROL VALVE REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>RK-ZW109: ZW100 SERIES REPAIR KIT</b>		
Includes diaphragm, disc and spacer washers		
1-1/4"-1-1/2"	RK114-112-ZW109	311.00
2"	RK2-ZW109	371.00
2-1/2"	RK212-ZW109	417.00
3"	RK3-ZW109	436.00
4"	RK4-ZW109	594.00
6"	RK6-ZW109	895.00
8"	RK8-ZW109	1,075.00
10"	RK10-ZW109	1,557.00
12"	RK12IN-ZW109	2,033.00
<b>RK-ZW200R: ZW200 SERIES RUBBER REPAIR KIT</b>		
Includes diaphragm, stem o-rings, and disc		
1-1/4"-1-1/2"	RK114-112-ZW200R	244.00
2"	RK2-ZW200R	291.00
2-1/2"	RK212-ZW200R	328.00
3"	RK3-ZW200R	342.00
4"	RK4-ZW200R	466.00
6"	RK6-ZW200R	701.00
8"	RK8-ZW200R	842.00
10"	RK10-ZW200R	1,219.00
12"	RK12-ZW200R	1,593.00
14"	RK14-ZW200R	2,895.00
16"	RK16-ZW200R	4,198.00
<b>RK-ZW200C: ZW200 SERIES COMPLETE REPAIR KIT</b>		
Includes stem assembly, spring.		
1-1/4"-1-1/2"	RK114-112-ZW200C	563.00
2"	RK2-ZW200C	974.00
2-1/2"	RK212-ZW200C	1,102.00
3"	RK3-ZW200C	1,318.00
4"	RK4-ZW200C	1,511.00
6"	RK6-ZW200C	2,680.00
8"	RK8-ZW200C	3,819.00
10"	RK10-ZW200C	5,125.00
12"	RK12-ZW200C	6,658.00
14"	RK14-ZW200C	3,040.00
16"	RK16-ZW200C	3,836.00
<b>RK-ZW200SK: ZW200 SERIES SEAT REPAIR KIT</b>		
Includes seat, o-ring. RK10-ZW200SK includes seat, o-ring, screws		
1-1/4"-1-1/2"	RK114-112-ZW200SK	119.00
2"	RK2-ZW200SK	170.00
2-1/2"	RK212-ZW200SK	192.00
3"	RK3-ZW200SK	223.00
4"	RK4-ZW200SK	329.00
6"	RK6-ZW200SK	591.00
8"	RK8-ZW200SK	1,169.00
10"	RK10-ZW200SK	1,289.00
12"	RK12-ZW200SK	1,737.00
14"	RK14-ZW200SK	2,316.00
16"	RK16-ZW200SK	2,968.00
<b>RK-ZW200RV: ZW200 SERIES VITON RUBBER REPAIR KIT</b>		
Includes diaphragm, stem o-rings, and disc		
1-1/4"-1-1/2"	RK114-112-ZW200RV	580.00
2"	RK2-ZW200RV	649.00
2-1/2"	RK212-ZW200RV	692.00
3"	RK3-ZW200RV	1,187.00
4"	RK4-ZW200RV	1,697.00

## PRESSURE REDUCING VALVE REPAIR KITS

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>NR3XL/NR3 REPAIR KIT</b>		
1/2"	RK12-NR3XL	49.00
3/4"	RK34-NR3XL	57.00
1"	RK1-NR3XL	72.00
1-1/4"	RK114-NR3XL	100.00
1-1/2"	RK112-NR3XL	194.00
2"	RK2-NR3XL	222.00
<b>BR4 REPAIR KIT</b>		
1/2"	RK12-BR4XL	87.00
3/4"	RK34-BR4XL	94.00
1"	RK1-BR4XL	115.00
1-1/4"	RK114-BR4	141.00
1-1/2"	RK112-BR4	259.00
2"	RK2-BR4	295.00
<b>70XL/70 REPAIR KIT</b>		
1/2"	RK12-70XL	96.00
3/4"	RK34-70XL	72.00
1"	RK1-70XL	86.00
<b>70DU/70XLDU REPAIR KIT</b>		
1-1/4"	RK114-70XLDU	124.00
1-1/2"	RK112-70XLDU	135.00
2"	RK2-70XLDU	157.00
<b>70SS REPAIR KIT</b>		
1/2"	RK34-70SS	64.00
3/4"	RK1-70SS	89.00
<b>90 REPAIR KIT</b>		
1/2"	RK34-90	63.00
3/4"	RK1-90	63.00
<b>500XL AND 500 REPAIR KIT</b>		
1/2"	RK12-500XL	43.00
3/4"	RK34-500XL	43.00
1"	RK1-500XL	49.00
1-1/4"	RK114-500XL	66.00
1-1/2"	RK112-500XL	138.00
2"	RK2-500XL	167.00
2-1/2"	RK212-500XL	337.00
3"	RK3-500XL	676.00
<b>500XLHR/500HR REPAIR KIT</b>		
1/2"	RK12-500XLHR	54.00
3/4"	RK34-500XLHR	58.00
1"	RK1-500XLHR	66.00
1-1/4"	RK114-500XLHR	103.00
1-1/2"	RK112-500XLHR	190.00
2"	RK2-500XLHR	195.00
2-1/2"	RK212-500XLHR	362.00
3"	RK3-500XLHR	700.00
<b>500XLHRLR/500HRLR REPAIR KIT</b>		
1/2"	RK12-500XLHRLR	54.00
3/4"	RK34-500XLHRLR	58.00
1"	RK1-500XLHRLR	66.00
1-1/4"	RK114-500XLHRLR	103.00
1-1/2"	RK112-500XLHRLR	190.00
2"	RK2-500XLHRLR	195.00
2-1/2"	RK212-500XLHRLR	362.00
3"	RK3-500XLHRLR	700.00
<b>500XLHTSTSC REPAIR KIT</b>		
1/2"	RK12-500XLHTSTSC	70.00
3/4"	RK34-500XLHTSTSC	93.00
1"	RK1-500XLHTSTSC	98.00
1-1/4"	RK114-500XLHTSTSC	129.00
1-1/2"	RK112-500XLHTSTSC	217.00
2"	RK2-500XLHTSTSC	252.00
2-1/2"	RK212-500XLHTSTSC	391.00
3"	RK3-500XLHTSTSC	734.00

SIZE	LEAD-FREE PART NUMBER	LEAD-FREE LIST PRICE EA.
<b>500XLFC/500FC REPAIR KIT</b>		
2"	RK2-500XLFC	225.00
2-1/2"	RK212-500XLFC	228.00
3"	RK3-500XLFC	545.00
<b>510XL/510 REPAIR KIT</b>		
1/2"	RK12-510XL	58.00
3/4"	RK34-510XL	59.00
1"	RK1-510XL	66.00
1-1/4"	RK114-510XL	103.00
1-1/2"	RK112-510XL	190.00
2"	RK2-510XL	195.00
2-1/2"	RK212-510XL	362.00
3"	RK3-510XL	701.00
<b>600XL/600 REPAIR KIT</b>		
1/2"	RK12-600XL	46.00
3/4"	RK34-600XL	46.00
1"	RK1-600XL	52.00
1-1/4"	RK114-600XL	68.00
1-1/2"	RK112-600XL	141.00
2"	RK2-600XL	172.00
<b>600XLHR/600HR REPAIR KIT</b>		
1/2"	RK12-600XLHR	57.00
3/4"	RK34-600XLHR	61.00
1"	RK1-600XLHR	69.00
1-1/4"	RK114-600XLHR	105.00
1-1/2"	RK112-600XLHR	192.00
2"	RK2-600XLHR	200.00
<b>600XLHRLR/600HRLR REPAIR KIT</b>		
1/2"	RK12-600XLHRLR	57.00
3/4"	RK34-600XLHRLR	61.00
1"	RK1-600XLHRLR	69.00
1-1/4"	RK114-600XLHRLR	105.00
1-1/2"	RK112-600XLHRLR	192.00
2"	RK2-600XLHRLR	200.00
<b>600XLHTSTSC/600HTSTSC REPAIR KIT</b>		
1/2"	RK12-600XLHTSTSC	69.00
3/4"	RK34-600XLHTSTSC	91.00
1"	RK1-600XLHTSTSC	103.00
1-1/4"	RK114-600XLHTSTSC	118.00
1-1/2"	RK112-600XLHTSTSC	199.00
2"	RK2-600XLHTSTSC	231.00
<b>610XL/610 REPAIR KIT</b>		
1/2"	RK12-610XL	56.00
3/4"	RK34-610XL	56.00
1"	RK1-610XL	66.00
1-1/4"	RK114-610XL	91.00
1-1/2"	RK112-610XL	175.00
2"	RK2-610XL	185.00

## MISCELLANEOUS PARTS AND REPAIR KITS

### QT/QTP – QUICK TEST BACKFLOW TEST FITTINGS

SIZE	BACKFLOW RANGE	QUANTITY PER PACK	PART NUMBER	LIST PRICE
<b>MODEL QT: QUICK TEST BACKFLOW TEST FITTINGS</b>				
1/4"	1/4" - 2"	3	RK14-QT	103.00
1/2"	2-1/2" - 4"	3	RK12-QT	141.00
3/4"	6" - 12"	3	RK34-QT	169.00
<b>MODEL QTP: QUICK TEST BACKFLOW FITTINGS, THERMOPLASTIC</b>				
1/4"	1/4" - 2"	3	RK14-QTP	33.00

### BVHD – BLUE STAINLESS STEEL BALL VALVE HANDLES WITH STAINLESS STEEL NUT

SIZE	QUANTITY PER PACK	PART NUMBER	LIST PRICE
3/4"	2	RK34-BVHD	21.00
1"	2	RK1-BVHD	23.00
1-1/4"	2	RK114-BVHD	28.00
1-1/2"	2	RK112-BVHD	33.00
2"	2	RK2-BVHD	48.00

### BVHDXL – GREEN STAINLESS STEEL BALL VALVE HANDLES WITH STAINLESS STEEL NUT

SIZE	QUANTITY PER PACK	PART NUMBER	LIST PRICE
3/4"	2	RK34-BVHDXL	21.00
1"	2	RK1-BVHDXL	23.00
1-1/4"	2	RK114-BVHDXL	28.00
1-1/2"	2	RK112-BVHDXL	33.00
2"	2	RK2-BVHDXL	48.00

### 860XL – LEAD FREE TEST COCKS (SET)

SIZE	QUANTITY PER PACK	PART NUMBER	LIST PRICE
1/8"	4	RK18-860XL	98.00
1/4"	4	RK14-860XL	91.00

### 860XLFT – LEAD FREE FAST-TEST COCKS WITH INTEGRAL SAE FITTINGS (SET)

SIZE	QUANTITY PER PACK	PART NUMBER	LIST PRICE
1/8"	4	RK18-860XLFT	98.00
1/4"	4	RK14-860XLFT	98.00





# NOTES

BACKFLOW  
PREVENTERS

BACKFLOW PREVENTERS  
ACCESSORIES

STRAINERS

AUTOMATIC  
CONTROL VALVES

PRESSURE  
REDUCING VALVES

FIRE  
PROTECTION VALVES

THERMOSTATIC  
MIXING VALVES

RELIEF VALVES

MISCELLANEOUS  
PLUMBING PRODUCTS

REPAIR KITS

# INDEX

## TABLE OF CONTENTS IN ALPHABETICAL ORDER

<b>20XL SERIES – PRESSURE REDUCING VALVE</b>	84	<b>510XLFC SERIES – OPTION FOR 500XLC</b>	88
<b>25 SERIES – PRESSURE GAUGE</b>	126	<b>510XL SERIES – OPTION FOR 500XL</b>	87
<b>25 SERIES – PRESSURE GAUGES</b>	92	<b>600XL SERIES – PRESSURE REDUCING VALVE</b>	89
<b>35XL SERIES – ATMOSPHERIC VACUUM BREAKER</b>	52	<b>610XL SERIES – OPTION FOR 600XL</b>	89
<b>40XL2 SERIES – IN-LINE SINGLE CHECK VALVE</b>	52	<b>625XL SERIES – OPTION FOR 600XL</b>	89
<b>48OSY SERIES – OS&amp;Y GATE VALVE</b>	58	<b>700XLFP SERIES – DUAL CHECK VALVE</b>	49
<b>48PIV – POST INDICATOR GATE VALVE</b>	59	<b>700XL SERIES – DUAL CHECK VALVE</b>	49
<b>48 SERIES – NRS GATE VALVE</b>	58	<b>705 SERIES – DUAL CHECK VALVE</b>	50
<b>49 SERIES – BUTTERFLY VALVE</b>	60	<b>710 SERIES – PRESSURE VACUUM BREAKER</b>	47
<b>70XL SERIES – PRESSURE REDUCING VALVE</b>	86	<b>720A REPAIR KITS</b>	133
<b>300 SERIES PRODUCT DECODER</b>	8	<b>720A SERIES – PRESSURE VACUUM BREAKER</b>	48
<b>310/310DA SERIES – SINGLE CHECK VALVE ASSEMBLY</b>	45	<b>730/735 SERIES – LABORATORY FAUCET VACUUM BREAKER</b>	50
<b>350/450 REPAIR KITS</b>	130	<b>740 SERIES – BACKFLOW PREVENTER FOR VENDING MACHINE WATER SUPPLY</b>	51
<b>350A/350 SERIES – DOUBLE CHECK VALVE ASSEMBLY</b>	13	<b>760 SERIES – DUAL CHECK WITH ATMOSPHERIC VENT</b>	51
<b>350ADA/350DA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY</b>	19	<b>850XL SERIES – FULL PORT BALL VALVE</b>	57
<b>350ASTDA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY</b>	18	<b>860XLFT – LEAD FREE FAST-TEST COCKS WITH INTEGRAL SAE FITTINGS (SET)</b>	134
<b>350AST SERIES – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY</b>	11	<b>860XL – LEAD FREE TEST COCKS (SET)</b>	134
<b>350XL/350 REPAIR KITS</b>	132	<b>860XL SERIES – BALL VALVE TEST COCKS (EACH)</b>	135
<b>350XL/350 SERIES – DOUBLE CHECK VALVE ASSEMBLY</b>	9	<b>950/975 REPAIR KITS</b>	131
<b>375/475 REPAIR KITS</b>	130	<b>950XL SERIES – DOUBLE CHECK VALVE ASSEMBLY</b>	11
<b>375A/375 SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY</b>	28	<b>950XLT2/950XLT/950XL/950 REPAIR KITS</b>	132
<b>375ADA/375DA SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY</b>	40	<b>950XLT2/950XLT SERIES – TOP ACCESS DOUBLE CHECK VALVE ASSEMBLY</b>	10
<b>375ASTDA SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY</b>	38	<b>950XLTDA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY</b>	17
<b>375AST SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY</b>	27	<b>975XL2/975XL/975 REPAIR KITS</b>	132
<b>375ST SERIES – STAINLESS STEEL REDUCED PRESSURE PRINCIPLE ASSEMBLY</b>	24	<b>975XL2/975XL SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY</b>	25
<b>375W1/37AW1/375ASTW1 SERIES – CONNECTED BACKFLOW W/ WIRELESS MONITOR (2-1/2" - 10")</b>	34	<b>975XL2SE / 975XL2SEU SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH 90° STREET ELBOW</b>	26
<b>375XL/375 REPAIR KITS</b>	132	<b>975XLHBM SERIES – HYDRANT BACKFLOW AND METER VALVE</b>	37
<b>375XL/375 SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY</b>	23	<b>975XLST SERIES – STAINLESS STEEL REDUCED PRESSURE PRINCIPLE ASSEMBLY</b>	25
<b>375XLB SERIES – THEFT PREVENTION REDUCED PRESSURE PRINCIPLE ASSEMBLY</b>	24	<b>1260XL SERIES – WATER HAMMER ARRESTERS</b>	126
<b>400 SERIES SETTER</b>	62	<b>ACV PART NUMBER CONFIGURATION TOOL</b>	70
<b>400ST SERIES SETTER</b>	62	<b>AG SERIES – AIR GAP</b>	63
<b>420XL/420 REPAIR KITS</b>	133	<b>ATMOSPHERIC VACUUM BREAKER REPAIR KIT</b>	133
<b>420XL SERIES – PRESSURE VACUUM BREAKER</b>	46	<b>AUTOMATIC CONTROL VALVE OPTIONS AND ACCESSORIES</b>	81
<b>450DA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY</b>	22	<b>AUTOMATIC CONTROL VALVE REPAIR KITS</b>	133
<b>450 SERIES – DOUBLE CHECK VALVE ASSEMBLY</b>	16	<b>BFP-9 &amp; BFP-8F SERIES – HOSE CONNECTION VACUUM BREAKER</b>	53
<b>450STDA SERIES – DOUBLE CHECK DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY</b>	21	<b>BVECXL SERIES – WATER HEATER SHUT-OFF VALVE WITH INTEGRAL THERMAL EXPANSION RELIEF VALVE</b>	125
<b>450ST SERIES – DOUBLE CHECK VALVE ASSEMBLY WITH STAINLESS STEEL BODY</b>	15	<b>BVHD – BLUE STAINLESS STEEL BALL VALVE HANDLES WITH STAINLESS STEEL NUT</b>	134
<b>460XL/460 REPAIR KITS</b>	133	<b>BVHDXL – GREEN STAINLESS STEEL BALL VALVE HANDLES WITH STAINLESS STEEL NUT</b>	134
<b>460XL SERIES – SPILL RESISTANT PRESSURE VACUUM BREAKER</b>	46	<b>BVMS – BALL VALVE MONITOR SWITCH</b>	57
<b>475/475V SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY</b>	32	<b>BY-PASS VALVES FOR DETECTOR ASSEMBLIES REPAIR KITS</b>	131
<b>475DA/475DAV SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY</b>	43	<b>CHECK SEAT RETAINER</b>	131
<b>475ST/475STV SERIES – REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH STAINLESS STEEL BODY</b>	30	<b>COUPLINGS AND FITTINGS</b>	103
<b>475STDA/475STDAV SERIES – REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY WITH STAINLESS STEEL BODY</b>	42	<b>DOUBLE CHECK DETECTOR ASSEMBLY BYPASS REPLACEMENT KIT</b>	131
<b>500XLFC SERIES – PRESSURE REDUCING VALVE</b>	88	<b>DUAL CHECK ASSEMBLY REPAIR KITS</b>	133
<b>500XL SERIES – PRESSURE REDUCING VALVE</b>	87	<b>DUXL/DUXLC SERIES – DIELECTRIC UNIONS</b>	128
<b>500XLYSBR SERIES – PRESSURE REDUCING VALVE</b>	87	<b>F48OSYF SERIES – FIRE OS&amp;Y UNTAPPED GATE VALVE</b>	59
		<b>F49BR/F49BRG SERIES – POWERBALL BUTTERFLY VALVES</b>	100
		<b>F49 SERIES – FIRE BUTTERFLY VALVES</b>	100
		<b>F100/F100G SERIES – FIRE HOSE VALVES</b>	99
		<b>F105 SERIES – PRESSURE RESTRICTING FIRE HOSE VALVES</b>	99

## TABLE OF CONTENTS IN ALPHABETICAL ORDER – (CONTINUED)

<b>F210R SERIES – RISER CHECKS</b>	101	<b>TG-3 AND TG-5 – BACKFLOW ASSEMBLY TEST KITS</b>	61
<b>F210 SERIES – CHECK VALVES</b>	101	<b>THERMOSTATIC MIXING VALVES ACCESSORIES</b>	114
<b>FCIS SERIES – CONNECTED FLOOD CONTROL SYSTEM (2-1/2" - 10") / FLOOD CONTROL INTEGRATED SYSTEM (1-1/4" - 2")</b>	35	<b>TP220 SERIES – COMMERCIAL TEMPERATURE AND PRESSURE VALVE</b>	116
<b>FDC2 SERIES – FIRE DEPARTMENT CONNECTIONS</b>	99	<b>TP1100A SERIES – RESIDENTIAL TEMPERATURE AND PRESSURE VALVE</b>	116
<b>FEZR SERIES – COMMERCIAL RISERS</b>	101	<b>TP3000 SERIES – COMMERCIAL TEMPERATURE AND PRESSURE VALVE</b>	117
<b>FIRE VALVE REPAIR KITS</b>	135	<b>TPKXL SERIES – TAILPIECE KITS</b>	91
<b>FIRST CHECK ASSEMBLY</b>	130	<b>TPKXL SERIES – TAILPIECE KITS</b>	114
<b>FLUSH FITTING TOOLS – 350/375 BACKFLOW PREVENTERS</b>	60	<b>VR10XL SERIES – VACUUM RELIEF VALVE</b>	127
<b>FP3 SERIES - CAPS</b>	105	<b>WATER PRESSURE REDUCING VALVE ACCESSORIES</b>	91
<b>FP8 SERIES - GROOVED FLANGES</b>	107	<b>WBR SERIES – IN BUILDING RISERS</b>	56
<b>FP23 SERIES - COUPLINGS – RIGID (R), FLEX (F), REDUCING</b>	103	<b>WTTA SERIES – ASME THERMAL EXPANSION TANK</b>	124
<b>FP51 SERIES - GROOVED REDUCERS</b>	107	<b>WXTP SERIES – POTABLE WATER EXPANSION TANK</b>	123
<b>FP52 SERIES - ELBOWS – 90° STANDARD RADIUS, 90° SHORT RADIUS (S), 45° STANDARD RADIUS (-45), 22.5° STANDARD RADIUS (-22), 11.25° STANDARD RADIUS (-11), END OF RUN ADAPTER (GTF)</b>	104	<b>XT SERIES – POTABLE WATER EXPANSION TANK</b>	123
<b>FP53 SERIES - TEES – STANDARD RADIUS, SHORT RADIUS (S), REDUCING BRANCH</b>	105	<b>YBXL SERIES – WYE STRAINER</b>	66
<b>FP56 SERIES - CROSSES</b>	105	<b>Z2100/Z2105 SERIES – PRESSURE-TRU® FIRE HOSE VALVES</b>	94
<b>FP63 SERIES - MECHANICAL TEES – GROOVED (G), THREADED (TF), U-BOLT (LTF)</b>	106	<b>Z3000/Z3005 SERIES – PRESSURE-TRU® FIRE HOSE VALVES</b>	97
<b>FSC SERIES – WYE STRAINER</b>	67	<b>Z3004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES</b>	95
<b>FTD SERIES – TEST AND DRAIN VALVES</b>	100	<b>ZCSM-PF AND ZCSM-BTM – CONNECTED PRESSURE MONITOR (ZCSM-PF) WITH OPTIONAL CONNECTED FLOW METER (ZCSM-BTM)</b>	36
<b>GATEWAY</b>	34	<b>ZCSM-RP – CONNECTED REMOTE PRESSURE MONITOR</b>	122
<b>GATEWAY</b>	35	<b>ZW204 SERIES – NON-MODULATING FLOAT VALVE</b>	75
<b>GATEWAY</b>	36	<b>ZW205FP SERIES – FIRE PROTECTION PRESSURE RELIEF VALVE</b>	79
<b>GATEWAY</b>	122	<b>ZW205 SERIES – PRESSURE RELIEF, PRESSURE SUSTAINING VALVE</b>	74
<b>GENERAL TERMS AND CONDITIONS</b>	2	<b>ZW206 SERIES – SOLENOID CONTROL VALVE</b>	73
<b>HXT SERIES – HYDRONIC EXPANSION TANK</b>	124	<b>ZW207 SERIES – EXCESS PRESSURE SHUT-OFF VALVE</b>	72
<b>LARGE DIAMETER BACKFLOW PREVENTER REPAIR KITS</b>	130	<b>ZW209FP SERIES – FIRE PROTECTION PRESSURE REDUCING VALVE</b>	78
<b>LEAD FREE</b>	3	<b>ZW209 SERIES – PRESSURE REDUCING VALVE</b>	71
<b>MISCELLANEOUS PARTS AND REPAIR KITS</b>	134	<b>ZW215FP SERIES – FIRE PUMP SUCTION CONTROL VALVE</b>	80
<b>NR3XL SERIES – PRESSURE REDUCING VALVE</b>	85	<b>ZW218 SERIES – SLOW CLOSE CHECK VALVE</b>	76
<b>OSY-40 – GATE VALVE SUPERVISORY SWITCH KIT</b>	57	<b>ZW221/ZW222 SERIES – ALTITUDE LEVEL CONTROL VALVES</b>	77
<b>P1000AXL SERIES – PRESSURE RELIEF VALVE</b>	118	<b>ZW1017XL – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1017 POINT OF SOURCE)</b>	110
<b>P1500XL SERIES – CALIBRATED PRESSURE RELIEF VALVE</b>	118	<b>ZW1017XLHT – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1017 POINT OF SOURCE)</b>	111
<b>P1550XL SERIES – THERMAL EXPANSION PRESSURE RELIEF VALVE</b>	119	<b>ZW1070XL – AQUA-GARD® THERMOSTATIC MIXING VALVE (ASSE 1070 POINT OF USE)</b>	112
<b>P4000A – PRESSURE RELIEF VALVES</b>	102	<b>ZW3870XLT AND ZW3870XLT-4P – THERMOSTATIC MIXING VALVE (ASSE 1070 POINT OF USE)</b>	113
<b>PRESSURE REDUCING VALVE REPAIR KITS</b>	134	<b>ZW4000 SERIES – PRESSURE-TRU® FIRE HOSE VALVES</b>	96
<b>PRESSURE VACUUM BREAKER REPAIR KITS</b>	133	<b>ZW4004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES</b>	96
<b>QT/QTP – QUICK TEST BACKFLOW TEST FITTINGS</b>	134	<b>ZW4100 SERIES – PRESSURE-TRU® FIRE HOSE VALVES</b>	98
<b>QT-SET (BRASS) AND QTP (PLASTIC) – QUICK TEST FITTINGS</b>	61	<b>ZW4104 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES</b>	97
<b>RFK4X3-400ST – 4" X 3" SETTER ADAPTERS FOR 400ST SERIES</b>	63	<b>ZW5000 SERIES – PRESSURE-TRU® FIRE HOSE VALVES</b>	94
<b>RK-975TOOL – COMPLETE SET OF 950XL/975XL SEAT REMOVAL TOOLS</b>	135	<b>ZW5004 SERIES – PRESSURE-TRU® FIRE FLOOR CONTROL VALVES</b>	95
<b>RK-BVTOOL – BALL VALVE HANDLE SOCKETS 3/4", 1", 1-1/4", 1-1/2", AND 2"</b>	135	<b>ZWFR – FREEZE RELIEF VALVE</b>	56
<b>RP DETECTOR ASSEMBLY BYPASS REPLACEMENT KIT</b>	131		
<b>RPHBM REPAIR KITS</b>	135		
<b>RPHBM SERIES – HIGH CAPACITY HYDRANT BACKFLOW AND METER COMBINATION</b>	37		
<b>SECOND CHECK ASSEMBLY</b>	130		
<b>SMALL DIAMETER BACKFLOW PREVENTER REPAIR KITS</b>	132		
<b>SXL SERIES – WYE STRAINER</b>	67		
<b>TABLE OF CONTENTS BY PRODUCT CATEGORIES</b>	4		
<b>TABLE OF CONTENTS IN ALPHABETICAL ORDER</b>	138		

**Zurn Industries, LLC**  
511 West Freshwater Way  
Milwaukee, WI 53204

**Zurn Wilkins**  
1747 Commerce Way  
Paso Robles, CA 93446

In Canada  
**Zurn Industries Limited**  
7900 Goreway Drive, Unit 10  
Brampton, ON L6T 5W6, 877.892.5216

[ZURN.COM](http://ZURN.COM) [US 1.855.0NE.ZURN](tel:18550NEZURN) [CANADA 1.877.892.5216](tel:18778925216)

