

FEATURES

Maximum working water pressure	175 psi
Maximum working water temperature	180° F
Threaded connections (FNPT)	ANSI B1.20.1

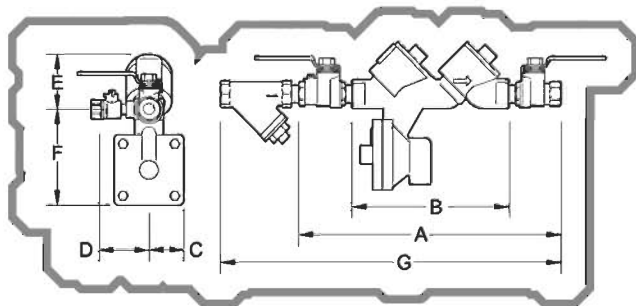
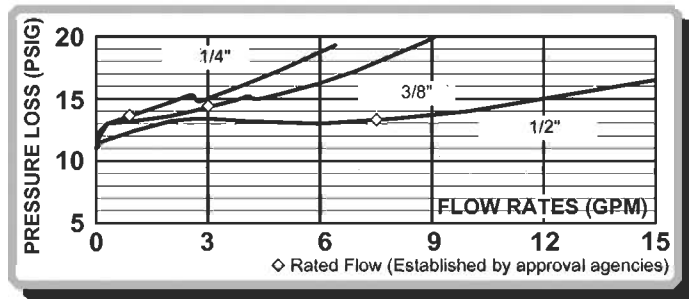
OPTIONS

- with full port ball valves (standard)
- L - less shut-off valves
- S - with bronze "Y" type strainer (1/2" only)
- TCU - with test cocks up
- FT - with integral male 45° flare SAE test fitting

ACCESSORIES

- Air gap (Model AG)
- Repair kit (rubber only)
- Thermal expansion tank (Model WXTP)
- Soft seated check valve (Model 40)
- Shock arrester (Model 1250)
- QT-SET Quick Test Fitting Set

FLOW CURVES



DIMENSIONS & WEIGHTS

SIZE	A	B	C	D	E	F	G	W/BV	L/BV
1/4	9 1/2	5 3/4	1 1/2	2 3/4	2	4	N/A	7	6
3/8	9 1/2	5 3/4	1 1/2	2 3/4	2	4	N/A	7	6
1/2	10	5 3/4	1 1/2	2 3/4	2	4	13 1/2	7	6

WILKINS

a ZURN company

Model 975XL

Double Check Valve Assembly 1/4" to 1/2"

APPLICATION

Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. The Model 975XL provides protection where a potential health hazard exists.

STANDARDS COMPLIANCE

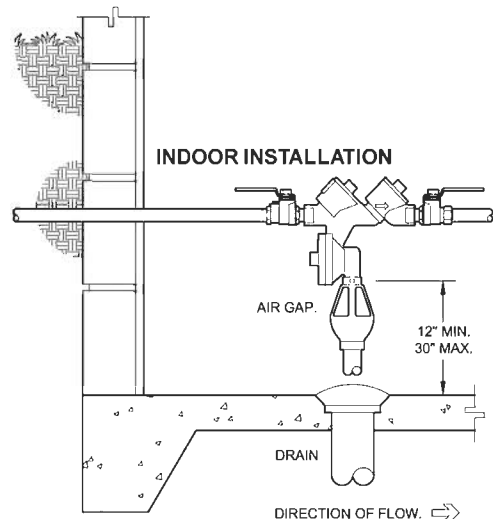
- ASSE® Listed 1013
- IAPMO® Listed
- CSA® Certified
- USC FCCC & HR

MATERIALS

Main valve body	Cast bronze ASTM B 584
Access covers	Cast bronze ASTM B 584
Internals	Stainless steel, 300 Series
Elastomers	Silicone (FDA approved) Buna nitrile (FDA approved)
Polymers	Noryl™, NSF Listed
Springs	Stainless steel, 300 series

TYPICAL INSTALLATION

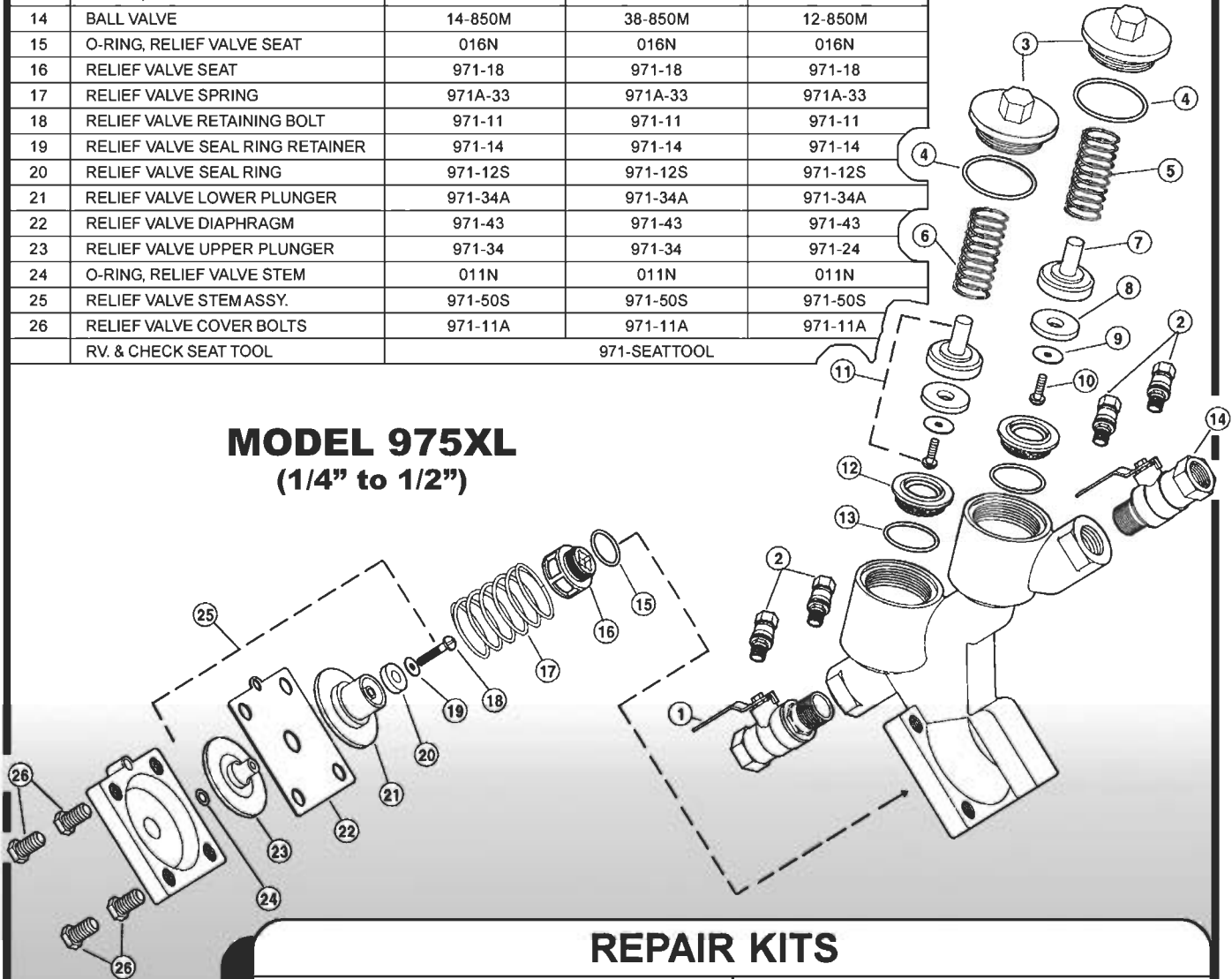
Local codes shall govern installation requirements. To be installed in accordance with the manufacturers' instructions and the latest edition of the Uniform Plumbing Code. Unless otherwise specified, the assembly shall be mounted at a minimum of 12 inches and a maximum of 30 inches above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged or where relief valve discharge could cause damage.



INDIVIDUAL PARTS

ITEM NO.	DESCRIPTION	1/4"	3/8"	1/2"
1	BALL VALVE, TAPPED	14-850TM	38-850TM	12-850TM
2	TEST COCK	18-860	18-860	18-860
3	CHECK COVER	971-3-010F	971-3-010F	971-3-010F
4	O-RING, COVER	123N	123N	123N
5	NO. 2 CHECK SPRING	951-33	951-33	951-33
6	NO. 1 CHECK SPRING	971-33	971-33	971-33
7	POPPET	951-30	951-30	951-30
8	SEAL RING	951-12S	951-12S	951-12S
9	SEAL RING RETAINER	951-14	951-14	951-14
10	RETAINING BOLT	951-11	951-11	951-11
11	POPPET ASSEMBLY	951-300S	951-300S	951-300S
12	CHECK SEAT	951-18	951-18	951-18
13	O-RING, CHECK SEAT	020N	020N	020N
14	BALL VALVE	14-850M	38-850M	12-850M
15	O-RING, RELIEF VALVE SEAT	016N	016N	016N
16	RELIEF VALVE SEAT	971-18	971-18	971-18
17	RELIEF VALVE SPRING	971A-33	971A-33	971A-33
18	RELIEF VALVE RETAINING BOLT	971-11	971-11	971-11
19	RELIEF VALVE SEAL RING RETAINER	971-14	971-14	971-14
20	RELIEF VALVE SEAL RING	971-12S	971-12S	971-12S
21	RELIEF VALVE LOWER PLUNGER	971-34A	971-34A	971-34A
22	RELIEF VALVE DIAPHRAGM	971-43	971-43	971-43
23	RELIEF VALVE UPPER PLUNGER	971-34	971-34	971-24
24	O-RING, RELIEF VALVE STEM	011N	011N	011N
25	RELIEF VALVE STEM ASSY.	971-50S	971-50S	971-50S
26	RELIEF VALVE COVER BOLTS	971-11A	971-11A	971-11A
	RV. & CHECK SEAT TOOL		971-SEATTOOL	

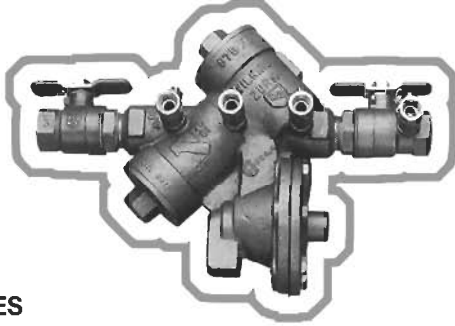
REPAIR KITS & INDIVIDUAL PARTS



MODEL 975XL (1/4" to 1/2")

REPAIR KITS

NO. RK14-975XL			REPAIR KIT COMPLETE Model 975XL 1/4", 3/8" & 1/2" Only			NO. RK14-975XLR			RUBBER REPAIR KIT Model 975XL 1/4", 3/8", 1/2" Only		
PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
951-12S	2	SEAL RING	951-12S	2	SEAL RING						
971-12S	1	RELIEF VALVE SEAL RING	971-12S	1	RELIEF VALVE SEAL RING						
971-43	1	DIAPHRAGM	971-43	1	DIAPHRAGM						
123N	2	O-RING, COVER	123N	2	O-RING, COVER						
011N	1	O-RING, RELIEF VALVE STEM	011N	1	O-RING, RELIEF VALVE STEM						
971-33	1	NO. 1 CHECK SPRING									
951-33	1	NO. 2 CHECK SPRING									
971A-33	1	RELIEF VALVE SPRING									



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Model 975XL Double Check Valve Assembly 3/4" to 2"

FEATURES

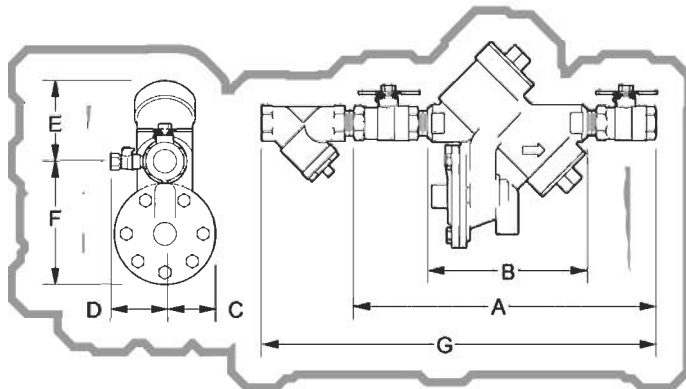
Maximum working water pressure	175 PSI
Maximum working water temperature	180°F
Hydrostatic test pressure	350 PSI
End connections Threaded	ANSI B1.20.1

OPTIONS

- with full port QT ball valves (standard)
- L - less ball valves
- U - with union ball valves
- MS - with integral relief valve monitor switch
- P - for reclaimed water systems
- S - with bronze "Y" type strainer
- BMS - with battery operated monitor switch
- FDC - with fire hydrant connection; 2" only
- TCU - with test cocks up
- V - with union swivel elbows
- SE - with street elbows
- RV - with test cocks supplied on the opposite side
- FT - with integral male 45° flare SAE test fitting

ACCESSORIES

- Air gap (Model AG)
- Repair kit (rubber only)
- Thermal expansion tank (Model WXTP)
- Soft seated check valve (Model 40)
- Shock arrester (Model 1250)
- QT-SET Quick Test Fitting Set



DIMENSIONS & WEIGHTS

SIZE	UNION		C	D	E	F	G	L\BV's	W\BV's	
	A	B								
3/4	12	14	7 3/4	2 1/8	3	3 1/2	5	15 3/4	10	12
1	13	14 1/4	7 3/4	2 1/8	3	3 1/2	5	17 3/4	10	14
1 1/4	17	19	10 15/16	2 3/4	3 1/2	5	6 3/4	22	22	28
1 1/2	17 3/8	20	10 15/16	2 3/4	3 1/2	5	6 3/4	23 1/8	22	28
2	18 1/2	21 1/4	10 15/16	2 3/4	3 1/2	5	6 3/4	25 1/2	22	34

APPLICATION

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

STANDARDS COMPLIANCE

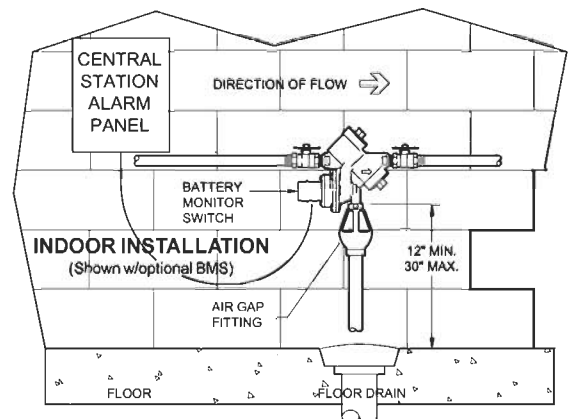
- ASSE® Listed 1013
- IAPMO® Listed
- UL® Classified (less shut-off valves or with OS&Y valves)
- C-UL® Classified
- CSA® Certified
- AWWA Compliant C511
- USC FCCC & HR

MATERIALS

Main valve body	Cast Bronze ASTM B 584
Access covers	Cast Bronze ASTM B 584
Fasteners	Stainless Steel, 300 Series
Elastomers	Silicone (FDA Approved)
	Buna Nitrile (FDA Approved)
Polymers	Noryl™, NSF Listed
Springs	Stainless steel, 300 series

TYPICAL INSTALLATION

Local codes shall govern installation requirements. To be installed in accordance with the manufacturers' instructions and the latest edition of the Uniform Plumbing Code. Unless otherwise specified, the assembly shall be mounted at a minimum of 12 inches and a maximum of 30 inches 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.



REPAIR KITS

NO. RK34-975XL REPAIR KIT COMPLETE Model 975XL 3/4" & 1" Only

PART NO.	QTY.	DESCRIPTION
952-12S	2	SEAL RING
972-12S	1	RELIEF VALVE SEAL RING
972-43	1	DIAPHRAGM
136N	2	O-RING, COVER
111N	1	O-RING, RELIEF VALVE STEM
972-33	1	NO. 1 CHECK SPRING
952-33	1	NO. 2 CHECK SPRING
972A-33	1	RELIEF VALVE SPRING

NO. RK34-975XLR RUBBER REPAIR KIT Model 975XL 3/4" & 1" Only

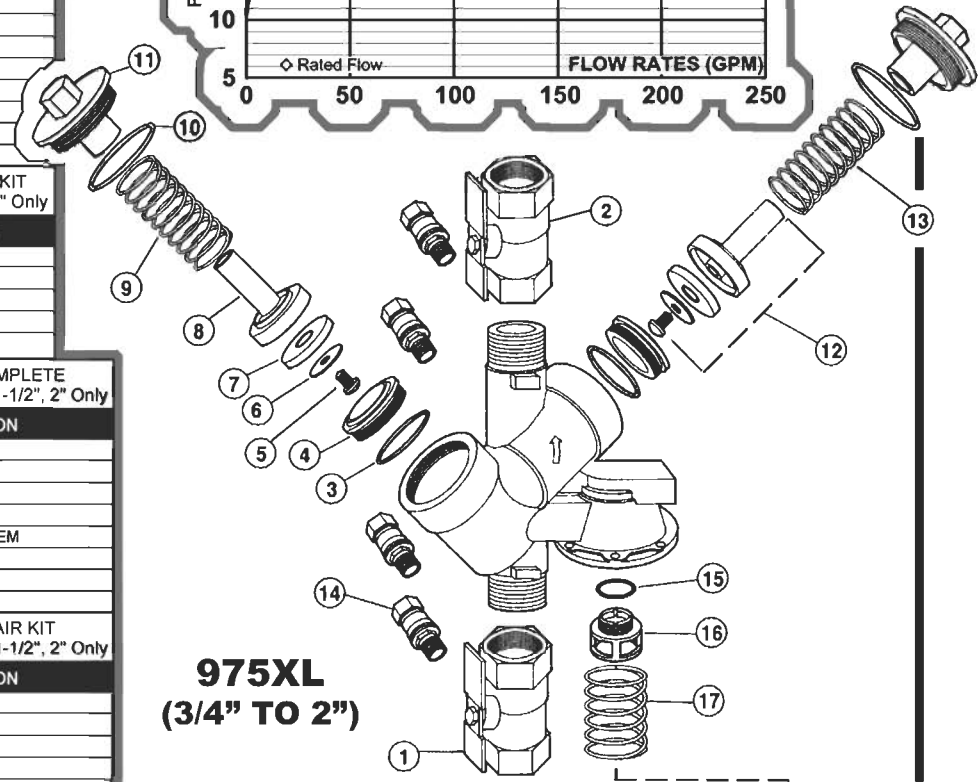
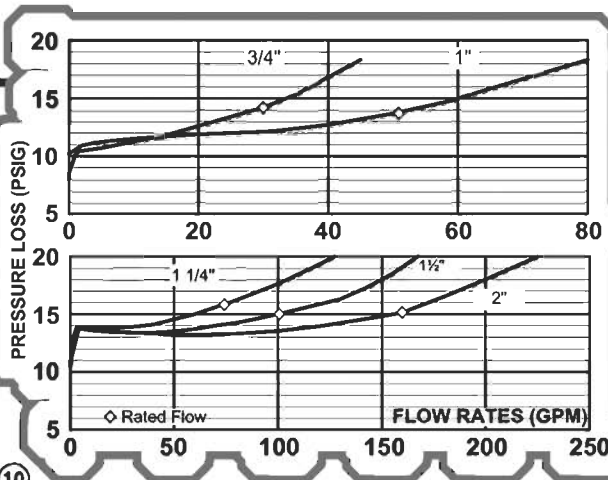
PART NO.	QTY.	DESCRIPTION
952-12S	2	SEAL RING
972-12S	1	RELIEF VALVE SEAL RING
972-43	1	DIAPHRAGM
136N	2	O-RING, COVER
111N	1	O-RING, RELIEF VALVE STEM

NO. RK114-975XL REPAIR KIT COMPLETE Model 975XL 1-1/4", 1-1/2", 2" Only

PART NO.	QTY.	DESCRIPTION
954-12S	2	SEAL RING
974-12S	1	RELIEF VALVE SEAL RING
974-43	1	DIAPHRAGM
153N	2	O-RING, COVER
121N	1	O-RING, RELIEF VALVE STEM
5754-33	1	NO. 1 CHECK SPRING
554-33	1	NO. 2 CHECK SPRING
974A-33	1	RELIEF VALVE SPRING

NO. RK114-975XLR RUBBER REPAIR KIT Model 975XL 1-1/4", 1-1/2", 2" Only

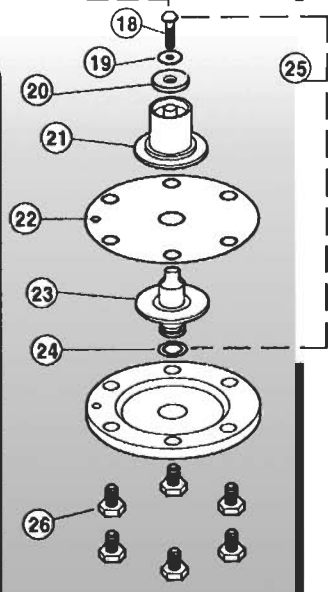
PART NO.	QTY.	DESCRIPTION
954-12S	2	SEAL RING
974-12S	1	RELIEF VALVE SEAL RING
974-43	1	DIAPHRAGM
153N	2	O-RING, COVER
121N	1	O-RING, RELIEF VALVE STEM

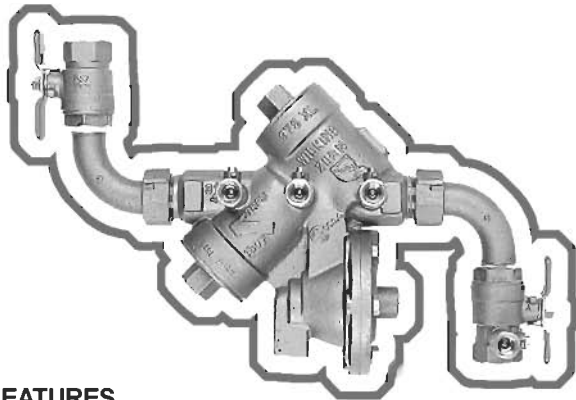


975XL (3/4" TO 2")

INDIVIDUAL PARTS

ITEM NO.	DESCRIPTION	3/4"	1"	1-1/4"	1-1/2"	2"
1	BALL VALVE, TAPPED	34-850T	1-850T	114-850T	112-850T	2-850T
2	BALL VALVE	34-850	1-850	114-850	112-850	2-850
3	O-RING, CHECK SEAT	125N	125N	142N	142N	142N
4	CHECK SEAT	952-18S	952-18S	954-18S	954-18S	954-18S
5	RETAINING BOLT	952-11	952-11	952-11	952-11	952-11
6	SEAL RING RETAINER	952-14	952-14	954-14	954-14	954-14
7	SEAL RING	952-12S	952-12S	954-12S	954-12S	954-12S
8	POPPET	952-30	952-30	954-30	954-30	954-30
9	NO. 1 CHECK SPRING	972-33	972-33	5754-33	5754-33	5754-33
10	O-RING, COVER	136N	136N	153N	153N	153N
11	CHECK COVER	952-3-010F	952-3-010F	954-3-010F	954-3-010F	954-3-010F
12	POPPEY ASSY.	952-300S	952-300S	954-300S	954-300S	954-300S
13	NO. 2 CHECK SPRING	952-33	952-33	554-33	554-33	554-33
14	TEST COCK	18-860	18-860	14-860	14-860	14-860
15	O-RING, RELIEF VALVE SEAT	019N	019N	029N	029N	029N
16	RELIEF VALVE SEAT	972-18	972-18	974-18	974-18	974-18
17	RELIEF VALVE SPRING	972A-33	972A-33	974A-33	974A-33	974A-33
18	RELIEF VALVE RETAINING BOLT	972-11A	972-11A	604B-11	604B-11	604B-11
19	RELIEF VALVE SEAL RING RETAINER	972-14	972-14	552-14	552-14	552-14
20	RELIEF VALVE SEAL RING	972-12S	972-12S	974-12S	974-12S	974-12S
21	RELIEF VALVE LOWER PLUNGER	972-34A	972-34A	974-34A	974-34A	974-34A
22	RELIEF VALVE DIAPHRAGM	972-43	972-43	974-43	974-43	974-43
23	RELIEF VALVE UPPER PLUNGER	972-34	972-34	974-34	974-34	974-34
24	O-RING, RELIEF VALVE STEM	111N	111N	121N	121N	121N
25	RELIEF VALVE STEM ASSY.	972-50S	972-50S	974-50S	974-50S	974-50S
26	RELIEF VALVE COVER BOLT	554-11A	554-11A	554-11A	554-11A	554-11A
	RV. & CHECK SEAT TOOL	972-SEATTOOL		974-SEATTOOL		





FEATURES

Maximum working water pressure	175 PSI
Maximum working water temperature	180°F
Hydrostatic test pressure	350 PSI
End connections Threaded	ANSI B1.20.1

OPTIONS

(Suffixes can be combined)

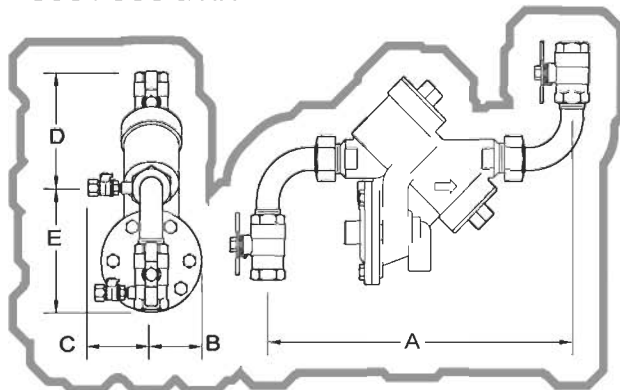
- with full port QT ball valves (standard)
- S - with bronze "Y" type strainer
- PRE-SET - with strainer, regulator or check valve

ACCESSORIES

- Air gap (Model AG)
- Repair kit (rubber only)
- Thermal expansion tank (Model WXTP)
- Soft seated check valve (Model 40)
- Shock arrester (Model 1250)
- QT-SET Quick Test Fitting Set

STANDARDS COMPLIANCE

- ASSE® Listed 1013
- IAPMO® Listed
- AWWA Compliant C511 (Horizontal and Vertical flow)
- CSA® Certified (Horizontal and Vertical flow)
- USC FCCC & HR



DIMENSIONS & WEIGHTS

SIZE	A	B	C	D	E	LBS
3/4	12 1/4	2 1/8	3	4 3/4	5	14
1	12 1/4	2 1/8	3	5	5 1/4	16

See Model 975XL for Repair Kits & Parts.

WILKINS

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Model 975XLV Double Check Valve Assembly 3/4" & 1"

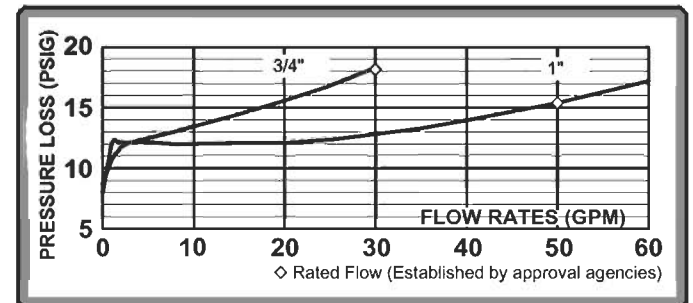
APPLICATION

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

MATERIALS

Main valve body	Cast Bronze ASTM B 584
Access covers	Cast Bronze ASTM B 584
Elbows	Cast Bronze ASTM B 584
Fasteners	Stainless Steel, 300 Series
Elastomers	Silicone (FDA approved) Buna Nitrile (FDA approved)
Polymers	Noryl™, NSF Listed
Springs	Stainless steel, 300 series

FLOW CURVES



TYPICAL INSTALLATION

Local codes shall govern installation requirements. To be installed in accordance with the manufacturers' instructions and the latest edition of the Uniform Plumbing Code. Unless otherwise specified, the assembly shall be mounted at a minimum of 12 inches and a maximum of 30 inches 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.

