LIST OF LEAD FREE DOUBLE CHECK ASSEMBLIES (DC), APPROVED FOR USE BY THE WATER QUALITY CONTROL BOARDS DIVISION OF DRINKING WATER FOR USE ON POTABLE WATER SERVICE CONNECTIONS USED TO PROTECT AGAINST NON-HEALTH HAZARDS (AESTHETICS) ONLY

Approval of backflow prevention assemblies used in potable water systems throughout California requires laboratory analysis and field verification by a third party testing facility (currently the University of Southern California Foundation for Cross Connection Control & Hydraulic Research (USC FCCC&HR) and also be ANSI lab certified as lead free. Effective 1/1/2010 California Assembly Bill 1953 requires all pipes, fittings and fixtures used to convey or dispense drinking water to be certified compliant with the less than 0.25% weighted average lead content standard.

Assemblies installed on potable water services after 1/1/2010 that do not meet the new requirements will not be accepted. Below is a list of assemblies that meet the new criteria. It is the responsibility of the customer to verify with the distributer or manufacturer that the backflow prevention assembly installed meets both requirements noted above.

Manufacturer	Model	Orientation	Sizes	Manufacturer	Model	Orientation	Sizes
Ames	2000SS	H	2 ½", 3", 4", 6", 8", 10"	Watts	LF709IOT	H	2 ½", 3", 4", 6", 8", 10"
	2000SS	H, VU	12"		LF709IOT	VU	4", 6", 8", 10"
	COLT 200	H, VU	2 ½", 3", 4", 6", 8", 10"		LF007M1QT	H, VU	1", 2"
	COLT 200N	VUVD	2 ½", 3", 4", 6", 8", 10"		LF007M2QT	H, VU	1 ¼",1 ½"
	LF2000BM1	H, VU	1", 2"		LF007M3QT	H, VU	¾"
	LF2000BM2	H, VU	1 ¼", 1 ½"		LF007M1PCQT	H, VU	1", 2"
	LF2000BM3	H, VU	¾"		LF007M3PCQT	H, VU	¾"
	MAXIM 200	H, VU	2 ½", 3", 4", 6", 8", 10"		LF709	H	2 ½", 3"
	MAXIM 200N	VUVD	2 ½", 3", 4", 8"		LF709	H, VU	4", 6", 8", 10"
	Deringer 20 & 20G	H, VU	2 ½", 3", 4", 8"		LF719AQT	VUVD	1", 1 ¼", 1 ½", 2"
	Deringer 20GX & 20X	H, VU	2 ½", 3", 4", 8"		LF719QT	H, VD, VU	¾", 1", 1 ¼", 1 ½", 2"
Apollo/ Conbraco	DCLF4A	H, VU	¾", 1", 1 ¼", 1 ½", 2, 2½", 3", 4", 6", 8"		LFU719QT	H, VD, VU	1", 1 ¼", 1 ½", 2"
	DCLF4AN	VUVD	2 ½", 3", 4", 6", 8"		Magnum 20	H, VU	2 ½", 3", 4", 6", 8"
	DCLF4AY	H, VU	¾", 1"		Magnum 20G	H, VU	2 ½", 3", 4", 6", 8"
	DCLF4SG	H, VU	2 ½", 3", 4", 6"		SS007M1QT	H, VU	1"
ARI	DC500	H	¾", 1", 1¼", 1½", 2"		SS007M3QT	H, VU	¾"
	DC501	H	¾", 1", 1¼", 1½", 2"	Wilkins	350	H, VU	2 ½", 3", 4", 6", 8", 10"
Backflow Direct	Magnum 20 & 20G	H, VU	2 ½", 3", 4", 6", 8"		350	H	12"
	Magnum 20GX & 20X	H, VU	6"		350A	H, VU	2 ½", 3", 4", 6", 8", 10"
Febco	LF850	H, VD, VU	¾", 1", 1 ¼", 1 ½", 2, 2½", 3", 4", 6", 8", 10"		350AR	H, VU	2 ½", 3", 4", 6", 8", 10"
	LF850U	H, VD, VU	¾", 1", 1 ¼", 1 ½", 2"		350AST	H, VU	2 ½", 3", 4", 6", 8", 10"
	LF870V	VUVU, VUVD	2 ½", 3", 4", 6", 8", 10"		350ASTR	H, VU	2 ½", 3", 4", 6", 8", 10"
	LF870W	VUVU, VUVD	4", 6", 8", 10"		350AXL	H, VU	2 ½", 3", 4", 6", 8", 10"
	LF870WZ	VUVU, VUVD	4", 6", 8", 10"		350ARXL	H, VU	2 ½", 3", 4", 6", 8", 10"
	007	VU	2 ½", 3"		350XL	H, VU	2 ½", 3", 4", 6", 8", 10"
Watts	007M1-FP	H	1", 2"		350XL	H	12"
	007M1PCQT	H	¾", 1", 1 ½"		450	VUVD	2 ½", 3", 4", 6", 8", 10"
	757	H, VU	2 ½", 3", 4", 6", 8", 10"		450ST	VUVD	4", 6", 8", 10"
	757N	VUVD	2 ½", 3", 4", 6", 8", 10"		450STR	VUVD	4", 6", 8", 10"
	757QT	H, VU	2 ½", 3", 4"		450XL	VUVD	2 ½", 3", 4", 6", 8", 10"
	757NQT	VUVD	2 ½", 3", 4"		950XLD	H, VU	¾"
	767N	VUVD	6"		950XLT2	H	¾", 1", 1 ¼", 1 ½", 2"
	774	VU	12"		950XLT2U	H	¾"
	774	H	2 ½", 3", 4", 6", 8", 10"		950XL3	H, VU	¾", 1", 1 ¼", 1 ½", 2"
	LF007	H	2 ½", 3"		950XL3BFSS	H, VU	2"
	LF007IOT	H	2 ½", 3"		950XL3U	H, VU	¾", 1", 1 ¼", 1 ½", 2"

Orientation: H=Horizontal, VD=Vertical Down, VUVU=Vertical Up Vertical Up, VU=Vertical Up, VUVD=Vertical Up Vertical Down
VDVU=Vertical Down Vertical Up, VDVD=Vertical Down Vertical Down, HVD=Horizontal Vertical Down, VUH=Vertical Up Horizontal

Assemblies must be installed only in an orientation for which they are approved.

Refer to local building department for permit requirements. Installing a backflow prevention assembly creates a closed piping system. It is the customers responsibilty to have a qualified plumbing professional install thermal expansion protection to prevent personal injury or property damage. The specific size of backflow prevention assembly should be selected based on flow requirements. Pressure losses vary between sizes and manufacturers. Pressure losses at rated flow must be accounted for during system design. All installations must be in accordance with the California Plumbing Code and the requirements of California Water Service Company (Cal Water). The list provided by Cal Water is not an endorsement of any specific backflow prevention assembly. Cal Water has no financial interest in any of the companies listed.

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