

Charlotte Water  
List of Approved Backflow Assemblies

Manufacturer	Type	Size	Model Number	Lead Free	Vertical Installation Allowed	Fire Rated
				(Y = yes, N = no)		
Ames	RP	¾", 1", 1 ½", 2"	LF4000B	N	N	N
Ames	RP	¾", 1", 1 ½", 2"	LF4000B	Y	N	N
Ames	RP	1", 1 ½", 2"	LF4000BM2	Y	N	N
Ames	RP	¾"	LF4000BM3	Y	N	N
Ames	RP	2 ½", 3", 4", 6", 8", 10"	4000SS, MAXIM 400N, MAXIM 400Z	N	N	Y
Ames	RP	2 ½", 3", 4", 6", 8", 10"	COLT 400,	N	N	Y
Ames	RP	2 ½", 3", 4", 6", 8", 10"	COLT 400 RP BFG	Y	N	Y
Ames	RP	4", 6", 8", 10"	COLT 400N, COLT 400Z	N	N	Y
Ames	RP	2 ½", 3", 4", 6", 8"	DERINGER 40	N	N	Y
Ames	RP	6"	DERINGER 40GX	N	N	Y
Ames	DC	¾"	2000M3	N	Y	N
Ames	DC	1", 1 ½", 2"	2000B	N	Y	N
Ames	DC	1", 1 ½", 2"	LF2000B	Y	Y	N
Ames	DC	¾"	LF2000BM3	Y	Y	N
Ames	DC	1", 2"	2000BM1-FP	N	Y	Y
Ames	DC	1", 2"	LF2000BM1-FP	Y	Y	Y
Ames	DC	1 ½"	2000BM2-FP	N	Y	Y
Ames	DC	1 ½"	LF2000BM2-FP	Y	Y	Y
Ames	DC	2 ½", 3", 4", 6", 8", 10", 12"	2000SS	N	N	Y
Ames	DC	2 ½", 3", 4", 6", 8", 10"	COLT 200, COLT 200N	N	Y	Y
Ames	DC	2 ½", 3", 4", 6", 8"	DERINGER 20[G], Magnum 20[G]	N	Y	Y
Ames	DC	6"	DERINGER 20[G]X, Magnum 20[G]X	N	Y	Y
Ames	DC	2 ½", 3", 4", 6", 8", 10"	MAXIM 200	Y	Y	N
Ames	DC	2 ½", 3", 4", 6", 8"	MAXIM 200N, MAXIM 200N	Y	N	N
Apollo/Conbraco	RP	¾", 1", 1 ½"	RP4A	N	N	N
Apollo/Conbraco	RP	¾", 1", 1 ½", 2"	RPLF4A	Y	N	N
Apollo/Conbraco	RP	2 ½", 3", 4", 6", 8", 10", 12"	RPLF4A, RPLF4AN	Y	N	Y
Apollo/Conbraco	DC	¾", 1", 1 ½", 2"	DC4A	N	Y	N
Apollo/Conbraco	DC	¾", 1", 1 ½", 2"	DCLF4A	Y	Y	N
Apollo/Conbraco	DC	2 ½", 3", 4", 6", 8", 10"	DCLF4A	Y	Y	Y
Apollo/Conbraco	DC	2 ½", 3", 4", 6", 8", 10"	DCLF4AN	Y	N	Y
Apollo/Conbraco	DC	2 ½", 3", 4", 6"	DCLF4ASG	Y	Y	Y
Apollo/Conbraco	DC	10"	DC4S, DC4S-N	N	Y	Y
Apollo/Conbraco	DC	2 ½", 3", 4", 6", 8", 10"	DC4SG	N	Y	Y
Apollo/Conbraco	DC	2 ½", 3", 4", 6"	DCLF4SG	Y	Y	Y
ARI (Aquestia)	RP	¾", 1", 1 ½", 2"	RP-500, RP-501	Y	N	N
ARI (Aquestia)	DC	¾", 1", 1 ½", 2"	DC-500, DC-501	Y	N	N
Backflow Direct	RP	2 ½", 3", 4", 8"	DERINGER 40[G], MAGNUM 40[G]	N	Y	Y
Backflow Direct	RP	6"	DERINGER 40[G]X, MAGNUM 40[G]X	N	Y	Y
Backflow Direct	DC	2 ½", 3", 4", 8"	DERINGER 20[G], MAGNUM 20[G]	N	Y	Y
Backflow Direct	DC	6"	DERINGER 20[G]X, MAGNUM 20[G]X	N	Y	Y
BEECO	RP	¾", 1", 1 ½", 2 ½", 3", 4", 6"	FRP	N	N	N
Febco	RP	¾", 1", 1 ½"	825Y, 860	N	N	N
Febco	RP	¾", 1", 1 ½"	LF825Y, LF825YA, LF860	Y	N	N
Febco	RP	2 ½", 3", 4", 6", 8", 10"	860	N	N	Y
Febco	RP	2 ½", 3", 4", 6", 8", 10"	LF860	Y	N	Y
Febco	RP	2 ½", 3", 4", 6", 8", 10"	880V,	N	Y	Y
Febco	RP	2 ½", 3", 4", 6", 8", 10"	LF880V, LF880W, LF880WZ	Y	Y	Y
Febco	RP	2 ½", 3", 4", 6", 8", 10"	880V	N	Y	Y
Febco	DC	¾", 1", 1 ½"	805Y, 805YB, 850	N	N	N
Febco	DC	¾", 1", 1 ½", 2"	LF805Y, LF850, LF850U	Y	N	N
Febco	DC	¾"	850-F	N	Y	N
Febco	DC	¾"	LF850-F	Y	Y	N
Febco	DC	2 ½", 3", 4", 6", 8", 10"	850	N	Y	Y
Febco	DC	2 ½", 3", 4", 6", 8", 10"	LF850	Y	Y	Y
Febco	DC	¾", 1", 1 ½"	850U,	N	Y	N
Febco	DC	¾", 1", 1 ½"	LF850U	Y	Y	N
Febco	DC	2 ½", 3", 4", 6", 8"	870V	N	Y	Y
Febco	DC	2 ½", 3", 4", 6", 8", 10"	LF870V, LF870W, LF870WZ	Y	Y	Y
Watts	RP	¾"	009-FP, 009M3QT, SS009M3QT, U009M2QT	N	N	N
Watts	RP	2 ½", 3"	009 (LF),	Y	N	N
Watts	RP	¾", 1", 1 ½"	009QT, 009QT-PC, 009QT-U	N	N	N
Watts	RP	¾", 1", 1 ½", 2"	009M2QT, 009M2QT	N	N	N
Watts	RP	¾"	LF009M3QT	Y	N	N
Watts	RP	¾"	LF009M3-FP	Y	N	N
Watts	RP	1", 1 ½", 2"	LF009M3FP, LF009M3FP-PC	Y	N	N

Charlotte Water  
List of Approved Backflow Assemblies

Manufacturer	Type	Size	Model Number	Lead Free	Vertical Installation Allowed	Fire Rated
				(Y = yes, N = no)		
Watts	RP	1"	SS009QT	N	N	N
Watts	RP	3/4", 1", 1 1/2"	U009QT, U009QT-PC	N	N	N
Watts	RP	3/4", 1"	U009AQT, U009AQT-PC	N	N	N
Watts	RP	1"	U009M1AQT, U009M1AQT-PC	N	N	N
Watts	RP	1 1/2", 1 1/2", 2"	U009M1QT, U009M1QT-PC	N	N	N
Watts	RP	2"	U009M2QT	N	N	N
Watts	RP	1 1/2", 1 1/2", 2"	U009M2QT, U009M2QT-PC	N	N	N
Watts	RP	3/4"	U009M2QT-PC	N	N	N
Watts	RP	2 1/2", 3", 4", 6"	909	N	N	N
Watts	RP	2 1/2", 3"	909BB	N	N	N
Watts	RP	8", 10"	909M1	N	N	N
Watts	RP	1 1/2", 2"	909 M1QT	N	N	N
Watts	RP	8", 10"	LF909M1	Y	N	N
Watts	RP	2 1/2", 3", 4", 6"	LF909	Y	N	N
Watts	RP	3/4", 1"	LF909QT	Y	N	N
Watts	RP	1 1/2", 2"	LF909M1QT	Y	N	N
Watts	RP	3/4", 1", 1 1/2", 2"	LF909 QT	Y	N	N
Watts	RP	1 1/2", 2"	LF909 M1QT	Y	N	N
Watts	RP	3/4", 1", 1 1/2", 2"	LF919QT, LF919AQT, LFU919QT, LFU919AQT	Y	N	N
Watts	RP	4", 6", 8", 10	957	N	N	Y
Watts	RP	2 1/2", 3", 4", 6", 8", 10"	957N, 957Z	N	N	Y
Watts	RP	2 1/2", 3", 4", 6", 8", 10"	LF957	Y	N	Y
Watts	RP	2 1/2", 3", 8", 4", 6", 10"	967, 967Z	N	Y	Y
Watts	RP	2 1/2", 3", 8", 4", 6", 10"	994	N	N	N
Watts	RP	2 1/2", 3", 4", 6"	Magnum 40[G]	N	N	N
Watts	DC	2 1/2", 3"	007	N	N	Y
Watts	DC	3/4"	007QT, 007QT-PC	N	N	Y
Watts	DC	1", 2"	007M1QT, U007M1AQT	N	Y	N
Watts	DC	3/4", 1 1/2"	007M2QT, U007M2AQT	N	Y	N
Watts	DC	3/4", 1", 2"	LF007M1FP, LF007M1FP-PC	Y	Y	N
Watts	DC	3/4", 1 1/2"	LF007M2FP, LF007M2FP-PC	Y	Y	N
Watts	DC	2"	LF007M1QT	Y	Y	N
Watts	DC	1 1/2", 1 1/2"	LF007M2QT	Y	Y	N
Watts	DC	3/4"	LF007M3QT	Y	Y	N
Watts	DC	3/4", 1 1/2"	LF007M1AQT	Y	Y	N
Watts	DC	3/4", 1", 1 1/2"	U007M1QT, U007M1QT-PC	N	Y	N
Watts	DC	2 1/2", 3", 4", 6", 8", 10"	709, 757	N	Y	N
Watts	DC	3/4", 1", 1 1/2", 2"	719QT	N	Y	N
Watts	DC	3/4"	719QTR10	N	Y	N
Watts	DC	1", 1 1/2", 2"	719AQT	N	Y	N
Watts	DC	2 1/2", 3", 4", 6", 8", 10"	757, 757N, 767N	N	N	Y
Watts	DC	2 1/2", 3", 4", 6"	757a, 757Na	N	N	Y
Watts	DC	2 1/2", 3", 4"	757aQT, 757NaQT, 757NQT, 757QT, 7678a,	N	N	Y
Watts	DC	1 1/2", 2 1/2", 3", 4", 6", 8", 10"	767	N	N	Y
Watts	DC	8", 10"	774	N	Y	N
Watts	DC	4", 6", 8", 10"	774	N	N	Y
Watts	DC	2 1/2", 3", 4", 6", 8"	774X	N	N	N
Watts	RP	2 1/2", 3", 4", 6"	Magnum 20[G]	N	N	N
Wilkins	RP	3/4", 1", 1 1/2", 2"	375, 375XL	Y	N	N
Wilkins	RP	2 1/2", 3", 4", 6", 8", 10"	375, 375A, 375AST, 375ASTR, 375ASTMS	Y	N	Y
Wilkins	RP	2 1/2", 3", 4", 6", 8", 10"	375, 375A, 375AST, 375ASTR, 375ASTMS	Y	N	Y
Wilkins	RP	2 1/2", 3", 4", 6", 8", 10"	475, 475MS, 475V, 475VMS	Y	N	Y
Wilkins	RP	3/4", 1", 1 1/2", 2"	975XL, 975XL2, 975XLMS, 975XL2MS,	Y	N	Y
Wilkins	RP	3/4", 1", 1 1/2", 2"	975XLU, 975XL2U, 975XLBMS, 975XL2BMS	Y	N	Y
Wilkins	RP	3/4", 1", 1 1/2", 2"	975XL3, 975XL3U, 975XL3SE, 975XL2BMS	Y	N	Y
Wilkins	RP	3/4", 1"	975XL3SE, 975XL3SEU	Y	N	Y
Wilkins	RP	1 1/2", 2"	975XLBF, 975XLBMS, 975XLSE, 975XL2SE	Y	N	Y
Wilkins	RP	1 1/2", 2"	975XLBFSS, 975XLSE	Y	N	Y
Wilkins	DC	3/4", 1", 1 1/2", 2"	350, 350XL	Y	Y	N
Wilkins	DC	2 1/2", 3", 4", 6", 8", 10"	350, 350A, 350AR	Y	Y	N
Wilkins	DC	12"	350	Y	N	N
Wilkins	DC	2 1/2", 3", 4", 6", 8", 10", 12"	350 OS&Y	Y	Y	Y
Wilkins	DC	4", 6", 8"	350A OS&Y	Y	Y	Y
Wilkins	DC	2 1/2", 3", 4", 6"	350AST, 350ASTR	Y	Y	N
Wilkins	DC	2 1/2", 3", 4", 6"	350AST OS&Y	Y	Y	Y
Wilkins	DC	3/4", 1", 1 1/2", 2"	950XLT2	Y	N	N
Wilkins	DC	3/4"	950XLT2U	Y	N	N
Wilkins	DC	4", 6", 8", 10"	450, 450ST	Y	N	N
Wilkins	DC	4", 6", 8", 10"	450 OS&Y, 450ST OS&Y	Y	N	Y
Wilkins	DC	3/4", 1", 1 1/2", 2"	950XL, 950XLT	N	N	N
Wilkins	DC	4", 6", 8", 10"	950R OS&Y	N	Y	Y