

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	4", 6"	4000SS OS&Y	Y	N	Y
Ames	RP	4"	MAXIM 400N OS&Y	Y	N	Y
Ames	RP	4", 6", 8", 10"	COLT 400 OS&Y, MAXIM 400 OS&Y	Y	N	Y
Ames	RP	1", 1 1/2", 2"	LF4000BM2	Y	N	N
Ames	RP	3/4"	LF4000BM3	Y	N	N
Ames	RP	2 1/2", 3", 4", 6"	4000SS, MAXIM 400N	Y	N	N
Ames	RP	2 1/2", 3", 4", 6", 8", 10"	COLT 400, MAXIM 400	Y	N	N
Ames	RP	4", 6"	COLT 400BF	Y	N	N
Ames	RP	2 1/2", 3", 4", 6", 8"	COLT 400N	Y	N	N
Ames	RP	2 1/2", 3", 4", 8"	COLT 400Z	Y	N	N
Ames	RP	2 1/2", 3", 6"	MAXIM 400Z	Y	N	N
Ames	RP	4", 6", 8", 10"	4000 RP OS&Y	N	N	Y
Ames	RP	3/4", 1", 1 1/2", 2"	4000B	N	N	N
Ames	RP	3/4", 1", 1 1/2", 2"	400B, 400B-A, 400B-Z	N	N	N
Ames	RP	4", 6", 8", 10"	4000 RP	N	N	N
Ames	DC	2 1/2", 3", 4", 6", 8", 10"	2000SS OS&Y	Y	N	Y
Ames	DC	8"	COLT 200 OS&Y	Y	Y	Y
Ames	DC	4", 6", 8", 10"	MAXIM 200 OS&Y	Y	Y	Y
Ames	DC	1", 2"	LF2000BM1	Y	Y	N
Ames	DC	1 1/2"	LF2000BM2	Y	Y	N
Ames	DC	3/4"	LF2000BM3, LF2000B	Y	Y	N
Ames	DC	2 1/2", 3", 4", 6", 8", 10"	2000SS	Y	N	N
Ames	DC	12"	2000SS	Y	Y	N
Ames	DC	2 1/2", 3", 4", 6", 8"	COLT 200	Y	Y	N
Ames	DC	10"	COLT 200	Y	N	N
Ames	DC	2 1/2", 3", 4", 6", 8", 10"	COLT 200N	Y	N	N
Ames	DC	2 1/2", 3", 4", 6", 8", 10"	MAXIM 200	Y	Y	N
Ames	DC	2 1/2", 3", 4", 6", 8"	MAXIM 200N	Y	N	N
Ames	DC	6", 8"	2000DCA OS&Y, 2000SE OS&Y	N	N	Y
Ames	DC	4"-10"	2000DCA OS&Y	N	N	Y
Ames	DC	4", 6"	COLT 200a OS&Y	N	Y	Y
Ames	DC	4", 6"	COLT 200Na OS&Y	N	N	Y
Ames	DC	4"	MAXIM200a OS&Y, MAXIM200Na OS&Y	N	N	Y
Ames	DC	3/4", 1", 1 1/2", 2"	2000B, 200B	N	Y	N
Ames	DC	1", 1 1/2", 2"	200B-A	N	N	N
Ames	DC	2 1/2", 3", 4"	2000 DCA	N	N	N
Ames	DC	6", 8"	2000 DCA, 2000SE	N	N	N
Ames	DC	10"	2000DCA	N	N	N
Ames	DC	2 1/2", 3", 4", 6"	COLT200a	N	Y	N
Ames	DC	2 1/2", 3", 4", 6"	COLT200Na	N	N	N
Ames	DC	2 1/2", 3", 4"	MAXIM200a	N	Y	N
Ames	DC	2 1/2", 3", 4"	MAXIM200Na	N	N	N
ARI	RP	3/4", 1", 1 1/2", 2"	RP-500	Y	N	N
ARI	DC	3/4", 1", 1 1/2", 2"	RP-500	Y	N	N
Backflow Direct	RP	2 1/2", 3", 4"	DERINGER 40	Y	Y	Y
Backflow Direct	DC	2 1/2", 3", 4", 8"	DERINGER 20	Y	Y	Y
Backflow Direct	DC	6"	DERINGER 20X	Y	Y	Y
Cla-Val	RP	3/4", 1", 1 1/2", 2"	RP6LW, RP6VW	N	N	N
Cla-Val	RP	2 1/2", 3"	RP7LW, RP7LY, RP8NW	N	N	N
Cla-Val	RP	4", 6", 8"	RP7LW, RP7LY, RP8NW, RP8LW	N	N	N
Cla-Val	RP	2 1/2", 3", 4", 6"	RP8VW	N	Y	N
Cla-Val	RP	10"	RP7LW, RP7LY	N	N	N
Cla-Val	RP	4", 6", 8", 10"	RP7LY OS&Y	N	N	Y
Cla-Val	RP	4", 6", 8"	RP8LW OS&Y, RP8NW OS&Y	N	N	Y
Cla-Val	RP	4", 6"	RP8VW OS&Y	N	N	Y
Cla-Val	RP	6", 8", 10"	RP-4	N	N	N
Cla-Val	RP	6", 8", 10"	RP-4 OS&Y	N	N	Y
Cla-Val	DC	3/4", 1", 1 1/2", 2"	DC6LW	N	N	N
Cla-Val	DC	2 1/2", 3", 10"	DC7LW, DC7LY, DC8NW	N	N	N
Cla-Val	DC	4", 6", 8"	DC7LW, DC7LY, DC8NW, DC8LY	N	N	N
Cla-Val	DC	4", 6", 8"	DC8LW	N	Y	N
Cla-Val	DC	4"-10"	DC7LY OS&Y	N	N	Y
Cla-Val	DC	4", 6"	DC8LW OS&Y	N	Y	Y
Cla-Val	DC	8"	DC8LW OS&Y	N	N	Y
Cla-Val	DC	4", 6", 8", 10"	DC8NW OS&Y	N	N	Y

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Conbraco/Apollo	RP	1 1/2", 2"	RPLF40	Y	N	N
Conbraco/Apollo	RP	3/4", 1", 1 1/2", 2"	RPLF40A	Y	N	N
Conbraco/Apollo	RP	3/4", 1", 1 1/2", 2"	RPLF4A	Y	N	N
Conbraco/Apollo	RP	2 1/2", 3", 4", 6", 8"	RPLF4A, RPLF4AN	Y	N	Y
Conbraco/Apollo	RP	3/4"	40-204-02, A2, A2Z, A2U, A2T, 99T, T2	N	N	N
Conbraco/Apollo	RP	1"	40-205-02, A2, A2Z, A2U, A2T, 99T, T2	N	N	N
Conbraco/Apollo	RP	1 1/2"	40-207-02, A2, A2Z, A2U, A2T, 99T, T2	N	N	N
Conbraco/Apollo	RP	2"	40-208-02, A2, A2Z, A2U, A2T, 99T, T2	N	N	N
Conbraco/Apollo	RP	3/4", 1", 1 1/2", 2"	RP40, RP4A	N	N	N
Conbraco/Apollo	RP	2 1/2"	40-209-02	N	N	N
Conbraco/Apollo	RP	3"	40-200-02	N	N	N
Conbraco/Apollo	RP	4"	40-20A-02	N	N	N
Conbraco/Apollo	RP	6"	40-20C-02	N	N	N
Conbraco/Apollo	RP	8"	40-20E-02	N	N	N
Conbraco/Apollo	RP	10"	40-20G-02	N	N	N
Conbraco/Apollo	RP	4"	40-20A-03	N	N	Y
Conbraco/Apollo	RP	6"	40-20C-03	N	N	Y
Conbraco/Apollo	RP	8"	40-20E-03	N	N	Y
Conbraco/Apollo	RP	10"	40-20G-03	N	N	Y
Conbraco/Apollo	DC	3/4", 1", 1 1/2", 2"	DCLF4A	Y	Y	N
Conbraco/Apollo	DC	2 1/2", 3", 4", 6", 8"	DCLF4A	Y	Y	N
Conbraco/Apollo	DC	2 1/2", 3", 4", 6", 8"	DCLF4A OS&Y	Y	Y	Y
Conbraco/Apollo	DC	2 1/2", 3", 4", 6", 8"	DCLF4AN	Y	Y	N
Conbraco/Apollo	DC	2 1/2", 3", 4", 6", 8"	DCLF4AN OS&Y	Y	N	Y
Conbraco/Apollo	DC	3/4"	40-104-02, A2, A2T, 99T, T2	N	N	N
Conbraco/Apollo	DC	1"	40-105-02, A2, A2T, 99T, T2	N	N	N
Conbraco/Apollo	DC	1 1/2"	40-107-02, A2, A2T, 99T, T2	N	N	N
Conbraco/Apollo	DC	2"	40-108-02, A2, A2T, 99T, T2	N	N	N
Conbraco/Apollo	DC	3/4", 1", 1 1/2", 2"	DC4A	N	Y	N
Conbraco/Apollo	DC	2 1/2"	40-109-02	N	N	N
Conbraco/Apollo	DC	3"	40-100-02	N	N	N
Conbraco/Apollo	DC	4"	40-10A-02	N	N	N
Conbraco/Apollo	DC	6"	40-10C-02	N	N	N
Conbraco/Apollo	DC	8"	40-10E-02	N	N	N
Conbraco/Apollo	DC	10"	40-10G-02	N	N	N
Conbraco/Apollo	DC	2 1/2"	2 1/2-DC, 4SG-100, 4SG-100U	N	Y	N
Conbraco/Apollo	DC	3"	3-DC, 4SG-100, 4SG-100U	N	Y	N
Conbraco/Apollo	DC	4"	4-DC, 4SG-100, 4SG-100U	N	Y	N
Conbraco/Apollo	DC	6"	6-DC, 4SG-100, 4SG-100U	N	Y	N
Conbraco/Apollo	DC	8"	8-DC, 4SG-100, 4SG-100U	N	Y	N
Conbraco/Apollo	DC	10"	10-DC	N	Y	N
Conbraco/Apollo	DC	2 1/2"	40-109-03	N	N	Y
Conbraco/Apollo	DC	2 1/2"	2 1/2-DC OS&Y, 4SG-100 OS&Y, 4SG-100U OS&Y	N	Y	Y
Conbraco/Apollo	DC	4"	40-10A-03	N	N	Y
Conbraco/Apollo	DC	4"	4-DC OS&Y, 4SG-100 OS&Y, 4SG-100U OS&Y	N	Y	Y
Conbraco/Apollo	DC	6"	40-10C-03	N	N	Y
Conbraco/Apollo	DC	6"	6-DC OS&Y, 4SG-100 OS&Y, 4SG-100 OS&Y	N	Y	Y
Conbraco/Apollo	DC	8"	40-10E-03	N	N	Y
Conbraco/Apollo	DC	8"	8-DC OS&Y, 4SG-100 OS&Y, 4SG-100U OS&Y	N	Y	Y
Conbraco/Apollo	DC	10"	40-10G-03	N	N	Y
Conbraco/Apollo	DC	10"	10-DC	N	Y	Y

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Febco	RP	¾", 1", 1 ½", 2"	LF825Y, LF825YA, LF860, LF860U	Y	N	N
Febco	RP	2 ½", 3", 4", 6", 8", 10"	760, LF860	Y	N	N
Febco	RP	2 ½", 3", 4", 6", 8", 10"	LF860 OS&Y	Y	N	Y
Febco	RP	2 ½", 3", 4"	760N, 760Z	Y	N	Y
Febco	RP	2 ½", 3", 4", 6", 8"	LF880V	Y	Y	N
Febco	RP	2 ½", 3", 4", 6", 8"	LF880V OS&Y	Y	Y	Y
Febco	RP	¾", 1", 1 ½", 2"	825Y-BV, 825YA-BV, 860-BV, 860U-BV	N	N	N
Febco	RP	2 ½", 3", 4", 6", 8"	825YD, 880, 860	N	N	N
Febco	RP	10"	825YD, 880	N	N	N
Febco	RP	2 ½", 3", 4", 6", 8", 10"	880V	N	Y	N
Febco	RP	4", 6", 8", 10"	825YD OS&Y	N	N	Y
Febco	RP	4", 6", 8"	860 OS&Y	N	N	Y
Febco	RP	4", 6", 8", 10"	880 OS&Y	N	N	Y
Febco	RP	4", 6", 8", 10"	880V OS&Y	N	Y	Y
Febco	RP	3"	880V OS&Y	N	Y	Y
Febco	DC	¾", 1", 1 ½", 2"	LF850, LF850U	Y	N	N
Febco	DC	2 ½", 3", 4", 6", 8", 10"	750	Y	Y	N
Febco	DC	2 ½", 3", 4", 6"	750N	Y	N	N
Febco	DC	2 ½", 3", 4", 6", 8", 10"	LF850	Y	Y	N
Febco	DC	2 ½", 3", 4", 6", 8", 10"	LF850 OS&Y	Y	Y	Y
Febco	DC	2 ½", 3", 4", 6", 8"	LF870V	Y	Y	N
Febco	DC	2 ½", 3", 4", 6", 8"	LF870V OS&Y	Y	Y	Y
Febco	DC	¾", 1", 1 ½", 2"	805Y, 850-BV	N	Y	N
Febco	DC	1 ½", 2"	850, 850-BV	N	Y	N
Febco	DC	2 ½", 3", 4", 6", 8", 10"	805YD, 870	N	N	N
Febco	DC	2 ½", 3", 4", 6", 8"	850, 870V	N	Y	N
Febco	DC	10"	870V	N	Y	N
Febco	DC	4"-10"	805YD OS&Y	N	N	Y
Febco	DC	4", 6", 8"	850 OS&Y	N	Y	Y
Febco	DC	3", 4", 6", 8", 10"	870 OS&Y	N	N	Y
Febco	DC	3", 4", 6", 8", 10"	870V OS&Y	N	Y	Y
Flomatic	RP	¾", 1", 1 ½", 2"	RPZE	Y	N	N
Flomatic	RP	¾"	RPZE II	Y	N	N
Flomatic	RP	4", 6"	RPZ	Y	N	N
Flomatic	RP	¾", 1", 1 ½", 2"	RPZ	N	N	N
Flomatic	RP	2 ½", 3", 4", 6", 8"	RPZ	N	N	N
Flomatic	DC	¾", 1", 1 ½", 2"	DCVE	Y	N	N
Flomatic	DC	4", 6"	DCV	Y	N	N
Flomatic	DC	2 ½", 3", 8"	DCV	N	N	N
Flomatic	DC	¾", 1", 1 ½", 2"	DCV	N	N	N
Hersey	RP	¾", 1", 1 ½", 2"	FRP II	N	N	N
Hersey	RP	2 ½", 3", 4", 6", 8", 10"	6 CM	N	N	N
Hersey	RP	4", 6", 8", 10"	6 CM OS&Y	N	N	Y
Hersey	DC	¾", 1", 1 ½", 2"	HDC, FDC	N	N	N
Hersey	DC	3", 4", 6", 8", 10"	No. 2	N	N	N
Hersey	DC	4", 6", 8", 10"	No: 2 OS&Y	N	N	Y
Rainbird	RP	¾"	RP-QT-075	N	N	N
Rainbird	RP	1"	RP-QT-100	N	N	N
Rainbird	RP	1 ½"	RP-QT-150	N	N	N
Rainbird	RP	2"	RP-QT-200	N	N	N
Rainbird	DC	¾"	DC-QT-075	N	N	N
Rainbird	DC	1"	DC-QT-100	N	N	N
Rainbird	DC	1 ½"	DC-QT-150	N	N	N
Rainbird	DC	2"	DC-QT-200	N	N	N

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Watts	RP	1", 1 1/2", 2"	LF009M2QT	Y	N	N
Watts	RP	3/4"	LF009M3QT	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"	LF919QT, LF919AQT, LFU919QT, LFU919AQT	Y	N	N
Watts	RP	3/4"	SS009M3QT	Y	N	N
Watts	RP	2 1/2", 3", 4", 6", 8", 10"	957	Y	N	N
Watts	RP	4", 6", 8", 10	957 OS&Y	Y	N	Y
Watts	RP	4", 6"	957BF	Y	N	N
Watts	RP	2 1/2", 3", 4", 6", 8",	957N, 957Z	Y	N	N
Watts	RP	2 1/2", 3", 4"	957N OS&Y, 957Z OS&Y	Y	N	Y
Watts	RP	2 1/2", 3", 4"	957NQT, 957QT, 957ZQT	Y	N	N
Watts	RP	4", 6"	967N	Y	N	N
Watts	RP	6"	967Z	Y	N	N
Watts	RP	2 1/2", 3", 4", 6"	994, LF909	Y	N	N
Watts	RP	4", 6"	994 OS&Y	Y	N	Y
Watts	RP	2 1/2", 3"	LF009	Y	N	N
Watts	RP	8", 10"	LF909M1	Y	N	N
Watts	RP	3/4"	909 QT, 009M1 QT, 009M2 QT, 009M3QT, 995QT	N	N	N
Watts	RP	1"	909 QT, 009 QT, 009M2QT, 995QT	N	N	N
Watts	RP	1 1/2", 2"	909 M1QT, 009M1 QT, 009M2QT	N	N	N
Watts	RP	2 1/2", 3"	909, 009	N	N	N
Watts	RP	4", 8"	909, 990	N	N	N
Watts	RP	6", 10"	909	N	N	N
Watts	RP	8", 10"	909M1	N	N	N
Watts	RP	2 1/2", 3", 8", 10"	967	N	Y	N
Watts	RP	4", 6", 8", 10"	909 OS&Y	N	N	Y
Watts	RP	4", 8"	990 OS&Y	N	N	Y
Watts	RP	8", 10"	909M1 OS&Y	N	N	Y
Watts	RP	8", 10"	967 OS&Y	N	Y	Y
Watts	DC	1", 2"	LF007M1QT	Y	Y	N
Watts	DC	1 1/2"	LF007M2QT	Y	Y	N
Watts	DC	3/4"	LF007M3QT	Y	Y	N
Watts	DC	3/4", 1", 1 1/2", 2"	LF719QT	Y	Y	N
Watts	DC	1", 1 1/2", 2"	LF719AQT, LFU719AQT	Y	Y	N
Watts	DC	1"	SS007M1QT	Y	Y	N
Watts	DC	3/4"	SS007M3QT	Y	Y	N
Watts	DC	2 1/2", 3", 4", 6", 8", 10"	757	Y	Y	N
Watts	DC	2 1/2", 3", 4", 6", 8", 10"	757 OS&Y	Y	Y	Y
Watts	DC	2 1/2", 3", 4", 6", 8", 10"	757N, 774	Y	N	N
Watts	DC	12"	774	Y	Y	N
Watts	DC	4", 6", 8", 10"	774 OS&Y	Y	N	Y
Watts	DC	2 1/2", 3", 4"	757QT	Y	Y	N
Watts	DC	2 1/2", 3", 4"	757NQT	Y	N	N
Watts	DC	6"	767N	Y	N	N
Watts	DC	2 1/2", 3"	LF007	Y	N	N
Watts	DC	4", 6", 8", 10"	LF709	Y	Y	N
Watts	DC	3/4"	709QT, 007M1QT, 007M3QT, 775QT	N	N	N
Watts	DC	3/4"	007M2QT	N	Y	N
Watts	DC	1"	709QT, 007M1QT, 775QT	N	N	N
Watts	DC	1 1/2"	709QT, 007QT	N	N	N
Watts	DC	1 1/2"	007M1QT, 007M2QT	N	Y	N
Watts	DC	2"	709QT, 007QT	N	N	N
Watts	DC	2"	007M1QT	N	Y	N
Watts	DC	2 1/2"	709, 007	N	N	N
Watts	DC	3"	709	N	N	N
Watts	DC	3"	007	N	Y	N
Watts	DC	4"	770, 772	N	N	N
Watts	DC	4", 6", 8", 10"	709	N	Y	N
Watts	DC	6"	774X	N	N	N
Watts	DC	8"	770, 774X	N	N	N
Watts	DC	10"	772	N	N	N
Watts	DC	2 1/2", 3", 4", 6"	757a	N	Y	N
Watts	DC	2 1/2", 3", 4"	767a	N	Y	N
Watts	DC	4", 6", 8", 10"	709 OS&Y	N	Y	Y
Watts	DC	4", 8"	770 OS&Y	N	N	Y
Watts	DC	6", 8"	774X OS&Y	N	N	Y
Watts	DC	4", 6"	757a OS&Y	N	Y	Y
Watts	DC	4"	767a OS&Y	N	Y	Y

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				(Y = yes, N = no)		
Wilkins	RP	¾", 1"	375ST, 975XL2V	Y	N	N
Wilkins	RP	¾", 1", 1 ½", 2"	375XL, 375XLB, 975XL2, 975XL2MS, 975XL2BMS	Y	N	N
Wilkins	RP	¾", 1", 1 ½", 2"	975XL2SE, 975XL2SEU, 975XL2TCU, 975XL2U	Y	N	N
Wilkins	RP	2 ½", 3", 4", 6", 8", 10"	375, 375A, 375AR, 375AST, 375MS	Y	N	Y
Wilkins	RP	2 ½", 3", 4", 6", 8", 10"	375MS	Y	N	N
Wilkins	RP	2 ½", 3", 4", 6", 8", 10"	475, 475MS, 475V, 475VMS	Y	N	N
Wilkins	RP	2 ½", 3", 4", 6", 8", 10"	375 OS&Y, 375 AST OS&Y, 475 OS&Y	Y	N	Y
Wilkins	RP	3", 4", 6", 8"	375A OS&Y	Y	N	Y
Wilkins	RP	4", 6", 8"	475 OS&Y, 475V OS&Y	Y	N	Y
Wilkins	RP	2 ½", 3", 4", 6"	375ASTR	Y	N	N
Wilkins	RP	¾", 1", 1 ½", 2"	975XL	N	N	N
Wilkins	RP	¾", 1", 1 ½", 2"	975XLSE	N	Y	N
Wilkins	RP	¾", 1", 1 ½", 2"	375	N	N	N
Wilkins	RP	4", 6", 8", 10"	975R OS&Y	N	N	Y
Wilkins	DC	¾", 1", 1 ½", 2"	350XL	Y	Y	N
Wilkins	DC	¾", 1", 1 ½", 2"	950XLT2	Y	N	N
Wilkins	DC	¾"	950XLT2U	Y	N	N
Wilkins	DC	2 ½", 3", 4", 6", 8", 10"	350, 350A, 350AR	Y	Y	N
Wilkins	DC	12"	350	Y	N	N
Wilkins	DC	2 ½", 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 ½", 3", 4", 6"	350AST, 350ASTR	Y	Y	N
Wilkins	DC	2 ½", 3", 4", 6"	350AST OS&Y	Y	Y	Y
Wilkins	DC	4", 6", 8", 10"	450	Y	N	N
Wilkins	DC	4", 6", 8", 10"	450 OS&Y	Y	N	Y
Wilkins	DC	¾", 1", 1 ½", 2"	950XL, 950XLT	N	N	N
Wilkins	DC	¾", 1", 1 ½", 2"	350	N	Y	N
Wilkins	DC	4", 6", 8", 10"	950R OS&Y	N	Y	Y