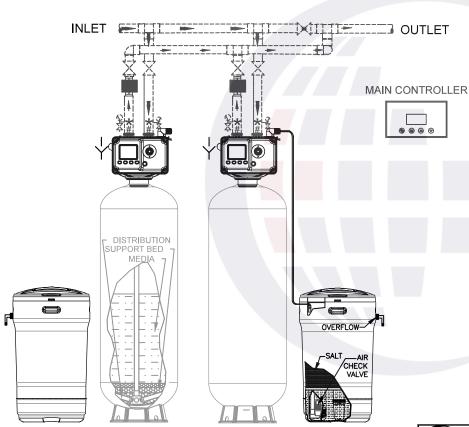
NOTES

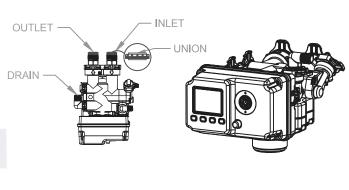
- DUPLEX SOFTENER, METER INITIATED, DEMAND RECALL SYSTEM, UNITS BROUGHT ON LINE BASED ON FLOW-RATE.
- SOFTENER EQUIPPED WITH 1.25" TAIL FITTINGS WITH MAIN CONTROLLER.
- MAXIMUM RECOMMENDED SYSTEM PRESSURE IS 100 PSI (690 kPa) AND MINIMUM INLET PRESSURE IS 40 PSI.
- MAXIMUM RECOMMENDED SYSTEM TEMPERATURE IS 100 °F (38 °C).
- REQUIRES 120 VOLT, 1 PHASE, 60 Hz ELECTRICAL POWER.
- ALL EXTERNAL PIPING, FITTINGS, AND VALVES SHOWN BY BROKEN LINES ARE SUPPLIED BY OTHERS.
- MINERAL TANKS AND MEDIA ARE NSF APPROVED.
- DUE TO SLIGHT EXPANSION AND CONTRACTION OF MINERAL TANK, PIPING MUST BE DESIGNED TO ALLOW SOME MOVEMENT. AS WELL AS BE PROTECTED FROM VACUUM. FLEX CONNECTORS AND A VACUUM BREAKER MAY BE REQUIRED. FAILURE TO INSTALL EITHER OF THEM OR IMPROPERLY INSTALL THEM MAY VOID THE WARRANTY.
- SYSTEM MUST BE INSTALLED TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL CODES.
- FLOOR DRAINS MUST BE SIZED TO CARRY THE MAX. LISTED FLOW TO DRAIN.
- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR FURTHER DETAILS. USE PROPER UNION OR FLANGE FOR THE PIPE CONNECTION TO VALVE FOR EASY
- ALSO AVAILABLE IN 1" AND 1.5" PIPING CONNECTION.

Capacity Resin Salt Use Critical 95 - 1.25" Max Flow Dimensions Drain Pipe Installation Shipping Height Depth width Weight Model (Duplex) Model (Duplex) Model								I LOW IVAI	E I EI OIVII									
Complex 10 lbs/ft m' lbs lbs USGPM USGPM USGPM USGPM USGPM lin l			Capacity	Resin	Salt U	Jsage	Critical	cal 95 - 1.25"		Max Flow	Dimen:	sions	Drain Pipe	Installation			Shipping	Operating
SMTS G6000 3 18 30 15 25 35 5 14 k65 24 x37 1" 77 30 94 590		Model	@6 lbs/ft3	ft³	@6 lbs/ft3	10 lbs/ft³	Flow	@ 15 PSI	@ 25 PSI	To Drain	Mineral Tank	Brine Tank	Size	Height	Depth	width	Weight	Weight
95MTS 8800 3 18 30 15 25 35 5 14 x 65 24 x 37 1" 77 30 94 590 95MTS 8800 4 24 40 20 27 38 7 16 x 65 24 x 37 1" 77 30 98 770 120-1.25" 108000 0.11 10.91 18.18 1.26 1.70 2.40 0.44 403 x 1651 610 x 940 25 1.956 762 2.489 349 95MTS 110000 5 30 50 25 32 43 8 18.65 24 x 37 1" 77 30 102 956 150-1.25" 135000 0.14 13.64 22.73 1.58 2.02 2.71 0.51 475 x 1651 610 x 940 25 1.956 762 2.489 349 95MTS 132000 6 36 60 30 31 42 11 21 x 62 29 x 50 1" 80 35 118 1.330 180-1.25" 14000 0.17 16.36 27.27 1.89 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2.032 889 2.997 513 95MTS 154000 7 42 70 31 31 42 11 21 x 62 29 x 50 1" 80 35 118 1.236 210-1.25" 189000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 740 x 1275 25 2.235 889 3.150 627 95MTS 18000 9 54 90 32 32 44 17 24 x 72 29 x 50 1" 88 39 132 1.512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2.235 991 3.353 686		(Duplex)	10 lbs/ft3	m³	lbs	lbs	USGPM	USGPM	USGPM	USGPM	in	in	in	in	in	in	lbs	lbs
90-1.25" 81000 0.08 8.18 13.64 0.95 1.58 2.21 0.32 356 x 1651 610 x 940 25 1,956 762 2,388 268 95MTS 88000 4 24 40 20 27 38 7 16 x 65 24 x 37 1" 77 30 98 770 120-1.25" 108000 0.11 10.91 18.18 1.26 1.70 2.40 0.44 403 x 1651 610 x 940 25 1,956 762 2,489 349 95MTS 110000 5 30 50 25 32 43 8 18 x 65 24 x 37 1" 77 30 102 2,591 434 95MTS 110000 0.14 13.64 22.73 1.58 2.02 2.71 0.51 475 x 1651 610 x 940 25 1,956 762 2,591 434 95MTS 132000 6 36 60 30 31 </td <td></td> <td></td> <td></td> <td></td> <td>kg</td> <td>kg</td> <td>l/s</td> <td>l/s</td> <td>l/s</td> <td>l/s</td> <td>mm</td> <td>mm</td> <td>mm</td> <td>mm</td> <td>mm</td> <td>mm</td> <td>kg</td> <td>kg</td>					kg	kg	l/s	l/s	l/s	l/s	mm	mm	mm	mm	mm	mm	kg	kg
95MTS 88000 4 24 40 20 27 38 7 16x65 24x37 1" 77 30 98 770 120-1.25" 108000 0.11 10.91 18.18 1.26 1.70 2.40 0.44 403x1651 610x940 25 1.956 762 2,489 349 349 55MTS 110000 5 30 50 25 32 43 8 18x65 24x37 1" 77 30 102 956 150-1.25" 135000 0.14 13.64 22.73 1.58 2.02 2.71 0.51 475x1651 610x940 25 1.956 762 2,591 434 95MTS 132000 6 36 60 30 31 42 11 21x62 29x50 1" 80 35 118 1,130 180-1.25" 162000 0.17 16.36 27.27 1.89 1.96 2.65 0.69 533x1575 740x1275 25 2,032 889 2,997 513 95MTS 154000 7 42 70 31 31 42 11 21x62 29x50 1" 80 35 118 1,236 210-1.25" 189000 0.20 19.09 31.82 1.96 1.96 2.65 0.69 533x1575 740x1275 25 2,032 889 2,997 561 95MTS 176000 8 48 80 32 32 44 17 24x72 29x50 1" 88 35 124 1,382 240-1.25" 126000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610x1829 740x1275 25 2,235 889 3,150 627 95MTS 198000 9 54 90 32 32 44 17 24x72 33x53 1" 88 39 132 1,512 627 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610x1829 740x1275 25 2,235 991 3,353 686		95MTS	66000	3	18	30	15	25	35	5	14 x 65	24 x 37	1"	77	30	94	590	2,990
120-1.25" 108000 0.11 10.91 18.18 1.26 1.70 2.40 0.44 403 x 1651 610 x 940 25 1.956 762 2.489 349 95MTS 110000 5 30 50 25 32 43 8 18.65 24 x 37 1" 77 30 102 956 150-1.25" 135000 0.14 13.64 22.73 1.58 2.02 2.71 0.51 475 x 1651 610 x 940 25 1.956 762 2.591 434 95MTS 132000 6 36 60 30 31 42 11 21 x 62 29 x 50 1" 80 35 118 1.130 180-1.25" 152000 0.17 16.36 27.27 1.89 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2.032 889 2.997 513 95MTS 154000 7 42 70 31 31 42 11 21 x 62 29 x 50 1" 80 35 118 1.236 210-1.25" 189000 0.20 19.09 31.82 1.96 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2.032 889 2.997 561 95MTS 176000 8 48 80 32 32 44 17 24 x 72 29 x 50 1" 88 35 124 1.382 240-1.25" 216000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 740 x 1275 25 2.235 889 3.150 627 95MTS 18000 9 54 90 32 32 44 17 24 x 72 33 x 53 1" 88 39 132 1.512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2.235 991 3.353 686		90-1.25"	81000	0.08	8.18	13.64	0.95	1.58	2.21	0.32	356 x 1651	610 x 940	25	1,956	762	2,388	268	1,357
95MTS 110000 5 30 50 25 32 43 8 18 x 65 24 x 37 1" 77 30 102 956 150-1.25" 135000 0.14 13.64 22.73 1.58 2.02 2.71 0.51 475 x 1651 610 x 940 25 1.956 762 2.591 434 95MTS 132000 6 36 60 30 31 42 11 21 x 62 29 x 50 1" 80 35 118 1,130 180-1.25" 162000 0.17 16.36 27.27 1.89 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2.997 513 95MTS 154000 7 42 70 31 31 42 11 21 x 62 29 x 50 1" 80 35 118 1,236 210-1.25" 189000 0.20 19.09 31.82 1.96 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2.997 561 95MTS 176000 8 48 80 32 32 44 17 24 x 72 29 x 50 1" 88 35 124 1,382 240-1.25" 216000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 889 3,150 627 95MTS 198000 9 54 90 32 32 44 17 24 x 72 33 x 53 1" 88 39 132 1,512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 686		95MTS	88000	4	24	40	20	27	38	7	16 x 65	24 x 37	1"	77	30	98	770	3,370
150-1.25" 135000 0.14 13.64 22.73 1.58 2.02 2.71 0.51 475 x 1651 610 x 940 25 1,956 762 2,591 434 95MTS 132000 6 36 60 30 31 42 11 21 x 62 29 x 50 1" 80 35 118 1,130 180-1.25" 162000 0.17 16.36 27.27 1.89 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2,997 513 95MTS 154000 7 42 70 31 31 42 11 21 x 62 29 x 50 1" 80 35 118 1,236 210-1.25" 189000 0.20 19.09 31.82 1.96 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2,997 561 95MTS 176000 8 48 80 32 32 44 17 24 x 72 29 x 50 1" 88 35 124 1,382 240-1.25" 216000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 740 x 1275 25 2,235 889 3,150 627 95MTS 198000 9 54 90 32 32 44 17 24 x 72 33 x 53 1" 88 39 132 1,512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 686		120-1.25"	108000	0.11	10.91	18.18	1.26	1.70	2.40	0.44	403 x 1651	610 x 940	25	1,956	762	2,489	349	1,529
95MTS 132000 6 36 60 30 31 42 11 21 x 62 29 x 50 1" 80 35 118 1,130 180 1,25" 162000 0.17 16.36 27.27 1.89 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2,997 513 95MTS 154000 7 42 70 31 31 42 11 21 x 62 29 x 50 1" 80 35 118 1,236 210 1,25" 189000 0.20 19.09 31.82 1.96 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2,997 561 95MTS 176000 8 48 80 32 32 44 17 24 x 72 29 x 50 1" 88 35 124 1,382 240 1,25" 126000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 740 x 1275 25 2,235 889 3,150 627 95MTS 19800 9 54 90 32 32 44 17 24 x 72 33 x 53 1" 88 39 132 1,512 270 1,25" 243000 0.25 24.55 40.91 2.02 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 686		95MTS	110000	5	30	50	25	32	43	8	18 x 65	24 x 37	1"	77	30	102	956	3,756
180-1.25" 162000 0.17 16.36 27.27 1.89 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2.032 889 2,997 513 95MTS 154000 7 42 70 31 31 42 11 21 x 62 29 x 50 1" 80 35 118 1,236 210-1.25" 189000 0.20 19.09 31.82 1.96 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2,997 561 95MTS 176000 8 48 80 32 32 44 17 24 x 72 29 x 50 1" 88 35 124 1,382 240-1.25" 216000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 740 x 1275 25 2,235 889 3,150 627 95MTS 198000 9 54 90 32 32		150-1.25"	135000	0.14	13.64	22.73	1.58	2.02	2.71	0.51	475 x 1651	610 x 940	25	1,956	762	2,591	434	1,704
95MTS 154000 7 42 70 31 31 42 11 21 x 62 29 x 50 1" 80 35 118 1,236 210-1.25" 189000 0.20 19.09 31.82 1.96 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2,997 561 95MTS 176000 8 48 80 32 32 44 17 24 x 72 29 x 50 1" 88 35 124 1,382 240-1.25" 216000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 740 x 1275 25 2,235 889 3,150 627 95MTS 198000 9 54 90 32 32 44 17 24 x 72 33 x 53 1" 88 39 132 1,512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 686		95MTS	132000	6	36	60	30	31	42	11	21 x 62	29 x 50	1"	80	35	118	1,130	5,330
210-1.25" 189000 0.20 19.09 31.82 1.96 1.96 2.65 0.69 533 x 1575 740 x 1275 25 2,032 889 2,997 561 95MTS 176000 8 48 80 32 32 44 17 24 x 72 29 x 50 1" 88 35 124 1,382 240-1.25" 216000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 740 x 1275 25 2,235 889 3,150 627 95MTS 198000 9 54 90 32 32 44 17 24 x 72 33 x 53 1" 88 39 132 1,512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 686		180-1.25"	162000	0.17	16.36	27.27	1.89	1.96	2.65	0.69	533 x 1575	740 x 1275	25	2,032	889	2,997	513	2,418
95MTS 176000 8 48 48 80 32 32 44 17 24×72 29×50 1" 88 35 124 1,382 240-1.25" 216000 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610×1829 740×1275 25 2,235 889 3,150 627 95MTS 198000 9 54 90 32 32 44 17 24×72 33×53 1" 88 39 132 1,512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610×1829 840×1335 25 2,235 991 3,353 686		95MTS	154000	7	42	70	31	31	42	11	21 x 62	29 x 50	1"	80	35	118	1,236	5,436
240-1.25" 21600 0.23 21.82 36.36 2.02 2.02 2.78 1.07 610 x 1829 740 x 1275 25 2,235 889 3,150 627 95MTS 198000 9 54 90 32 32 44 17 24 x 72 33 x 53 1" 88 39 132 1,512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 686		210-1.25"	189000	0.20	19.09	31.82	1.96	1.96	2.65	0.69	533 x 1575	740 x 1275	25	2,032	889	2,997	561	2,466
95MTS 198000 9 54 90 32 32 44 17 24 x 72 33 x 53 1" 88 39 132 1,512 270-1.25" 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 686		95MTS	176000	8	48	80	32	32	44	17	24 x 72	29 x 50	1"	88	35	124	1,382	6,182
270-1.25 " 243000 0.25 24.55 40.91 2.02 2.02 2.78 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 686		240-1.25"	216000	0.23	21.82	36.36	2.02	2.02	2.78	1.07	610 x 1829	740 x 1275	25	2,235	889	3,150	627	2,805
		95MTS	198000	9	54	90	32	32	44	17	24 x 72	33 x 53	1"	88	39	132	1,512	7,312
95MTS 220000 10 60 100 32 32 43 17 24×72 33×53 1" 88 39 132 1,618		270-1.25"	243000	0.25	24.55	40.91	2.02	2.02	2.78	1.07	610 x 1829	840 x 1335	25	2,235	991	3,353	686	3,318
		95MTS	220000	10	60	100	32	32	43	17	24 x 72	33 x 53	1"	88	39	132	1,618	7,418
300-1.25" 270000 0.28 27.27 45.45 2.02 2.02 2.71 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 734		300-1.25"	270000	0.28	27.27	45.45	2.02	2.02	2.71	1.07	610 x 1829	840 x 1335	25	2,235	991	3,353	734	3,366
95MTS 242000 11 66 110 31 31 42 17 24x72 33x53 1" 88 39 132 1,724		95MTS	242000	11	66	110	31	31	42	17	24 x 72	33 x 53	1"	88	39	132	1,724	7,524
330-1.25 " 297000 0.31 30.00 50.00 1.96 1.96 2.65 1.07 610 x 1829 840 x 1335 25 2,235 991 3,353 782		330-1.25"	297000	0.31	30.00	50.00	1.96	1.96	2.65	1.07	610 x 1829	840 x 1335	25	2,235	991	3,353	782	3,414

FLOW RATE PER UNIT



RAW WATER REGENERATION PIPING SHOWN



LEGEND:

ISOLATION VALLVE

BYPASS VALVE

PRESSURE GAUGE & SAMPLE POINT OPEN DRAIN

VACUUM BREAKER

RAW WATER LINES

► FILTERED/SOFTENED WATER LINES

WATER TO OPEN DRAIN

► TREATED WATER LINES

ELECTRONIC BALL VALVE

UNION OR FLANGE

95MTS SOFTENER 1.25" **DUPLEX SYSTEM**

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WaterGroup	Project
Commercial/Industrial Engineering Division	I

Dwg # 95MTS1.25D

Date 10-26-2017 Rev 0