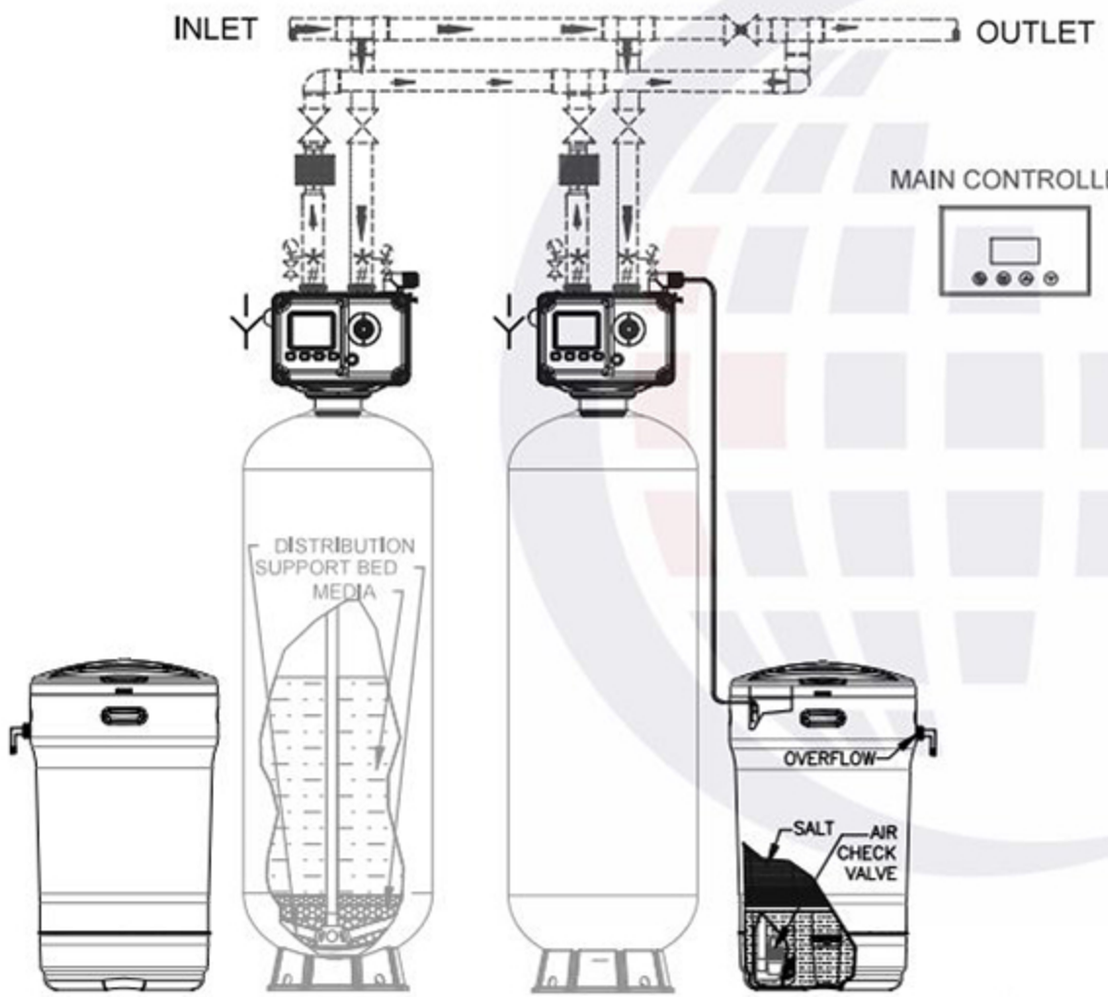
SOFTPRO® COMMERCIAL HE EXCEL SERIES - DUPLEX

NOTES

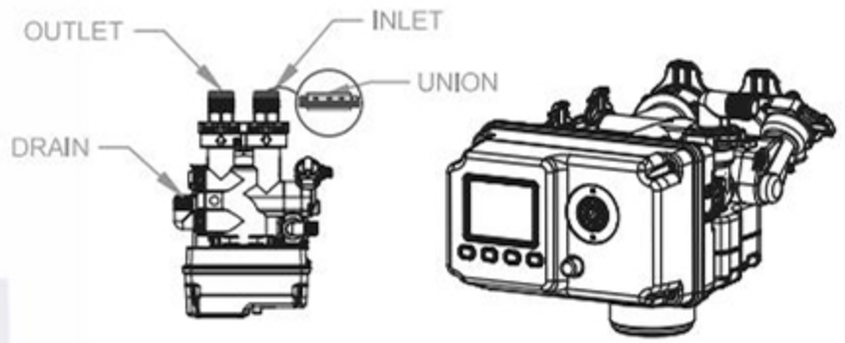
- DUPLEX SOFTENER, METER INITIATED, DEMAND RECALL SYSTEM, UNITS BROUGHT ON LINE BASED ON FLOW-RATE.
- SOFTENER EQUIPPED WITH 1.25" TAIL FITTINGS WITH MAIN CONTROLLER.
- MAXIMUM RECOMMENDED SYSTEM PRESSURE IS 100 PSI (690 kPa) AND MINIMUM INLET PRESSURE IS 40 PSI.
- MAXIMUM RECOMMENDED SYSTEM TEMPERATURE 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 MAINTENANCE.
- ALSO AVAILABLE IN 1" AND 1.5" PIPING CONNECTION.

FLOW RATE PER UNIT

Model (Duplex)	Capacity @6 lbs/ft³ / 10 lbs/ft³	Resin ft³ / m³	Salt Usage @6 lbs/ft³ lbs / kg	Salt Usage 10 lbs/ft³ lbs / kg	Critical Flow USGPM / l/s	95 - 1.25" @ 15 PSI USGPM / l/s	95 - 1.25" @ 25 PSI USGPM / l/s	Max Flow To Drain USGPM / l/s	Dimensions Mineral Tank in / mm	Dimensions Brine Tank in / mm	Drain Pipe Size in / mm	Installation Height in / mm	Installation Depth in / mm	Installation width in / mm	Shipping Weight lbs / kg	Operating Weight lbs / kg
SP-90MTSD	66000	3	18	30	15	25	35	5	14 x 65	24 x 37	1"	77	30	94	590	2,990
90,000 Cap.	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
SP-120MTSD	88000	4	24	40	20	27	38	7	16 x 65	24 x 37	1"	77	30	98	770	3,370
120,000 Cap.	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
SP-150MTSD	110000	5	30	50	25	32	43	8	18 x 65	24 x 37	1"	77	30	102	956	3,756
150,000 Cap.	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
SP-180MTSD	132000	6	36	60	30	31	42	11	21 x 62	29 x 50	1"	80	35	118	1,130	5,330
180,000 Cap.	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
SP-210MTSD	154000	7	42	70	31	31	42	11	21 x 62	29 x 50	1"	80	35	118	1,236	5,436
210,000 Cap.	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
SP-240MTSD	176000	8	48	80	32	32	44	17	24 x 72	29 x 50	1"	88	35	124	1,382	6,182
240,000 Cap.	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
SP-270MTSD	198000	9	54	90	32	32	44	17	24 x 72	33 x 53	1"	88	39	132	1,512	7,312
270,000 Cap.	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
SP-300MTSD	220000	10	60	100	32	32	43	17	24 x 72	33 x 53	1"	88	39	132	1,618	7,418
300,000 Cap.	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
SP-330MTSD	242000	11	66	110	31	31	42	17	24 x 72	33 x 53	1"	88	39	132	1,724	7,524
330,000 Cap.	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



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

COMMERCIAL WATER TREATMENT SOLUTIONS BY SoftPro