

CVIT-SERIES SOFTENER SPECIFICATIONS

MODEL NUMBER	RESIN TANKS (IN.)	BRINE TANK (IN)	RESIN PER TANK/TOTAL (Cu Ft.)	CAPACITY PER REGEN/SYSTEM		FLOWRATE GPM		SALT STORAGE QTY (LBS.)	SHIP WEIGHT (LBS.)
				MIN	(1) MAX	C (2)	P		
CvIT-90M	14x65	18x40	3	60,000	90,000	11	22	300	280
CvIT-90MD	14x65	18x40	3/6	120,000	180,000	22	44	300	545
CvIT-120M	16x65	24x54	4	80,000	120,000	14	28	800	370
CvIT-120MD	16x65	24x54	4/8	160,000	240,000	28	56	800	725
CvIT-150M	18x65	24x54	5	100,000	150,000	18	36	780	440
CvIT-150MD	18x65	24x54	5/10	200,000	300,000	36	72	780	845
CvIT-210M	21x62	24x54	7	140,000	210,000	24	48	700	600
CvIT-210MD	21x62	24x54	7/14	280,000	420,000	48	96	700	1165
CvIT-300M	24x72	30x48	10	200,000	300,000	31	62	800	925
CvIT-300MD	24x72	30x48	10/20	400,000	600,000	62	124	800	1775
CvIT-450M	30x72	39x48	15	300,000	450,000	49	90*	1500	1300
CvIT-450MD	30x72	39x48	15/30	600,000	900,000	98	180*	1500	2500
CvIT-600M	36x72	39x48	20	400,000	600,000	70	90*	1500	1700
CvIT-600MD	36x72	39x48	20/40	800,000	1,200,000	140	180*	1500	3400

NOTES:

- (1) Resin capacity per regeneration is based on 6 lbs NaCl per ft³ (min.) and 15 lbs NaCl per ft³ (max)
- (2) Continuous service is based on a flow rate of 10 gpm/ft², (parallel operation – dual unit)
Peak service is based on a flow rate of 20 gpm/ft² (for intermittent service only)
 * Peak service is based on maximum flow rate of Magnum IT control valve.
- All systems are furnished with an internal turbine meter and a 962 series electronic programmable controller.
- Standard dual systems (MD) operate in parallel with an interlock to prevent simultaneous regenerations.
- Brine tanks are constructed of heavy-duty polyethylene and include covers. Brine systems include brine pick-ups with a safety float.
- 24x72, 30x72 and 36x72 mineral tanks are available designed for ASME Code at additional cost.

