

# CVIT-ALT SERIES SOFTENER SPECIFICATIONS

MODEL NUMBER	RESIN TANKS (IN.)	BRINE TANK (IN)	RESIN PER TANK/TOTAL (Cu Ft.)	CAPACITY PER REGEN		FLOWRATE GPM		SALT STORAGE QTY (LBS.)	SHIP WEIGHT (LBS.)
				MIN	(1) MAX	C (2)	P		
CvIT-90 ALT	14x65	18x40	3/6	66,000	90,000	10	20	300	545
CvIT-120 ALT	16x65	24x54	4/8	88,000	120,000	14	28	800	725
CvIT-150 ALT	18x65	24x54	5/10	110,000	150,000	18	36	780	845
CvIT-210 ALT	21x62	24x54	7/14	154,000	210,000	24	48	700	1165
CvIT-300 ALT	24x72	30x48	10/20	220,000	300,000	31	62	800	1775
CvIT-450 ALT	30x72	39x48	15/30	330,000	450,000	49	90*	1500	2500
CvIT-600 ALT	36x72	39x48	20/40	440,000	600,000	70	90*	1500	3400

**NOTES:**

- (1) Resin capacity per regeneration is based on 6 lbs NaCl per ft<sup>3</sup> (min.) and 15 lbs NaCl per ft<sup>3</sup> (max)
  - (2) **C**ontinuous service is based on a flow rate of 10 gpm/ft<sup>2</sup>  
**P**eak service is based on a flow rate of 20 gpm/ft<sup>2</sup> (for intermittent service only)  
 \* Peak flow rate based maximum flow rate of Magnum IT control valve
- Standard systems operate with meter initiated regeneration.
  - 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.

