

Res-Kem's CvIT-ALT Series water softeners are dual tank, meter demand systems designed for commercial and light industrial small boiler applications. These units provide continuous soft water 24 hours per day automatically. The only operator attention needed is to put salt in the brine tank.

### Quality Features

- ❑ Seamless, fiberglass wrapped mineral tanks,
- ❑ Durable polyethylene brine tank
- ❑ 2" service inlet/outlet
- ❑ 5 cycle variable time control
- ❑ Greater commercial capacity in less space
- ❑ High capacity "industrial" grade exchange resin
- ❑ Metered demand regeneration

### Controls

The heart of the system is Autotrol's Magnum IT all Noryl control valve with built-in internal turbine flow meter. It is a twin tank alternating meter initiated system, which has one unit in service while holding the second in stand-by. These rugged control valves provide a low maintenance,

high flow rate, and quality system able to meet the most demanding needs.

The CvIT-ALT series come standard with the 962 series electronic programmable control. The control is equipped with a large, four-digit LED display and oversized, easy-to-push buttons for simple programming and adjustment.

### Mineral Tanks

A seamless, rotationally molded polyethylene liner surrounded by a filament wound epoxy resin fiberglass shell gives the tanks superior strength without adding unnecessary weight. All tanks are NSF approved for potable water use, have a threaded top opening and either plastic, rubber or fiberglass base, depending on size.

### Exchange Resin

A premium industrial grade high capacity polystyrene type cation resin is used in all softeners. The maximum exchange capacity is 30,000 grains/ft<sup>3</sup> when regenerated with 15 lbs of NaCl/ft<sup>3</sup>, versus 20,000 grains/ft<sup>3</sup> when regenerated with 6 lbs of NaCl/ft<sup>3</sup>.

### Brine System

The brine holding tank is a combination salt storage/brine measuring tank fabricated from durable polyethylene, cover included. Units are furnished with float operated brine suction and refill shut-off valve.

### Distribution System

The internal distribution system is constructed of high-impact PVC. The bottom distributor may be a single strainer or a hub and lateral configuration, depending on the size of the system and the required flow rate.

### Warranty

The control valve is warranted for two (2) years against defects in material and workmanship. The mineral tanks and brine tanks have a limited five to ten year warranty depending on size and type. Contact factory for details.