

## *How does a water softener work?*



Hard water enters into the W9000 Clack digital control valve and flows into the Softener Vessel. As it passes through the Softener Resin, the hard water mineral ions attach to the resin beads. Once the water has filtered its way to the bottom of the Softener Vessel, the hardness has been removed from the water. Now the soft water is pulled up the Tabulator and dispensed into the home.



**Softener Vessel**



**Brine Salt Tank**

To recharge the Softener Resin Beads, water from the Brine Salt Tank is pumped into the Softener Vessel. As it passes through the Softener Resin Beads it loosens the Hard Water Minerals that have bonded to the Resin. This water is then discharged out to the drain line, allowing the Softener to move more water effectively removing more hard water minerals.