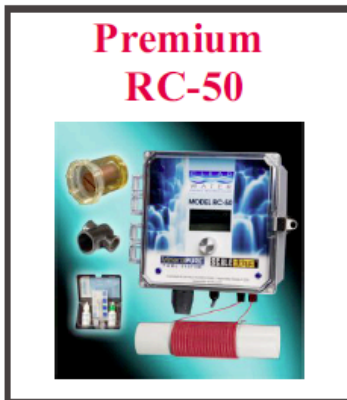




Residential - Swimming Pools

There are three models for residential homes.



RC-50 - Premium model 50,000 gallon capacity

This is our premium model and is unquestionably the finest designed copper/silver ionization system in the world. Totally digital, this micro-computer features 120 precise settings plus an “off” setting. Reads in 5 mA increments up to 600mA. Features unique electrode chamber where the electrodes can be cleaned or changed without the need of any tools. Features clear window for easy viewing of the electrodes in their chamber. The electrodes are 3” long and 1 ¼” in diameter. The unit also features a built-in ScaleBlaster model SB-50 inside the unit! This helps on limescale deposits on tile, pool equipment and heat exchangers.

The unit has check-electrode features that will inform you the electrodes are worn or need cleaning. The unit will easily handle any 50,000 gallon pool in the world. We highly recommend this unit over any other. Newly designed circuitry allows the unit to work on 115 or 230 VAC automatically. In weather- proof NEMA 4 enclosure with a clear lid for easy monitoring and opening of the unit for making adjustments. Easy, one knob control. Will work on virtually any TDS level (200 ppm is recommended to obtain 200 mA of power) including salt water and will make adjustments. We strongly recommend this unit – no matter what size pool you have it on.

Another great feature of this unit is that it dynamically adjusts output voltage to match electrode load conditions – extending the life of the control unit and saving as much as 60% in electricity usage. The unit will alternate the current to the electrodes every 5 minutes for even wear and tear of the electrodes.

R-20 / R-40 Economical models

Clearwater manufactures two economical models, the R-20 and the R-40. When using the economical models, it is best to undersize any pool to compensate for any margin of error.

The R-20 will handle up to 20,000 gallon pools in mild weather areas and 10,000 gallon pools in warm weather pools. The unit has six settings and goes from zero to 250 mA in those six settings. This is a basic ionization system with no digital readouts. The unit does have two alternating lights to let you know the charge to the electrodes is switching back and forth. The electrode chamber is a one-piece change out with a clear window to view wear and tear. The unit has a clear window for easy viewing and opening to make adjustments and is in a NEMA 4 enclosure. The electrodes are 3” long with a 1 ½” diameter.

The R-40 is basically the same as the R-20, but twice the power. The unit will go up to 500 mA. The units come factory set at 230 VAC and must be changed internally to work on 115 VAC.