

Benefits

- Prevents scale build-up
- Salt free
- Environmentally friendly
- Removes existing scale
- Maintenance-free
- Easy to install

Applications:

- Ice makers
- Dishwashers
- Washing machines
- Boilers
- Humidifiers
- Swimming pools
- Water heaters
(gas, electric, and tankless)

Note: Multiple units may be required in some applications.

Specifications

| Capacity | | Electrical Specs | | |
|--------------------|----------------|------------------|-------|------|
| Max. Pipe Diameter | Max. Flow Rate | Volts | Watts | Amps |
| 1" | 28 gpm | 18 VAC | 5 | .09 |

Note: Units can be combined and used in series for larger pipes.

System Solutions for CW-125 Model

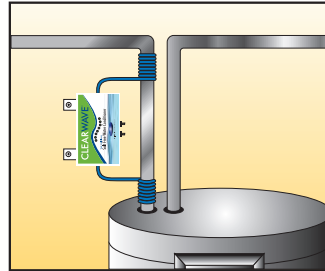
| Water Hardness | | Recommended Solution |
|----------------|-----------|--|
| Grains | PPM | |
| Up to 25 | Up to 425 | ClearWave®-125 |
| 25 plus | 425 plus | ClearWave®-125 prior to traditional water softener |

Installation Methods

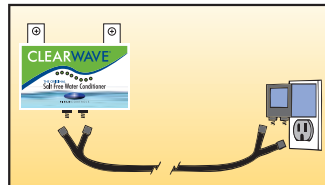
The ClearWave® can be mounted vertically or horizontally with water flow in any direction.



Option 1: Mount directly to pipe, wrap one antennae counterclockwise, the other clockwise.



Option 2: Wall mount with extendable antennae.



The ClearWave is supplied with 15 ft. of 18 gauge thermostat wire and transformer, and can be extended up to 200 ft.



FIELD CONTROLS
fieldcontrols.com

2630 Airport Road | Kinston, NC 28504 | 252.522.3031

CLEARWAVE®

THE ORIGINAL Salt Free Water Conditioner



Reduce Hard Water Problems

The ClearWave® is a revolutionary product that conditions hard water without the expense and hassle of salt or chemicals used in traditional hard water systems.

The ClearWave attacks hard water particles with electro-magnetic waves, treating the entire water system in your home and helping prevent and reduce hard water problems.

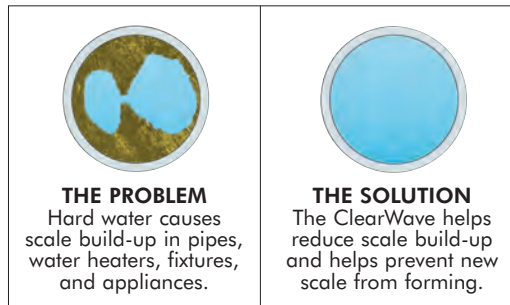
The ClearWave “neutralizes” calcium and magnesium particles to prevent scale formation.

- Eliminates scale build-up
- Works with any type of pipe
- No plumbing or maintenance
- Economical to operate
- Ideal for water heaters (including tankless models)

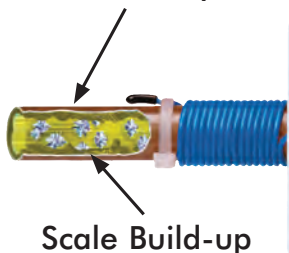
The ClearWave also helps break down existing scale, protecting the water heater, pipes, showerheads, and appliances.

The ClearWave is maintenance-free, environmentally friendly, and uses less water than traditional water softeners. The ClearWave works on all types of pipes including copper, PVC, galvanized, and stainless steel.

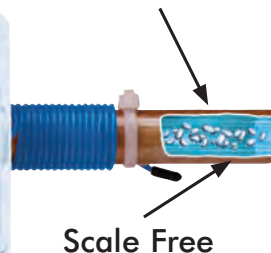
Please note: The ClearWave is NOT a water softener and doesn't not REMOVE calcium or magnesium from the water.



Hard Calcium Carbonate Crystals



ClearWave® Treated Water



Operation Timetable

Day 1:

The ClearWave action immediately starts to loosen existing scale in both the hot and cold water systems. One should find soap lathers more easily.

Day 5 and onwards:

Scale begins to break down and come off water heater elements (immersion heaters) and tanks. Most particles are microscopic and will flow through your water system, but some small particles may be seen in the water coming from the hot water tap.

Day 10 to 16:

It should be noticeably easier to wipe clean ceramic, plastic, glass, and metal surfaces. By now the quantity of bath soap, dish soap, laundry detergent, and laundry softening agents can be reduced. Scale should have loosened on faucets, showerheads, and frequently used appliances that boil water (such as coffee makers).

Day 16 and onwards:

Scale should continue to loosen from faucets, showerheads, and pipes. With the continuing breakdown and reduction of scale from the heating surfaces of water heaters, water should heat quicker using less energy to achieve the desired temperature.

After 1 to 2 months:

Any scaly crust or stains in toilets or under faucets should be significantly reduced. No new stains or crust should form. Mold that attaches to scale will begin to disappear from shower curtains and, once cleaned, should not reappear. Depending on the water hardness in the area, the full effects can take up to 12 weeks, especially if the system has been heavily scaled up over many years.