



EWP removes more harmful pollutants than RO
35,000 gallons Bottled Water for less than \$2/yr
And no plastic bottle waste

Water Genie

The Problem

Minerals in the water are the major components of TDS (total dissolved solids). These minerals need to be removed on many applications, or they will form deposits.

The Electronic Water Purifier makes patented pending technology available to lower total dissolved solids in the water.

How it Works

Electrodes used are made from activated carbon and other materials. These electrodes are layered into a cell casing. A DC power supply is applied across the electrodes. The individual electrodes are charged with different polarities. The minerals in the water are attracted to the opposite polarity of the electrode, These minerals are electrochemically absorbed on the surface of the electrode creating the purified water.

When sufficient minerals are deposited on the electrodes, the minerals are released during a regeneration step. The contaminants fall off the electrode after a flush valve opens discharging the contaminants removed

Benefits

- Simple Operation & Low Operating Costs
- No chemicals and no frequent replacement parts
- No pretreatment needed like membranes and media
- 80% to 95%+ TDS reduction
- 80% recovery (20% waste water)
- Removes more contaminants than any single other technology
- Compact size

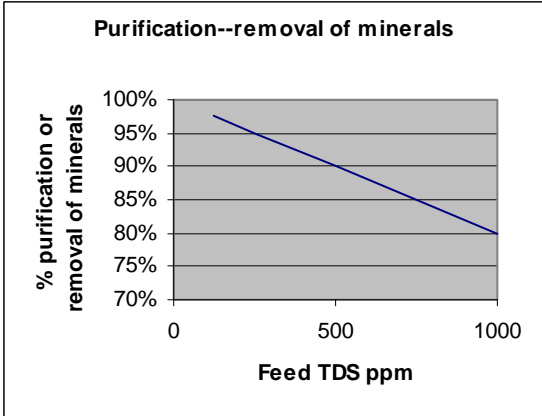
General Specifications

Flow Size: 100 GPD (430 LPD)
 Recovery 80%
 TDS Limit 1,000 ppm
 Current: ½ amp @110 VAC (available 240 VAC)
 Power 1/3 watt per gallon
 Size: 9”d x 7”w x 171h (without bladder tank)

Applications

- Kitchen: under the sink or appliances
- Laboratory use for DI water (when combined with DI cartridge)
- Test and Evaluation unit

Lowers TDS 80% to 95%



Typical Contaminants Removed

Hardness	Arsenic	Chrome
Lead	Fluoride	Nitrates
Iron		



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