



Plus Softens Water & remove pollutants

Model P1-CA & P2-CA (5000 ppm max)
(Feed Flow 150 LPH, 300 LPH)

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. [There is an automatic cleaning maintenance cycle.](#)

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
- 6 log disinfection
- No harsh chemicals and no frequent replacement parts
- No pretreatment needed like membranes and media
- 80%+ TDS reduction
- 75% recovery (25% waste water)
- Removes more contaminants than any single other technology
- Compact size
- Onboard Citric Acid Cleaning automatic

General Specifications

Feed Flow Size: P1-CA: 150LPH P2-CA 300 LPH
 Limits: TDS P1 or P2. 3,000 ppm max
 Current: 1 amps @ 220 VAC
Size: unit 20" d x 20" w x 30" h
Power 100 wh
Weight: 25 lbs.

Applications

- Residential
- Commercial

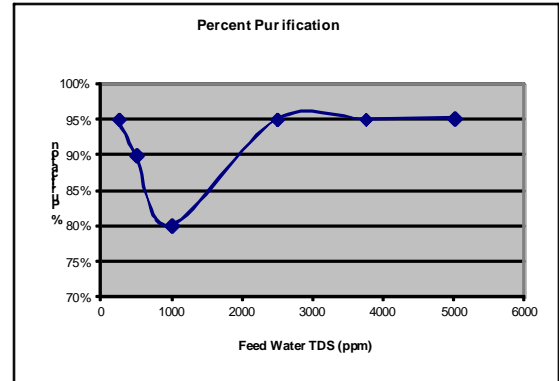
Sizing

1,000 ppm 1 stage
 3,000 ppm 2 units in series

Typical Contaminants Removed

Hardness	Arsenic	Chrome	Lead
Fluoride	Nitrates	Iron	per chlorate

Lowest TDS and Hardness + more



Features

- Durable Powder Coated Steel Cabinet
- Dial-4-Taste
- Easy to operate; long life
- No service calls—low maintenance
- No expensive parts to replace each year



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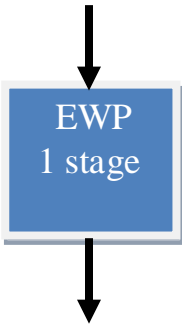
Solar Kits (can run at night for 8 hours)



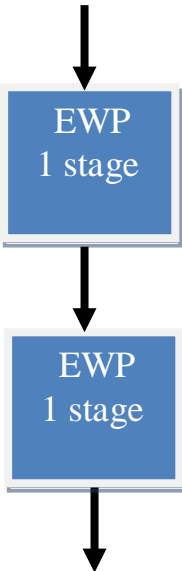
Solar panel
Charge controller
Inverter
Cables and connectors
battery

So easy to Configure ECO EWP-Build in Series for higher TDS

1,000 ppm
Feed



3,000 ppm
Feed



5,000 ppm
Feed

