

## M/s Ajlon Technologies

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# AJLON EWC

## Electro- Magnetic Water Conditioner



- u **No Chemicals or No Salt required**
- u **No Filters to change**
- u **Maintenance free operation**
- u **Easy to install**
- u **One time investment, Short term Payback**
- u **Environmentally friendly & hazard free**

**Easy To Solve Hard Water Problems**

# Ajlon EWC *Electronic & Magnetic Water Conditioner*

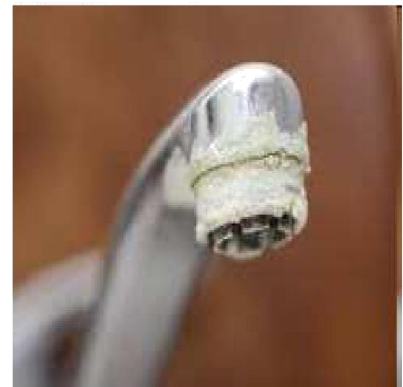
## What is hard water ?

Rain water is somewhat acidic because as it falls through the atmosphere it encounters carbon dioxide (CO<sub>2</sub>) with which it reacts to form carbonic acid as follows Rain water combines with gases in air & becomes slightly acidic. Water + Carbon dioxide = Carbonic acid (H<sub>2</sub>O + CO<sub>2</sub> = H<sub>2</sub>CO<sub>3</sub>). The slightly acidic water dissolves rock and forms hardness. The hardness in the water comes from the calcium and magnesium salts that dissolved into the water from soluble rocks through which the rain water flows. Calcite, the main cause of scale, is the most common form of calcium carbonate and occurs naturally as a natural ingredient of chalk, limestone and marble. Water passing over and permeating through such rocks dissolves calcite when this water subsequently flows through a water system the calcite precipitates out to form a very hard scale on surfaces. When hard water is heated or evaporation takes place, the problems are exacerbated. Calcite forms ever growing layers of rock – like deposits until eventually pipes, jets and equipment become totally blocked.

**How it's work :-** When hard water passes **Ajlon EWC Water Conditioner**, special high frequency waves treat the water by inducing magnetic and electric fields with a continuous changing frequency. This forces further breaks particles of minerals such as Calcium and Magnesium to crystallize in the water from (40 microns to 4 microns) before the ions settle. This treated water is the best solvent and useful for residential, agriculture, industries, constructions, etc.

## Benefits of Ajlon EWC Antiscaler :-

**Residential :-** Water will be soft and soap will lather up much more while bathing. Skin will feel smooth and hair will be soft and silkier. You are protecting our environment by not treating your water with a water softener. Soap and detergent use can be cut back by up to 25% or more. Stains on sinks, basins, toilets will be easily wiped away. Less scum will allow for soap and detergents to work more effectively. Lime scale deposits will never form again once removed. Coffee will taste better, and juices & concentrates will be much more flavorful. Water will taste better because pipelines have been cleaned out of scale deposits. Ajlon EWC costs less than a water softener and all the salt and maintenance they require.



Help protect the life of water heaters. Washing machines and other water fed appliances will operate more efficiently. Removes scale buildup in tankless water heaters permanently without filters or maintenance. **Ajlon EWC Water Conditioner**, will remove all scale deposits that have built up in your household pipes. Premature failure of water heater and heating elements are no longer a problem. Water filters and RO membranes will work more efficiently.



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# Aquanett *Electronic & Magnetic Water Conditioner*

**Agricultural :-** Plants and Crops roots contains small cell membranes which carries various nutrients from soil to all parts of plants and crops. Due to hard water this cell membranes get affected resulting into incomplete growth of plants. Moreover when hardness of water increases the T.D.S level of water rises to (2500 - 3000 and above T.D.S) which reduces the functioning of cell membranes upto 80% in plants and crops. This water contains calcium and magnesium which is needed to plants and crops but due to hardness of water it becomes ineffective, by using **Ajlon EWC Water Conditioner**, the water is soften and also increase the effectiveness of fertilizers which ultimately result in growth of plants and crops. Hence the vegetation period decreases. Crops production & crops quality increases up to 30% and more. Improves soil structure. Increases milk production & fat content in milk. Increases average weight gain in calves. Improvement into fertility. In poultry, egg laying capacity increases & problem of thin shelled eggs in minimized.



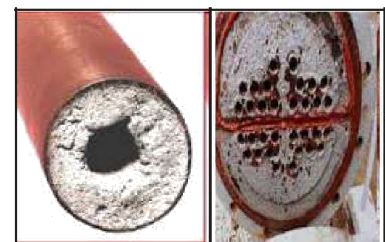
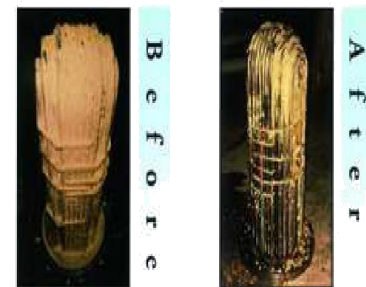
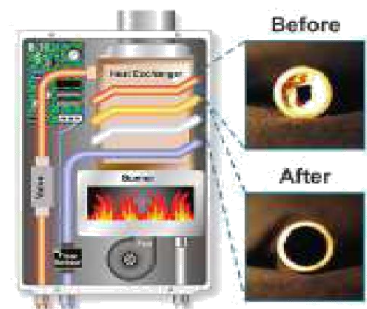
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# Aquanett *Electronic & Magnetic Water Conditioner*

**Industrial :-** Ajlon EWC Water Conditioner utilizes the patented Ultra Low Frequency in its treatment to effectively increase the water solubility and energy level. This is achieved by the production of time-varying low frequency waves through the **Ajlon EWC Water Conditioner** units.

**Scale control** - At an increased solubility of the water, calcium and carbonate ions remains in solution instead of precipitating into calcium carbonate hard scale, known as calcite. Therefore, the system effectively controls scale formation at a higher Total Dissolved Solid (TDS) level without compromising the efficiency of the heat exchange media.

**Corrosion control** - The **Ajlon EWC Water Conditioner** promotes the formation of magnetite ( $Fe_3O_4$ ). Unlike common red rust ( $Fe_2O_3$ ), this black magnetite layer adheres strongly to the steel surfaces and protect the base steel from further corrosion.



**Benefits :** - No chemicals, No consumable, Energy saving, Excellent control of hard scale & corrosion, No routine maintenance

**Variants:-** Ajlon EWC Electronic Water Conditioner is available in 230V/Ac - 50 Hz (single phase) and 440V/Ac - 50 Hz (three phase) for high T.D.S above 1000 ppm. **Ajlon EWC Magnetic Water Conditioner** without power for low T.D.S below 1000 ppm.

**Available pipe types:-**

UPVC, RPVC, CPVC, Copper, etc.

**Installation:-** Install at the outlets of water tank. Do not store processed water.

**Contact for Dealership & Distribution Rights :-**

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*Terms and Conditions apply*

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