

India's No. 1*

ETHIX WATER CONDITIONER

(Electrolysis, Electronics with Electromagnetic)

ANTI-SCALING, ANTI-RUSTING, ANTI-ALGAE

"Bye Bye to Borewell Hard Water"



USEFUL FOR DOMESTIC, AGRICULTURE & INDUSTRIAL SECTOR

Delta Series {Δ}



Brahmastra Home Series



Alpha Series {α}



No Maintenance

No Salts

No Chemicals

Fit And Forget

One Time Investment

Long Life

INTRODUCTION

Buying a House is a Dream for everyone and you spend all your savings to buy one, but while you own a house with the entire facilities one major thing you normally neglect is the water supplies of the house. The water supply is the single most and critical features of your house. The entire piping system consists of water supply to taps, sinks, showers, tubs, toilets, washing machines, dishwashers, water heaters, gardens and various areas inside or outside of house. The higher the hardness of water more the problems you have at your home. This because the hard water deposits can easily pollute and contaminate your entire plumbing systems. This not only affects the external piping systems but may damage shower heads especially the water heaters and if you have a RO unit than it can cause you high maintenance expense.

But with **Ethix Water Conditioner** all your worries can be rested, it's the answer for all your Water supply issues. We have put in years of experience to research and develop a product that helps you solve all your Problems

WHAT IS HARD WATER ?

Rain water is some what acidic because as it falls through the atmosphere it encounters carbon dioxide (CO₂) with which it reacts to form carbonic acid as follows. Rain water combines with gases in air & becomes slightly acidic. Water + Carbondioxide = Carbonicacid (H₂O + CO₂ = H₂CO₃). The slightly acidic water dissolves rock and forms hardness. The hardness in the water come 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 take place, the problems are exacerbated. Calcite forms ever growing layers of rock – like deposits until eventually All pipes, Home appliances (Gas geyser, Washing machine, Water purifier, Cooler, Electric heater), Agriculture Pivot Systems, sprinklers, irrigation pumps Industrial cooling Tower etc. All these equipment become totally blocked.

Why the Ethix was designed?

The sole motive Ethix Water condition was envisaged is because of the need to have a product that diminishes or eradicates the calcium build up problem that has beleaguered worldwide on plumbing and pipeline system from residential to commercial to industrial space. For a long time there have been various designs and products manufactured in an effort to achieve the reduction of calcium build up in water but time and again all of these units have failed to do so.

SOME BENEFITS OF ETHIX WATER CONDITIONER

BEFORE

AFTER



- ◆ Enhances Taste of Water
- ◆ Conditioned water is good and harmless for skin and hair
- ◆ Conditioned water forms good Foam to detergent
- ◆ Diminishes the Hard Water scale considerably and prevents future build up in pipelines and other Water equipments
- ◆ Prohibits Fungus, Algae and Mildew growth
- ◆ Protects Water heaters from deterioration
- ◆ Doesn't affect clothes by water washing
- ◆ Reduces gaseous elements in Water
- ◆ Conditioned water keeps bath tub, shower walls, toilet area clean
- ◆ Reduces water spotting
- ◆ Extends Life of RO units
- ◆ Zero Back Flush
- ◆ Eradicates the white scale build up on fences and side-walk



Before



After

HARD WATER



SOFT WATER



ETHIX APPLICATIONS FOR FARMS AND AGRICULTURE

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 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 Ethix Water Conditioner, the water is soften and also increase the effectiveness of fertilizers which ultimately result in growth of plants and crops. Water Conditioners water makes a fantastic static mixer, so you get a great water fertilizer mix.

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 is minimized. Salt, iron and other minerals will be kept in solution so they don't crust and damage plants and equipment. Irrigate with a Ethix Water Conditioner water is absorbed into the ground more easily taken up by plants. Greater feeder roots have been reported. Less water is lost to evaporation as it is absorbed in the ground. Pipe and sprinkler nozzles will be protected from timescale deposits. You won't need to buy in water which will save you huge amounts of money.

All animals love to drink the softer treated water so they will be healthier.

AGRICULTURAL BENEFITS

- ◆ Enriches the Soil.
- ◆ Fertilizers are utilized to optimum as the maximum gets immersed and absorbed.
- ◆ Less usage of Fertilizers and Improves germination ,soil and crop yields.
- ◆ Rapid growth of crops and vegetation.
- ◆ No blockage or impasse in drip irrigation units or pipeline system.
- ◆ Cost effective and low maintenance.
- ◆ Improves calcium, magnesium & iron availability & absorption in crops resulting in healthier plants, livestock and people.
- ◆ Reduce evaporation due to improved absorption.



OPERATIONAL HIGHLIGHTS OF ETHIX WATER CONDITIONER :

- ◆ Our water conditioner prevents and eradicates hard water scale and decomposition on all water related equipments like Pivot Systems, drip lines, sprinklers, irrigation pumps and water lines.
- ◆ It clears standing and static water in your fields by breaking up compacted soil layers and improves infiltration.
- ◆ Water usage is condensed as much as 15% or more and pumping costs are reduced. Soil shapes are improved.
- ◆ Cost effective solution which reduces Fuel or Electrical costs by further reducing water usage.
- ◆ Improves pump effectiveness and efficiency by providing “wetter” water through piping system. Amplifies bright root growth which improves the plants ingestion of water and nutrients, providing improved and healthier plant life.
- ◆ Lessens heat stress on vegetation.
- ◆ Plants and seeds take root sooner and in a more absolute form.
- ◆ Because nutrient is supplied abundantly the need for fertilizers are reduced.
- ◆ Disbands contamination within the soil to higher extent.
- ◆ Avoids hard water spotting and provides overall preservation and protection to walls, walkways, fences, farming equipments or anything in contact with water though Iron staining may have need of a dedicated filtration.
- ◆ Helps control and reduce algae growth in water retention areas such as lagoons, ponds or water tanks.
- ◆ Being a cost effective solution it helps in reducing costs of labour, equipment replacements and revamp or repairing costs.

SOME BENEFITS OF ETHIX WATER CONDITIONER

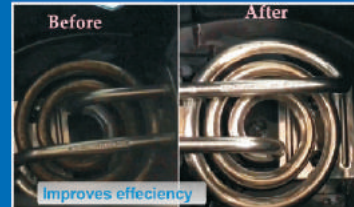
Hard water and scaling are major problems for the Industrial Industry. Until now, the only reliable solutions were chemicals, scale inhibitors or expensive water softener systems. Ethix water conditioner offers you a Maintenance-free, Environmentally-friendly alternative.

Ethix Water Conditioner is an 3 Stage Electronic descaling system that is installed on the water line. It provides year-round water conditioning and lime scale buildup prevention and removal. Industries trust Ethix Water Conditioner for water conditioning while enjoying the benefits of saving on overall operating and Maintenance costs.



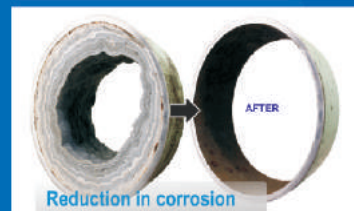
COOLING TOWERS

You will observe huge savings in Maintenance, Biocide Chemicals, Labor & Water usage. Ethix Water Conditioner reduces Scale build-up, Bacteria, Biofilm, Corrosion and Algae blooms. It will reduce makeup water/blow downs substantially, resulting in huge water savings. It will increase the life of the equipment and lower Energy Costs.



BOILERS

You will see huge savings in Chemicals and Maintenance costs. Ethix Water Conditioner reduces scale formation on Boiler fire tubes, Condensation Tanks, Pumps, Pipes and Valves. Our product lowers Energy costs Dramatically and Extends Equipment Life.



WATER HEATER TANKS

Water Heaters work more Efficiently resulting in Huge Energy Savings. Scale is controlled on Heating Coil and Tank.



CHILLERS/ CONDENSERS/ AIR HANDLERS

Controls Limescale deposits on Heat Exchanger Tubes and Surfaces resulting in Substantial Energy Savings.



INDUSTRIAL BENIFITS

- Preventing scale accumulation
- Chemical Free
- Control of algae and bacteria
- Tremendous energy savings
- Improves efficiency
- Decreases need for water purifiers, water filters and water filtration devices
- Reducing downtime and maintenance
- Reduction in corrosion
- Increasing cycles of concentration (water savings)
- Extends life of capital equipment
- Environmentally friendly

Ethix
WATER
CONDITIONER

Authorised Distributor / Dealer

Manufacturing & Marketing by

EMERGING ETHIX POWER LLP

(Eco Friendly GERMAN TECHNOLOGY For 21st Century)

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