



WEISMACHER
Eco Private Limited

Do you want to get rid of

HARD WATER



— ELECTROMAGNETIC —

**Water Softener
& Conditioner**



What is HARDWATER ?

Hard water is a term that denotes water having a very high mineral content. As water percolates into deposits of calcareous, gypsum or chalk that are primarily composed of carbonates of magnesium or calcium, bicarbonates and sulphates, hard water is formed.



What are some common PROBLEMS OF HARDWATER ?



The main problem associated with hard water is scale and deposits formation.

- ▶ Hardness in water is the main source of scale formation in heat transfer equipment, boilers, and pipelines.
- ▶ One of the most apparent issues with hard water is the presence of soap scum.
- ▶ Hard water will also cause problems for your skin and hair. The deposits left on the skin will dry the skin out and cause itchiness and other irritation.
- ▶ Hard water effects may include spots on glasses and silverware, faded clothing, discoloration in the bathtub and sink, and shorter life of water-using appliances.
- ▶ Hard water used in irrigation forms a coating on the roots and leaves of the crops thus depriving the plant from using waters, minerals, fertilizers and pesticides.

What is **WEISMACHER** ?

Weismacher is a flagship electromagnetic water conditioner indulged in water softening by removing ions of calcium and magnesium generally involved in the hardness of water. The product comes with a very facile installation consuming less power.



How does **WEISMACHER WORKS** ?

Weismacher works on the physical properties of water by changing the composition of calcium, thus incapacitating it to produce hard calcareous lime scale.

Water softeners operate on a simple principle: Calcium and magnesium ions in the water switch places with more desirable ions, usually sodium.

Weismacher is electromagnetic water conditioner in which appropriate electromagnetic field is applied to hard water and large mineral clusters of any size are being broken down into small and tiny particles and scattered. Weismacher softener work by altering the structure of calcium ions and make them incapable of forming lime scale.



Where it can be used ?



RESIDENCES

Reduced soap curd makes cleaning easier and reduces housework. In washing machines, softened water can reduce detergent use by 50% and save energy. In dishwashers, softened water can achieve the same cleaning results as untreated water while using less than half as much detergent.



AGRICULTURE

Reduces heat stress on plants. Water is absorbed into the ground more easily. Use on agricultural crops results in higher production and improved quality of plants with a reduction in the use of fertilizers. Magnetic water used on animals results in reduced mortality and improved health and vitality, increased weight of livestock, reduction of feed.



INDUSTRIAL

Magnetic water used on animals results in reduced mortality and improved health and vitality, increased weight of livestock, reduction of feed. Saves Time, Money and Effort in Maintaining Equipments. Absence of chemical additions & therefore, no adverse environmental effects.



COMMERCIAL

Limescale can affect the performance and efficiency of your appliances and can cause various costs that can hurt your business. Commercial dishwashers and glasswashers are just some of the appliances particularly affected by limescale, as they use hot water, high pressure and they heavily rely on balanced usage of chemicals.



LABORATORIES

Softened water can be used as feed water to the distillation units. The use of hard water in boilers would result in a lot of scaling and sedimentation. Hard water could impact chemical properties and chemical experiments carried out.



SWIMMING POOLS & HOT TUBS

Weismacher is used in swimming pools and hot tubs to improve water quality. Although a certain amount of minerals should be used to prevent the water from corroding certain parts of the plumbing, there are far more advantages with using a water softener here.



HOSPITALS

Hard water could be a real challenge in hospitals where it can interfere with the sterilization of the medical equipments. The cleaning of scales from the appliances and pipes is yet another tiresome and a costly procedure.

Benefits of WEISMACHER

Installing Weismacher can have numerous benefits:



It saves money on cleaning products

Improves the efficiency of your water induced electronic products

Reduce hard water build-up inside pipes and machinery to save your equipment from unnecessary wear and tear

Improve the energy efficiency of your building, especially in the production of hot water and humidification

Increases crop production and crop quality

Improves soil structure by controlling the pH level

Boost the better cleaning of dishes and clothes

Reduces effect of Chlorides & Fluorides, increases roots efficiency Water is absorbed into the ground more easily because of low viscosity

Help in treating the skin

Our Product **INSTALLATIONS**


AHMEDABAD




VADODARA




RAJKOT



Our **TRUSTED CLIENTS**

INSTALLATION IN INDUSTRIAL AND RESIDENTIAL SECTOR



Nidar Engineer

Ambica Casting

Kotecha Steel

Anil Engineer

Kelston Cast

Superior Ferrocast

Vishal Foundry

Jagdamba Ind.

R. M. Technocast

Asian Technocast

New S.K. Roof Care

Cast Tech Liners

Plasma Induction

Swadeshi Empresa

Sarjan Construction

Zenith Enterprise

Zen Marketing

Shaily Construction

Sky Enterprise

Bhavya Electricals

Swastik Enterprises

Rabatex Industries

Rabatex Industries

Shreyasbhai

Rajnibhai Gajera

Dayabhai H. Rathod

Shyambhai Chag

Raj Cooling | Aunjali Cold Storage | Superior Ferrocast | Vishal Foundry | Superlative Steel Cast
Jagdamba Industries | Olive wood | Mehta Forging | Airing Industries | Everest Technocast
Plasma Induction (India) Pvt. Ltd. | Superlative steel cast Pvt Ltd. | Asian Technocast
Kelston Cast | Anil Engineering | Kotecha Steel | Ambika Casting | Nidar Engineer | Steefo Industries
Letra Graphics | Swadeshi Empress | R. M. Technocast | Rabatex Industries



WATER is an elixir,
LET US NOT MAKE IT HARD

GET IN TOUCH

📍 Mezzanine Floor, N. R. House, Nr. Popular House, Ashram Road, Ahmedabad 380 009 INDIA

☎ 91 79 2754 5356 📞 94285 05433, 93161 03889

✉ info@weismacher.com 🌐 www.weismacher.com



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watch the video

