Best Solution in Hard Water

Jaldoot®
Crystal Clear Naturally Water

Water Conditioner - Softener

Jaldoot®
Crystal Clear Naturally Water

Magnetic, Electro Biomagnetic & Electronics Frequency
De-Scaler / Catalytic Converter

Agriculture Domestic Industrial Commercial
Water Conditioner - Softener

Hardness to Happiness





- No Chemicals
- No Salts
- No Maintenance
- Fit and forget
- One time investment
- Life time benefits
- Non Recurring Expences
- No Filters/Resins replacement



JALDOOT SYSTEMS INDIA PVT. LTD. Pune

An ISO 9001:2015 Certified Company

JALDOOT SYSTEMS INDIA PRIVATE LIMITED

Headquarters Location : JALDOOT INDUSTRIES - Plot No. 83 Near Maruti Meter Ramtekadi Industrial Estate Hadapsar Pune - 411028.

Mobile No. : +91 9822209656 | Office No: +91 9607009656, 9607519656

www.jaldoot.co.in

The Green Revolution

An ISO 9001:2015 Certified Company

ABOUT US

Jaldoot Systems India Pvt. Ltd. is an ISO 9001:2015 certified company and earned a brand name in Manufacturing and supplying of quality innovative products i.e. Magnetic, Electro Magnetic, Electronic & Pulse, Water Conditioner/Softener, De-Scalar, Catalytic Technology. These products JALDOOT WATER CONDITIONERS. are used in various industrial applications, agriculture as well as household purposes. This profile is a first step towards building that mutual trust and confidence, by introducing ourselves to you. Here we have tried to answer any questions that may arise in your mind; and we assure you of answering any other questions that may arise in your mind.

JALDOOT WATER CONDITIONER/ SOFTENER.

This is the special investigation in the field of 'HARD WATER' which helps in the field Where water is 'soul of process. Our Product is a special designed product in which -Ultrasonic, Magnetic static as well as pulsing power technology, in addition to these three technologies we have added a Catalytic technology in our water conditioner (please see photo of our "Three dimensional Water Conditioner' in attached file), due to which our product is a best of all, consuming less power, giving us the best results, all is controlled by the advanced designed micro-processor. We agree that every business should make money, but money is not the only Thing that a business should make

What do we do?

We provide premium HARD WATER solutions with our modern and creative way.

PROBLEMS CAUSED BY HARD WATER:

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.

The problem increases as the water gets hotter. Water containing 145 ppm of calcite, flowing at 3.5 litres per minute, produces in one year 4.8 kilograms of scale at 60°C. At 80ºC this rises dramatically to a massive 29.9 kilograms!

Scale wastes both energy and financial resources just one eighth of an inch of scale reduce heating efficiency by 25%. It is also very expensive to remove de-scaling pipes and boilers.

HOW IT WORKS?

Process of Jaldoot Water conditioner (3-Stage-Elecrolysis, Electronic Frequency with Permanent Magnet, Electromagnetic).

"JALDOOT" is a unique, efficient, energy-saving device designed to eliminate the problems of hard water, whilst retaining the natural benefits. This is achieved by changing the size of the particles of precipitated compounds, by aiding the ability of crystals to form their shape, and by altering the solubility of compounds within liquid.

"JALDOOT" takes the process of induced ionization to its ultimate stage of Cathode and Anode. The principles of Magneto hydrodynamics (MHD) are applied by passing JALDOOT patented signal through a coil wrapped around the pipe to be treated. The signal consists of a frequency modulated (FM) waveform within the audio frequency (AF) bandwidth. This inaudible sonic frequency signal sets up a dynamic field around and through the coil, pipe and water, and modifies the calcium carbonate crystal nuclei.

The nuclei upon which the crystals start growing are minute in size and have charged surfaces in their natural condition within the water. When they pass through the field, these naturally charged nuclei encounter considerable forces as the field interacts with them. The field acts at the surfaces of the nuclei and modifies the nature of the electrical charges and this ionization effect thus alters the growth rate and pattern of the crystals in general and on specific planes.

We Also Provide

Solar Trap | Sola Water Hearter
Solar Electric Power | Rain Water Harvesting
Boar Recharge | Commercial RO Plant
Sewage Treatment Plant | Softening System

Authorised Dealer :

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Scale Reduction

It is this changed size, modified charge and crystalline shape that has the first two beneficial properties for the reduction of scale. The 2-4 micron sized crystals become non-sticky and will not coagulate or precipitate and form scale in the same way as untreated calcium carbonate nuclei would. This process is so effective that the water has been found to fell and behave like chemically softened water. The presence of the large crystalline shapes disrupts the equilibrium between the fluid and any existing scale. Smaller particles in general, dissolve more easily, so the larger particles will have reduced the levels of calcite in solution. Hence, existing scale deposited by precipitation will soften and gradually be absorbed into solution and flow out of the system. In areas of still water, e.g. tanks etc., the soft scale would settle to the bottom and could then be removed simply by flushing. It has been established that the physiochemical process already described is more efficient because the signal energy is dynamically changing. By changing the signal field at high audio frequencies, unique to Baron, the energy Imparted to the nuclei is considerably accelerated. The crystal intra molecular structure is rapidly broken down and the occurrence causes a fast dissolution of any existing scale forming molecules.

DOMESTIC SECTOR

01. It helps to reduce, skin and hair problem due to Hard and Salty Water.
02. It will not allow to occur the scaling on expensive sanitary, Tiles Jacuzzi, Pipe – Line.
03. Improves the taste of domestic water supplies, makes great tea and coffee and keeps your kettle clean.
04. Helps keep bathtub and shower walls clean with less scrubbing
05. Dishwashers and washing machines remain clean and scale free, with less maintenance
06. Less water spotting makes car washing easy
07. Protects water heaters from corrosion, adds years to their lifetime,
08. Reduces salt encrustation on air conditioners.
09. Softer water in shower and bath
10. Remove scale from taps, pipes, and showers hence increase in pressure.
11. Lawns and gardens thrive using salty water
12. Fabrics are cleaner and softer, healthier skin
13. Longer life jugs, hot water systems & white goods
14. Sparkling crockery, cutlery and glassware.
15. It helps to reduce your electric bills which increases due to loss of efficiency.

INDUSTRIAL SECTOR

01. It dramatically reduces maintenance cost of RO & other water treatment plants.
02. It helps never need de-scaling in Boilers, Heat exchanger, Cooling Tower, Centralize, Cooling System, Induction Furnace.
03. Wastewater recycling.
04. It is 100% Eco-friendly.
05. It eliminates biofilm hence controls bacteria level.
06. Stops scale buildup and corrosion. On pipes and fittings
07. Just fit and forget, no maintenance required once it is installed.
08. It has no filters hence endless supply of soft water, no flow limitation.
09. Uses no chemicals. Extends the life and improves performance of boilers and cooling plants.
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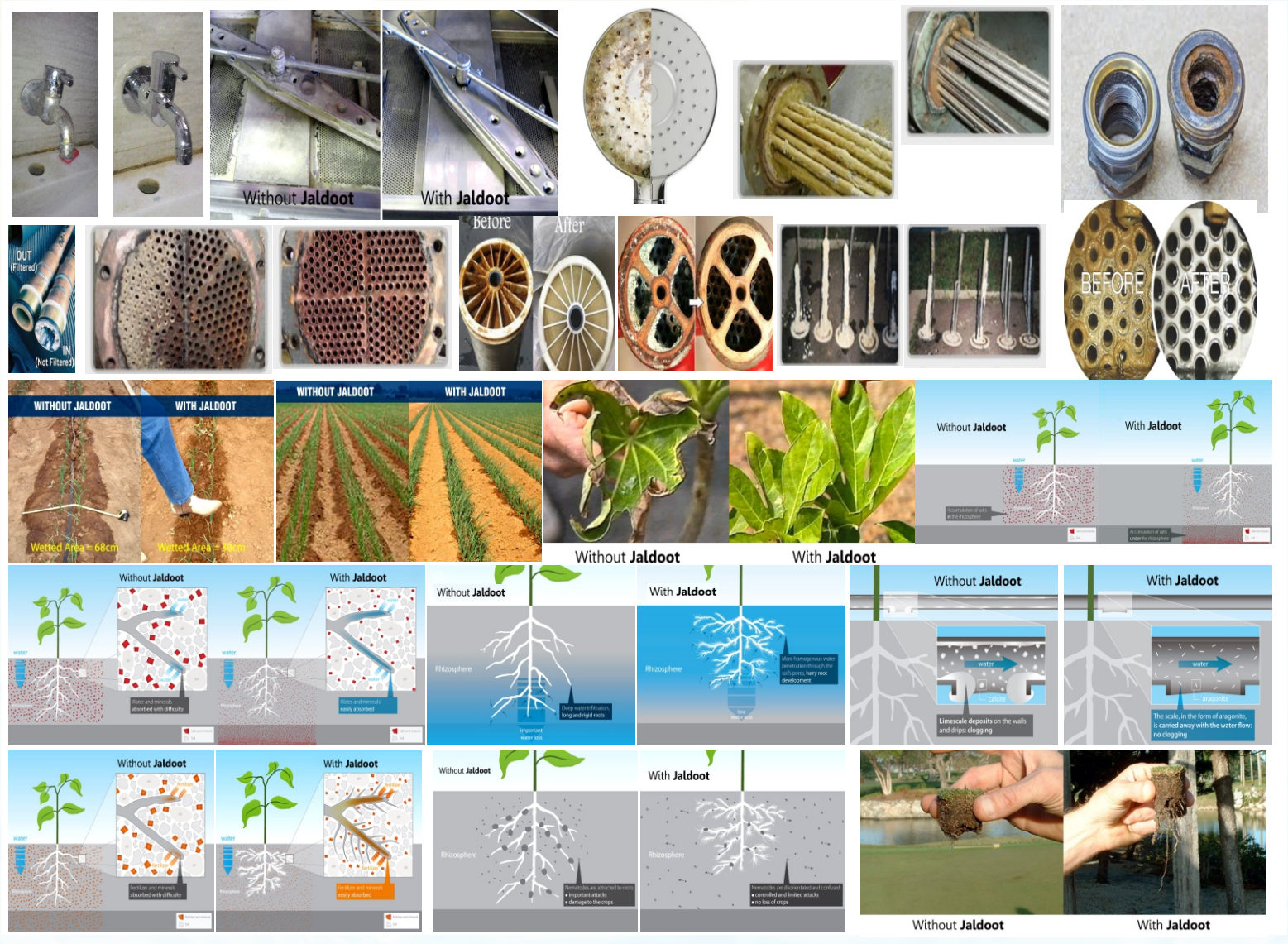
Our skill-set includes:

- Easy to install
- Longer life
- Low Consumption
- Easy to install- NO Special Skills needed.
- No Maintenance – Set it & forget it.

TECHNICAL SPECIFICATIONS

Supply voltage:	110-240V, 50/60 Hz
Power consumption:	5 Watt to 25 Watt
Application Voltage:	12 V DC
Coil cable:	1 mm2/20AWG, Blue Maximum Coil Temperature: 176 F (80 C)
Capable Of Driving :	2 Coils Double Layer
Maximum Enclosure Temperature:	149 °f (60°c) Minimum Enclosure Temperature : 14°f(10°c)

Before / After



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