

REVOLUTIONIZING WATER TREATMENT IN INDIA

The Ultimate Scale Breaker Solution



SCALEBRECK[®]



Collaborative solutions for hard water challenges

The primary goal of a scalebreck is to maintain optimal performance and efficiency of water systems by minimizing the adverse effects of scale buildup.

Overview of the challenges posed by scaling in water

Hard Water Issues



Many regions in India face the problem of hard water, which contains high concentrations of minerals like calcium and magnesium. When hard water is heated or evaporated, these minerals form scale deposits, leading to the scaling of pipes, fixtures, and equipment.

Reduced Efficiency



Scaling reduces the efficiency of water systems by restricting flow rates in pipes, reducing heat transfer efficiency in boilers and water heaters, and diminishing the effectiveness of water treatment processes. This results in increased energy consumption, higher operational costs, and decreased system performance.

Damage to Infrastructure



Scale buildup can cause damage to water infrastructure, including pipes, pumps, valves, and appliances. Over time, scale deposits can lead to corrosion, blockages, and mechanical failures, necessitating costly repairs and replacements.

Impact on Industries



Scaling poses significant challenges to industries reliant on water for manufacturing processes, such as food and beverage production, pharmaceuticals, textiles, and power generation. Scale accumulation in industrial equipment can lead to production downtime, decreased product quality, and increased maintenance costs.

Health Risks



Scale buildup in water systems can harbor bacteria and pathogens, posing health risks to consumers. Additionally, scaling reduces the effectiveness of water treatment processes, potentially compromising water quality and safety standards.

Approach



ScaleBreak offers an innovative solution to the persistent problem of scale buildup in water systems. Using advanced electronic descaling technology, Scale Break prevents scale formation and removes existing deposits without the need for harsh chemicals or mechanical cleaning methods. By altering the physical characteristics of calcium molecules, Scale Break disrupts the formation of scale, ensuring optimal performance and longevity of water-based equipment such as boilers, heat exchangers, and cooling systems. This environmentally friendly approach promotes sustainability, reduces maintenance costs, and enhances energy efficiency, making Scale Break an ideal solution for businesses seeking to optimize their water treatment processes.

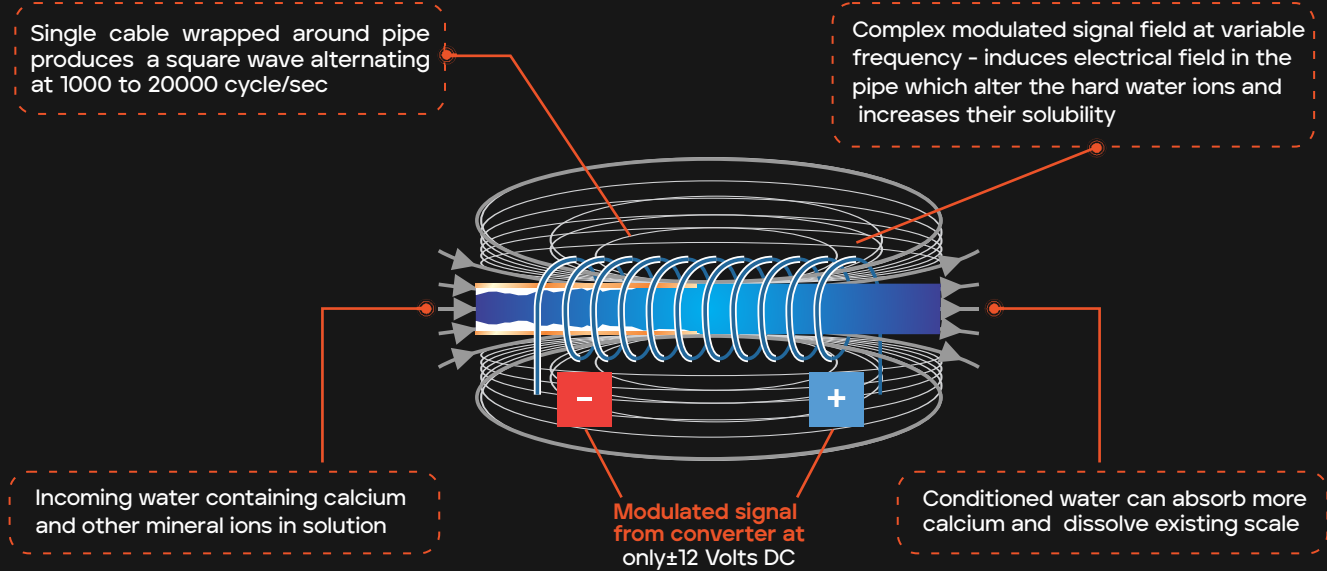
ScaleBreck

ScaleBreck stands as a pioneering electronic water descaling and conditioning system, engineered to tackle hard water issues at their core. Installed directly onto water lines servicing industry, homes, buildings, or equipment, ScaleBreck employs cutting edge technology to combat the root cause of hard water the formation of calcium salt molecules.

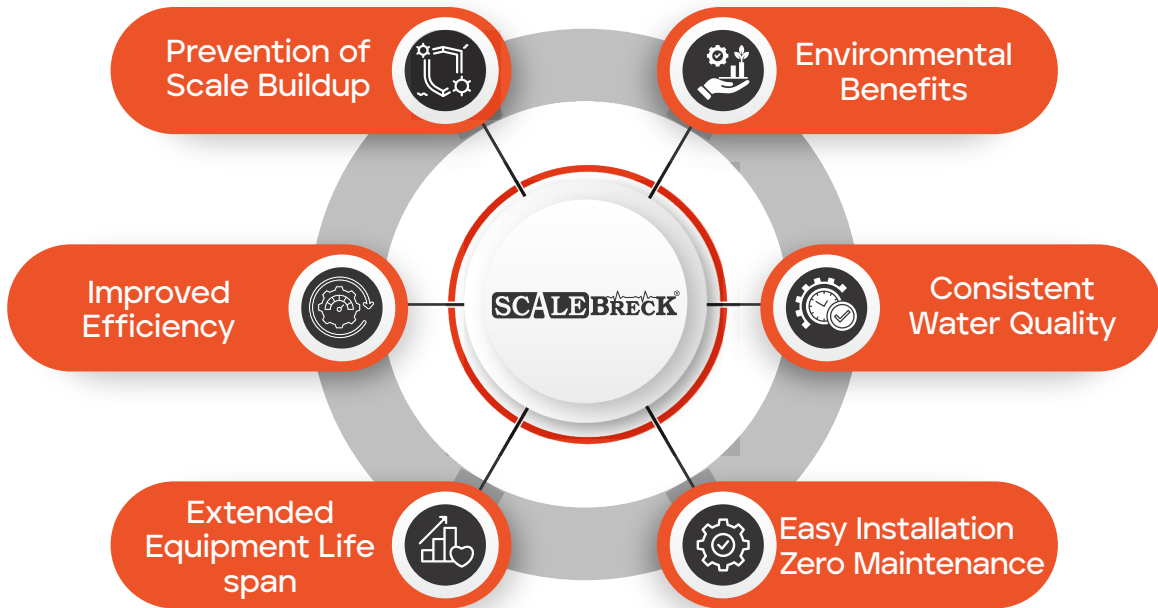
Our innovative controller generates a dynamic electronic field, utilising a proprietary modulating frequency wave/sonic waveform. This transformative field alters the physical characteristics of calcium molecules, inducing a remarkable shift in shape, size, and charge. As a result, the cohesive forces holding these molecules together are significantly weakened, rendering them unable to form salts for a sustained period.



How ScaleBreck Works



Experience the Difference with ScaleBreck



Save up to **60%**
on Operational Costs
with ScaleBreck

Unlock Savings **100%**
Chemical Costs with
ScaleBreck

Realize up to **30%**
Decreasing in Water
Usage

Obtain up to **15%**
Lower Energy Cost

Partnered Applications

SCALEBRECK

These systems effectively prevent scale buildup in plumbing infrastructure, equipment, and appliances, ensuring efficient water management and quality across diverse sectors.



Commercial properties



Industrial facilities



Educational Institutions



Municipal water treatment plants



Hospitality establishments



Food & beverage plants



Agricultural operations



Healthcare centers

Our portfolio

includes models suitable for a broad spectrum of industries



INDUSTRIAL

Designed for heavy duty applications in manufacturing plants and industrial facilities providing robust scale prevention for equipment and machinery.



COMMERCIAL

Design for offices, hotels & restaurants, ensuring scale-free water supply for improved efficiency.



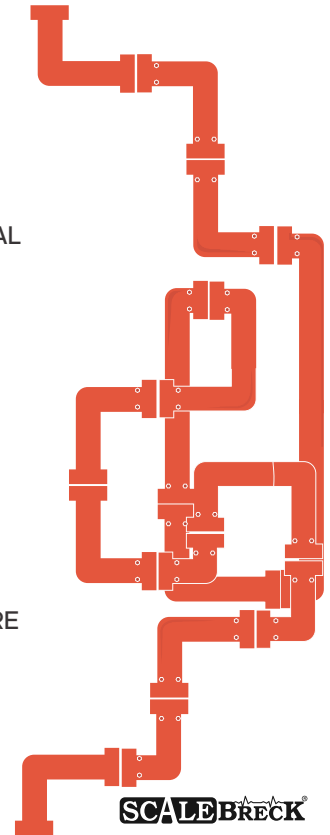
DOMESTIC

Ideal for residential properties, ensuring scale prevention in homes and apartments



AGRICULTURE

Tailored for agricultural operations, preventing scale buildup in irrigation systems and livestock facilities





Customization and Support



Comprehensive training programs for client personnel.



24/7 technical assistance for immediate support

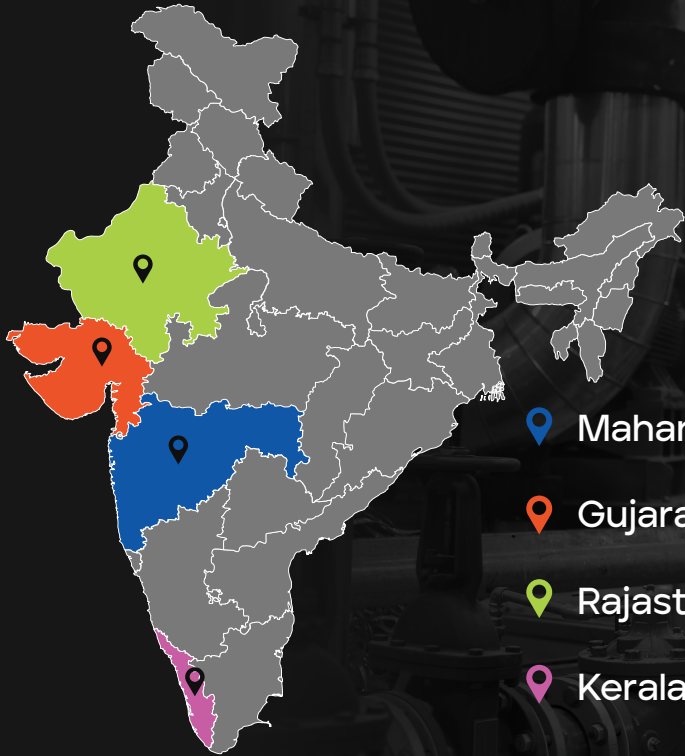


Continuous improvement & innovation based on client feedback




Dedicated customer support for installation, troubleshooting & maintenance.

Our Presence



 **Maharashtra** Head Office

 **Gujarat** Regional Office

 **Rajasthan**

 **Kerala**



Our Customers

SCALEBRECK®

1000+ installation completed



RAMEE PANCHSHIL
KOLHAPUR



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Manufactured by
Win Energy

SCALEBRECK®

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