PATENTED TECHNOLOGY

THE CHEMICAL-FREE SOLUTION TO LIMESCALE PROBLEMS



TRANSFORMS · RETAINS · PROTECTS

LAGUR MADE IN DENMARK

FEWER LIMESCALE PROBLEMS

WITHOUT REMOVING THE LIMESCALE

Limescale is a natural part of water. LAGUR changes the way the limescale precipitates, making it softer and easier to remove – without removing the water's natural minerals.

WITHOUT SALT OR CHEMICALS
Nothing is added to the water

FEWER LIMESCALE PROBLEMS
Soft limescale that is easier to remove

PRESERVES MINERALS
Calcium and magnesium remain in the water

MINIMAL OPERATION
No salt refilling or regeneration

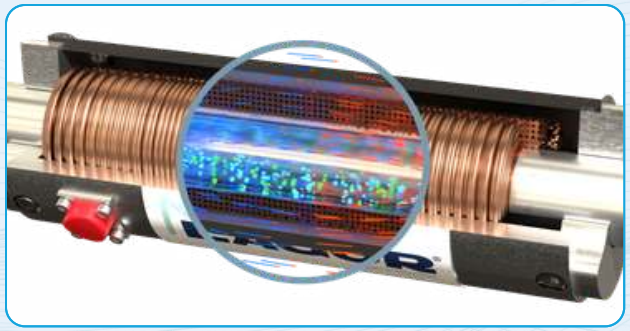
PROTECTS INSTALLATIONS
Less hard limescale on heating elements and surfaces

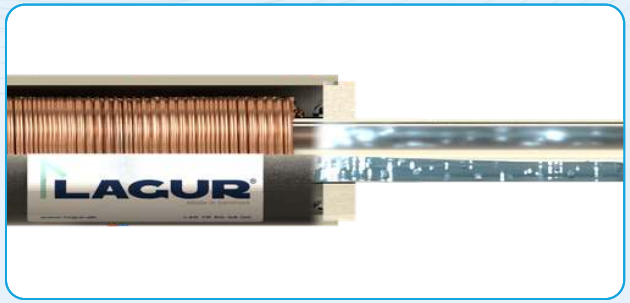
EPD® THE INTERNATIONAL EPD SYSTEM

PRODUCED AND DEVELOPED IN DK

HOW LAGUR WORKS







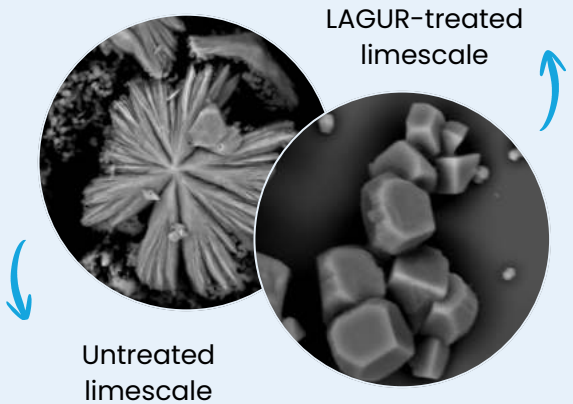
01 DISSOLVED LIMESCALE IN THE WATER
Calcium and bicarbonate ions are present in dissolved form in the water, where they gather in small clusters. When the water is heated, they can develop into hard limescale crystals that settle on surfaces and installations.

02 LAGUR AFFECTS LIMESCALE FORMATION
When the water passes through LAGUR's patented technology, it is guided through an elongated copper coil that creates a rapidly alternating magnetic field. The field affects the small limescale clusters and changes the way the limescale later precipitates.

03 SOFTER LIMESCALE PRECIPITATES
After treatment, the limescale is still in the water, but when it precipitates, the formation of softer limescale directly in the water is promoted, rather than the hard, firmly adhering limescale that would otherwise typically form. The result is a looser deposit that is easier to wipe or brush off.

See how LAGUR's technology works

Read the documentation behind LAGUR's technology



GEUS

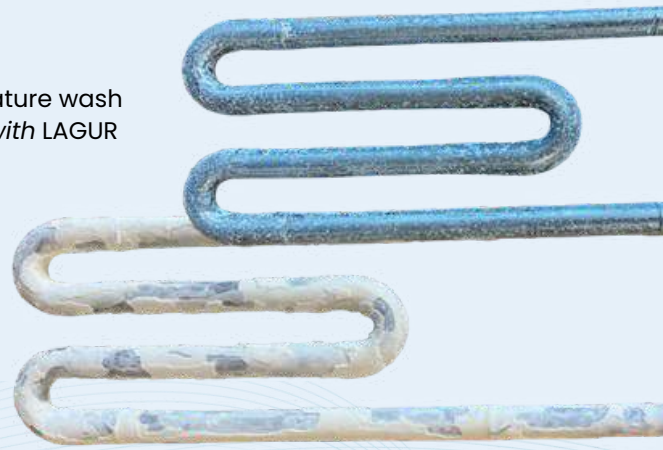
DOCUMENTED EFFECT

Research documents that magnetism can affect limescale precipitation. Coey's formula (2012) shows that the effect depends on the length of the unit and the rate of change of the field – not the magnet's raw strength. LAGUR is built according to this principle.

- **Danish Technological Institute:** Tests of washing machines showed significantly less firmly adhering limescale with LAGUR.
- **GEUS:** Electron microscopy showed a clear difference in the crystal structure of the limescale.
- **Rambøll:** A field study showed softer limescale among all consumers examined and a measurable effect up to 6 km from the waterworks.
- **FORCE Technology:** X-ray analysis showed a higher proportion of the softer aragonite in LAGUR-treated limescale.

DANISH TECHNOLOGICAL INSTITUTE

140 high-temperature wash cycles at 14 °dH *with* LAGUR



140 high-temperature wash cycles at 14 °dH *without* LAGUR

CHEMICAL-FREE WATER TREATMENT FOR HOMES, PROPERTIES AND BUSINESSES

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