

# Water Block with Limescale Inhibitor



## Current solution

Over 30 years experienced in Water Block manufacturing, more than 4 millions units sold.

As it is known Eltek “Water Block” is already well recognized within the market as the only mechanical solution to **prevent overflow**.

It measures the quantity of liters (gallons) that pass through it during **each cycle**:

- If this is lower than the pre-set limit, the valve does not stop the flow and the device **automatically** re-starts measuring from zero
- If the limit is exceeded, the valve **stops the flow** and keeps this state until user intervention

The limit amount of water can be set by the end user, choosing within a range of **5 to 50 liters (1,32 to 13,21 gal)**

It requires **no external energy** to work, therefore providing **protection 24/7**

Available both for **Europe** and **U.S.A.**



## Anti-limescale magnet solution: working principle

The market currently offers stand-alone solutions for limescale prevention. One of the best solution is the **limescale inhibitor with magnets**.



**Powerful magnets “break down” the calcium molecules** contained within hard water, therefore drastically reducing the limescale build up resulting in the appliance.

Such solution requires **no maintenance** at all.

This product not need to be cleaned, and there are no elements which need to be periodically replaced (i.e. filters).

## Overflow Safety and Limescale Inhibition at once!!!



with  
Limescale inhibitor

Linked to market requirements, Eltek's R&D has developed a new solution, combining the safety function of water block with the limescale inhibitor function.

The result is our «**Water Block with limescale inhibitor**» that provides you with all functionalities of our «Water Block» ensuring **overflow prevention**, and on top of that it embedded a magnet that simultaneously **inhibits limescale build up!!!**

**PATENTED**

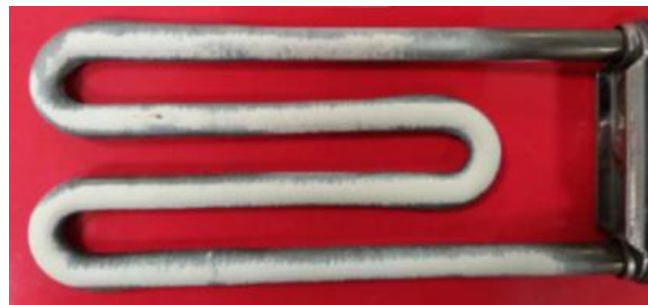
# Benefits for your appliances: safety and efficiency



Prevent catastrophic flood



Low Efficiency: without limescale inhibitor



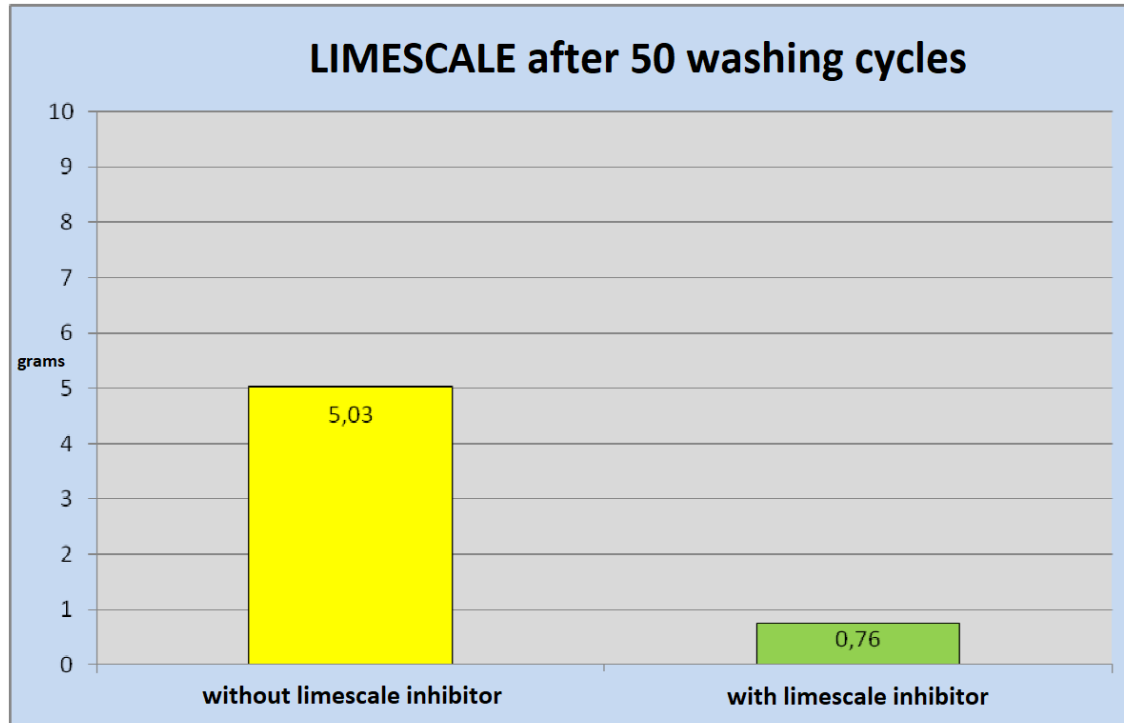
Kept High Efficiency: with limescale inhibitor

**Safety: Eltek Water Block prevent a catastrophic flood.**

**Efficiency: magnetic limescale inhibition** maintain the energy efficiency of the different appliances at its maximum level by reducing the limescale build up on the heating elements:

- the appliance's **cleaning performance** are improved and the **amount of detergent** needed during the wash cycle is reduced;
- the **appliance's lifetime** is benefitting;
- **several applications:** washing machines, dishwashers, coffee machines, water dispensers, electrical boilers...

## Limescale Inhibitor: Proved Results!!!



The effectiveness of the limescale inhibition has been **tested and proved** by **3° party laboratory**.

A test was carried out on a washing machine, measuring the limescale build up after just 50 washing cycles, without using any limescale inhibitor.

**85% reduction of limescale.**

*The full report of the test carried out by “Mérieux Nutrisciences” is available on request.*

# Eltek Water Block with Limescale Inhibitor Certificates

