

PRIZMAMAG

PRISMATIC PHYSICAL DEVICE FOR LIMESCALE NEUTRALIZATION

Description

The prismatic physical magnetic device is designed to neutralize limescale. Installation is simple and non-invasive—no need to alter the plumbing system. The magnetic unit is mounted externally onto the pipe and gently secured. It can be installed right after the water meter at the main inlet or directly before appliances such as boilers, dishwashers, washing machines, central heating units, coffee machines, etc.

Advantages

- Easy installation
- No electricity required
- No chemical agents used

Natural Water Hardness

Groundwater contains various minerals, typically calcium and magnesium, which make water 'hard'. Hard water contains varying concentrations of calcium and magnesium ions. Water hardness is measured in degrees (German or French). One German degree means 28 mg of calcium oxide or 24 mg of magnesium oxide per liter of water.

Consequences of Limescale Formation

Limescale deposits in pipes, tanks, and heating elements cause equipment damage and increased energy consumption. A thicker layer of limescale leads to higher electricity usage. Limescale also disrupts industrial processes.

Proven Results

- Up to 70% reduction in limescale without chemicals
- Eco-friendly and energy-free solution
- Compact size
- Simple installation



Operating Principle

The magnetic field alters the crystalline structure of minerals in the water. These altered particles no longer stick to surfaces but instead flow with the water. Under pressure, they precipitate as aragonite, which is easier to remove. The device does not change the chemical composition of water.

Benefits of Additional Water Treatment

- Energy and cost savings
- Reduced wear and corrosion in appliances and pipes
- Improved taste of food and drinks
- Easier cleaning of fixtures and surfaces

Notes

Initially, more limescale may be observed—this is normal. Clean filters (e.g., in washing machines) regularly. Deposits must be removed within a week to maintain effectiveness.

Effectiveness Test

Boil 2–3 liters of water in a pot. After evaporation, a thin, easily removable layer of limescale will remain.

Technical Specifications

Product Name	Length (mm)	Width (mm)	Height (mm)
PRIZMAMAG	150	70	61