

# PROFI electronic lime scale inhibitor

This professional electronic descaler device provides an effective protection against scale deposits in water pipe systems and any equipment connected to such pipe systems.



- Working frequency up to 2 kHz
- Already existing lime deposits are slowly being dissolved and flushed away. The water quality is not affected by this process
- No intervention into the plumbing systems is necessary since the electromagnetic waves work from the outside on the calcium carbonate particles in the water
- Economically and environmentally beneficial process since no chemical substances of any kind are used

## Description

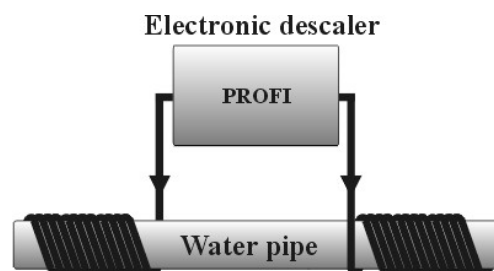
This scale inhibitor device is intended for use in small size households with a pipe diameter of max. 3/4" (3/4 inch = approx. 19 mm) and for water consumption of up to 5 m<sup>3</sup>/h. The basic structure of the lime is changed by the electromagnetic waves in such a way that no solid deposits have a chance to develop again. The professional electronic descaler device is appropriate for all degrees of water hardness and can be adjusted individually. As a result of lime-free heating elements, you will also be able to reduce the energy requirements and the amount of detergents and dishwashing agents used.

## Installation

The electronic descaler device should be located near the main water pipe entering the house or building (fixture elements are provided). The unit operates on 9V DC voltage so a 230V AC power outlet should be available for the 9V DC power supply. The two wires (aerials) coming from the lime scale inhibitor are to be wound around the water pipe and fixed as shown in the picture.

There are three different features that can be adjusted according to the water hardness:

- Signal *frequency* position: 1.) 500Hz, 2.) 1000Hz, 3.) 2000Hz
- Signal *amplitude* position 1.) null amplitude, the unit is turned off, 2.) low amplitude, 3.) high amplitude
- Signal *rise time* position 1.) long rise time, 2.) medium rise time, 3.) short rise time



### Hardness level 1

Positions: *frequency*: 1    *amplitude*: 2    *rise time*: 1

### Hardness level 2

Positions: *frequency*: 2    *amplitude*: 3    *rise time*: 2

### Hardness level 3 - 4

Positions: *frequency*: 3    *amplitude*: 3    *rise time*: 3

Hardness level	Water hardness dH	Description
1	Up to 7	Soft
2	7 – 14	Medium
3	14 – 21	Hard
4	More than 21	Very hard

Water hardness dH level can be obtained from your local water supply utility or determined by using appropriate testing strips in a well-stocked drugstore.

## Specifications

Input voltage:

Power is supplied by means of a standard power supply unit with 9V output voltage and 3,5mm jack (not included)

Dimensions:

132 x 90 x 32 mm

Weight:

216 g

EMC Directive (89/336/EEC)

EN55014-1:1993+A1+A2; EN55014-2:1997; EN61000-3-2:1995+A1+A2+A14; EN61000-3-3:1995

*Subject to alteration without notice*