

MULTI PLUS electronic lime scale inhibitor



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

- Working frequency up to 25 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 device is intended for use in medium or large households, block of flats, commercial establishments with a pipe diameter of max. 5/4" (5/4 inch = approx. 32 mm) for water consumption of up to 5 m³/h. The operation of the unit is controlled by a pre-programmed microprocessor. The basic structure of the lime scale is changed by the electromagnetic waves in such a way that no solid deposits have a chance to develop again. The professional scale inhibitor 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.

Operating modes

There are five different modes that can be selected:

- "1 kHz" mode
- "3 kHz" mode
- "5 kHz" mode
- "Pipe maintenance" mode
- "Automatic" mode

1 kHz – 3 kHz – 5 kHz mode:

Selection: After switching the unit on (which runs a short self-test program first), it starts operating in the mode "1 kHz". By pressing the MODE button once the unit switches over to "3 kHz" mode, by pressing once more it switches over to "5 kHz" mode.

Pipe maintenance mode:

If your water pipe system has already heavy lime deposits, it is recommended to run the "pipe maintenance mode" for 4 weeks in order to dissolve the deposits faster. Afterwards the "Automatic" mode is to be selected.

Automatic mode:

The highest efficiency can be reached in this mode whilst all programs are run simultaneously.

Frequency multiplier selector switch

In case the water flow, pipe diameter or existing scale deposits are higher than average, select this mode which multiplies the frequency by 5, rendering therefore a frequency output of 5 kHz instead of 1 kHz, 15 kHz instead of 3 kHz and 25 kHz instead of 5 kHz. In this mode individual frequencies or modes (such as Automatic or Pipe maintenance) can still be selected, the difference is that the outputted frequency will be five-times higher than the selected one.

Specifications

Operating voltage: 230 V AC, Power consumption: 1,2 W, Dimensions: 160 × 120 × 78 mm, Weight: 505 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
Low Voltage Directive (73/23/EEC): EN60335-1 :1994+A1 :1996-tól A16 :2001-ig; EN60730-1 :2000

Subject to alteration without notice

