



# Limeteq Base



## Technical specification

Length	1000 mm
Diameter	160 mm
Max. pressure	5 bar / 73 PSI
Max. flow	5 m <sup>3</sup> /h, 1320 US gallon/h
Max. temperature	20°C / 68°F
Connected to:	External thread ICEO 228 G1¼
Warranty	2 years

The above specifications apply from August 2009.

Patent pending

Limeteq<sup>™</sup> 55  
Converter

## Limeteq Base

Limeteq Base is an efficient lime converter that results in softer water. Limeteq Base does not contain any movable parts and does not need to be connected to a power main. The system is based on the change that occurs in the lime crystal when lime rich water passes through a powerful 3-Dimensional whirl-motion, a so called vortex.

### Changed lime crystal

By exposing the lime crystal to VPT – Vortex Process Technology, the structure of the lime crystal is changed from Calcite to Aragonite. This means that its usual angular shape, which easily attaches to other surfaces, is transformed into a rounder shape that does not attach as easily.

### Easy installation

In its original shape, Limeteq Base fits all types of water systems with a maximal pressure of 5 bar and a maximum flow of 5 m<sup>3</sup>/h. The system can easily be adapted for a larger flow by connecting two or more Limeteq Base in parallel.

### Fewer lime deposits

Field tests show that normal lime-rich water forms hard lime deposits that are difficult to remove. Vortex treated water leaves only a white powder which is easily brushed away.

### Old lime deposits dissolve

Limeteq Base also affects old lime deposits which are gradually dissolved. This means that fewer chemicals are used.

### Less washing-up liquid and detergent

Less washing-up liquid and detergent are needed when using water treated with Limeteq Base in washing machines or dishwashers.

### Uses less energy

Water heaters will increase in efficiency and last longer as there is no build-up of lime deposits around the heater core. A lime deposit of 2-7 mm results in a 20-50% increase in energy consumption.