



To users of Salamander and solids filters we pledge the following:

- **The minerals** important to health, calcium and magnesium, will **remain in the water**.
- **Savings in heating costs** (electricity/fuel/gas) will result from the brittle limescale structure.
- **Depreciation and wear will decrease on** - pipes, heating elements, solar collectors, pipe accessories, faucets, washing machines, heat exchangers.
- **Treated pipes will not be clogged** by limescale for many years.
- **A thin coating of zinc oxide (ZnO)** will form on galvanized pipes and on old and solid limescale, protecting **against corrosion**.
- **The filter will block dirt** – sand, floating particles, and rust particles – and will improve the clearness and quality of the water, in accordance with the filtration level.

- **The first layer of limescale will be thin and hard**, remaining on pipes and heating elements as a protective layer. All additional limescale will be brittle and easily broken.
- **Kettles will contain** brittle and flaky limescale (aside from the first solid layer) that is **easily cleanable** by rinsing with tap water, without using special means. Brittle pieces of limescale will be blocked by the kettle's mesh, and not reach the cup.
- **The heating element/boiler** flange will have some limescale pieces/fragments on it that can be easily cleaned, enabling the continued use of the heating element, lengthening its effective life. Refers to limescale that crystallizes after installing the Salamander.
- **Old limescale** in pipes will wear down.

- **Operation – No maintenance costs ****
- **Salamander will change the crystallization** structure of limescale through the electrolytic process—all additional limescale will be brittle and easily broken (needle-shaped/aragonite).
- **Salamander works for all ranges of water flow**, and all adjusted diameters.
- Water will continue to be treated, **with no time or distance limits**.
- Salamander **guarantee – 6 years**, for filter – **2 years**, for installation – **1 year**

** With the exception of control systems in automatic equipment.

Pipes fittings and facilities will stay clean **while stream is passing through them**. In other places **where the water stays** like cattle or boilers it will be easy to manage the scale easily



Recommendations - on condition that Salamander is installed

- Yearly rinsing is compulsory for solar collectors.
- **old boiler** flange - recommended to open and clean the accelerator / rapid heater **every half year**, after mounting the Salamander.
- **when accelerator is installed** - Recommended to clean the flange approximately **one year**.
- **when no accelerator is installed** - Recommended to open the flange and clean boiler once every **3–4 years**.

Terms of Covenant

- Installation of Tamhil systems by The Israeli Center for Water Improvement Ltd.
- Installation according to company/mannufacturer's instructions.
- Salamander to be installed in a tap water /clean water grid at municipal supply temperatures.