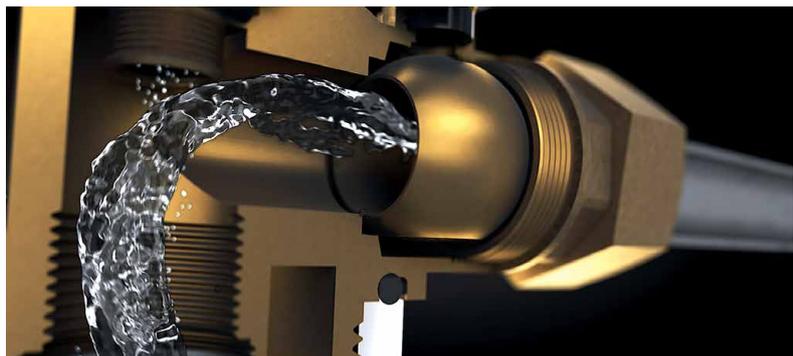
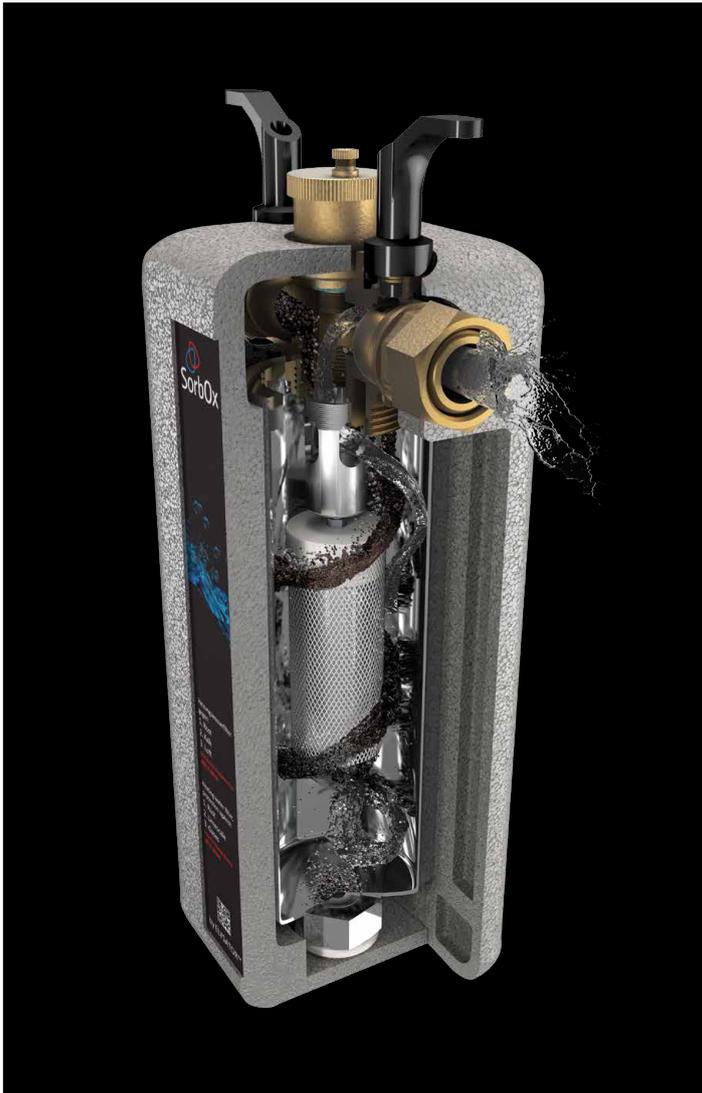




All-round water filtration for hydronic heating systems



Continuously removes
lime, rust & gases from your
water loop to ensure economic
and reliable heating.

ELYSATOR 
engineering water



Actually, you don't want to know how many hydronic heating systems have loop water problems. You only want to enjoy the cozy warmth of your floor heating system...



Sludge forming



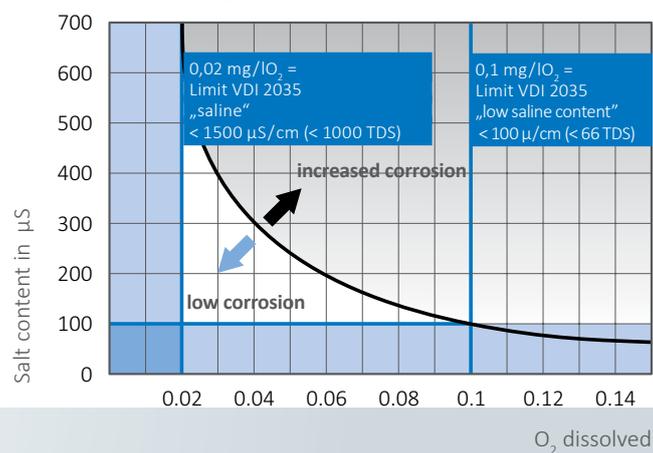
Lime scale build-up



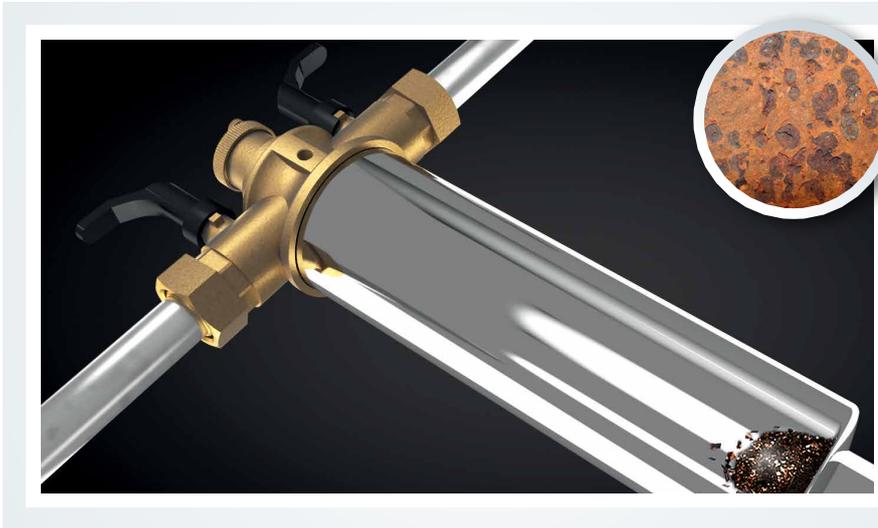
Rust deposits

... but **rust, lime and sludge deposits** destroy modern heating systems and cost you a lot of money.

Corrosion as a function of oxygen and salinity in the heating water



Instead of hard and rusty water... ...safe and clean loop water

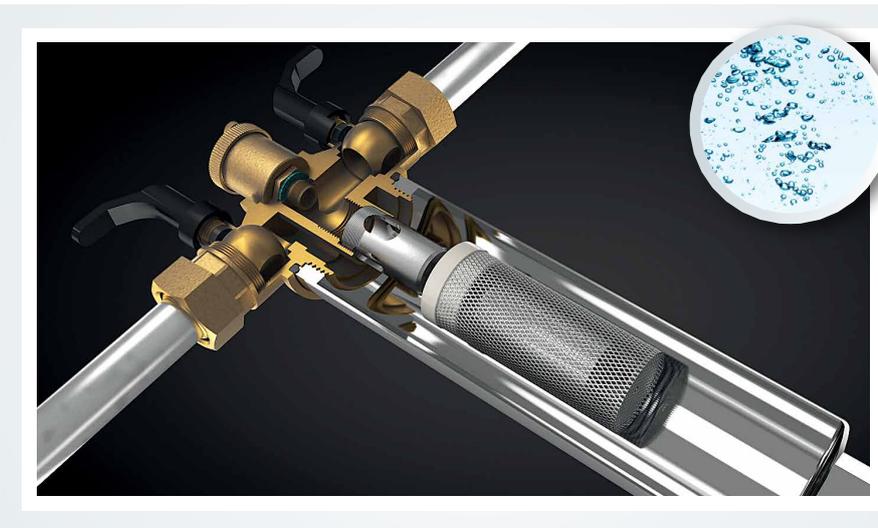


No rust

The SorbOx[®] filter housing separates rust and sludge from the water without clogging.

A strong magnet underneath the housing and natural gravity, retain sludge and rust particles in the filter housing.

For cleaning the filter simply close the valves, unscrew and rinse the housing.



No gases

For degassing the water, run the ELYSATOR[®] unit.

The anodic system removes corrosive gases by an electrochemical reaction with the sacrificial anode.

Microbubbles are separated, collected and automatically vented.

Option SorbOx[®] LI:



No lime

To remove lime and salts from the water, install the PUROTAP[®] demineralization cartridge. It will absorb all dissolved minerals from the loop water within a few hours of circulation. Thus, the formation of lime scale is prevented and the corrosion rate is decreased.



SorbOx® LI

to prevent limescale, rust and the formation of gas. Magnetic flow filter, anode protection, micro gas bubble separator and demineralisation in one unit.
Up to 30 kW / 100k BTUs or 800 l / 210 gal circulating water.



SorbOx® SI

to prevent rust and gas. Magnetic flow filter, micro gas bubble separator and anode protection in one unit.
Up to 20 kW / 70k BTUs or 300 l / 80 gal circulating water.
Without demineralisation.
 Available as an option without insulation (SorbOx® S).

SorbOx® reliably removes unwanted substances, constantly maintaining optimum quality of heating water. SorbOx® is trouble-free and economical to operate, permitting easy compliance with directives and helping reduce output losses for a variety of hydronic heating systems.

- heatpump water recirculations
- low temperature, condensing boiler systems
- solar-assisted hydronic heating
- hydronic floor, wall, ceiling heating
- hydronic radiant systems
- green technology

Performance details SorbOx® SI + LI

Throughput	< 3 m ³ /h / 13.2 gpm
Connection dimension	1" BSP / NPT
Max. operating pressure	6 bar or 87 psi
Max. temperature	90° C or 200° F

Demineralisation unit SorbOx® LI

Performance	100 liter with 20 °fH 27 gallons with 233 TDS
Max. temperature	60° C or 140° F

Tip: Can also be used as a simple and reliable filling aid for heating system flushing with Sanol®.

