

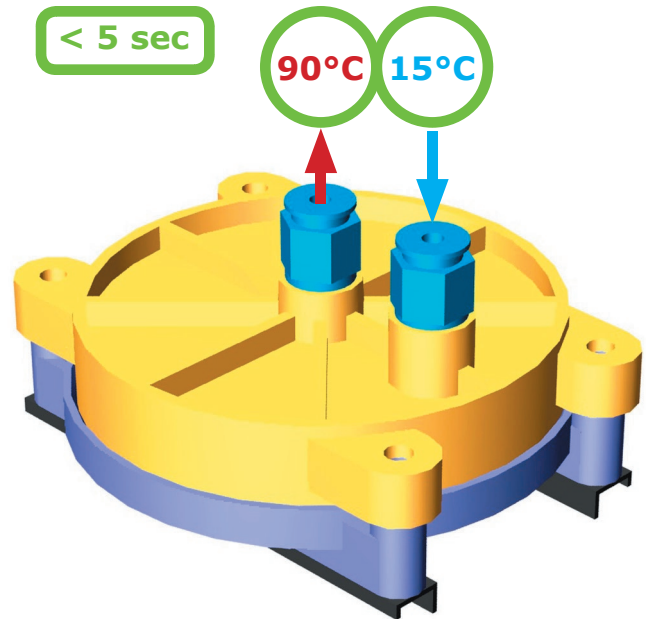
## Flow through heater

Ferro Technik has designed a family of flow through heaters. These instantaneous heaters can bring hot water to any point of use. From 15 to 90 degrees Celsius within 5 seconds!

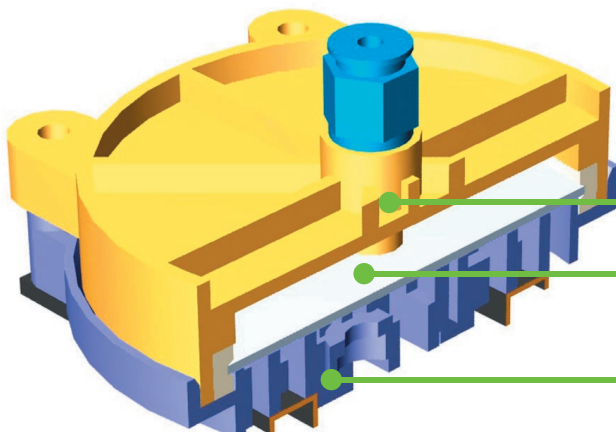
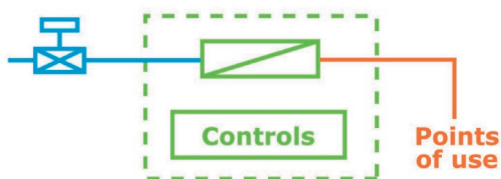
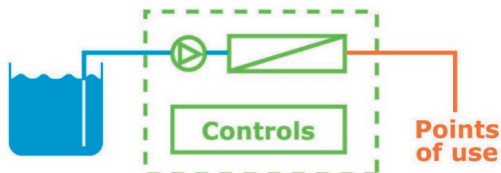
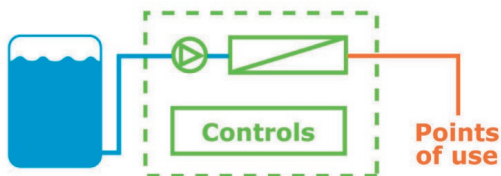
## Applications

- vending machines
- hot water at points of use
- small kitchen appliances like coffee pod machines

< 5 sec



## Typical product configurations



## Features

- No scaling
- Ultra fast
- No hot water storage
- Up to 2 kW
- Robust design
- Compact: Ø 90 x 35 mm
- No percolation of hot water
- Ferro Technik thick film element and patented sealing system with sidecompression seal

## Benefits

- Instant hot water
- Maintenance free
- Water saving
- Energy saving
- Compact design
- Settable temperature: 30-90 °C

## Typical components

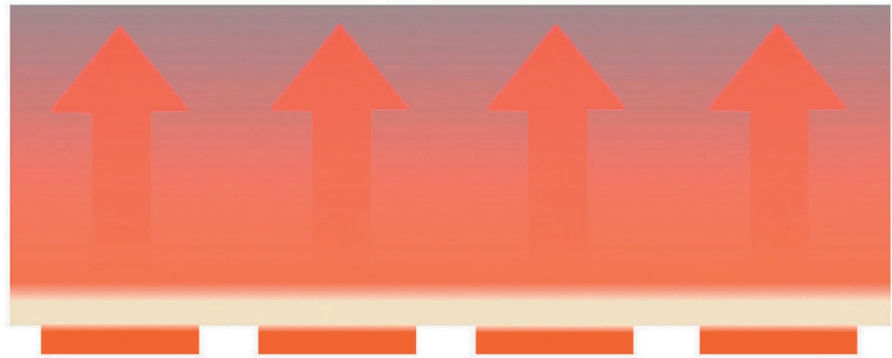
Housing top

Ferro Technik element and patented sidecompression seal

Housing bottom

## How thick film elements work

A current through the heater tracks generates heat that will be conducted through the thin layers



Carrier material  
(Stainless) steel  
or ceramic

KERDI  
(insulator)

Heater tracks  
(resistor)

