

## KALOR Stand-Alone heater

Conserve ultra-pure water and energy with our esPRO® KALOR Ultra-Pure DI-Water Stand-Alone heater! This tool utilizes advanced heating technology to reduce water and energy consumption. This is a heated Point-of-Use system with a modular, customizable design, built for reliability and compliance with international standard norms. As it quickly responds to temperature and flow variations -eliminating excessive overshoots and drops in temperature-, KALOR ensures precision heating with seamless integration into your system.

ULTRAPURE PVDF/PFA WETTED SURFACES

EASY TO OPERATE, WITH A SMALL FOOTPRINT

PLUG-AND-PLAY SYSTEM WITH COMPLETE INTEGRATION OF CONTROLS

NO N<sub>2</sub> PURGE REQUIRED

NO WASTED, UNHEATED WATER TO DRAIN

EXCELLENT TEMPERATURE STABILITY

### Flexible and custom configurations

In addition to our standard configurations, the esPRO® Stand-Alone heaters are also available in custom builds. Just contact us at [sales@esproflow.com](mailto:sales@esproflow.com) and we will happily work together with you to create the perfect heater to meet your requirements

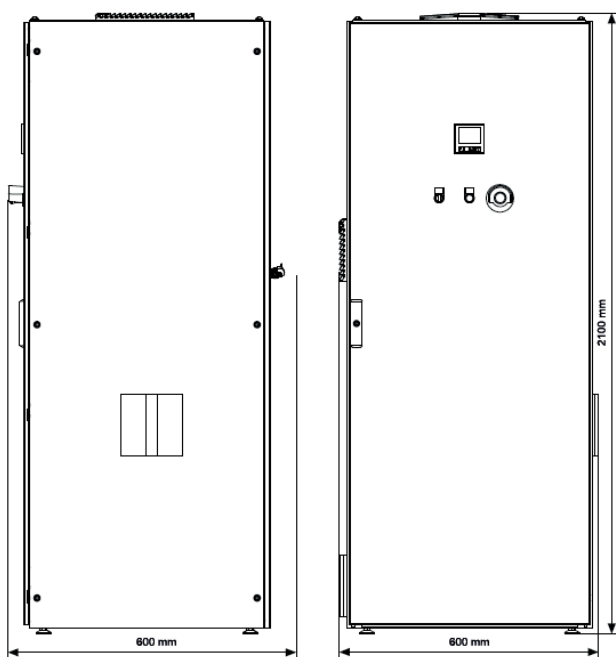


### Key features

- Up to 240 kW power
- Max. 95°C heating capability
- Ultrapure PVDF/PFA wetted surfaces
- Smallest footprint for high power applications (600 x 600 mm)
- Easy maintenance with low weight heating elements
- High flow ready (100+ lpm) with 1" connections
- < 5 psi pressure loss at any flow rate
- Temperature control according to flow
- Direct heating for highest efficiency
- Flexible and modular design for best integration in the FAB
- CE and UL compliant
- Optional - Recirculation loop
- Engineered and made in Germany

SPECIFICATIONS	
Wetted surfaces	PVDF/PFA
Sizes	40 - 240 kW (voltage dependent)
Voltages	380 - 480 VAC, 3-ph
Temperature	95° C (203° F)
Temperature accuracy	+/- 0.1° C (usage dependent)
Flow	0.5 - 32 GPM (1.9 - 122 LPM)
Pressure	6 bar @ 95°C
Efficiency	>99 %

### Technical drawings



Standard KALOR heater

