



FLAT IMMERSION HEATERS FOR LIQUID FUEL

Innovative design based on THERMOCOAX MI cables

- Strong mechanical resistance
- Easy movement of fluid through the heater
- can be used horizontally or vertically in a tank
- 316L resistant design
- 100% energy efficient
- **Low power density**



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Benefits

THERMOCOAX Immersion Heaters are designed for direct immersion in liquids such as: heavy fuel, preheating fuel, light diesel fuel, standard diesel fuel, machine oil, mineral oil, lubricating oil...

But also for asphalt, tar and other heavy or highly viscous components

- **High mechanical resistance, strong fixation of the heating elements - the bended Mineral Insulated Heating Cables are held by special carrier profiles.**
- **Innovative design**
- **3kW, 5kW, 15kW & 20kW**

Specifications

Fixing	Material	Dimension (mm)	Orientation	Density Power (W/cm ²)	Total Power (kW) (+0%*10%)	Voltage (V)	Input Amperage (A)	Number of heating elements	Power per heating element (kW)	heating element diameter (mm)	Minimal clearance for flude between two spires (mm)
Stainless steel plate	316L	275x350x30	Vertical or Horizontal	1	2,9kW	230V	12,6	1	2,9kW	4	4,5
Stainless steel plate	316L	405x400x32	Vertical or Horizontal	1	5,3kW	230V	23,3	1	5,3kW	4,5	4,5
Stainless steel plate	316L	580x795x32	Vertical or Horizontal	1	16kW	230V 3P	23,3	3	5,3kW	4,5	4,5
Stainless steel plate	316L	660x920x32	Vertical or Horizontal	1	21kW	230V 3P	15,3	6	3,5kW	4,5	4,5

Options:

- Integrated Thermocouple or PT100 for temperature control
- Junction Box

