Electric heaters

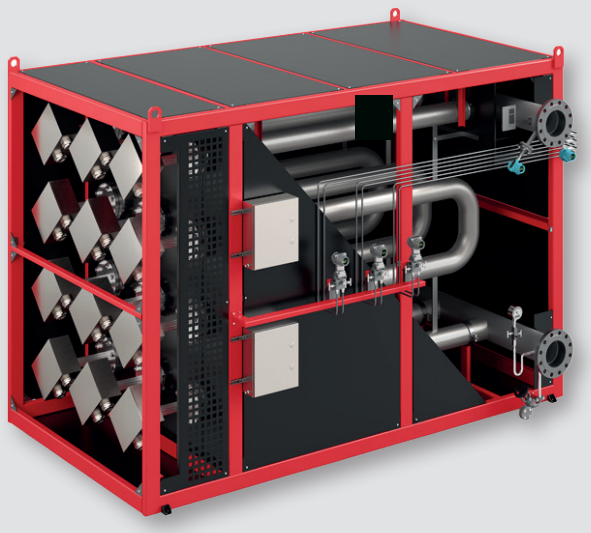
Reduce emissions, increase energy efficiency and lower operating costs with sustainable process heat!

heat 11 HTT empowering industry ®

RELIABLE ENERGY WITH ALMOST 100 % EFFICIENCY

Reduce your company's CO2 emissions to decarbonize your production processes by electrifying your thermal oil systems with electric heaters. Optimum efficiency factors and precise control of heat transfer maximize your energy efficiency and minimize energy as well as operating costs. An electric heater from heat 11 is your sustainable primary energy alternative for cost-effective production processes – giving your company a decisive competitive advantage!

THE RIGHT TECHNOLOGY THROUGH MODULAR DESIGN



POWER RANGE

- **Modular system solutions with 50 kW to 10.000 kW**

TEMPERATURE RANGE

- **up to 450 °C**

HEAT TRANSFER FLUID

- **Mineral, silicone and synthetic oils**

OPERATING VOLTAGE

- **400 V to 690 V (custom solutions on request)**
- **50 HZ / 60 HZ**

PIPING DESIGN

- **DIN & ASME**

Your decision in favour of electric thermal oil heaters from heat 11 is a sensible investment in the future and at the same time a big step towards climate-neutral production. This will ensure your long-term competitiveness and increase the economic success of your company.

www.heat11.com

Bastian Knop

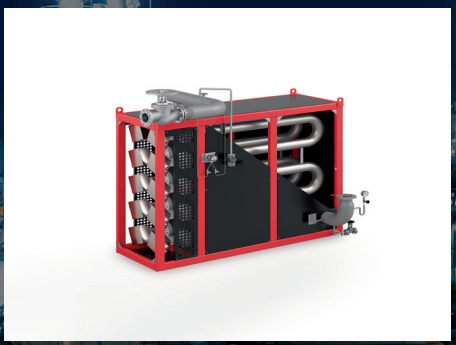
Contact us now! We look forward to your enquiry.

Herr Bastian Knop | bastian.knop@heat11.com | 0521 989 110-0

SUCCESSFUL REFERENCES

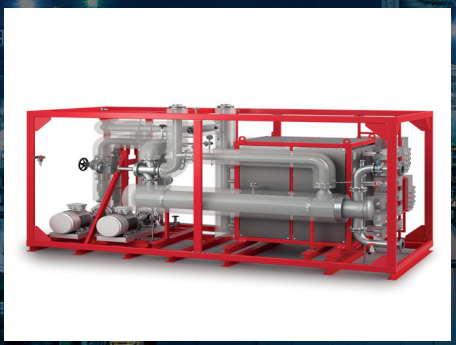
Our many years of expertise in plant engineering makes heat 11 a specialist in engineering, manufacturing, installation, commissioning and after-sales service for electrically heated thermal oil systems. Convince yourself of flexible and high-quality solutions "Engineered and made in Germany" by heat 11.

APPLICATION:
CONNECTION TECHNOLOGY



1,000 kW electric heater | 400 V
275 °C supply flow | PS 10 bar

APPLICATION:
PAPER INDUSTRY



1,050 kW heating/cooling unit (800 kW cooling) | 690 V | 300 °C supply flow | PS 10 bar

APPLICATION:
WASTEWATER TREATMENT

2,000 kW electric heater | 690 V
315 °C flow | PS 22 bar

THE FUTURE OF EFFICIENT AND SUSTAINABLE ENERGY GENERATION

> Electric heaters and renewable energies contribute significantly to decarbonization.

> No energy loss, flue gas emissions or NOx emissions.

> No additional chimney or gas pipe installations.

> Modular systems for customized solutions up to 450 °C in the power range from 50 kW to 10.000 kW.

> Precisely controlled heat transfer provides almost 100 % efficiency.

> Pre-assembled, ready-to-use electric heaters with simple integration into your existing process infrastructure.

> User friendly operation interface and low-maintenance technology.

> Hydraulic integration into existing systems to minimize peak loads.

> Independence from fossil fuels and climate-neutral production.

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