

SOLUTIONS FOR HEAT PUMPS

SAFETY · ENERGY EFFICIENCY · COMFORT

SOLUTIONS FOR HEAT PUMPS



Innovations for the future

A partnership with Backer gives you a dedicated team of designers, project engineers and technical experts in the fields of intelligent heating and control, ready to provide you with the optimal solutions for your needs.

Flow Through Heaters

Welded stainless steel tanks with tightness guarantee.

Units up to 42kW for external installation.

Options:

- Thermal insulation
- Cables
- Overheat protection / thermostat
- Air vent



Immersion Heaters with analogue or electronic control

Electronic version allows precise and intelligent temperature control.

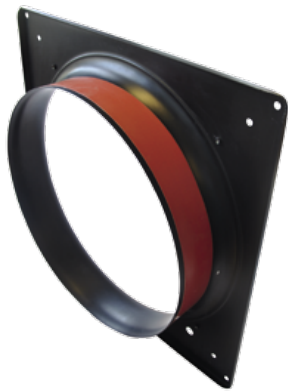
Can be integrated with external control systems.

- For steel and copper tanks
- G1 1/4" to G2"
- Heating tubes made of:
1.4404, 1.4547, 1.4876, 2.4858
- Isolated version for enamelled tanks



Condensate Tray Heaters

- Flexible foil elements
- Tubular steel elements
- Heating cables
- PTC solutions



Fan Housing Defroster
Flexible foil element



Crank Case Heaters / Compressor Heaters

- Flexible foil elements
- Aluminium
- Heating cables
- Self-regulating version
- With or without thermostat



Copper Brazed Stainless Steel Plate Heat Exchangers

- Especially designed as a condenser or an evaporator for heat pumps
- Optimized plate pattern for maximum heat transfer
- Asymmetric design allows for decreased refrigerant amount in heat pumps
- Compact size combined with high strength
- Easy to install with tailor-made connections



Electronics

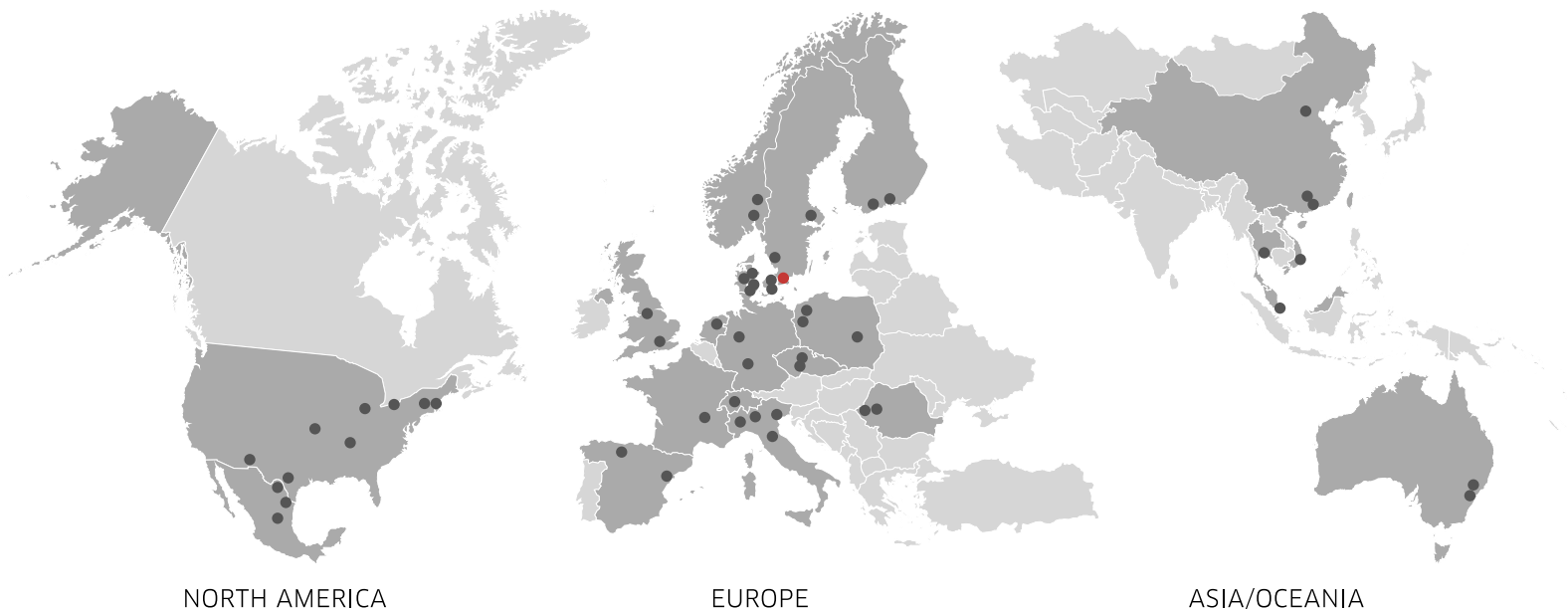
- Inverters
- Soft starters
- Controls
- Sensors



Control Panels, NTC-sensors, Cable Harnesses, Displays



BACKER WORLD WIDE



BACKER GROUP

Backer develops, produces and sells customized solutions and components for electric heating, measurement and control. The original technology was stainless steel tubular elements, however the Group has developed and acquired technologies that have made Backer the worldwide leader. Our product range today is comprised of materials such as; aluminium radiators, cast, ceramic, thick film and other flexible elements along with a wide range of control products. Backer is com-

prised of more than 40 units that together contribute to the company's vast technical expertise.

Backer delivers heating and control solutions to businesses in industries such as HVAC, Transportation, Energy & Environment, Home Appliance, Industrial & Projects, Advanced Technology and Commercial Equipment; all with their specific requirements and needs for customized solutions.



Industrial/
Projects



Energy/
Environment



Advanced
technology



Commercial
equipment



Home
appliance



Transportation



HVAC



BACKER

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