



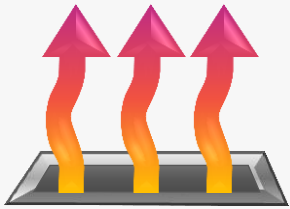
Reduce your energy bill with the
world's **hottest** heat pump

A company with a passion for a change

- +10 years experience of developing power/energy systems
- Strong and established partners: AVL, GWK and Chemours
- Pioneer in developing high-temperature heat pumps
- Installments around the world
- State-of-the-art test center



A key solution to fighting climate change



The world needs heat

More than 50% of the total energy generated today is used to warm up buildings and run industrial processes.



$\frac{2}{3}$ comes from fossil fuels

The industry sector can eliminate the need for gas, oil and coal burners, which is both expensive and result in extensive CO₂ emission and air pollution



A heat pump is the solution

Businesses and the environment stand equally to gain from investment into heat pump technologies

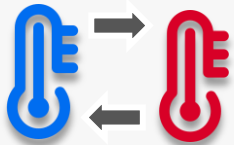


The first closed-loop heat pump system to reach 160°C using HFO fluids

Heat pump type: Industrial



Can provide both cooling and heating



0 – 160°C



50 – 6,000 kW

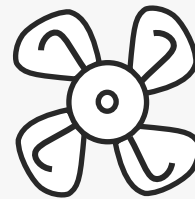


100 – 10,000 kg/h

Typical applications



Process heating



Drying applications



Sterilization & Pasteurization



District heating

Massive CO₂ emission reductions compared to gas boilers



Only input required is electricity

Use waste heat and a little bit of electricity to achieve the required temperatures (up to 160°C).

Reducing CO₂ emissions

Gas heating, which most industries use today, has at least three times lower efficiency.

Endless possibilities

Dehumidification, paint drying, district heating, plastic molding and brick drying are just some examples that will benefit from the HeatBooster.

EU project to be installed at brick factory

Drying efficiency +75%
Cost per brick -15%

Heat pumps are very much **capable of replacing gas burners** in these types of applications

Sander Geelen, member of the External Experts Advisory Board, DryFiciency project

Contribute to a sustainable future

- Products: Compressors and complete heat pumps
- Integration: Plug-and-play (hot water or steam)
- Service life: Up to 20 years
- Maintenance: Less than once a year, monitored 24/7
- Quality: CE approved, ISO certificated suppliers





#Reusable energy

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