

Join Danfoss on the journey to **green, sustainable, high efficiency** energy solutions with our **customised** range of compact **heat exchangers**

SAFE

long-life solutions
of the highest
quality from a
reliable partner

Complete heat exchanger portfolio

for conventional and renewable power

Partner with **Danfoss** in
efficient energy solutions

Danfoss offers a wide range of plate heat exchangers for any kind of application including cooling, heating, heat recovery and condensation:

Oil coolers, used in turbine systems, generators, pumps, motors, gear box systems, and transformer systems

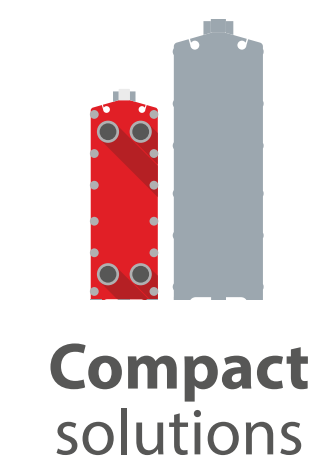
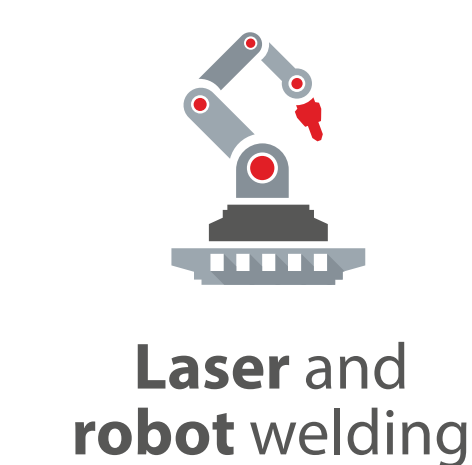
Water coolers, used in closed loop, mechanical seal, jacket water, feedwater, make-up, condensate cleaning, and emergency systems

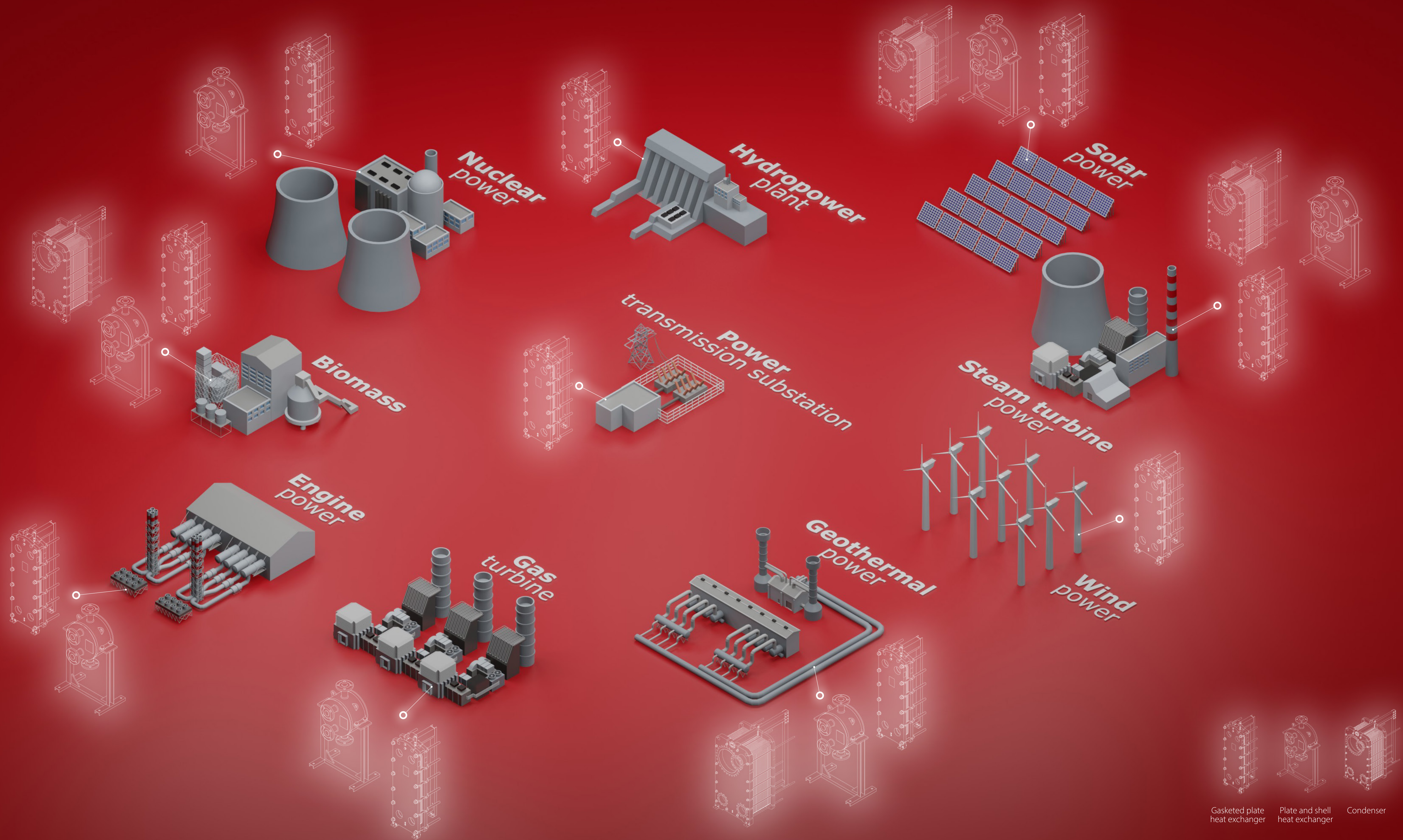
Steam heaters and **steam condensers**, used in district heating, heat recovery, and turbine systems

Fuel heaters,
used in gas, diesel, and other hydrocarbon-based systems

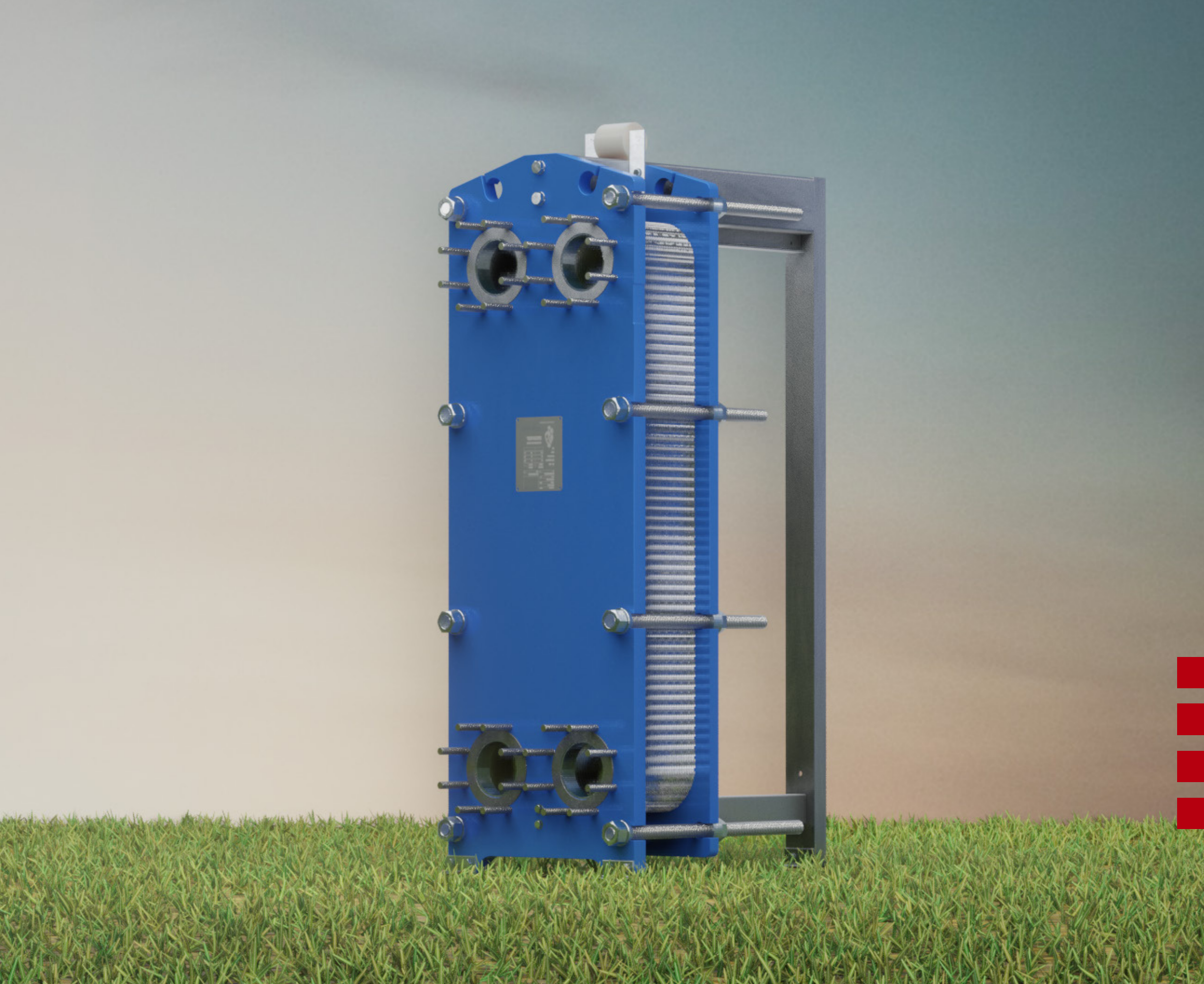
Water heaters,
used in feedwater systems

Air coolers,
used in purge and sealing systems

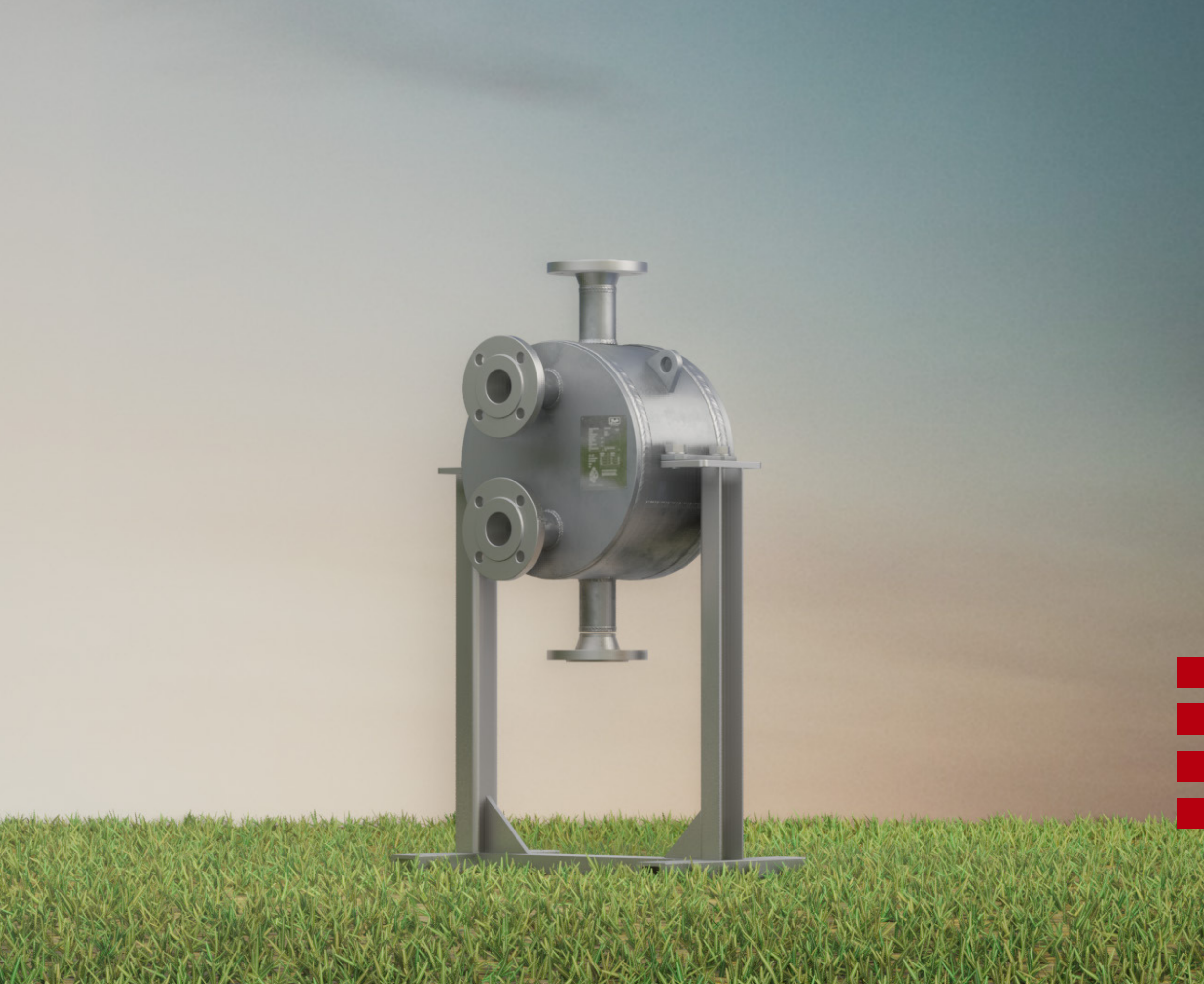




Gasketed plate heat exchanger Plate and shell heat exchanger Condenser



- Oil coolers
- Water coolers and heaters
- Steam heaters and condensers
- Fuel heaters and air coolers



- Oil coolers
- Water coolers and heaters
- Steam heaters and condensers
- Fuel heaters and air coolers

Gasketed plate heat exchangers

Our SONDEX® gasketed plate heat exchangers are the ideal choice for a wide range of applications across numerous market segments. We have one of the largest plate portfolios in the world, and we configure each heat exchanger to meet your requirements. Innovative technologies and smart design make our standard plate heat exchangers a stellar investment.

Features and benefits for the power industry

- Widest plate portfolio up to DN650 ensures optimal heat transfer
- Sonder Safe Leakage Protection system provides ultimate safety
- Skid oil cooler systems based on two independent heat exchangers eliminate downtime
- Wide material choice results in corrosion issue elimination and offer safe operations
- Special accessories for the power industry such as inline filters and insulation jackets protect plant personnel and systems

Learn more about our standard gasketed plate heat exchangers:
heatexchangers.danfoss.com

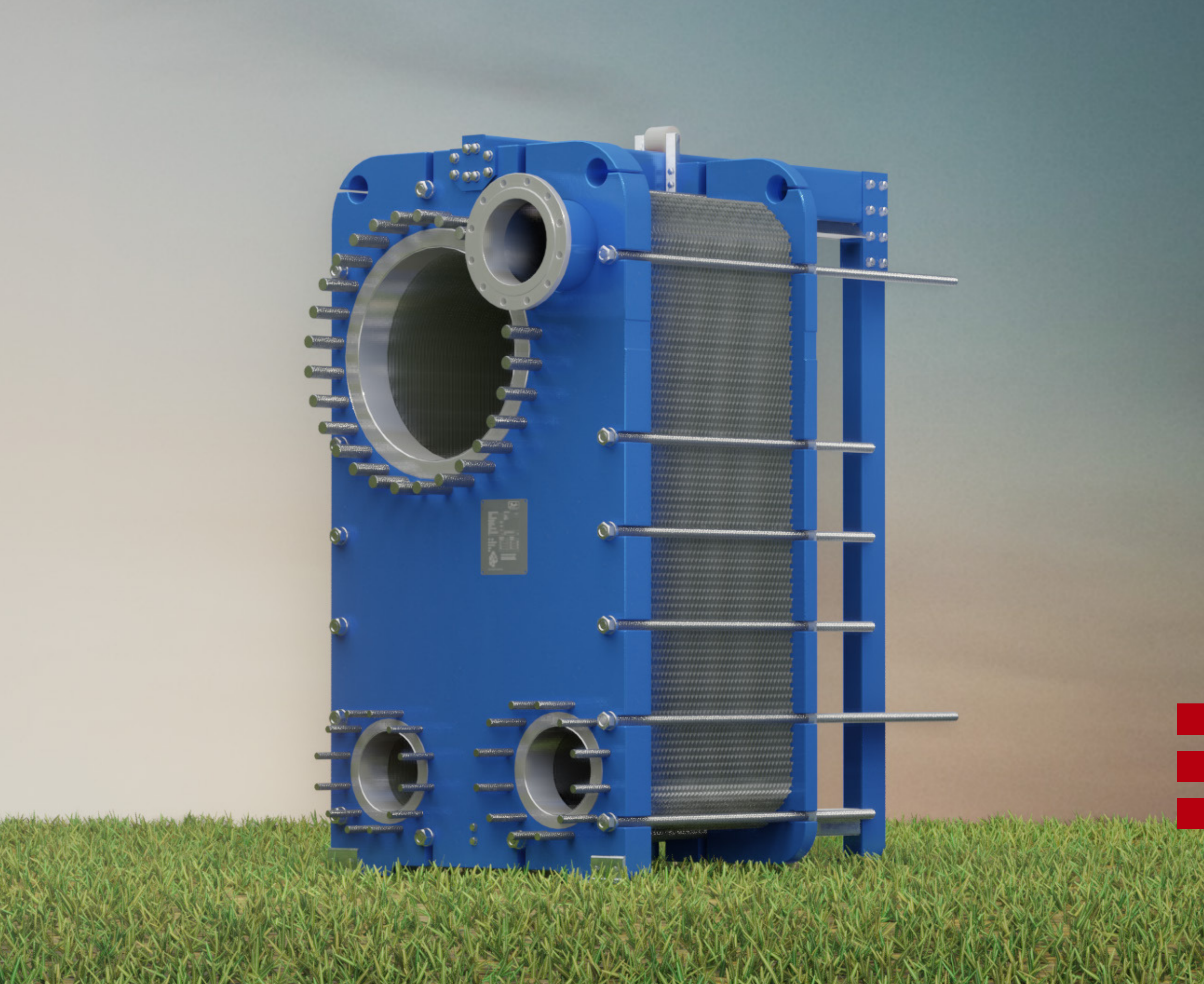
Plate and shell heat exchangers

Our SONDEX® plate and shell heat exchangers (SPS) are perfect choices for condensation and steam heating duties. A fully welded plate pack makes the heat exchangers well-suited for handling aggressive media as well as high pressure levels and temperatures. Less space demanding and much lighter in weight, they are good replacements for shell and tube heat exchangers.

Features and benefits for the power industry

- The gasket-less solution allows for higher working temperatures and pressures in combination with the performance of plate technology
- Dedicated steam heaters with extra large steam connection
- Also available with removable plate pack that allows for service and maintenance
- Asymmetric channels for condensation and duties with assymetric flowrates
- Special accessories for the power industry such as insulation jackets to protect plant staff

Learn more about our plate and shell heat exchangers:
heatexchangers.danfoss.com



Condensers

Our SONDEX® condensers are the perfect choice for special applications that regular plate heat exchangers cannot handle. Designed to accommodate high-volume vapor flows, this product features a large inlet for the vapor stream. This, combined with a short residence time creates the optimal condensation conditions – even for low-pressure vapor duties.

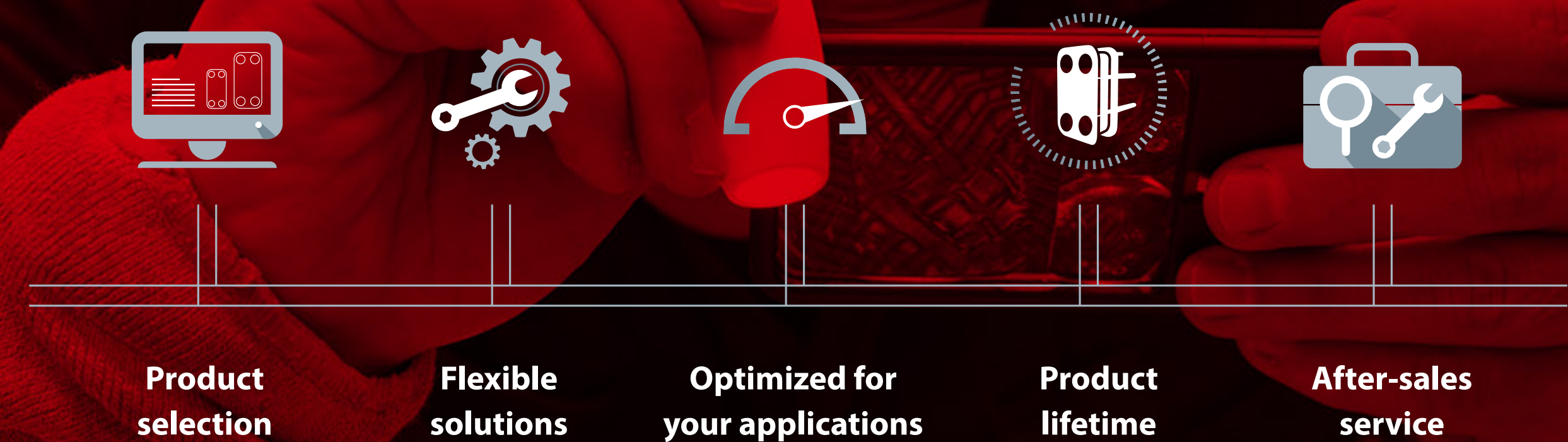
Features and benefits for the power industry

- Designed specifically for demanding condensation duties that benefit from a special asymmetric plate design that is unavailable for regular heat exchangers.
- High thermal efficiency with an ideal turbulent flow that reduces the risk of fouling.
- Special multi-gap plate design that can lower the energy consumption considerably for condensation duties that differ in flow volume.

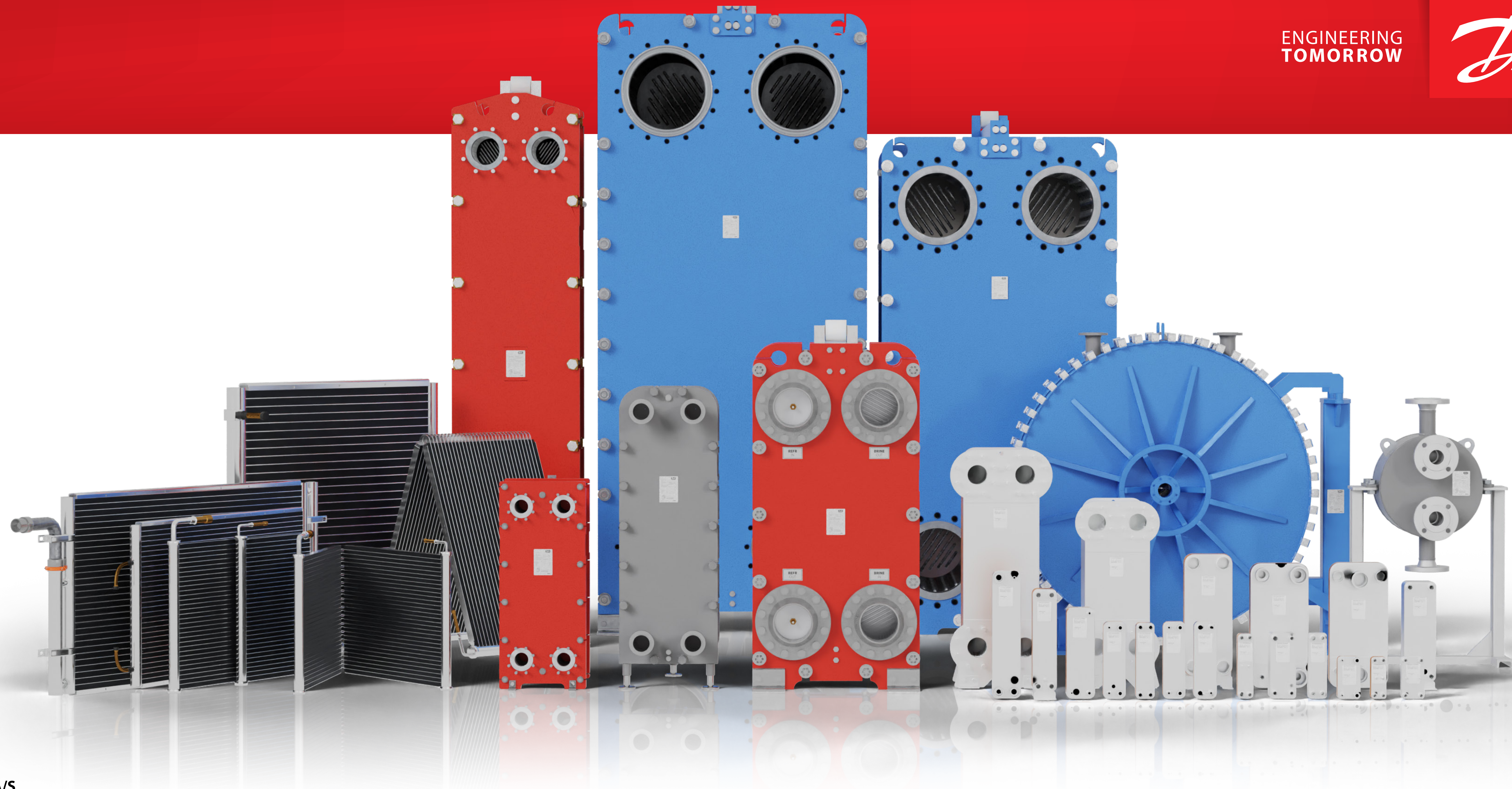
Learn more about our plate and shell heat exchangers:
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- Steam heaters and condensers
- High temperature water coolers
- Fuel heaters and air coolers

COMMON APPLICATIONS



ENGINEERING
TOMORROW



Danfoss A/S

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