

# CALORPLAST Liquid / Liquid Polymer Heat Exchanger

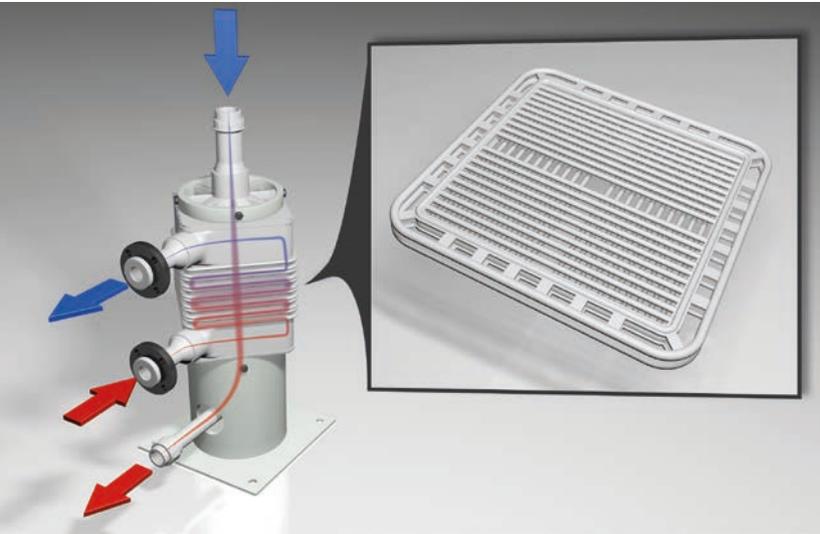
- where outstanding corrosion resistance matters
- where reliability matters
- where efficiency matters



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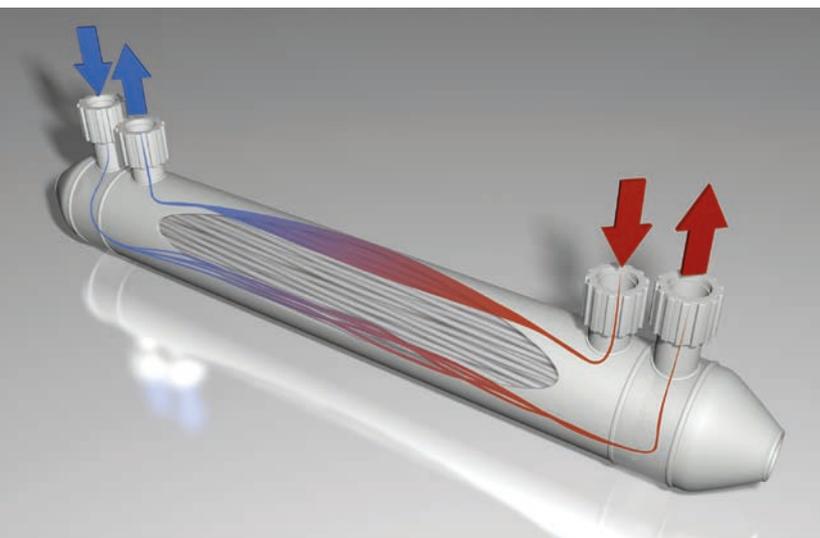
**CALORPLAST**  
**USA**

# APPLICATIONS



## Tube Plate Heat Exchanger

- Closed loop external heat exchanger for free flowing liquids, both clean or low particulate
- For heating or cooling of fluids or condensation of vapors
- Compact and completely welded design
- High heat transfer rates
- Use of thin walled tubes that minimizes the adhesion of solids
- 10 to 215 ft<sup>2</sup> heat transfer surface (per column)
- Materials: PE-RT, PVDF



## Shell and Tube Heat Exchanger

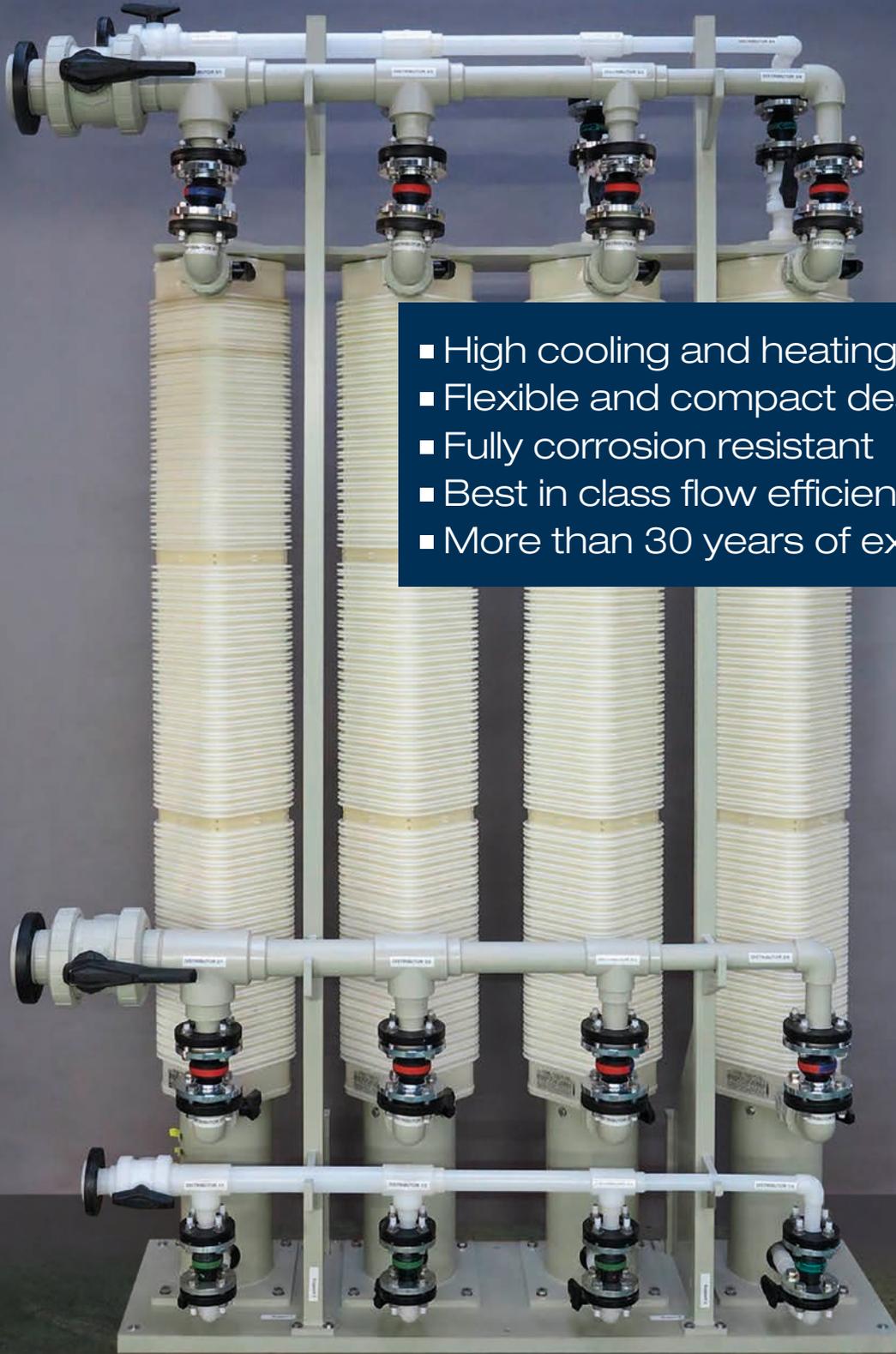
- Closed loop external heat exchanger for heating, cooling, condensation or evaporation of corrosive, clean fluids
- For heating or cooling of fluids or condensation of vapors
- Customized design
- 10 to 215 ft<sup>2</sup> heat transfer surface
- Materials: PE, PVDF or PFA\*

\*Limited designs

## Technical Data

- |                           |  |
|---------------------------|--|
| ■ Operating temperatures: | -22 to +285 °F<br>-30 to +140 °C (dependent on the material chosen)    |
| ■ Operating pressure:     | 45 to 230 psi (dependent on material chosen and operating temperature) |
| ■ Pressure drop:          | 0.75 psi (approximately)   |

# BENEFITS



- High cooling and heating efficiency
- Flexible and compact design
- Fully corrosion resistant
- Best in class flow efficiency
- More than 30 years of experience



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