

# CALORPLAST Immersion Type Polymer Heat Exchanger

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

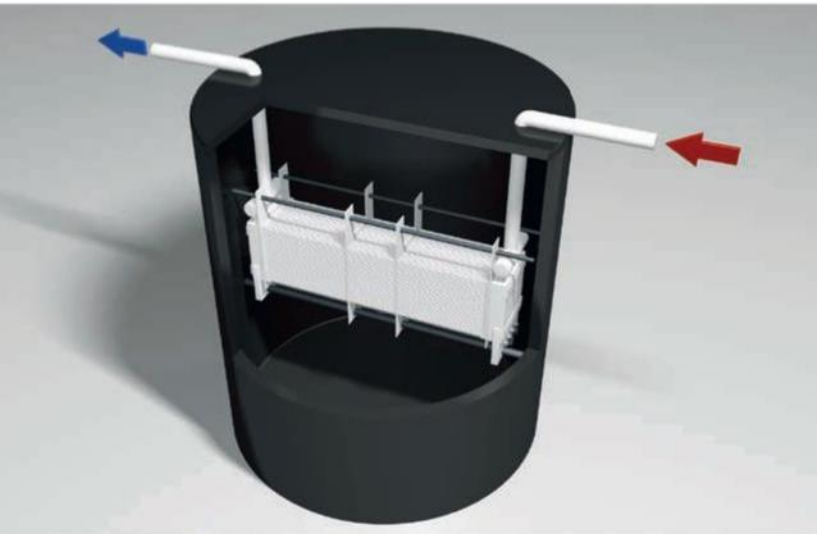


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**CALORPLAST**  
USA

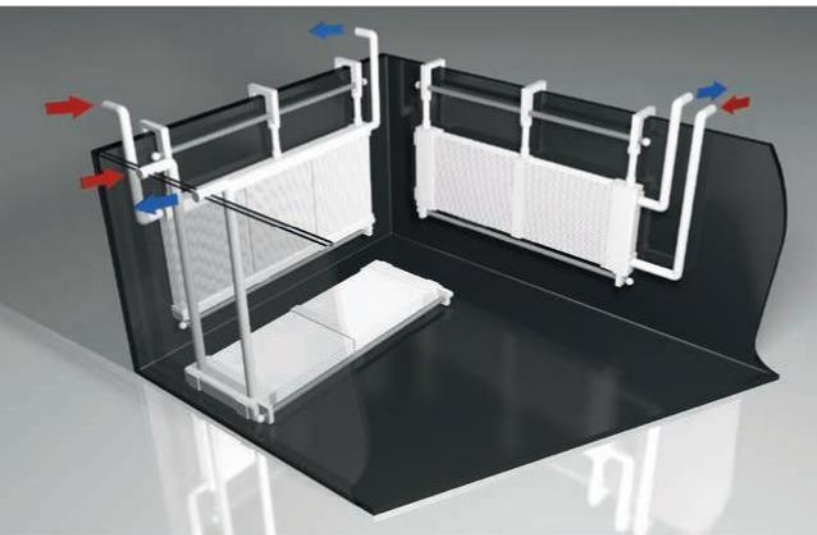


# APPLICATION



## Cooling/heating/condensing

- Heating and cooling of corrosive or scale forming fluids and highly concentrated inorganic acids in open tanks
- Heating, cooling, condensing or evaporation of corrosive media in vessels
- Customized design from modular, pre-manufactured tube sections
- 10 to 5,375 ft<sup>2</sup> heat transfer surface
- For use with water, steam or cooling media

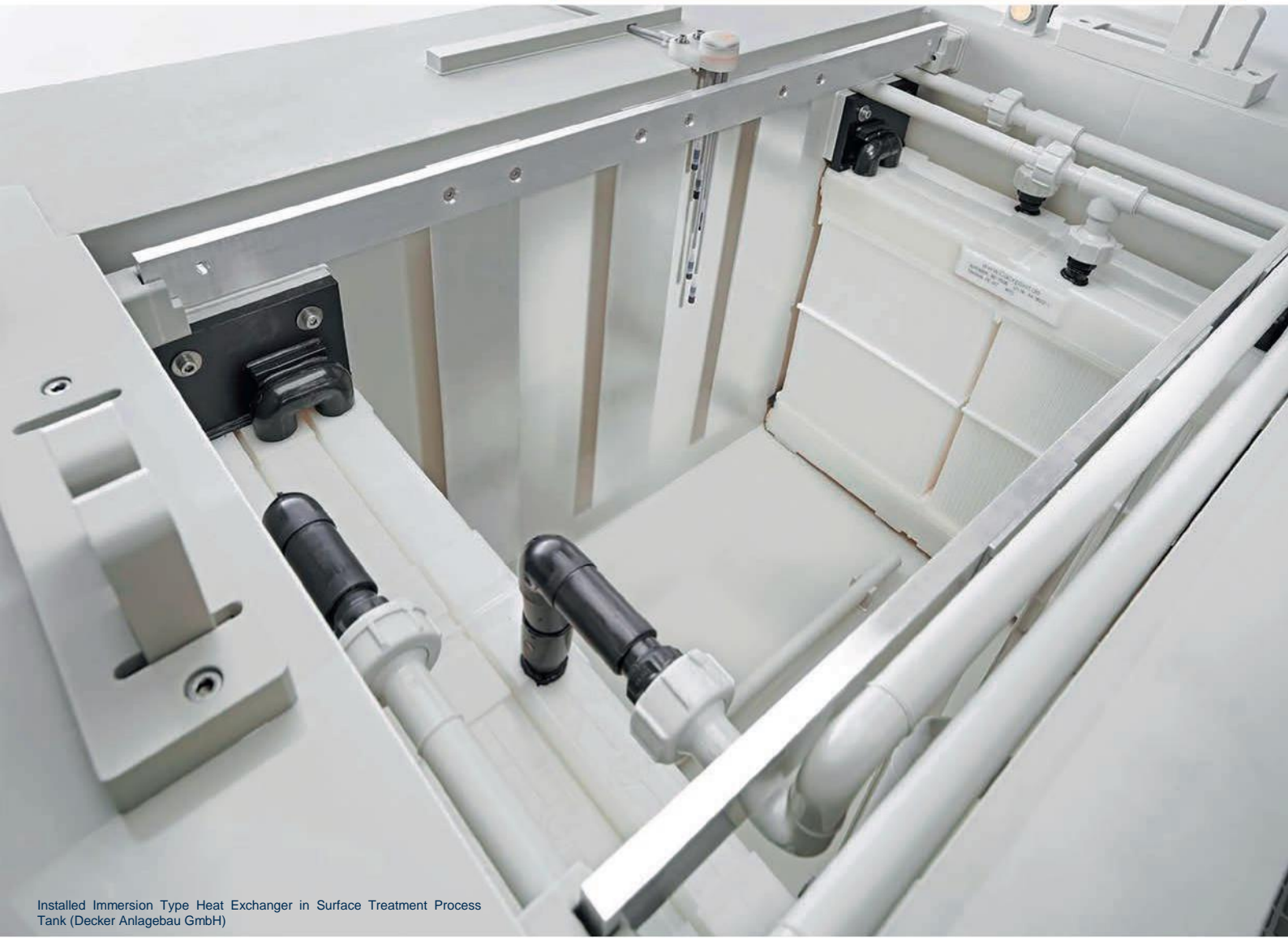


## Technical Data

- |                           |   |
|---------------------------|---|
| ■ Materials:              | PE-RT, PP, PVDF   |
| ■ Operating temperatures: | -22 to +285 °F<br>-30 to +140 °C (dependent on the material chosen)   |
| ■ Operating pressure:     | 45 – 230 psi (dependent on material chosen and operating temperature) |
| ■ Pressure drop:          | 0.75 – 7.25 psi (approximately)                                       |

# BENEFITS

- High cooling and heating efficiency
- Flexible and compact design
- Fully corrosion resistant
- Safe heat transfer medium
- Best in class flow efficiency
- Easy maintenance and cleaning
- More than 30 years of experience



Installed Immersion Type Heat Exchanger in Surface Treatment Process Tank (Decker Anlagebau GmbH)





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