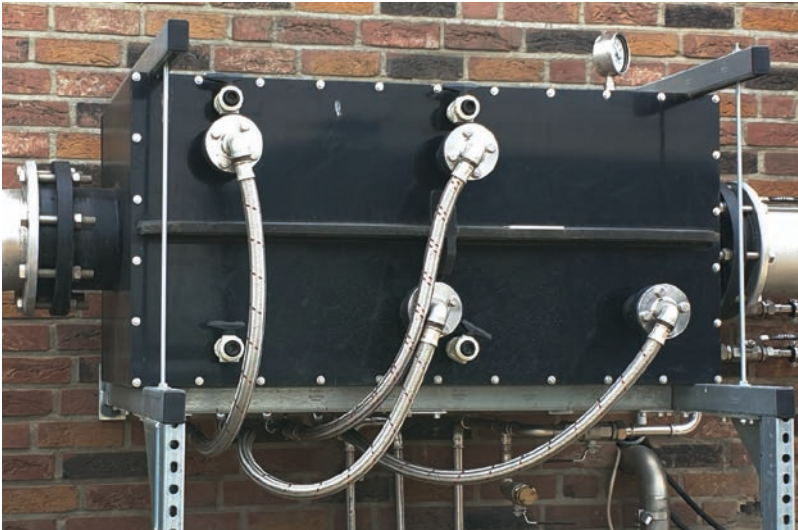


BIOGAS POLYMER HEAT EXCHANGER



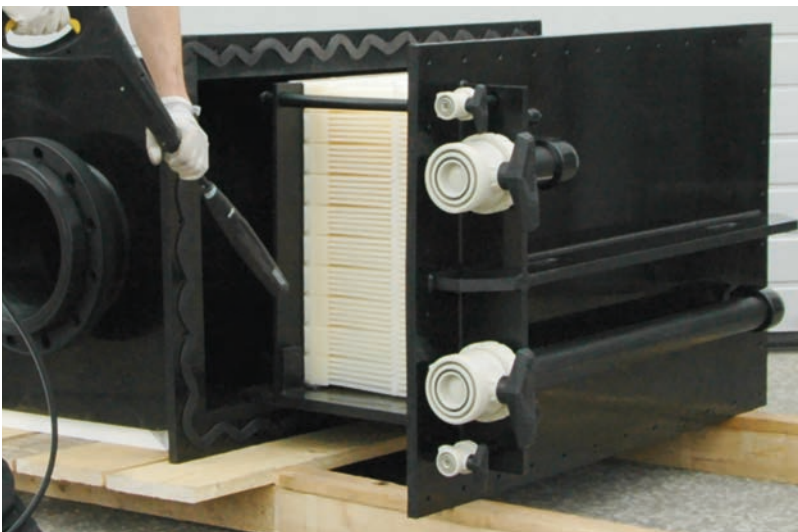
- where outstanding corrosion resistance matters
- where reliability matters
- where energy efficiency matters

PROPERTIES



BIOGAS HEAT EXCHANGER

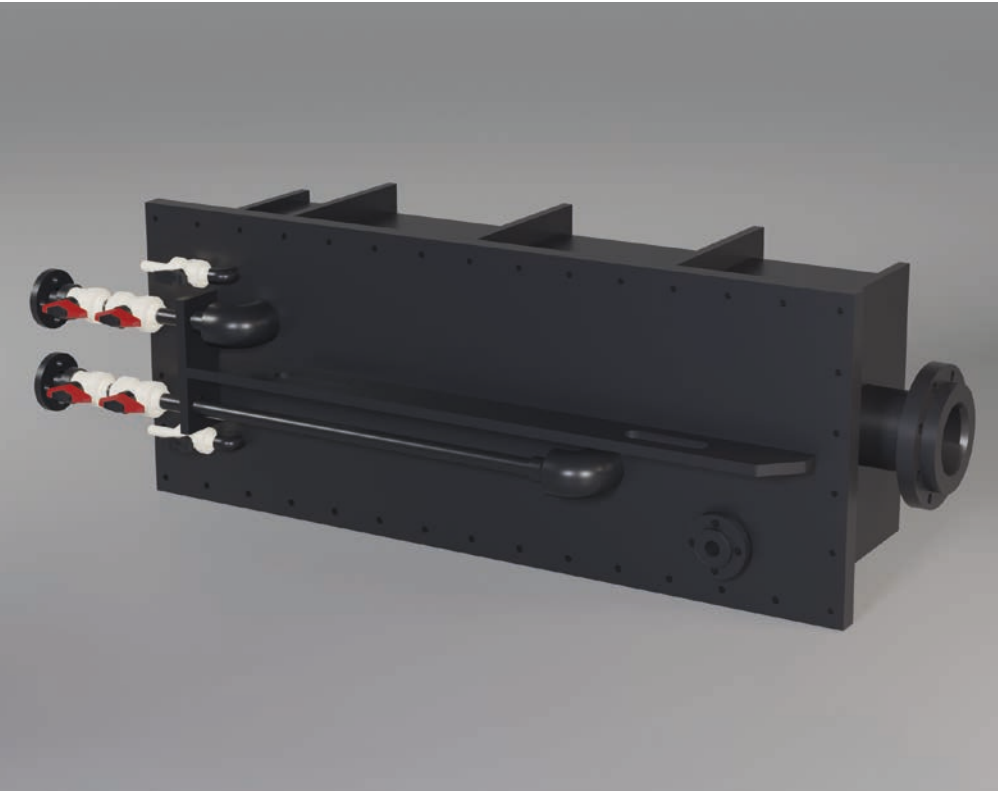
- fully corrosion resistant biogas cooler for direct installation in pipelines and drying systems
- 100% plastic construction allows for placement right after fermenter, conserving filters and other components
- semi customized design from modular, pre-manufactured tube sections
- easy to install via integrated handles and flanges
- maintenance and cleaning possible without disconnecting gas pipe
- easy cleaning via pressure washer



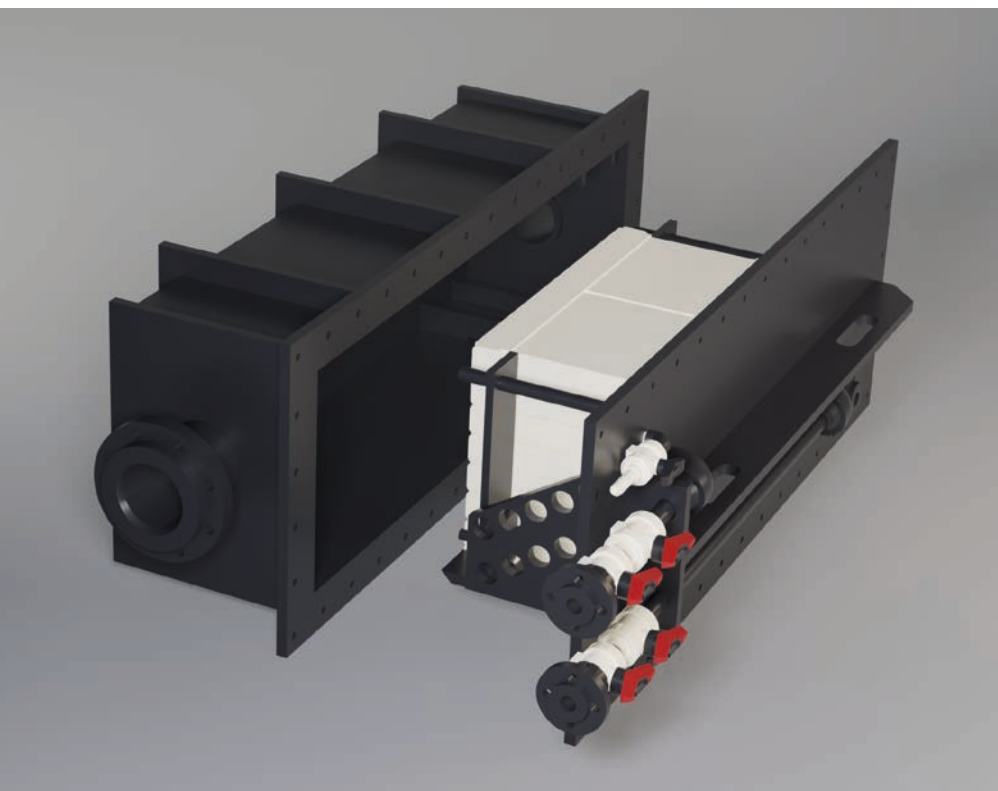
TECHNICAL DATA

Materials	PE-RT, casing in PE
Operation temperatures	-30 to 80 °C -22 to 176 °F (depending on choice of material)
Operation pressure	4 to 8 bar water side, depending on temperature max. +/- 40 mbar case side at 40 °C
Pressure drop	50 mbar (approx.)
Capacity	100 - 1.000 m³/h

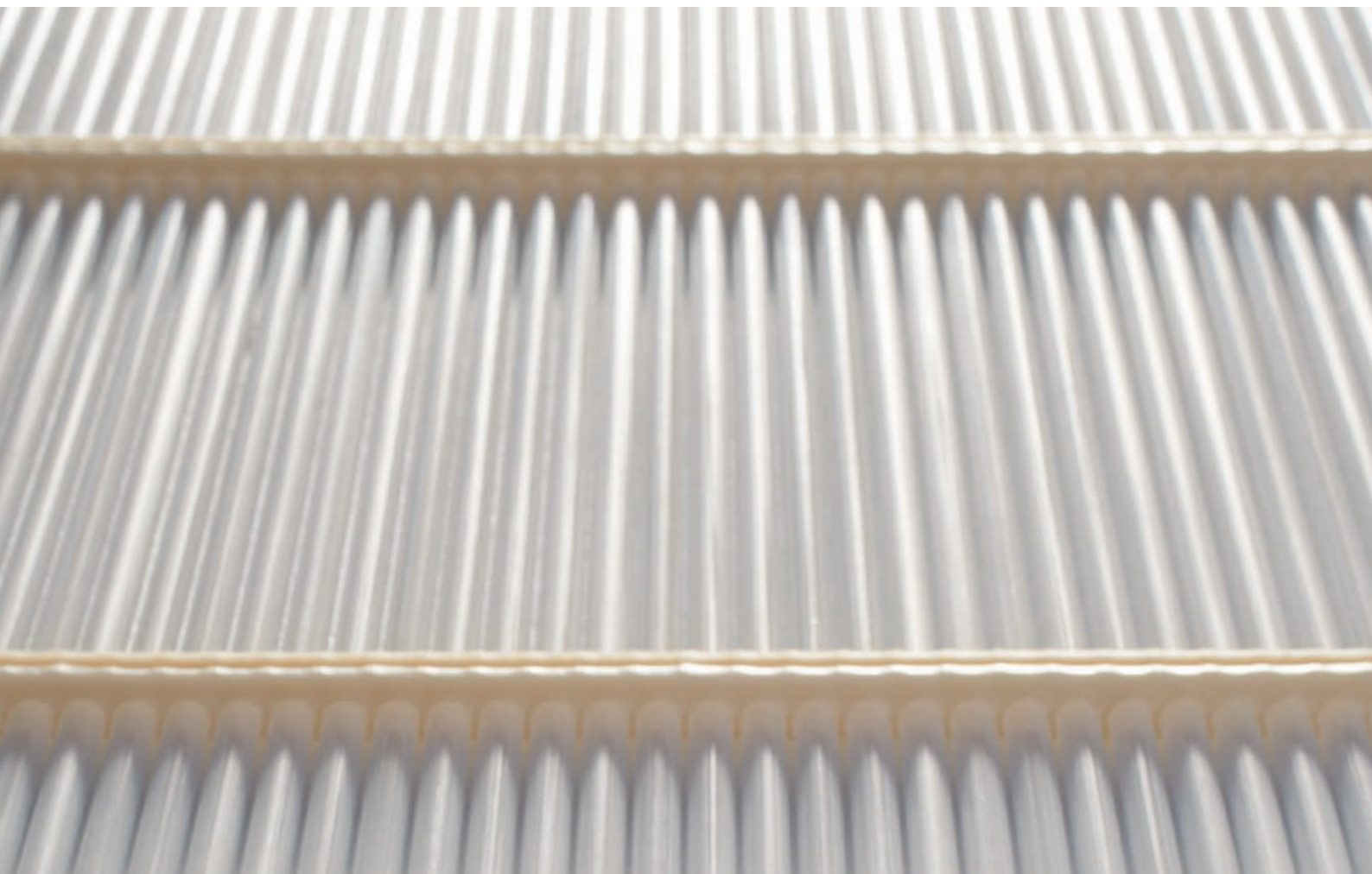
BENEFITS



- High cooling efficiency
- Fully plastic design less prone to fouling
- Fully corrosion resistant



- Flexible and compact design
- Shorter than comparable shell and tube units
- Delivered ready-to-install
- 40 years of experience



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