

# CALORPLAST Gas / Liquid Polymer Heat Exchanger

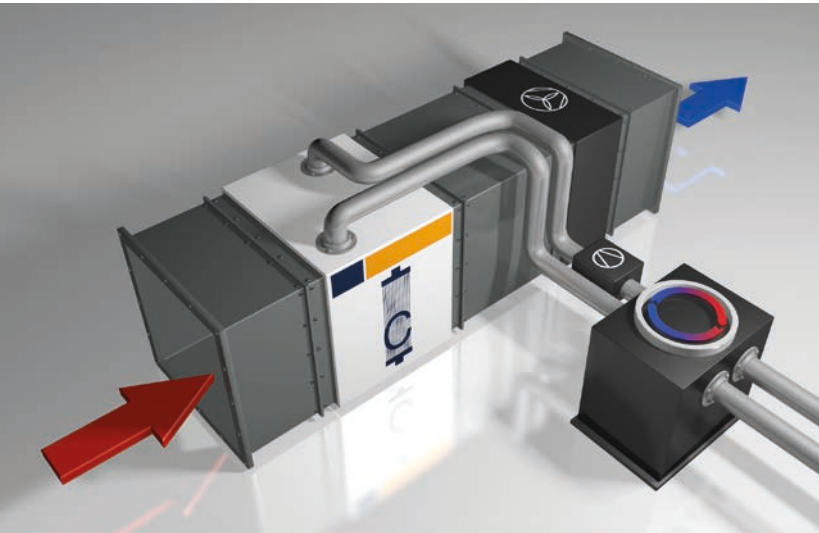
- where outstanding corrosion resistance matters
- where sustainability matters
- where energy efficiency matters



[www.calorplast.de](http://www.calorplast.de)

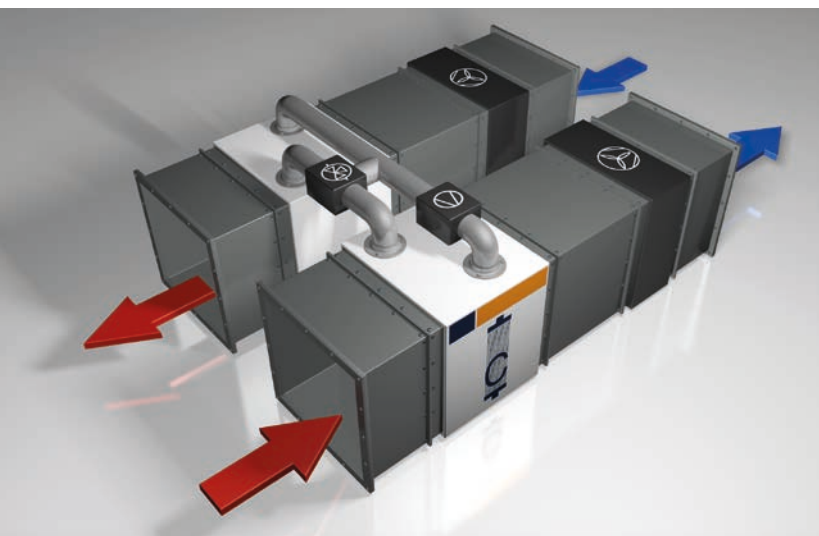
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# APPLICATIONS



## Gas cooling/heating/ condensing

- Cooling, heating or drying of corrosive gas flows
- Condensing and recovery of corrosive or toxic gas components
- Energy recovery with heat pumps
- Air cooling/heating of corrosive liquids with waste gas/air



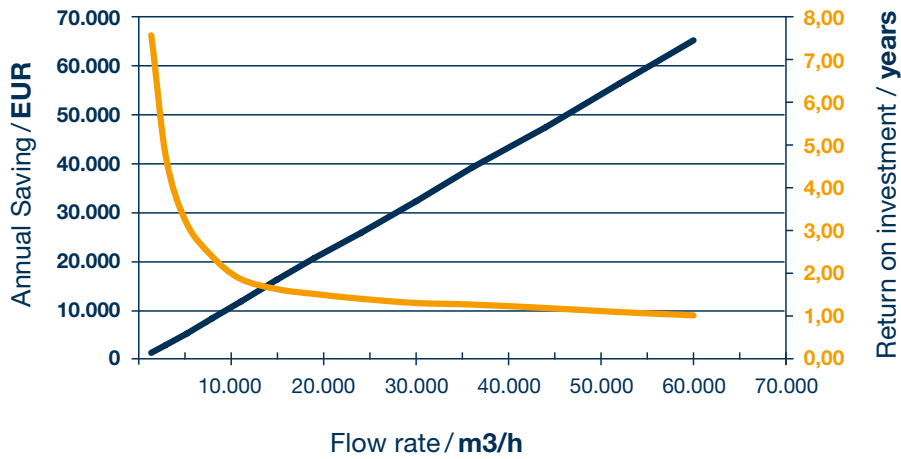
## Energy Recovery

- Energy recovery in industrial HVAC systems
- Ventilation and heating of factory workshops
- Central laboratory ventilation
- Ventilation in agriculture

## Technical Data

■ Materials:	PE-RT, PP or PVDF (Housing in PPs or PE)
■ Operation temperatures:	-30 to +140 °C (depending on the material chosen)
■ Operation pressure:	3 to 16 bar (depending on the material chosen and the operation temperature)
■ Pressure drop:	50 mbar (approx.)

# BENEFITS



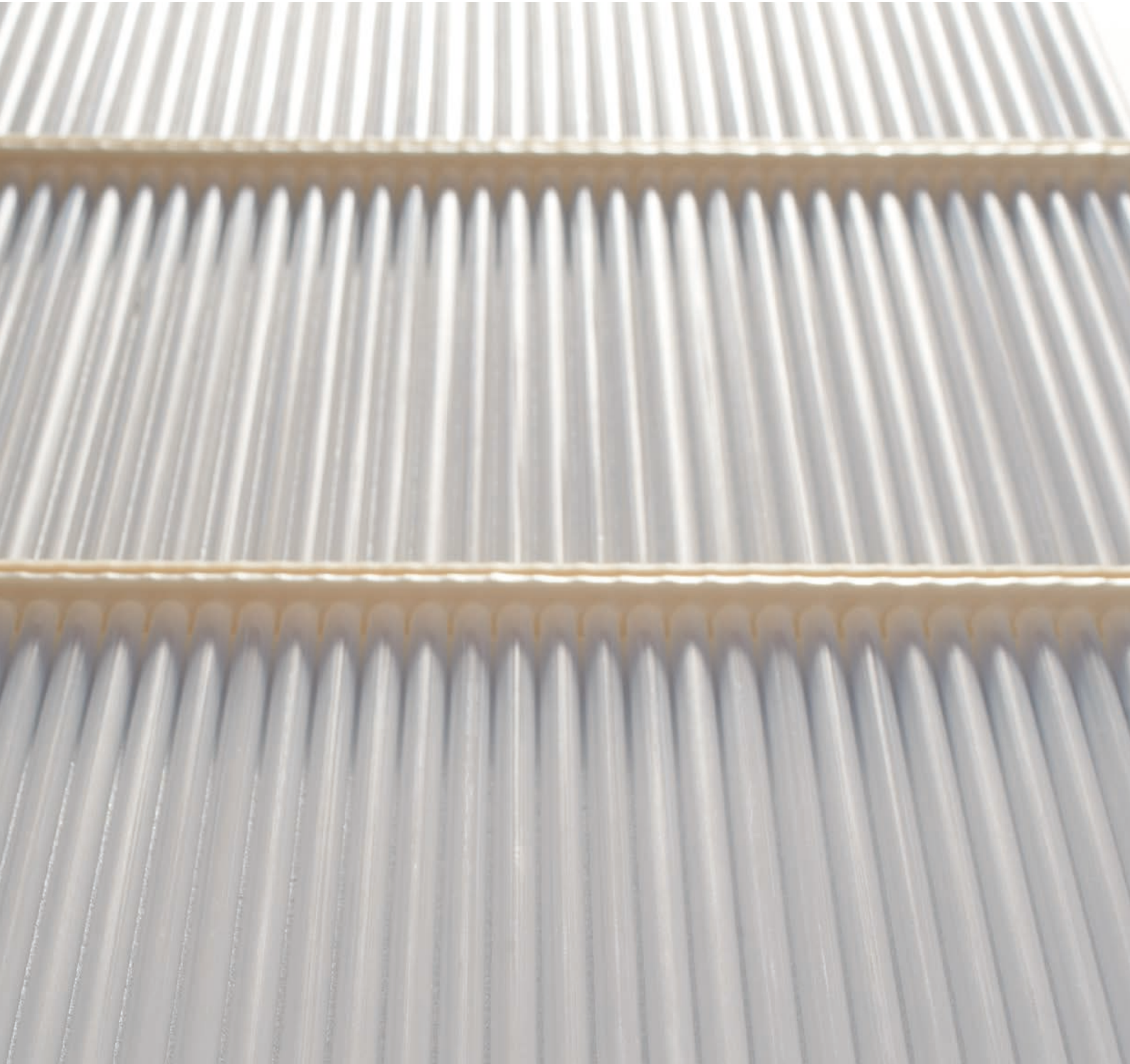
- Fully corrosion resistant & hygienic
- High efficiency
- Quick return on investment
- 10-20 years lifetime
- 30 years of experience





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