

CALORPLAST Gas / Liquid Polymer Heat Exchanger

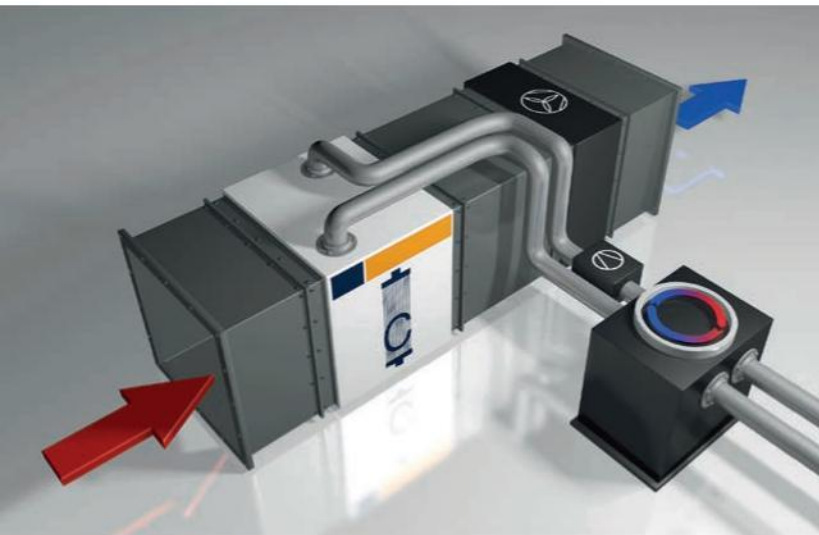
- where outstanding corrosion resistance matters
- where sustainability matters
- where energy efficiency matters



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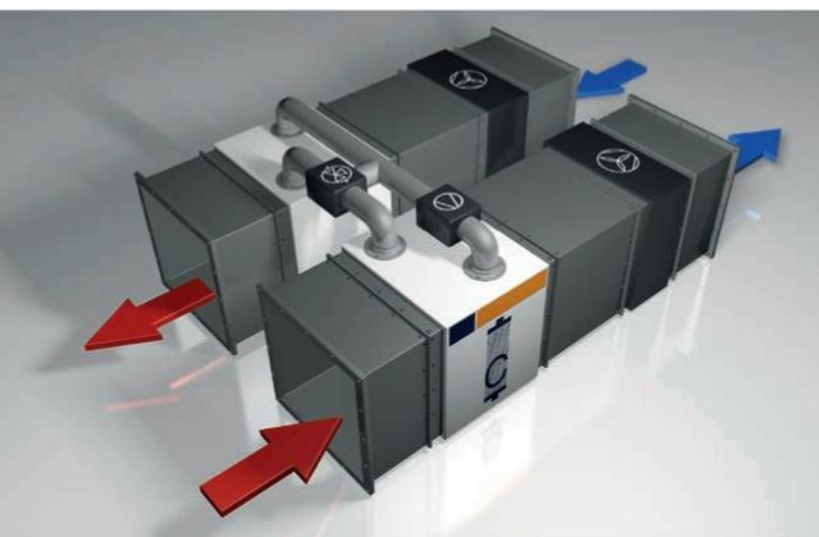
CALORPLAST
USA

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



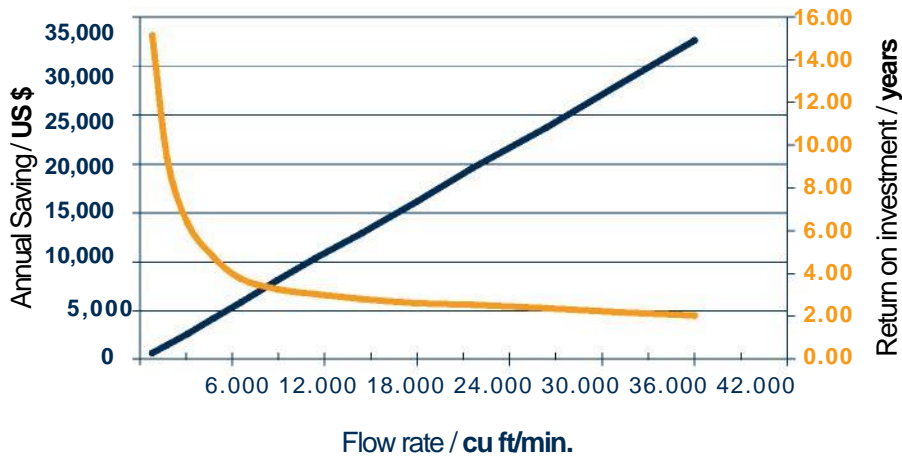
Energy Recovery

- Energy recovery in industrial HVAC systems
- Ventilation and heating of factory workshops
- Central laboratory ventilation
- Agricultural ventilation (Livestock)

Technical Data

- | | |
|---------------------------|---|
| ■ Materials: | PE-RT, PP or PVDF (Housing in PPs or PE) |
| ■ Operating temperatures: | -22 to +284 °F
-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



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





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