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

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials:</td>
<td>PE-RT, PP or PVDF (Housing in PPs or PE)</td>
</tr>
<tr>
<td>Operation temperatures:</td>
<td>-30 to +140 °C (depending on the material chosen)</td>
</tr>
<tr>
<td>Operation pressure:</td>
<td>3 to 16 bar (depending on the material chosen and the operation temperature)</td>
</tr>
<tr>
<td>Pressure drop:</td>
<td>50 mbar (approx.)</td>
</tr>
</tbody>
</table>

www.calorplast.de
**BENEFITS**

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

![Graph showing annual savings and return on investment vs flow rate (m3/h)](image-url)