Environmentally friendly key technology for heating and cooling

Our double top performer for efficient and economic energy use in industry, commerce and building technology:

$\text{CO}_2$ chillers and $\text{CO}_2$ high temperature heat pumps from ENGIE Refrigeration.

Optimal use of energies.
Product advantages at a glance

Sustainability & efficiency

- **Natural refrigerant**
  Environmentally friendly alternative to traditional refrigerants
- **Effective cogeneration of refrigeration and heat**
  Effective refrigeration with simultaneous heat production on a high temperature level
- **Effective heat recovery**
  Use of industrial waste heat sources and waste water
- **Low pollutant emission**
  Reduction of CO$_2$ pollutant emissions through oil and gas savings
- **High cost-effectiveness**
  Machines can be pay off in very short time

Technology & practice

- **Robust industry design**
  High quality “made in Germany” through certified production
- **State-of-the-art control technology**
  Full control and even remote monitoring
- **Compact design**
  Individual modifications of machines on site