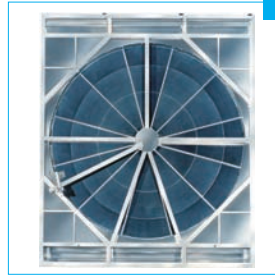


Klingenburg Components for Ventilation Systems

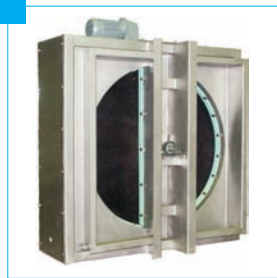
Rotary Heat Exchangers for Air Handling Systems used in office buildings, hospitals, theater, ...



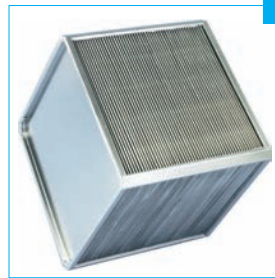
Rotary Heat Exchangers for Industrial Applications / Paint Booth Systems



Rotary Heat Exchangers for Industrial High Temperature Applications used in ceramic and brick industry, food industry, ...



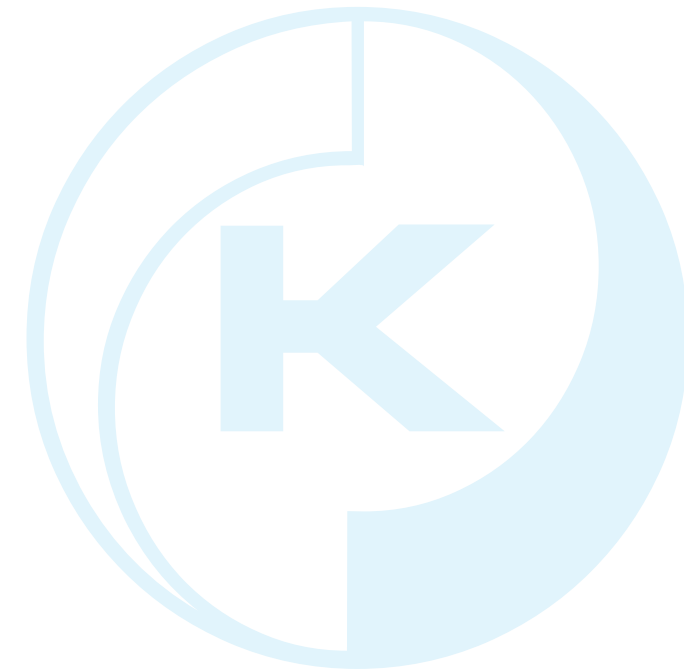
Crossflow-Plate Heat Exchangers for room and industrial ventilation systems



High Efficient Counterflow Plate Heat Exchangers for controlled apartment ventilation



Klingenburg Humidifier Hygienic Air Humidification and Adiabatic Cooling for room air conditioning and conditioning in production processes



CO₂-Reduction
with
Energy Recovery



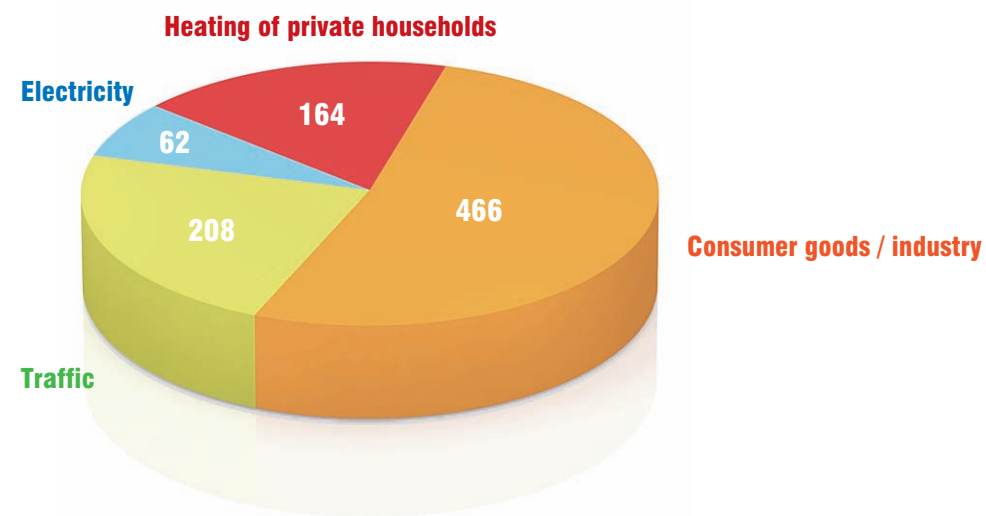
Klingenburg GmbH Telephone +49 (0) 20 43/96 36-0
Boystrasse 115 Telefax +49 (0) 20 43/7 23 62
45968 Gladbeck E-Mail: klingenburg@klingenburg.de
GERMANY www.klingenburg.de

KLINGENBURG

CO₂-Emissions in Germany

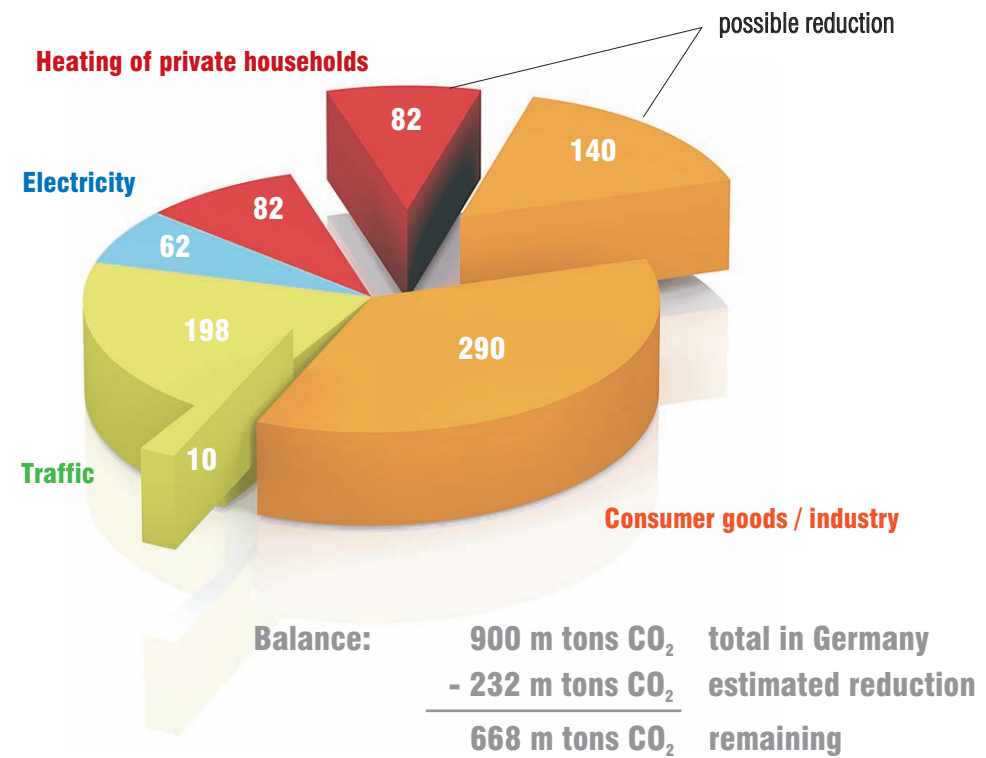
(Source: Umweltbundesamt 2007)

[m tons CO₂]



This could be the situation under forceful use of energy recovery:

[m tons CO₂]



Our average yearly production* effects:

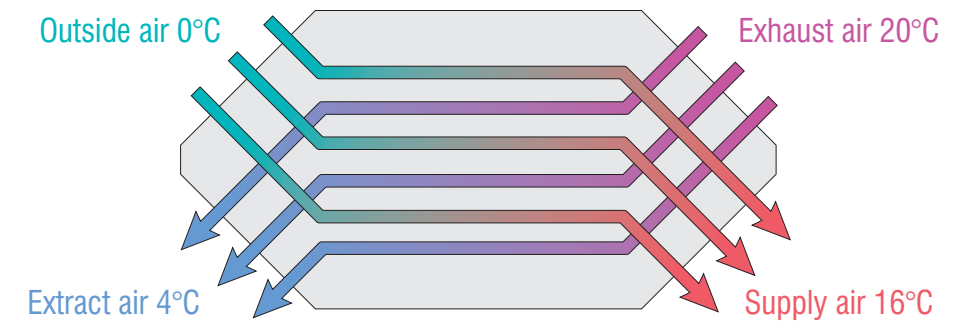
- 9 m tons CO₂ Reduction by now

equivalent to: 30 000 000 MWh Energy saving

or annual need of heating energy of 1 800 000 3-people-households

Energy Recovery

Example: Counterflow plate heat exchanger type GS:



80% Efficiency = 80% Energy recovery

We have a good command of all kinds of air-to-air energy recovery systems

- 29 years of experience
- From domestic ventilation to industrial applications
- World-wide delivery
- Market leader

Systematic energy recovery means:

- Energy saving
- Environmental protection
- Protection of global resources
- Economic advantages due to short amortisation time
- Independence from fossil fuels

➡ Our technic provides the opportunity to bring energy savings into public awareness

*) based on a lifetime of 15 years