

PERFECT COOLING AND TEMPERATURE CONTROL.

gwk

CO₂ reduction is a joint task!

Solutions for an efficient future.



**low carbon
technology**

The challenge of climate protection!

The 21st century is facing many changes.

Limiting global warming to less than 2 degrees Celsius compared to the level before the start of industrialisation, these were the binding targets of the Climate Conference 2015 in Paris. The world's entire population will be affected by global warming. Everyone must act, including industrial enterprises.





It is entirely up to us!

Highly efficient technologies are available today.

Concepts and technologies for reducing CO₂ emissions are already accessible. If these concepts and technologies are implemented and efficient devices and systems are used, our necessary climate protection targets can also be achieved.

It is our responsibility to act rationally!

Climate protection and economic aspects can be agreed upon.

With innovative technologies, gwk has solved the challenge of combining market-ready efficiency and climate protection technologies with economic buying interests. Many investments in gwk technologies pay for themselves in a short time.





CO₂ reduction comes before CO₂ compensation!

Measures to avoid emissions work quickly and are consistent.

Forestation projects for CO₂ compensation are essential and necessary. In order to have a significant climate protection effect, however, a forest must exist for many years. But what if the forest disappears due to various factors such as pest infestation or fires? The better way is to avoid CO₂ emissions in the first place.

NUMBERS, DATA and FACTS.

gwk makes climate protection possible in many areas of application.

Convince yourself with some practical examples.
Still have questions?
Our experts look forward to helping you and presenting further
efficiency measures.

Extract of possible efficiency measu



**Highly efficient
temperature control units**

gwk protemp

Main feature:
Reduction of CO₂
emissions through
centrifugal pump
technology.

Saving potential:
Energy savings of 62 %
on average and up to
92 % compared to
conventional designs.



**Highly efficient
water distributors**

gwk integrat direct

Main feature:
Reduction of CO₂
emissions through
centrifugal pump
technology.

Saving potential:
Energy savings of
up to 98 %
compared to
conventional designs.

res:



Highly efficient dynamic temperature control units

gwk integrat evolution

Main feature:

Reduction of CO₂ emissions due to high-performance heating ceramics installed close to the cavity.

Saving potential:

Energy savings of up to 98 % compared to conventional designs.



Highly efficient central cooling systems

gwk hermeticool

Main feature:

Reduction of CO₂ emissions by exploiting the cold ambient air during winter and transitional operation.

Saving potential:

Energy savings of up to 30 % compared to conventional designs.



Highly efficient mould cleaning

gwk moldclean

Main feature:

Reduction of CO₂ emissions through improved heat transfer.

Saving potential:

Energy savings of up to 26 % compared to conventional designs.



Highly efficient EC fans

gwk hermeticool EC

Main feature:

Reduction of CO₂ emissions through infinitely variable speed control and cooling fans with EC motors.

Saving potential:

Energy savings of up to 70 % compared to conventional designs.



**gwk Gesellschaft Wärme
Kältetechnik mbH**

Scherl 10
D-58540 Meinerzhagen

Tel.: +49 2354 7060-0
Fax: +49 2354 7060-150
www.gwk.com
info@gwk.com

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the technotrans group

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