



GOHL-KTK

Cooling for life

ECube

Increase energy efficiency
& using resources sustainably
manage resources



**SAVE ENERGY
& CONSERVE
RESOURCES**

Modular customized

- various options
- Energy saving
- Very low noise levels

RANGE

Capacity
55 - 2200 kW

Sound power
82 - 98 dB(A)

Application

Outdoor installation / indoor installation
Building air conditioning - HVAC
Industrial process cooling

Modular customized

The ECube has a modular design in widths of 1.2 and 1.8 m. Additional cubes can be added for sound attenuation or air duct. This means that the ECube can be adapted to the structural conditions and the sound values can be significantly reduced.

Energy saving

The term EC fans refers to a complete fan unit consisting of a precision impeller, control electronics and an EC motor > IE4:
The perfect interaction of the sophisticated components achieves maximum system efficiency.

The optimized flow paths maximize efficiency and reduce noise emissions. The motor and control electronics form a single unit and guarantee reliable performance data and simple commissioning thanks to plug & play. With optimally matched EC fans, more than 100 kW of heat can be dissipated in the partial load range with 1 kW of electrical power.

Very low noise levels

The optimized flow paths maximize efficiency and reduce noise emissions, while the dynamic balancing of the impeller-motor unit reduces vibrations. Cooling towers are only operated at their rated output for a few hours a year. The sound power value can be reduced by fitting a silencer.

