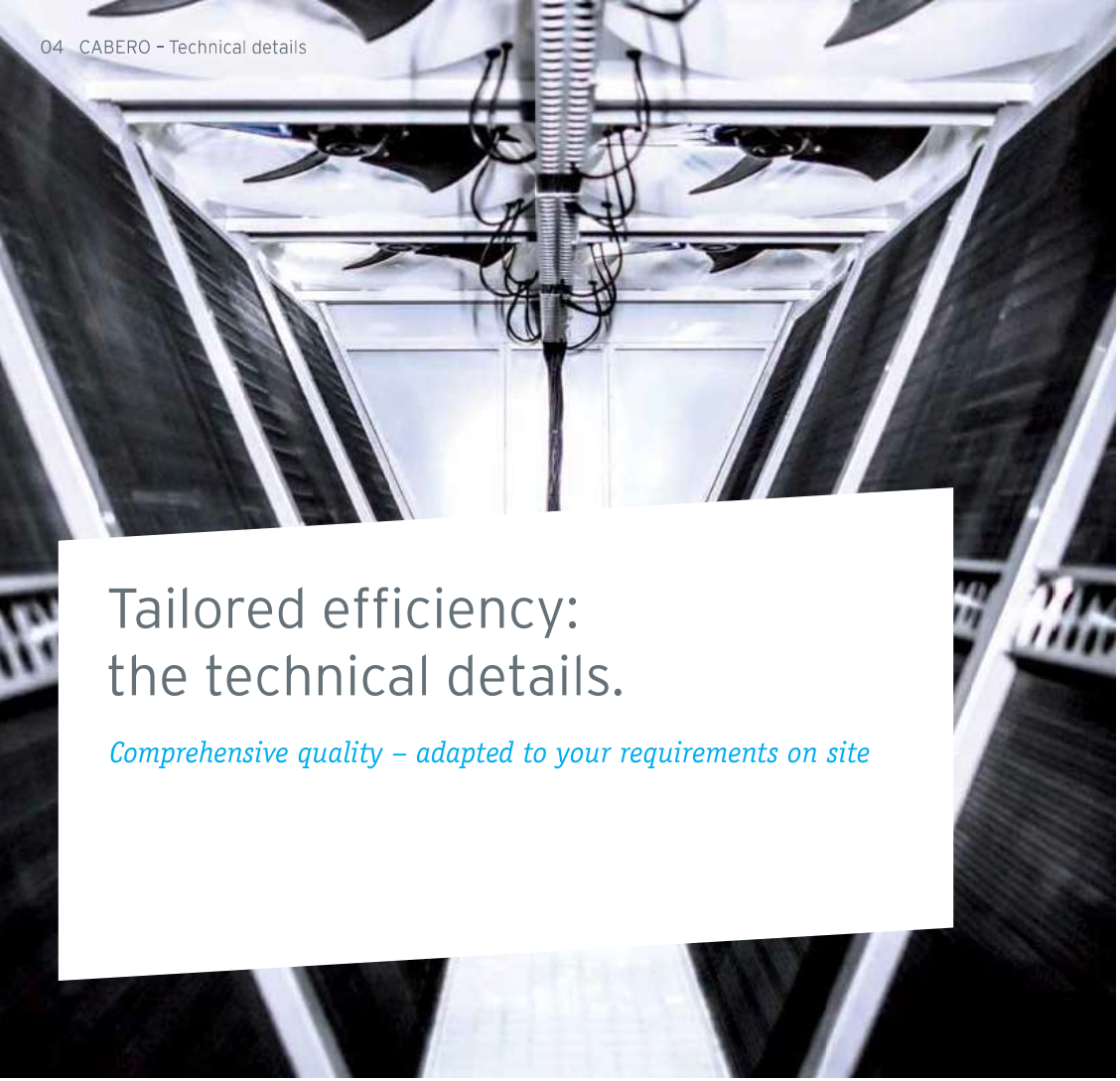
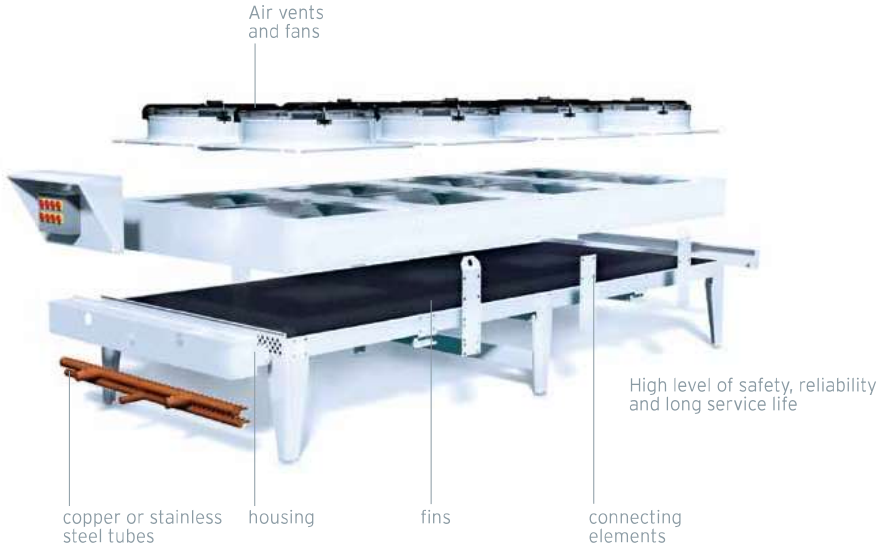


Tailored efficiency: the technical details.

Comprehensive quality – adapted to your requirements on site

Flexibility instead of standard solutions CABERO has been supplying line builders and planners all over the world with customised performance for different products and market segments for 35 years. Flexibility is everything – for each product poses its very own challenges. Our systems accurately meet the general requirements for temperature, operational safety, reliability, noise and hygiene but also with regard to ambient details such as humidity and air flow.



Features of all CABERO systems:

Housings

Made of galvanised and power-coated sheet metal in RAL 9010. The powder coating is applied before assembly, ensuring that all cut edges are treated. The sheet metal processing is subject to strict quality control regarding accurate fit and workmanship. Virtually all other RAL colours are available as special orders.

Air vents and fans

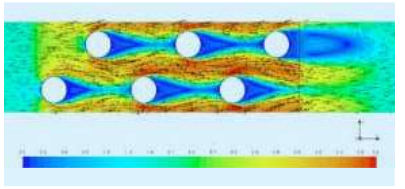
More than 100 different fans, with low-noise, air-flow optimised fans in EC or AC versions, optionally with air rectifier. As a standard, we install products from the suppliers Ziehl Abegg or ebm Papst. The specially designed products allow optimum efficiency levels: After sound power, air volume and electrical data, the efficiency is measured on specially designed test benches following DIN requirements.

Fins

Made of copper, pure aluminium or special aluminium alloys (e.g. AlMg2.5 or AlMg3) which have a higher resistance to aggressive environmental influences. We use smooth fins which can guarantee a lower contamination factor than so-called turbo fins due to their surface texture.

Copper or stainless steel tubes

Thickness and purity of the material guarantee density and durability even under thermal expansion.



The CABERO engineers use thermodynamic simulations to determine the ideal circulation speed to prevent flow separation drops and escaping moisture.

Connecting elements

Rivets, screws, nuts, washers etc. are made of stainless steel or other corrosion-resistant materials.

High level of safety, reliability and long service life

A special design prevents friction between tube and fin.