

Ekocoil

Dry Coolers & Condensers





Fully Customized

Experience

Ekocoil has been developing and manufacturing Dry Coolers and Condensers for over several decades.

With vast R&D knowledge, unique expertise and efficient and flexible production processes we are able to offer fully customized solutions to match the customer needs.

Expertise

Ekocoil offers a complete selection of Dry Coolers and Condensers for industrial, commercial and public spaces. With flexible production methods we can guarantee solutions to best suit the customer requirements. Ekocoil products can also be dimensioned for special applications and for demanding conditions.

We take care of the whole production process from start to finish and offer high-class products with best components in the market.

Optimization

Dimensioning is easy and fast with our own Optimizer software. Each solution will be an optimal and cost-effective match to the specific project requirements. With Ekocoil Optimizer, you can test and simulate different variants to find the most suitable solution.

Our sales will help you with planning, design and dimensioning.

www.ekocoil.fi



Applications

Buildings & Process Cooling

Dry Coolers & Condensers are used in different types of buildings and applications throughout the HVAC industry, such as office buildings, hospitals, sport arenas, industrial processes and power generation. Ekocoil offers a selection of Dry Coolers & Condensers with capacity between 10 – 1500 kW to match the demands of different kinds of environments and spaces. Ekocoil will always provide an optimal solution for each case. The solution will be a match not only for thermodynamic factors but also for architectural requirements, such as narrow spaces and size limitations.

For energy & process cooling Ekocoil delivers fully tested and completely mounted units to the installation site for easy system integration. Flexible deliveries minimize delays - Ekocoil delivers just in time.

Data Centers

Carefully designed and effective cooling is crucial for IT systems. Ekocoil has the experience and know how to deliver dependable and precisely optimized Dry Cooler solutions for Data Centers.

Benefits:

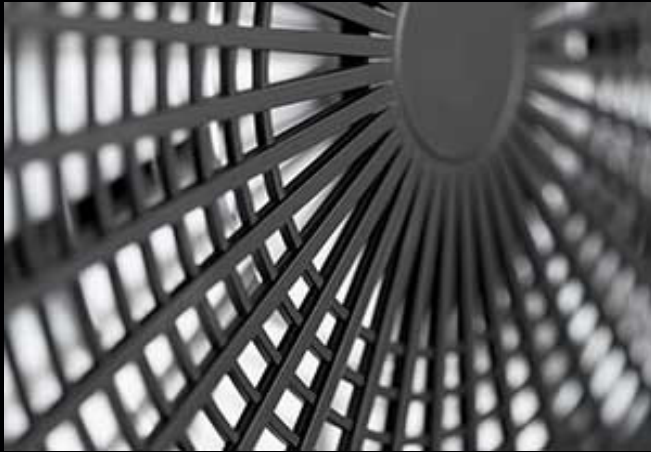
- Precise management of moisture and temperature.
- Top class, technically advanced and customized solution (special fans, material choices etc)
- No interruptions: durable and dependable solutions guarantee 100% undisturbed operation.
- Cost control: Optimizing the cooling system is one of the key components of energy efficiency in Data Centers.
- Precise dimensioning of Dry Coolers offers cost savings both with initial investment and with operating expenses.

Special Solutions

Ekocoil delivers solutions also for special cases and unique requirements. We offer expert service to advice with for example material choices and electricity options. We design and test prototypes together with the customer. Our extensive production capabilities and efficient production methods offer flexibility throughout the delivery process.



Options



Fan Options

- Ekocoil Dry Coolers and Condensers are equipped either with high quality AC or EC fans.
- EC fans provide excellent, almost 90% efficiency rate with wide rpm range to deliver energy and cost savings.



Accessories

- Frequency Converter (EMC protection, protection class IP54)
- Control Box (for EC fans)
- Safety switches near fans, EMC switches with frequency converter
- Maintenance platform, adjustable legs and cleaning panels
- Adipatic Cooling System (ACS): Energy Efficient option to increase performance.



Material

- Copper or aluminium fins, epoxy coating for coils if needed. Also special materials available.
- Frame made of galvanized or plastic coated steel.
- Can be painted in requested color (RAL).

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Ekocoil has one of the most extensive product range of dry coolers, condensers, air-to-air heat exchangers, heating, cooling and heat recovery coils in Europe. Its product portfolio also includes gravity coils and fan air coolers. Ekocoil has strong background and many of years of experience from different types of industries including comfort ventilation, cooling of electronics and variety of energy related companies. Oy Ekocoil is an OEM manufacturer for several leading companies in the industry. Ekocoil has customers among air conditioning unit manufacturers (application to heating, cooling and heat recovery etc), in commercial cooling & freezing and in energy- and process industry.