

Application

Typical areas of application are cooling water-cooled refrigerating machines and process cooling installations.

Executions

Horizontal, vertical, V-shaped

Material

- Blades: aluminium (Vinyl coated on request)
- Piping: Cu or V4A
- Frame and feet: weather resistant galvanized coated sheet steel.
Coated or uncoated aluminium or chrome steel version if requested.

Axial ventilators

Compact, free exhaust corrosion protected and weather resistant unit.

All ventilators comply with the ERP 2015 directive.

Electronic regulation

The ventilators are wired and configured according to customer specifications. Version without wiring delivered as standard for 0 to 10 V signals (factory setting) available on request. Individual control of the ventilators using temperature or pressure sensors also possible.

Cooling capacity

By properly selecting the various materials dry coolers may be configured for cooling capacities of 400 kW and more (depending on the ΔT).

Operating pressure

Versions up to 20 bar.

Operating medias

Water and glycol water, oils and other medias.

Noise level

The sound power level (LwA) highly depends on the air pressure drop and the air volume handled by the corresponding ventilator. Our extensive range of ventilators guarantees very low noise levels to the full satisfaction of customers.

Dimensions

As it is often very difficult to find units with the exact dimensions requested, we develop coolers that meet the required dimensions.

Connections

Supplied with external thread or flange connections.

Quote checklist

Dry cooler

- Air side
 - Inlet air temperature
 - Cooling capacity
- Medium side
 - Type of medium (water, glycol water, glycol percentage, oil, etc.)
 - In- and outlet temperature or
 - Inlet temperature and air flow or
 - Outlet temperature and air flow
- Execution (horizontal or vertical)
- Maximum dimensions
- Control/regulation system if requested.

Please do not hesitate to contact us. We are on hand to advise you when choosing your cooler.



Fig. V-shaped cooler

Fig. Horizontal cooler

Fig. Vertical cooler