



Air condensers Drycoolers

Customisable

high power

Modular

and scalable

Infinite power



VEMAX

VEMAX targets processes which release medium/high power, low-quality energy into the atmosphere, **over 1 megawatt and below 110°C**.

It is designed to cool industrial processes in a variety of fields such as energy/environment, metallurgy/plastics, agri-food/commercial cooling and to remove heat from water loops in high-capacity air-conditioning systems.

- It is particularly suited to the cooling of clean, non-aggressive heat transfer fluids that must be brought down to or near ambient air temperature.
- **Minimum electricity consumption** (propeller efficiency greater than 75 %).
- **Minimised reactive current** (high-performance motors, cos phi greater than 0.85).
- **Neat, acoustic design** (propellers with 'wingCIAT' profiled adjustable blades).
- **Installation** outside potentially explosive areas. Specific study if ATEX dust/gas certification required (zone I or zone II).
- **Connections:** flange or quick-connect couplings (optional).
- **Preventive** maintenance of rotating parts (vibration gauge option).
- **High potential** of heat rejection achieved by installing the right number of units needed in parallel.
- The low number and wide diameter of the fans make maintenance and wiring **easy**.



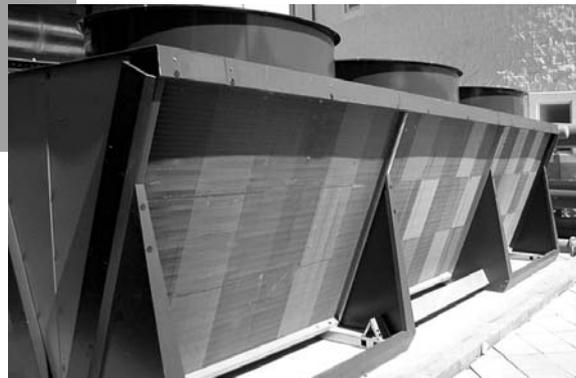
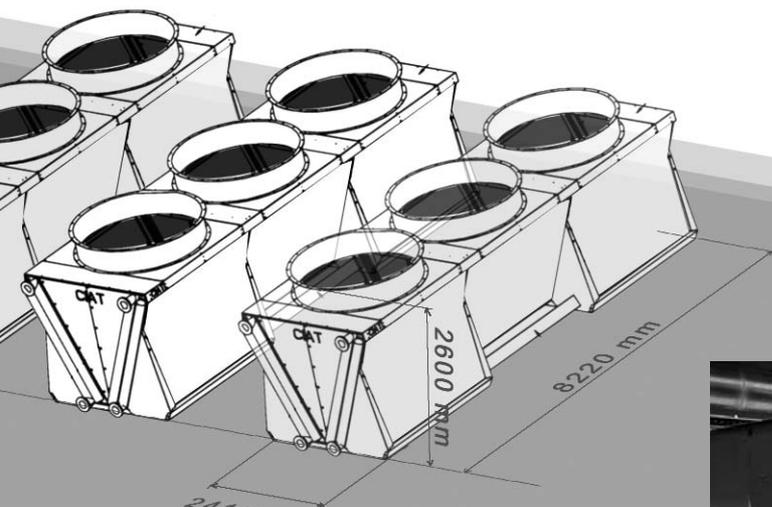


CIAT's place in industry

Any type of standard exchanger can be configured to meet specific needs. Our design and manufacturing teams constantly strive to tailor all units to each and every user's individual needs.

Depending on each case, we can customise standard machines or analyse special requirements in order to provide the best possible response.

Such capabilities make CIAT a name the industrial market can turn to and a recognised partner of contractors in the energy, environmental, mechanical engineering/metallurgy, chemicals and many other industrial markets.



***We have one unwavering ambition for VEMAX:
make it the epitome of discreet, efficient and
environmentally friendly power.***

Packing all of our experience in service-industry applications and our industrial know-how, VEMAX is the product of the cooperative efforts and synergy of our experts in environmental quality, heat exchange, aeraulics and acoustics, who have pushed back the boundaries to create this obvious response to high-capacity needs.

Whatever your requirements, VEMAX can be custom-maded to exactly meet your specifications exactly.