

WTR

Dry Cooler

Cooling capacity 56 ÷ 350 kW



- V-Shape model with single row of fans
- Wide range of powers
- Maximum height clearance 1.6 mt



GENERAL FEATURES

- V-Shape model with single row of fans;
- Very compact and lowered structure;
- Maximum height clearance 1.6 mt;
- can be transported via container;
- Easy to handle and transport;

FEATURES

Structure

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- Coils with compact staggered geometry, copper pipes and corrugated or mechanically expanded aluminium louvers;
- The version with polyurethane resin pre-painted louvers is also available for greater resistance to corrosion in aggressive environments;
- All coils are tested at a maximum pressure of 16 bar;
- The shoulders of the coils are integrated into the structure and designed to avoid any pipe breakage due to vibrations related to transport or functioning;
- Copper collectors with threaded brass connections or flanged on request, adequately protected for transport.
- Adiabatic "Spray System" systems with running water nozzles (cheaper but less efficient);
- Aluminium "Adiabatic Panels" system with closed water management and control system (very efficient system with a 10% maximum amount of evaporated water).

Fans

- Latest generation axial fans all compliant with ErP regulation and IP54;
- All machines are supplied with wired and tested fans;
- Fans diameter \varnothing : 800 mm;
- Fans with a diameter of \varnothing 800 mm are all three-phase (T) and there can be from 2 to 7 per machine;

- Different sound levels: standard (B), silenced (S) or extra-silenced (E);
- The motors can have AC or EC technology;
- For three-phase AC motors it is possible to choose the electrical type of connection: star (Y) or delta (D).

CONTROL

The electrical panel with terminal board or adjustment is always present and can be installed on the collector side (standard) or on the opposite side.

The regulators used are of high efficiency and low consumption.

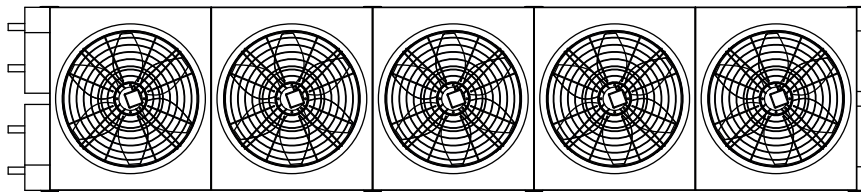
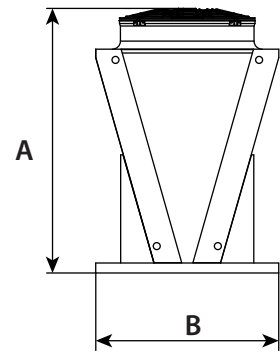
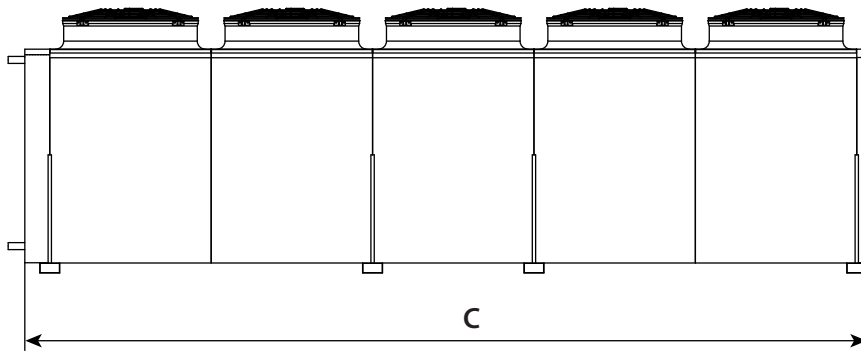
The types of available adjustments are: phase cut for AC fans and with electronic processor for EC fans.

ACCESSORIES

Several accessories are available:

1. Anti-vibration supports;
2. Coil connection kit;
3. Additional disconnectors for each motor;
4. Remote switch-on/switch-off management kit;
5. Resistance kit (if temperature $\leq -20^{\circ}\text{C}$);
6. UV lamp kit (only for adiabatic "Spray System" system);
7. Modbus kit.
8. Axitop

DIMENSIONS



		WTR°8023	WTR°8024	WTR°8033	WTR°8034	WTR°8043	WTR°8044	WTR°8053	WTR°8054	WTR°8063	WTR°8064	WTR°8073	WTR°8074
Dimensions and weights													
A	mm	1590	1590	1590	1590	1590	1590	1590	1590	1590	1590	1590	1590
B	mm	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
C	mm	2150	2150	3120	3120	4090	4090	5060	5060	6030	6030	7000	7000
Empty weight	kg	383	432	563	637	743	841	923	1046	1171	1341	1278	1448

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