

WTE

Dry Cooler

Cooling capacity 3 ÷ 500 kW

- Simple to use and install
- Wide range of powers
- Easy to handle and transport
- Can be installed both horizontally and vertically



GENERAL FEATURES

- Simple to use and install;
- Excellent value for money;
- Easy to handle and transport;
- Up to 3 units can be stacked depending on the model (to be requested at time of order);
- Can be installed both horizontally and vertically (models with ø 500 mm and ø 630 mm fans – available on request).

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 welded connections closed to prevent impurities and moisture from getting into the circuits.

Fans

Latest generation axial fans all compliant with ErP regulation and IP54. All the machines are supplied with wired and tested fans, the following diameters of fans are available ø: 350, 500, 630 (three-phase AC motors only), 800, 1000 (990) mm.

Different sound levels can be had for each fan diameter:

- Standard (B);
- Silenced (S);
- Super silent (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 with adjustment is always present.

For space reasons, the models with 350 mm diameter fans feature a junction box.

The regulators used are of high efficiency and low consumption, the types of adjustments available are:

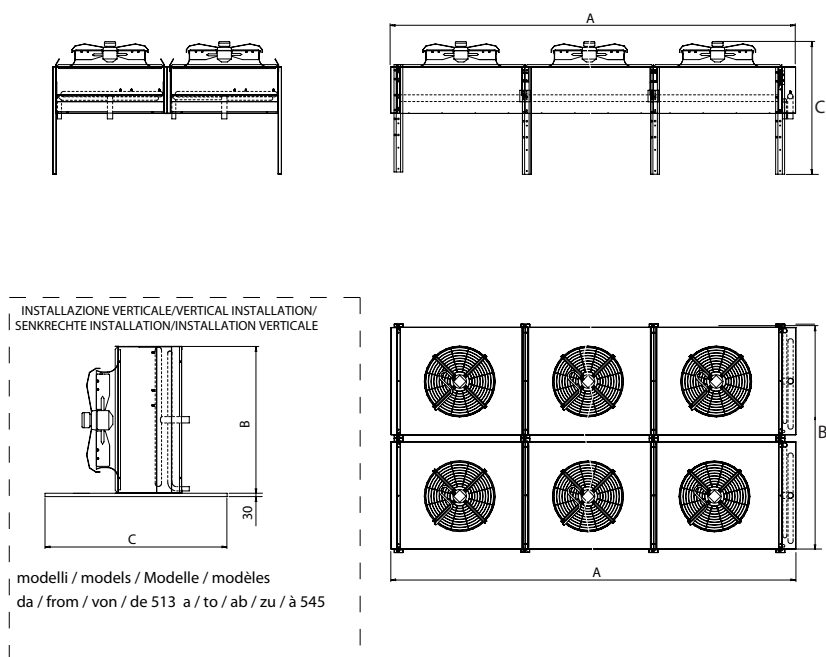
- Phase cut for AC fans
- With electronic processor for EC versions

ACCESSORIES

Several accessories are available:

1. Anti-vibration supports;
2. Coil connection kit;
3. Double circuit kit (only for single row machines)
4. Additional disconnectors for each motor;
5. Remote switch-on/switch-off management kit;
6. Resistance kit (if temperature ≤ - 20°C);
7. Modbus kit;
8. Axitop (only for 800 mm diameter fans).

DIMENSIONS



WTE fans diameter Ø 500

		WTE°5013	WTE°5023	WTE°5033	WTE°5043	WTE°5063	WTE°5083
Horizontal installation							
A	mm	1400	2345	3290	4230	3290	4230
B	mm	833	833	833	833	1666	1666
C	mm	1080	1080	1080	1080	1080	1080
Empty weight	kg	72	128	185	289	354	467
Vertical installation							
A	mm	1400	2345	3290	4230	-	-
B	mm	839	839	839	839	-	-
C	mm	870	870	870	870	-	-
Empty weight	kg	72	128	185	289	-	-

WTE fans diameter Ø 800

		WTE°8013	WTE°8023	WTE°8033	WTE°8043	WTE°8063
Horizontal installation						
A	mm	1920	3600	5260	3600	5260
B	mm	1240	1240	1240	2390	2390
C	mm	1385	1385	1385	1385	1385
Empty weight	kg	169	331	487	642	954
Vertical installation						
A	mm	1320	3590	5250	3600	5260
B	mm	1232	1232	1232	2390	2390
C	mm	1061	1061	1061	1560	1560
Empty weight	kg	169	331	487	642	954

WTE fans diameter Ø 1000

		WTE°1014	WTE°1024	WTE°1034	WTE°1044	WTE°1064	WTE°1084
Horizontal installation							
A	mm	2560	4860	7170	9460	7170	9460
B	mm	1260	1260	1260	1260	2430	2430
C	mm	1750	1750	1750	1750	1750	1750
Empty weight	kg	247	467	772	990	1602	2060
Vertical installation							
A	mm	2560	4860	7170	9460	7170	9460
B	mm	1260	1260	1260	1260	2505	2505
C	mm	1075	1750	1750	1750	1560	1560
Empty weight	kg	247	467	772	990	1602	2060

Aermec reserves the right to make any modifications deemed necessary.
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