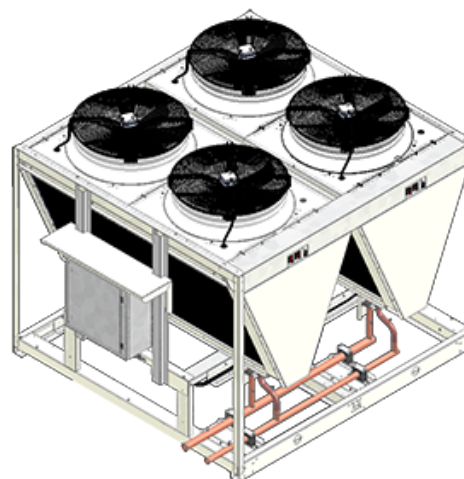


WMV

Dry Cooler

Cooling capacity 100 ÷ 950 kW

- **Modular machine with base unit composed by 2 "V" modules in series**
- **The power range can be extended by installing more than 5 base units in parallel**
- **Very solid and reliable structure**



GENERAL FEATURES

- Modular machine with base unit composed by 2 "V" modules in series;
- Very solid, compact and reliable structure;
- Maximum height clearance 2.0 mt;
- Can be transported via container (optimisation of transport costs);
- The power range can be extended by installing more than 5 base units in parallel.

FEATURES

Structure

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- 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;
- Copper collectors with grooved joint connections (Victaulic);
- Different collector configurations are available in order to manage mono and two-circuit systems (include the "Double circuit kit" for machines with up to 8 motors);
- Each "V" module is composed by two coils and two identical fans which repeat from 2 to a maximum of 10 times.
- Each "V" module can be electrically and hydraulically disconnected from the rest of the machine for maintenance without having to stop the whole system;

Fans

- Latest generation axial fans all compliant with ErP regulation and IP54;
- All machines are supplied with wired and tested fans;
- Available fan diameters \varnothing : 800 mm;
- All fans with three-phase motors (T) there can be from 4 to 20 per individual 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

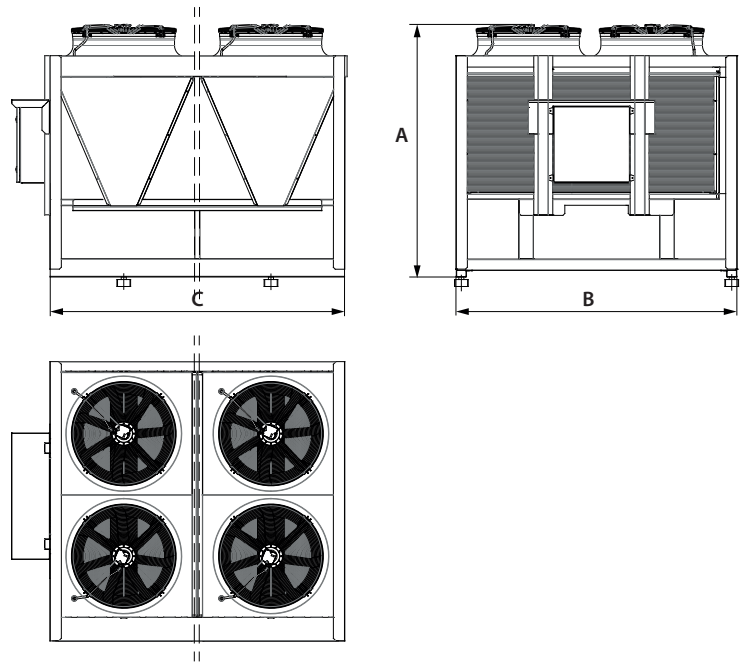
- The electric control board or with complete adjustment is always supplied and can be installed on both short sides of the machine;
- The regulators used are of high efficiency and low consumption;
- The types of available adjustments are: phase cut for AC fans and with electronic processor for EC fans;
- Possibility to manage two-circuit systems with independent electrical board and adjustment (select the "Double circuit kit" for models up to 8 motors).

ACCESSORIES

Several accessories are available:

1. Anti-vibration supports;
2. Double circuit 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. Modbus kit.
7. Axitop

DIMENSIONS



		WMV°8043	WMV°8044	WMV°8083	WMV°8084	WMV°8123	WMV°8124	WMV°8163	WMV°8164	WMV°8203	WMV°8204
Dimensions and weights											
A	mm	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
B	mm	2220	2220	2220	2220	2220	2220	2220	2220	2220	2220
C	mm	2385	2385	4765	4765	7145	7145	9525	9525	11905	11905
Empty weight	kg	1080	1190	2160	2380	3240	3570	4320	4760	5400	5950

Aermec reserves the right to make any modifications deemed necessary.
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