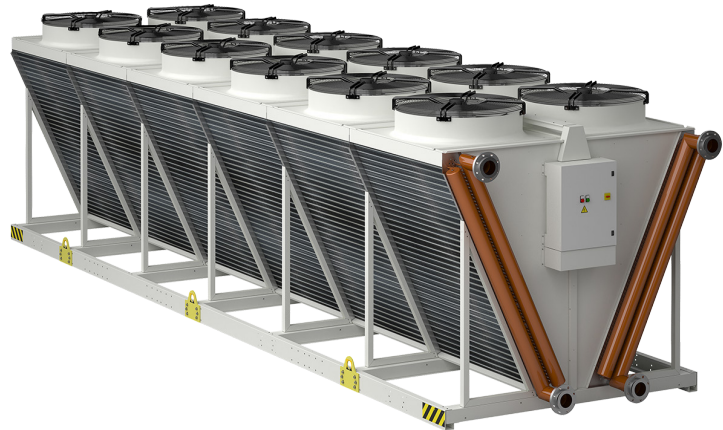


# WGA

# Dry Cooler

Cooling capacity 180 ÷ 1100 kW

- V-Shape model with double row of fans
- Ideal machine to manage two-circuit systems completely independently and precisely
- Very solid and reliable structure



### GENERAL FEATURES

- V-Shape model with double row of fans;
- Very solid and reliable structure;
- Maximum height clearance 2.5 mt;
- Can be transported in specific containers.

### 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 e 1000 (990) mm;
- All fans with three-phase motors (T) there can be from 4 to 10 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

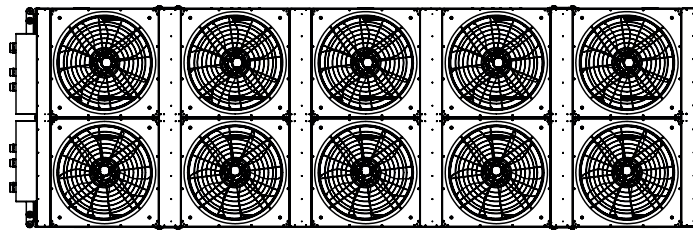
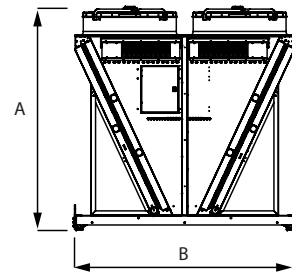
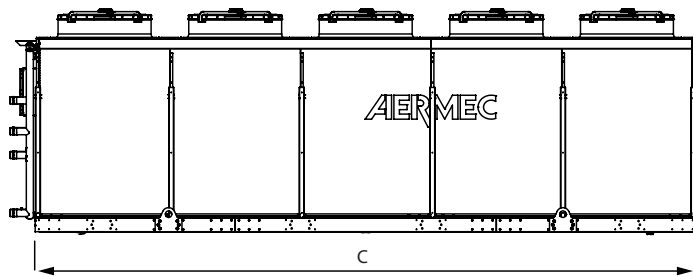
- The electrical panel with terminal board or adjustment is always present and can be installed on the collector side (standard) or on the opposite side;
- The regulators used are of high efficiency and low consumption;
- The types of available adjustments are: phase cut for AC fans and with electronic processor for EC fans;
- The two banks can be managed separately with independent electric control board and adjustment (ideal solution for two-circuit systems)

### 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  $\leq -20^{\circ}\text{C}$ );

## DIMENSIONS



		WGA°8063	WGA°8064	WGA°8083	WGA°8084	WGA°8103	WGA°8104	WGA°8123	WGA°8124	WGA°8143	WGA°8144	WGA°8163	WGA°8164
<b>Dimensions and weights</b>													
A	mm	2410	2410	2410	2410	2410	2410	2410	2410	2410	2410	2410	2410
B	mm	2448	2448	2448	2448	2448	2448	2448	2448	2448	2448	2448	2448
C	mm	4320	4320	5730	5730	7140	7140	8550	8550	9960	9960	11370	11370
Empty weight	kg	1600	1700	2000	2150	2500	2700	2850	3100	3650	4000	4200	4550

Aermec reserves the right to make any modifications deemed necessary.  
All data is subject to change without notice. Aermec does not assume  
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