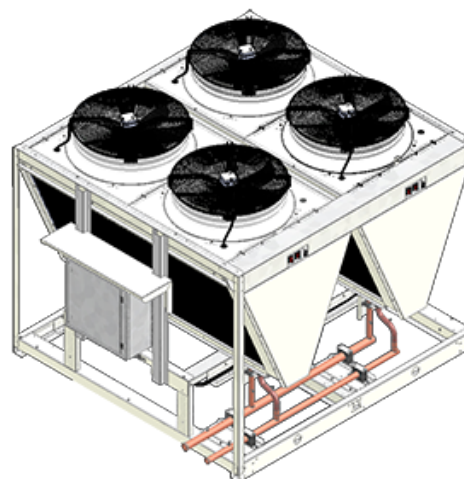


CMV

Remote condenser

Cooling capacity 140 ÷ 1200 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;
- **High efficiency microchannel coil with low refrigerant content;**
- All coils are tested with Helium (He₂) which ensures the absence of leaks;
- Copper collectors with welded connections closed to prevent impurities and moisture from getting into the circuits;
- 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;
- 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;

- Available fan diameters ø: 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

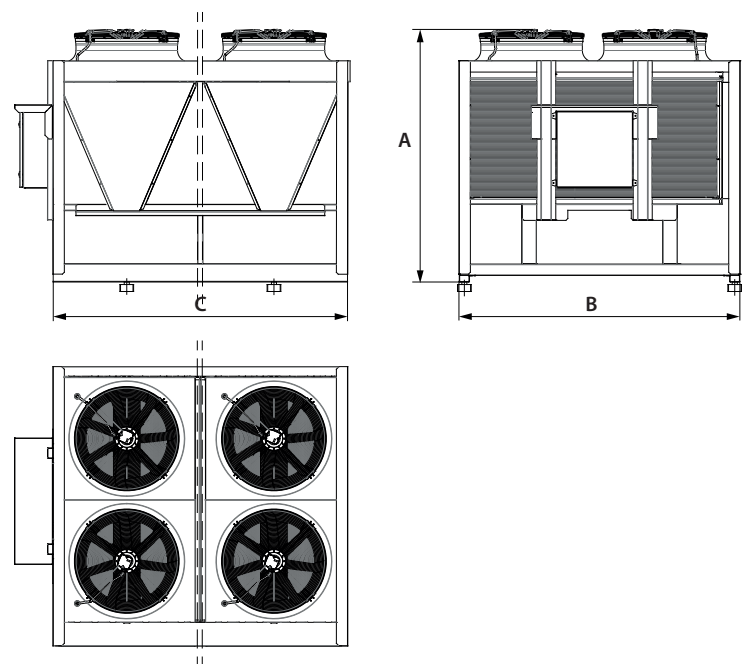
Several accessories are available:

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 ≤ - 20°C);
6. Modbus kit.
7. Axitop

PERFORMANCE SPECIFICATIONS

- *For combinations with the evaporating units contact the head-quarters.*

DIMENSIONS



		CMV 8041	CMV 8081	CMV 8121	CMV 8161	CMV 8201
Dimensions and weights						
A	mm	2010	2010	2010	2010	2010
B	mm	2220	2220	2220	2220	2220
C	mm	2385	4765	7145	9525	11905
Empty weight	kg	900	1800	2700	3600	4500