

AERMEC



CVR & WTR

V-SHAPED UNIT

1 ROW OF FANS

AIR COOLED CONDENSED UNIT | DRY COOLER UNIT



CVR condenser and WTR dry cooler's serie meet equipment's power requirements.
They are available from 2 up to 7 fans both version AC and EC.

AIR CONDENSER AND LIQUID COOLERS WITH AXIAL FANS

- Configuration: 2 heat exchangers V-shape arranged
- 2 independent circuits
- 1 fans row
- Wide range of capacity
- 84 models available as condenser
- 84 models available as dry coolers
- Fan diameter: 800 mm
- Number of fans: from 2 to 7
- Devided ventilation vane

CONSTRUCTION CHARACTERISTICS

They are realized with technologies and material which guarantee strength against atmospheric agents.

High efficiency finned block heat exchangers realized with copper tubes and alluminium fins. New generation axial fans with 800 mm diameter both available version AC and EC chosen for minimizing the energy consumption. Standard unit are supplied with cabled fans and electrical box with clamps.

AVAILABLE FANS

- BTD: 6-poles with delta connection
- BTY: 6-poles with star connection
- STD: 8-poles with delta connection
- STY: 8-poles with star connection
- ETD: 12-poles with delta connection
- ETY: 12-poles with star connection
- CTB: fan motor EC high-power
- CTE: fan motor EC low noise level

MODELS

Model	Main switch	switch for each motor	Switchboard	Phase cut regulatori	Controller EC	Inverter	Probe	Anti-vibration device
CVR-WTR BTD	✓	✓	✓	✓		✓	✓	✓
CVR-WTR BTY	✓	✓	✓	✓		✓	✓	✓
CVR-WTR STD	✓	✓	✓	✓		✓	✓	✓
CVR-WTR STY	✓	✓	✓	✓		✓	✓	✓
CVR-WTR ETD	✓	✓	✓	✓		✓	✓	✓
CVR-WTR ETY	✓	✓	✓	✓		✓	✓	✓
CVR-WTR CTB	✓	✓	✓		✓		✓	✓
CVR-WTR CTE	✓	✓	✓		✓		✓	✓

ACCESSORIES

CVR and WTR unit could be equipped with main switch, switchboard, cut phase fan speed regulator (with 1 set point or 2 set point) or inverter with shielded cables, EC controller and temperature sensor, pressure sensor or 0-10V signal.

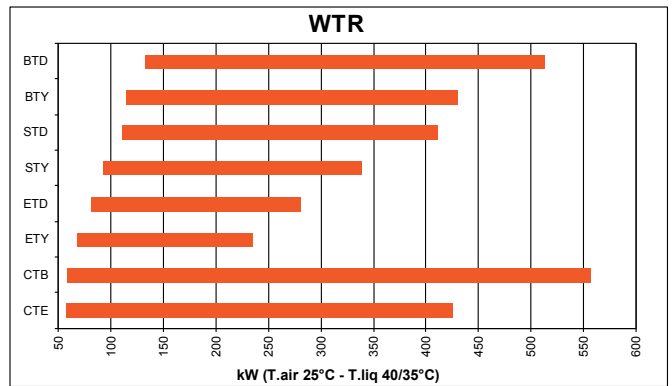
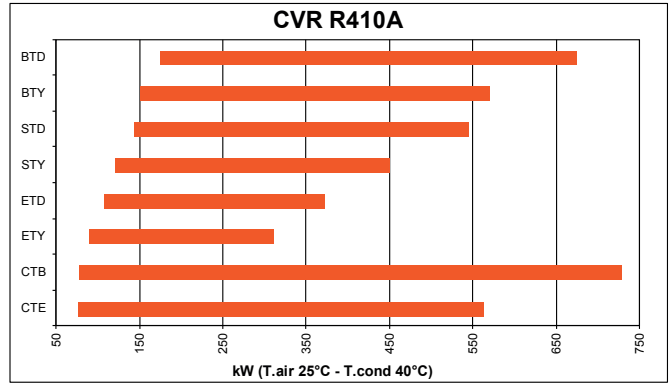
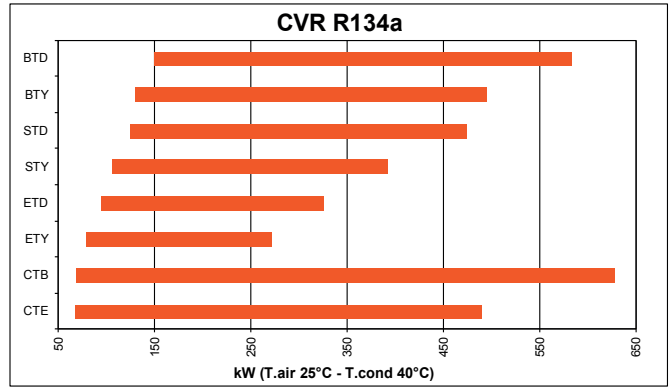
All fan motors could be equipped with switch for each motor. Anti-vibration device are also available for reducing machine's vibrations and only for dry coolers flanges in order to simplify hydraulic connection.

CAPACITY

In air condenser unit power range with refrigerant R134a is from 19 up to 178 tons (ambient air temperature +77°F, average condensing temperature +104°F according to EN 327)

In air condenser unit power range with refrigerant R410A is from 21 up to 207 tons (ambient air temperature +77°F, average condensing temperature +104°F according to EN 327)

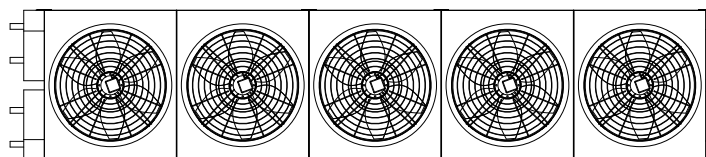
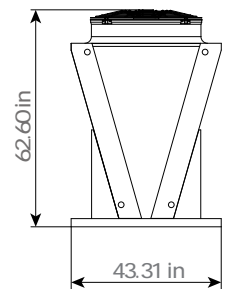
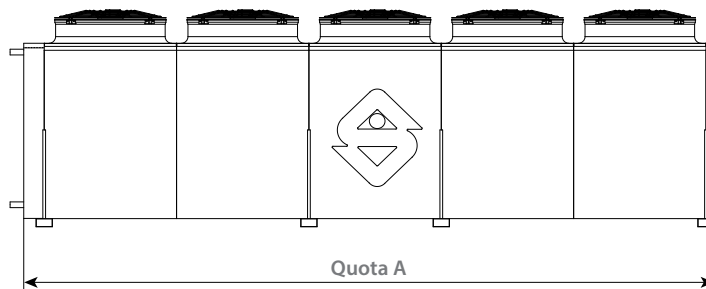
In dry cooler unit power range with ethylene glycol 30% is from 16 up to 158 tons (ambient air temperature +77°F, inlet liquid temperature +104°F outlet liquid temperature +95°F according to EN 1048)



TECHNICAL DRAWING

Quota A

- CVR/WTR° 802(3/4) 84.65 in
- CVR/WTR° 803(3/4) 122.84 in
- CVR/WTR° 804(3/4) 161.02 in
- CVR/WTR° 805(3/4) 199.21 in
- CVR/WTR° 806(3/4) 237.40 in
- CVR/WTR° 807(3/4) 275.59 in



AERMEC

Address: 1608 Bonhill Road. Mississauga, Ontario, CA L5T 1C7

Website: www.aermec.us

Email: help@aermec.us

Canada: 1-800-567-2221

US: 1-888-567-2227