DRY & ADIABATIC COOLERS & CONDENSERS

eco-Air Series

Environmentally Conscious Dry & Adiabatic Operation

evapco® for LIFE

2 Year UNIT WARRANTY

CE PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU ASSESSED BY NOTIFIED BODY

CERTIFIED EN ISO 9001

eurammon refrigerants delivered by mother nature

† CTI CERTIFIED

† Mark owned by the Cooling Technology Institute

eco-Air Series Design & Construction Features

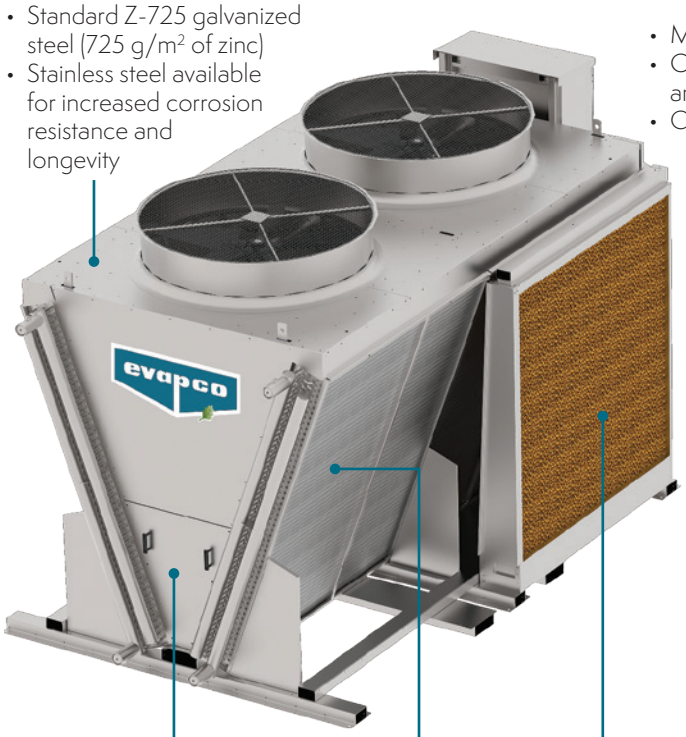
The eco-Air Series of coolers and condensers represents EVAPCO's newest advancement in thermal heat transfer research and development. Available in fully dry and adiabatic designs, the eco-Air Series maximizes heat rejection with minimal or no water use. The eco-Air Series is another chapter in EVAPCO's ongoing commitment to high quality, environmentally friendly products.

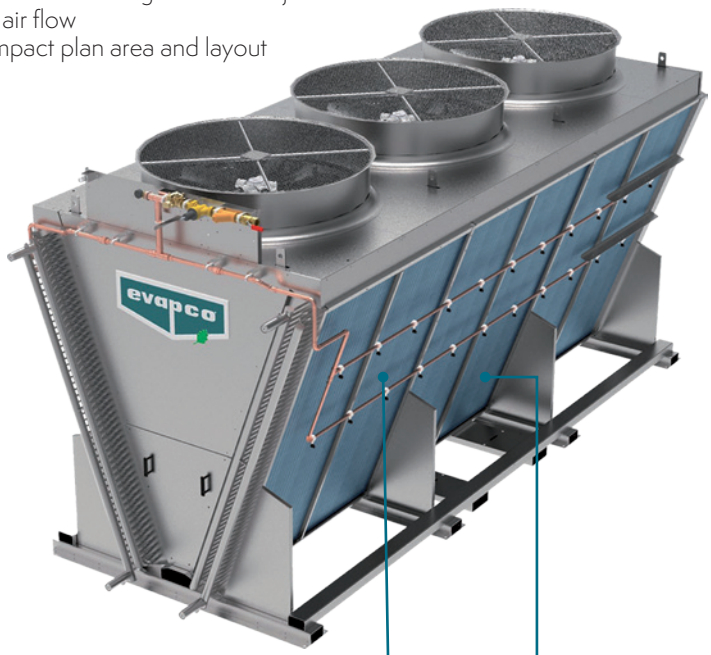
V Coil Models

Structure and Casing

- Standard Z-725 galvanized steel (725 g/m^2 of zinc)
- Stainless steel available for increased corrosion resistance and longevity

- Maximum surface area per footprint
- Optimized coil angle for heat rejection and air flow
- Compact plan area and layout





Inspection Panel (V Coil Models)

- Easily removable for interior inspection and access to coils and fan motors

Heat Exchanger Coil

- Copper tubes with aluminum fins
- Stainless Steel tubes with aluminum fins available
- Multiple fin spacings and tube configurations
- Upgraded fin thickness available
- Coated aluminum fins available for increased corrosion resistance with no impact on unit performance

Adiabatic Pre-Cooling System (optional)

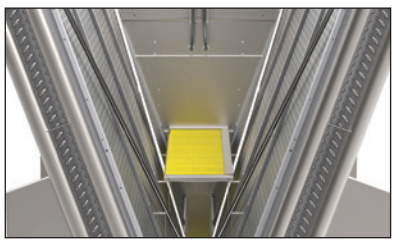
- Wetted pads can be utilized to pre-cool entering air, resulting in greater energy savings, and increased capacity, with minimal water use
- Great for high dry bulb climates and high temperature applications
- Once through design
- No water treatment required
- No cold water basin or pump
- No drift
- V coil models only

Spray Assist System (Optional)

- Peak load cooling solution
- Tangential-flow hollow cone nozzles
- Self-draining copper piping

Coated Fins

- Standard on Spray Models
- Optional on Dry & Adiabatic Models
- Increased corrosion resistance
- No impact on unit capacity



Internal Step Deck (Optional-V Coil Models)

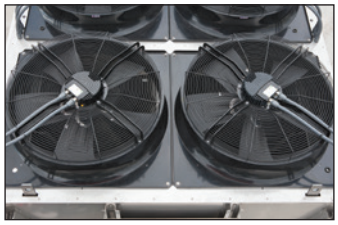
- Platform and grab rail for access to elevated fan section components (2.4 m wide V Coil Models only)

Coil Return Bend Covers

- Protects the coil return bends and the headers during handling and operation

eco-Air Series Design & Construction Features

Advanced Motor Technology - Electronically Commutated (EC) or AC fan motor designs

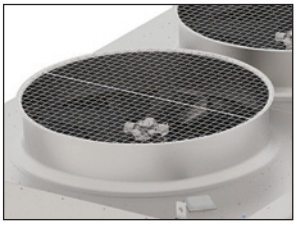


EC

- High Efficiency
- Zero Maintenance
- Integral Speed Control
- Inherently Low Sound

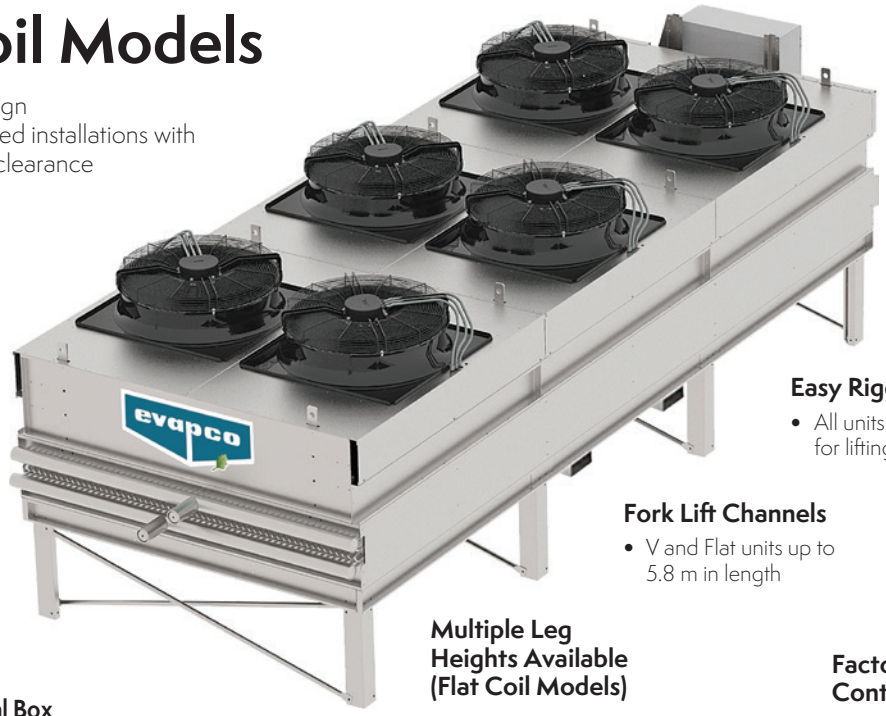
AC

- Premium efficient direct drive
- Zero maintenance permanently sealed bearings
- VFD ready
- Severe Duty



Flat Coil Models

- Low profile design
- Great for elevated installations with bottom airflow clearance



Easy Rigging

- All units are designed for lifting as once piece

Fork Lift Channels

- V and Flat units up to 5.8 m in length

Multiple Leg Heights Available (Flat Coil Models)

Common Terminal Box

- All motors factory wired
- Saves time in the field

Factory Mounted & Wired Controls

- EVAPCO PLC Panel (EC Motors)
- EVAPCO PLC/VFD Panel (AC Motors)
- Single point power connection

Warranty

- 2 years complete unit
- 2 years adiabatic pads (if equipped)
- 2 years spray system (if equipped)
- 2 year EVAPCO Controller and other electrical components (if equipped)

2 Year UNIT WARRANTY

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eco-Air Series Dry Cooler Thermal Performance is CTI certified per STD-201.

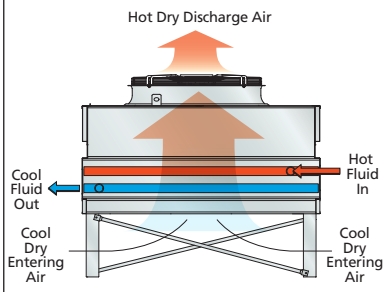
eco-Air Series Design & Construction Features

eco-Air Flat Series

EAW-FD / EAFCD

Low profile, flat, induced draft cooler (EAW-FD) or condenser (EAFCD) with bottom airflow clearance is great for any elevated outdoor application. Available with AC or EC motors.

- **Dry Cooler Thermal Performance is CTI certified per STD-201**
- Runs 100% dry – No water treatment.
- Copper or stainless steel tubes with aluminum fins and Z-725 galvanized steel construction as standard for increased corrosion resistance and longevity.

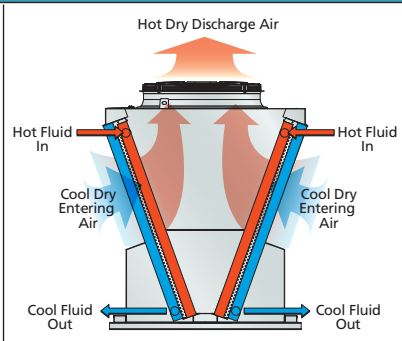


eco-Air V Series

EAW-VD / EAVCD

A dry induced draft cooler (EAW-VD) or condenser (EAVCD) with no water usage, providing maximum surface area per footprint. The innovative design provides optimal cooling while cutting the high costs of water and water treatment. Available with AC or EC motors.

- **Dry Cooler Thermal Performance is CTI certified per STD-201**
- Runs 100% dry – No water treatment.
- Copper or stainless steel tubes with aluminum fins and Z-725 galvanized steel construction as standard for increased corrosion resistance and longevity.

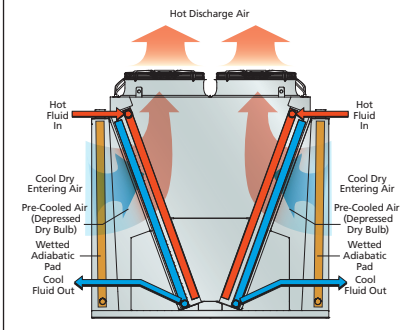


eco-Air Adiabatic Series

EAW-VA / EAVCA

An adiabatic, induced draft cooler (EAW-VA) or condenser (EAVCA), that minimizes water usage while providing maximum heat rejection for any outdoor applications. A pre-cooling system is used to increase the capacity for high dry bulb and high temperature applications. Available with AC or EC motors.

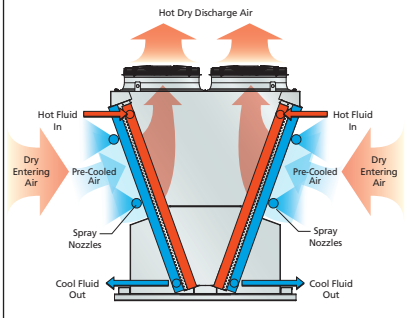
- **Dry Cooler Thermal Performance is CTI certified per STD-201**
- Adiabatic pre-cooling system pre-cools the entering air for increased energy savings and capacity while minimizing water usage.
- Copper or stainless steel tubes with aluminum fins and Z-725 galvanized steel construction as standard for increased corrosion resistance and longevity.



EAW-VS / EAVCS

An adiabatic, induced draft cooler (EAW-VS) or condenser (EAVCS), that minimizes water usage while providing maximum heat rejection for any outdoor applications. A spray assist system is used to increase the capacity for high dry bulb and high temperature applications. Available with AC or EC motors.

- **Dry Cooler Thermal Performance is CTI certified per STD-201**
- Spray assist system pre-cools the entering air for increased energy savings and capacity while minimizing water usage.
- Copper or stainless steel tubes with aluminum fins and Z-725 galvanized steel construction as standard for increased corrosion resistance and longevity.



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