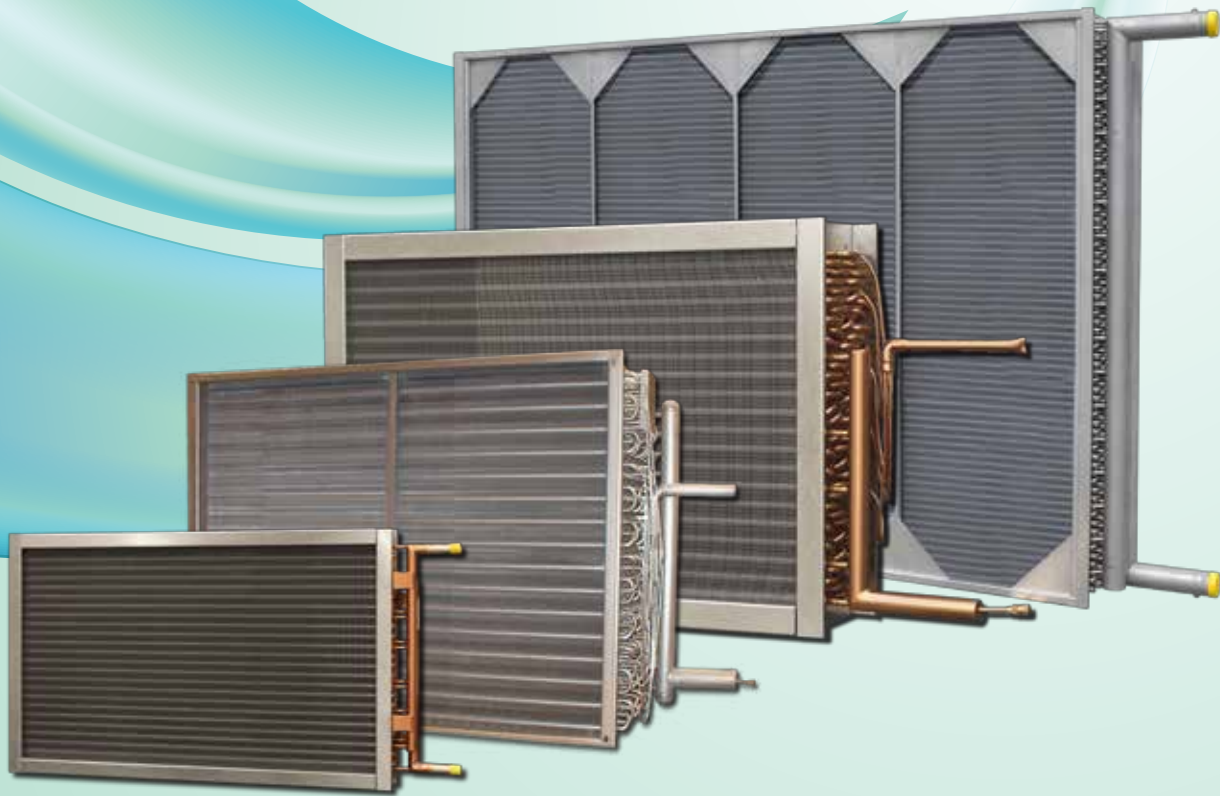


# HEAT EXCHANGERS

Increased Performance • Higher System Efficiency  
Premium Quality • Custom Design





EVAPCO Europe a/s is a wholly owned subsidiary of EVAPCO Inc. Since its founding in 1976, EVAPCO Inc. has become an industry leader in the engineering and manufacturing of quality heat transfer products around the world. EVAPCO's mission is to provide first class service and quality products.



## Get to Know EVAPCO

- Serving the Commercial HVAC, Industrial Refrigeration, Power Generation, and Industrial Processing markets
- Founded in 1976
- Employee-owned
- 24 manufacturing facilities in 10 countries
- More than 170 sales offices worldwide

## A wide range of products for:

- Offshore
- Power
- Commercial HVAC
- District Heating/Cooling
- Dairy/Food
- Exhaust gas/fumes
- Sea or ground water
- Ammonia
- Corrosive media
- High pressure
- Industrial process

## The flexibility of EVAPCO Air Solutions

EVAPCO Europe a/s supplies coils in many sizes and material combinations in accordance with the needs, wishes and requirements of our customers.

## Vision

EVAPCO is one global team, united to be universally recognized as the superior provider of a full spectrum of heat transfer solutions.

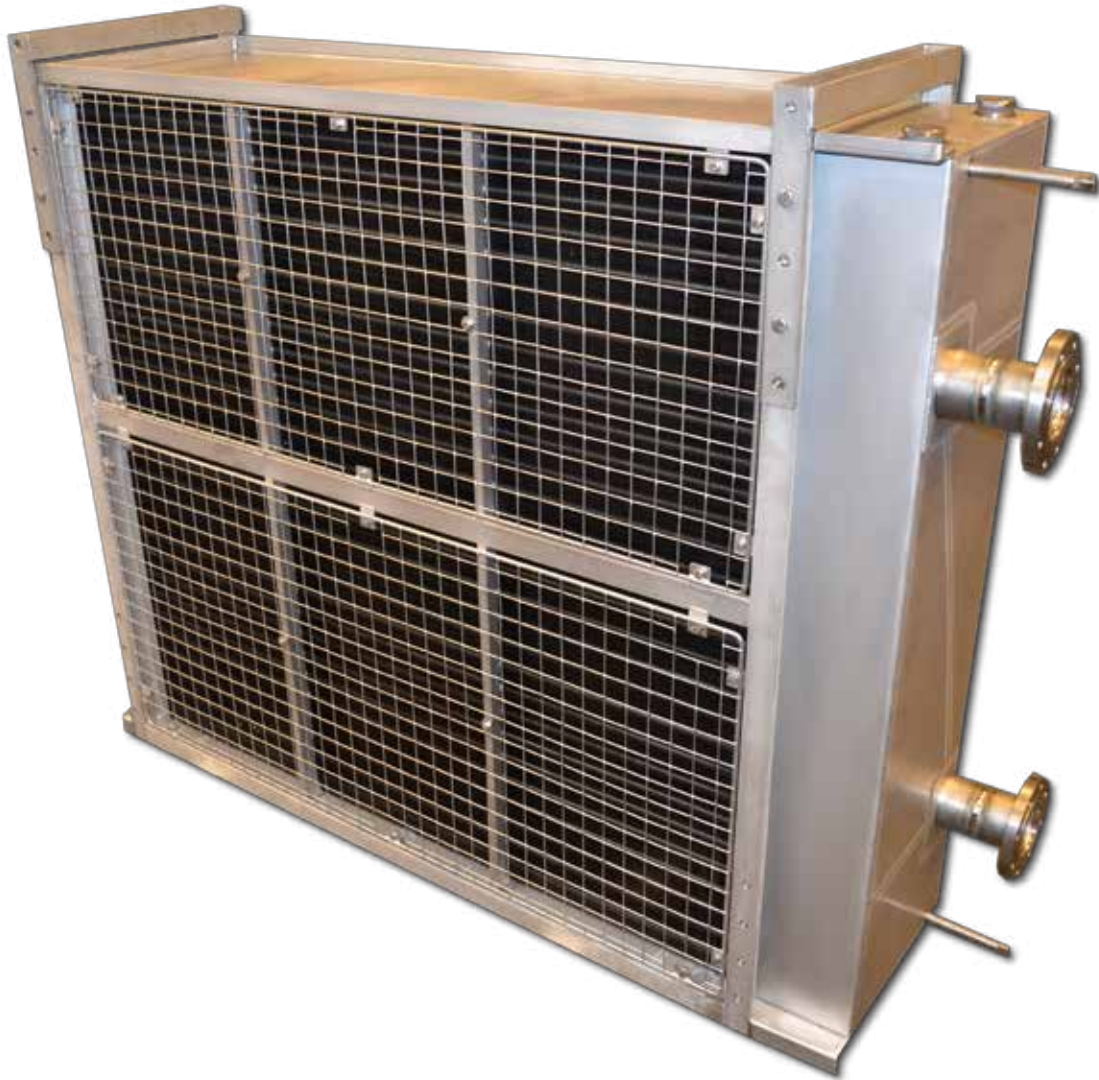
## Mission

EVAPCO is more than a company name – it is the team you can count on for a lifetime. We are a manufacturer of high quality, innovative products and services that thrives through our core principle of treating people right. We are empowered by a culture of excellence and an environment of continuous improvement. We put people first, fellow employees and customers alike. We shine through expert craftsmanship and passionate dedication to fanatical customer service. We are EVAPCO - we are your team not just for a lifetime, but for generations to come.

# f flexibility

## Flexibility at its best

Heating and Cooling Coils come in all shapes and sizes. Depending on the application and design criteria, Coil geometries can span a wide range of material choices and configurations.



Only the customer's imagination sets the limit



# Materials

## Add value with EVAPCO Air Solutions

The right material at the right price. Our large selection of materials gives complete flexibility for best heat transfer and construction concerns. EVAPCO versatile manufacturing capabilities allow stocked materials to be readily selected with limited delivery restraints.



## Frame Material options

- Galvanized steel (Z-275) - Standard frame material for most applications
- Alu Zink (AlZn) - Offers more protection than Galvanized steel (Z-275)
- Aluminium Magnesium (AlMg3) - Light weight material that provides extra protection above (AlZn)
- Stainless Steel (AISI 304) - Good choice for corrosive environments
- Stainless Steel (AISI 316) - Ideal for harsh and coastal environments

## Coil Tubes and Headers

- Copper (Cu) - Excellent thermal and corrosive properties for most applications
- Aluminium (Al) - Excellent choice for special applications such as deionized water
- Stainless Steel (AISI 304) - Ideal for corrosive environment or industrial applications
- Stainless Steel (AISI 316) - Used in food process applications or coastal environments
- Titanium (Ti) - Very durable and lightweight. Ideal for use in cooling systems where sea water is circulated inside the tubes

## Fins

- Aluminium (Al) - Excellent mechanical and thermodynamic properties
- Copper (Cu) - Heavy material with excellent thermodynamic properties and corrosion resistance
- Copper Tinned (CuSn) - Offers extra protection over ordinary copper
- Alu Magnesium (AlMg) - Good corrosion resistance in coastal environments
- Stainless Steel (AISI 304) - Ideal for corrosive environment or industrial applications
- Stainless Steel (AISI 316) - Used in food processing or harsher environments than (AISI 304)
- Aluminium Hydrophilic (AlHy) - Ideal for adiabatic spray systems due to water-loving characteristics
- Epoxy coated Aluminium (AlEP) - Alternative choice to (AlMg) and suitable for certain corrosive environments

# Geometry

Geometry	Tube Materials	Tube Thickness	Dimensions
A $\varnothing 15$	<ul style="list-style-type: none"> <li>Copper (Cu)</li> <li>Aluminium (Al)</li> <li>Stainless Steel (AISI 304)</li> <li>Stainless Steel (AISI 316)</li> <li>Titanium (Ti)</li> </ul>	0.38 / 0.75 mm 1.25 mm 0.60 mm 0.60 mm	
B $\varnothing 15$	<ul style="list-style-type: none"> <li>Copper (Cu)</li> </ul>	0.38 / 0.75 mm	
C $\varnothing 15$	<ul style="list-style-type: none"> <li>Copper (Cu)</li> <li>Stainless Steel (AISI 304)</li> <li>Stainless Steel (AISI 316)</li> </ul>	0.38 / 0.75 mm 0.60 mm 0.60 mm	
Z $\varnothing 10$	<ul style="list-style-type: none"> <li>Copper (Cu)</li> </ul>	0.28 / 0.50 mm	

# Offshore

Seawater is often used as the cooling medium in offshore air handling units. Since the water will circulate through the cooling coil, titanium is the material of choice. Titanium coils from EVAPCO are selected, designed and manufactured to meet the demands for offshore installations. The material selection, welding and fabrication processes all require proper attention to obtain the quality results required for this environment.

## Fields of application

- Offshore / Marine
- Industrial process
- Corrosive environments



EVAPCO is one of the leading suppliers of Titanium heat exchangers for harsh environments that demand extra durable products

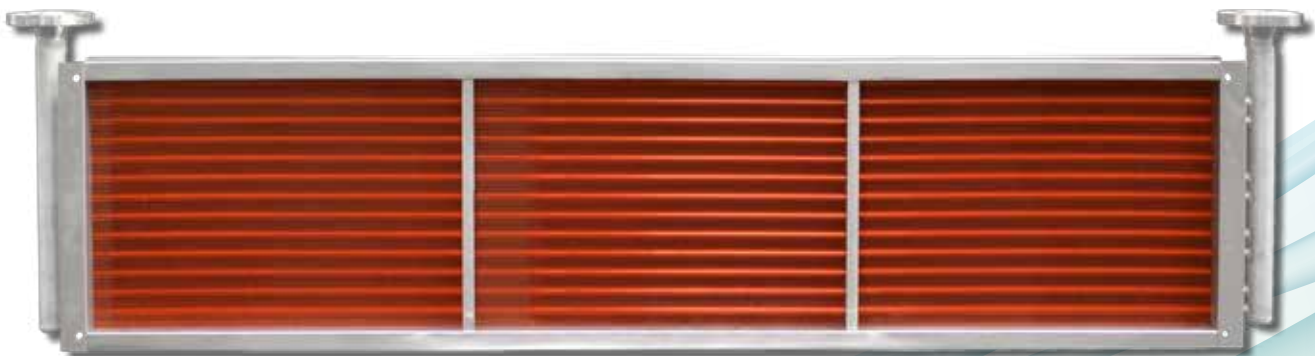
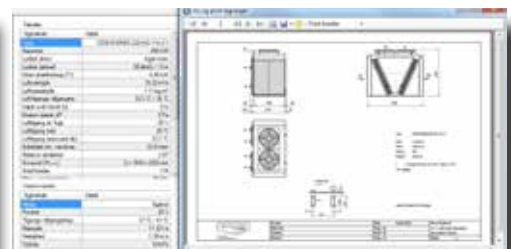
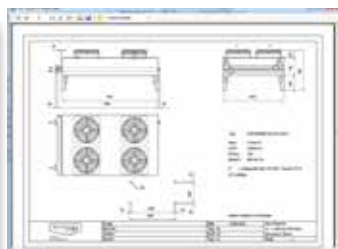
# CoilCalc

EVAPCO's CoilCalc selection software is where your custom selection begins. CoilCalc allows the user to input the system values and customize the unit for specific conditions. Material selections, fin configuration, fin spacing, fans and many other unit characteristics can be chosen when making a selection.

Products available in CoilCalc:



- Fluid heating/cooling coils
- Condenser coils
- Evaporator coils
- Steam coils
- Heat recovery system coils
- Dry coolers
- Sandwich coolers
- Air cooled condensers
- Adiabatic coolers
- Adiabatic condensers





OUR PRODUCTS ARE MANUFACTURED WORLDWIDE.



- ★ World Headquarters/  
Research and  
Development Center
- EVAPCO Facilities

## Get to Know EVAPCO

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Committed to making life easier, more reliable and more sustainable for people everywhere