

# EVAPCO FOR LIFE

Full Spectrum Global Solutions

## GLOBAL PRODUCT CATALOG



Since 1976  
An Employee-Owned Company

Commercial HVAC | Industrial Refrigeration |  
Power Generation | Industrial Process

## EVAPCO for LIFE

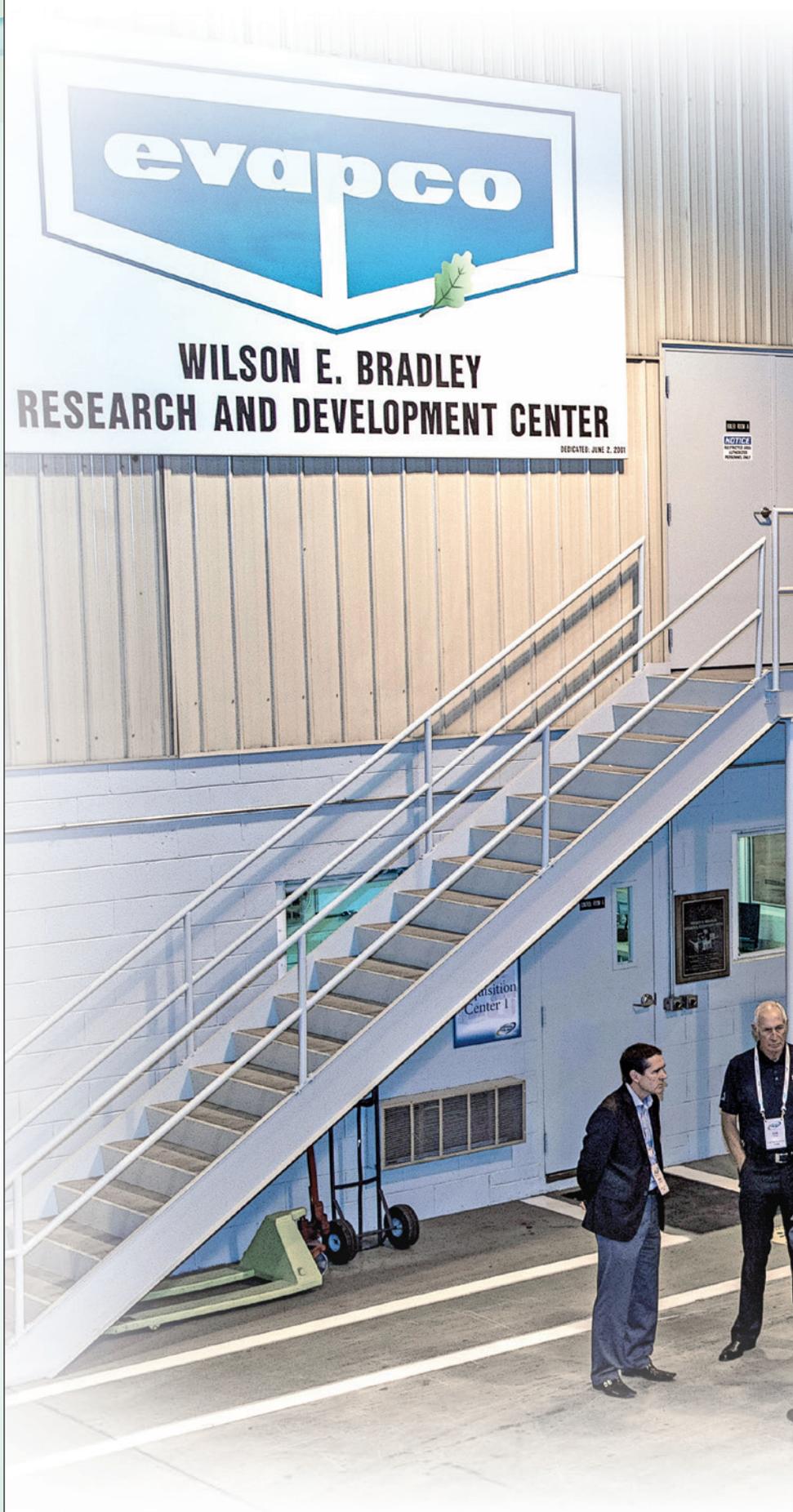
EVAPCO is more than a name. We are the global innovator in heat transfer solutions for the commercial HVAC, industrial refrigeration, power and industrial process markets. We pledge to make everyday life easier, more comfortable, more reliable and more sustainable for people everywhere.

## OUR COMMITMENT

We never stop innovating. We set out to find groundbreaking solutions that transform the way the world works for the better. It's why we have more than 200 active patents worldwide. We also guarantee performance and put every solution through rigorous research and testing to ensure maximum efficiency and reliability.

## PROTECTING THE ENVIRONMENT

Innovation and environmental sustainability go hand-in-hand at EVAPCO. Our industrial heat transfer equipment not only conserves natural resources and helps reduce noise pollution, but also features recycled steel content in construction. Our stainless steel units are constructed of panels that contain up to 75% of recycled content and our galvanized units contain over 80%. From sound reduction to water conservation to chemical elimination, we are developing new technologies that deliver ultimate operating advantages to our clients while protecting the planet for every generation to come.





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## Welcome to EVAPCO...

We are pleased to offer a full spectrum of heat transfer product solutions from 100 percent evaporative to 100 percent dry. These products are available in a wide range of sizes from the smallest factory assembled units to the largest field-erected products ... all available on a worldwide basis. We are quite proud of our full spectrum of global product solutions!

As a respected leader in evaporative cooling technologies, our commitment to Research and Development has led to innovative solutions for our constantly changing world. Solutions that are energy efficient, conserve water, and comply with local regulations.

But that isn't only what makes EVAPCO stand out above the rest. What sets EVAPCO apart from other manufacturers in the Commercial HVAC, Industrial Refrigeration, Power Generation and Industrial Process markets all points back to our team, the EVAPCO family, of which you are a vital part.

EVAPCO associates are fiercely loyal to each other, to our representatives and, most importantly, to the people they serve. We recognize that our customers are at the center of our success and we never take for granted the level of trust that you put in us when it comes to your heat transfer needs.

We demand excellence in everything that we do and we are committed to delivering the highest quality services and products. We're here to make your job easier, to be your partner, and to exceed your expectations.

EVAPCO for Life sums up our commitment. It is our promise that we will always provide you with the most innovative and most reliable products, created and built by the best people in the industry. By choosing EVAPCO, you're letting us know that we're doing the best job possible for you.

We thank you, not only for your business, but for inspiring our message. By working together with you, EVAPCO has been able to consistently breed a level of innovation, craftsmanship, and professionalism that our competitors find difficult to match! We couldn't do it without you!

Very sincerely yours,

A handwritten signature in black ink that reads "William G. Bartley". The signature is written in a cursive style with a large, sweeping flourish at the end.

William G. Bartley  
President and CEO

## FULL SPECTRUM GLOBAL SOLUTIONS

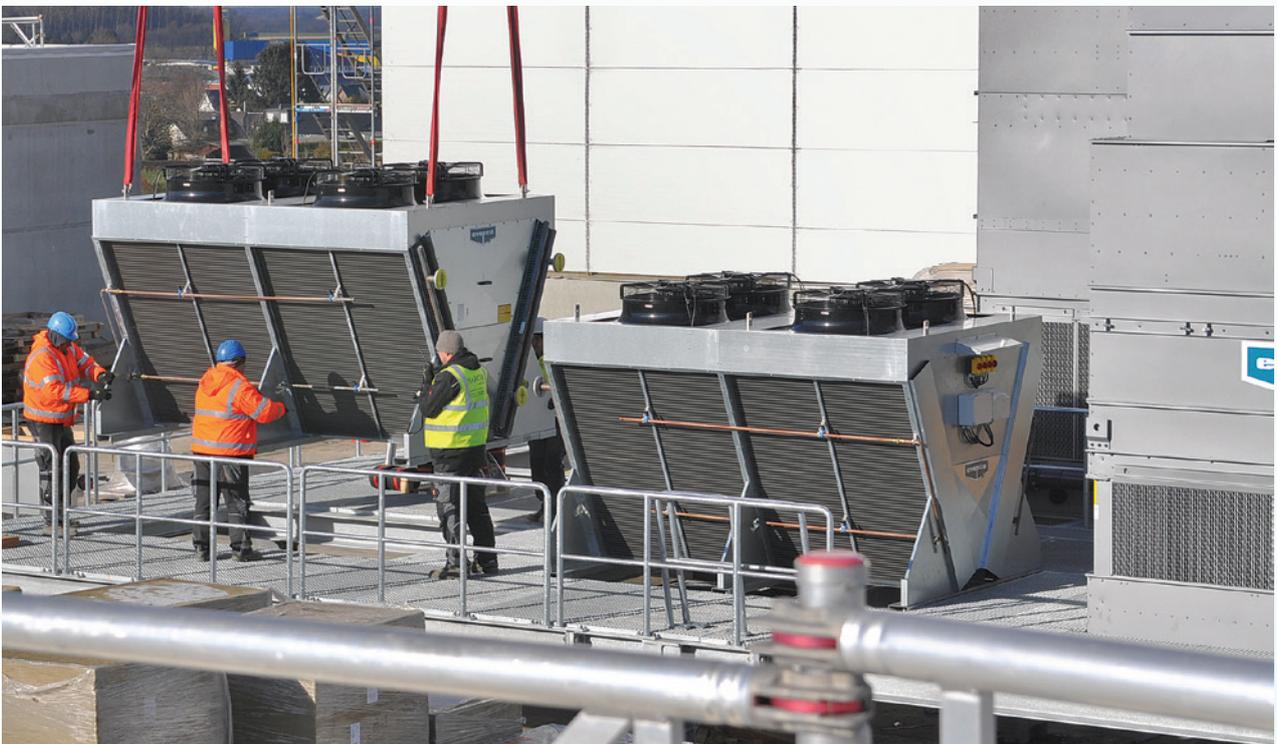


EVAPCO provides a full spectrum of global product solutions for the Commercial HVAC, Industrial Refrigeration, Power Generation and Industrial Process markets.

From the smallest factory assembled cooling tower to the largest field erected air-cooled steam condenser, we offer heat transfer products designed to meet the water and energy requirements for any project. We are committed to providing solutions that are energy efficient and conserve water.

Our latest heat transfer solutions are the factory-assembled eco-Air Series of Dry Coolers, Air Cooled Condensers and Adiabatic Coolers and Condensers. The eco-Air Series completes our successful eco-family of closed circuit coolers and condensers with water-saving dry and adiabatic technology.

As an industry leader in third-party performance certifications, our fully-rated products enable you to operate your cooling systems efficiently and with complete peace of mind.



EVAPCO Air Solutions V Series, Germany

# CLOSED CIRCUIT COOLERS

## Dry/Adiabatic

The eco-Air Series of Closed Circuit Coolers provides 100 percent dry or adiabatic heat rejection.



**eco-Air Flat Series**  
Air Cooled Fluid Cooler



**eco-Air V Series**  
Air Cooled Fluid Cooler



**eco-Air Adiabatic Series**  
V Series Air Cooled Fluid Cooler  
with Adiabatic Pads



**eco-Air Spray Series**  
V Series Air Cooled Fluid Cooler  
with Adiabatic Spray System

## Factory Assembled Induced Draft

The eco-ATWB line of Closed Circuit Coolers has been specifically designed to dramatically increase both the evaporative and dry modes of cooling. With this revolutionary design, the eco-ATWB's will save water and energy by increasing the unit's efficiency.



**eco-ATWB**  
Water-Conserving  
Advanced Technology



**eco-ATWB-E**  
Water & Energy-Conserving  
Advanced Technology



**eco-ATWB-H**  
Optimum Wet/Dry Hybrid Technology



**ESW4**  
Ideal for wet cooling  
applications where thermal  
and energy efficiency is of  
utmost concern.



**ATWB**  
The original Advanced Technology  
provides an induced-draft, axial fan  
solution for a wide array of cooling  
applications. Also available in 7' wide  
containerized boxes.



eco-ATWB-H Closed Circuit Cooler installation

## Factory Assembled Forced Draft

The LSWE and LRWB are the industry standard in low-sound, centrifugal fan, forced-draft closed circuit coolers.



**LSWE**  
Low Sound  
Centrifugal Fan



**LRWB**  
Low Profile | Low Sound  
Centrifugal Fan

These water saving eco-units offer improved dry operation on projects with indoor/ducted or confined layouts and low sound requirements.



**eco-LSWE**  
Low Sound  
Water Conserving  
Centrifugal Fan



**eco-LRWB**  
Low Profile  
Water Conserving  
Centrifugal Fan



ATW Closed Circuit Cooler with optional Smart Shield Water Treatment System

# COOLING TOWERS



AT Cooling Tower with optional stainless steel basin.

## Factory Assembled Induced Draft

EVAPCO's state-of-the-art induced draft cooling technology delivers superior operating advantages in any climate. From performance to maintenance, these solutions simply work harder. Choose from a selection of counterflow cooling towers, or the available crossflow options.



**AT**  
Advanced Technology



**AXS**  
The Advanced Crossflow Series of Cooling Towers is great for large capacity installations.

## Factory Assembled Forced Draft

These centrifugal fan cooling towers are utilized in low noise, high static, or ducted applications and are a good solution for tight enclosures.



**LSTE**  
Low Sound Centrifugal Fan



**LPT**  
Low Profile | Low Sound Centrifugal Fan

## Modular Induced Draft

Designed in large modules for ease of installation and reduced field assembly, the AT Atlas is the most energy efficient modular cooling tower on the market.



**AT ATLAS**  
Modular Induced Draft Counterflow



AT Atlas large-scale installation.

# CONDENSERS

## Air Cooled/Adiabatic

Available in a wide range of footprints, motor types, control options and capacities, this complete line of Air Cooled/Dry and Adiabatic products offers unparalleled flexibility.



**eco-Air Flat Series**  
Air Cooled Condenser



**eco-Air V Series**  
Air Cooled Condenser



**eco-Air Adiabatic Series**  
V Series Air Cooled Condenser  
with Adiabatic Pads



**eco-Air Spray Series**  
V Series Air Cooled Condenser  
with Adiabatic Spray System

## Factory Assembled Induced Draft

EVAPCO condensers are equipped with low pressure drop and high capacity Thermal-Pak® II Coil design. The patented Ellipti-fin® coil technology further enhances our industry leading performance while saving on water consumption.



**ATC-E**  
Advanced  
Technology Series



**eco-ATC-A**  
Water Conserving  
Advanced Technology



**ATC-DC**  
Optimum Wet/Dry  
Hybrid Technology



**PHC-E**  
Great for large industrial refrigeration  
projects, the PHC-E offers layout flexibility  
and reduced piping.



ATC-E Evaporative Condensers with external service platform.

## Factory Assembled Forced Draft

These products represent the benchmark of industrial refrigeration condenser design. Low noise centrifugal condensers complement the forced draft product offerings.



**PMC-E**  
Low Power Axial Fan



**LSC-E**  
Low Sound Centrifugal Fan



**LRC**  
Low Profile | Low Sound  
Centrifugal Fan

The same features and benefits of the PMC line but utilizing patented Ellipti-fin® coil technology to offer water savings benefits.



**eco-PMC**  
Water Conserving Low Power  
Axial Fan



PMC-E Evaporative Condenser with external service platform.

# WATER TREATMENT SYSTEMS

## Water Solutions



**Pulse~Pure®**  
Chemical-free,  
environmentally conscious  
water treatment systems.



**Water Saver™**  
Pretreatment system for  
evaporative cooling equipment.



Factory-mounted System.



Modular Design Field Installation

**Smart Shield®**  
Reliable, sustainable, solid chemistry  
water treatment system.



AT Cooling Tower with optional Pulse~Pure® non-chemical water treatment system



Smart Shield® Factory-Mounted Water Treatment System

## EvapTech – Field Erected Cooling Towers



EvapTech Cooling Towers



**Series EC**  
Custom Counterflow



**Series EC**  
Custom Counterflow



**Series EX**  
Custom Crossflow



Reconstruction services



**EvapDri**  
Plume abatement & water conservation



**Series ECC**  
Concrete Counterflow



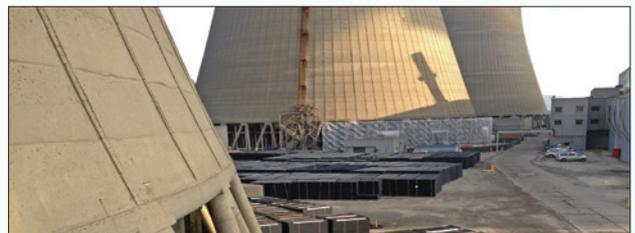
**Series ECB**  
Back-to-Back Counterflow



**Series ES & ESP**  
FM Approved Counterflow



EvapTech Asia Pacific



Major projects/Natural draft refurbishments

## EVAPCO Dry Cooling – Dry Cooling Technology



### EVAPCO Dry Cooling Air Cooled Steam Condensers



Two condensers, one structure



250-ton double fan module transportation



Butterfly arrangement to reduce overall height



Custom engineered systems



Turn-key solutions



Modularization for efficient installations



A strong focus on minimizing costs for traditional construction



V Series with spray, Denmark

## Dry/Adiabatic & Heat Exchangers

The eco-Air Series of air cooled and adiabatic condensers offers unparalleled flexibility in a wide range of capacities, footprints, motor types and control options.



**F Series**  
Air-Cooled Condenser or Fluid Cooler



**VFW**  
Air Cooled Condenser or Fluid Cooler



**V Series**  
Air-Cooled Condenser or Fluid Cooler Adiabatic Pads

## Coil Options



Copper/Aluminum Coils



Stainless Steel and Custom Coils



Titanium Coils

# THERMAL ICE STORAGE SYSTEMS

## Environmentally Friendly Technology

Thermal ice storage provides many environmentally-friendly opportunities that are a result of reduced peak electrical demand. Ice storage shifts power demand to low-cost periods thereby reducing energy costs.



**ICE-PAK®**  
Ice-Chilled Energy Storage Units



**Ice Coils**



EVAPCO Ice Coils

# REPLACEMENT PARTS

EVAPCO is your best parts source for all evaporative and dry cooling equipment

Any Part, Any Manufacturer, Any Time

Available parts include ...



... and many more

## MR. GOODTOWER® SERVICE CENTERS



Mr. GoodTower®

Specialists in the Restoration and Upgrade of All Types of Evaporative Cooling Equipment



Improve thermal performance with high efficiency fill



Improve safety and access with service platforms



Maintain operational integrity with new mechanical components

# U.S. LOCATIONS



**EVAPCO, Inc.**  
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Taneytown, Maryland



EVAPCO Key Building, Taneytown, Maryland



EvapTech, Inc., Edwardsville, Kansas



EVAPCO Dry Cooling, Bridgewater, New Jersey



EVAPCO Midwest, Greenup, Illinois



EVAPCO Newton, Newton, Illinois



EVAPCO Alcoil, York, Pennsylvania



Evapcold Manufacturing, Greenup, Illinois



Tower Components, Inc., Ramseur, North Carolina



EVAPCO Iowa, Lake View, Iowa



RVS Corporation, Bryan, Texas



EVAPCO West, Madera, California

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FanTR, São Paulo, Brazil



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Evap Egypt Engineering Industries Co., Cairo, Egypt



EVAPCO Air Solutions, Aabybro, Denmark



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EVAPCO Australia (Pty.) Ltd., Riverstone, NSW  
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EVAPCO (Beijing) Refrigeration Equipment Co.,  
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