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 28 patents worldwide in the last 10 years alone. 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.
Who We Are                      2
Table of Contents                3
Welcome                          4
Full Spectrum Global Solutions   5
Closed Circuit Coolers          6
Cooling Towers                  8
Condensers                      10
Evaporators                     12
Hygienic Air Handling Units     14
Evapcold                        15
RVS–ASME Pressure Vessels       16
Water Treatment Systems         17
EVAPCO Power                    18
    EvapTech                    18
    EVAPCO Dry Cooling         19
EVAPCO Denmark                  20
Thermal Ice Storage Systems     21
EVAPCO Alcoil                   22
Replacement Parts               23
Mr. GoodTower Service Centers   23
Tower Components, Inc.          24
Fiberglass Pultrusions           24
FanTR                           25
U.S. Manufacturing Plants       26
International Manufacturing Plants  27
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,

William G. Bartley
President and CEO

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.
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

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

ESWA/ESWB

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.

MTW

FRP Molded Construction [International Markets Only]
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

eco-LSWE
Low Sound Water Conserving Centrifugal Fan

deco-LRWB
Low Profile Water Conserving Centrifugal Fan

These water saving eco-units offer improved dry operation on projects with indoor/ducted or confined layouts and low sound requirements.
The AT Cooling Tower Series features state-of-the-art induced draft countercflow cooling technology to deliver superior operating advantages in any climate. From performance to maintenance, they simply work harder. Also available in 7’ wide containerized boxes.

**Factory Assembled Induced Draft**

- **AT** Advanced Technology
- **USS/UAT** Ultra Stainless Steel
- **UT** Ultra Quiet

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

**SUN** EVAPCO continues its dedication to energy efficiency improvements with solar panel technology.

**MTT** FRP Molded Construction (International Markets Only)
These centrifugal fan cooling towers are utilized in low noise, high static or ducted applications and are a good solution for tight enclosures.

**Factory Assembled Forced Draft**

**LSTE**
Low Sound Centrifugal Fan

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

**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 Performance

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

**MTC-A**
FRP Molded Construction (International Markets Only)
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

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

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

PMC-E Evaporative Condenser with external service platform.
Enjoy industrial, low maintenance and easy-to-clean cooling in your food storage and processing facilities with EVAPCO’s Superior Stainless Technology-B series evaporators, the only independently certified thermal performance and power rated offering available today.

**Ceiling Hung Solutions**

Enjoy industrial, low maintenance and easy-to-clean cooling in your food storage and processing facilities with EVAPCO’s Superior Stainless Technology-B series evaporators, the only independently certified thermal performance and power rated offering available today.

- **SSTMB**  
  Medium Capacity Unit Coolers

- **SSTHB**  
  Reduced Charge Medium to Large Hybrid Product Cooler

- **SSTLB**  
  Large Capacity Product Coolers

- **SSTXB**  
  Low Profile Unit Coolers

- **SSTWB**  
  Low Velocity Hygienic Workroom Units

- **SSTDB**  
  Dual Coil Low Profile Unit Coolers

*These models fall outside the scope of the AHRI Unit Coolers Certification Program but are rated in accordance with AHRI Standard 420.

**Ultra Low Charge Designs**

Complete with small diameter internally enhanced tubes, these evaporators are designed for applications where minimum refrigerant charge is of utmost importance.

- **SSTSB**  
  Medium Capacity Unit Coolers

- **SSTEB**  
  Low Profile Unit Coolers
We offer a broad range of unit configurations, engineering expertise and manufacturing capability to design and build virtually any type of non-cataloged custom coil or special unit.

**Custom Design Capabilities**

*Draw Through Coils with Inlet Air Filters*

*Stacked Blast Freezer Evaporator*

*Spiral Blast Freezer Evaporator*

SSTWB Work-Room Evaporators
Hygienic Cooling & Dehumidification

Engineered to deliver conditioned, purified air to critical food preparation, production and packaging areas in your facility. Allow us to solve your hygienic air handling needs with options ranging from HEPA filtration, UV lights, fully wash down welded stainless construction, room pressurization and many more.

CPA
Critical Process Air Systems

SSTP
Penthouse Evaporators

EDF
Make-Up Air Systems
Packaged Low Charge Ammonia Refrigeration Systems

Requiring just a fraction of the refrigerant charge associated with traditional field-built systems, each low charge ammonia refrigeration Evapcold system is expertly crafted as a single-source, quick-to-install solution.

LCR-P-W
Penthouse Refrigeration System
Water Cooled or Air Cooled

LCR-P-A
Penthouse Refrigeration System
Air Cooled & Adiabatic Cooled

LCR-C
Packaged Ammonia Chiller
Refrigeration Packages & ASME Pressure Vessels

Our variety of ASME pressure vessels and recirculation packages offer the latest in microprocessor technology with the Matrix II providing total control for recirculator package pumps, level control and liquid make-up for vessels and system alarms.

- **MRP**
  Vertical & Horizontal Liquid Recirculator Package

- **MPC**
  Semi-Welded Plate Chiller Package

- **MVI & MVA**
  Intercooler & Accumulator Package

**Matrix II**
Microprocessor™ Control Panel

**Custom Oil and Gas Vessels and Packages**
WATER TREATMENT SYSTEMS

**Pulse-Pure®**

Chemical-free, environmentally conscious water treatment systems.

**Smart Shield®**

Reliable, sustainable, solid chemistry water treatment system.

Factory-mounted System

Modular Design Field Installation

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

Smart Shield® Water Treatment System
EvapTech – Field Erected Cooling Towers

EvapTech Cooling Towers

Series EC
Custom Counterflow

Series ECC
Concrete Counterflow

Series EC
Custom Counterflow

Series ECB
Back-to-Back Counterflow

Series EX
Custom Crossflow

Series ES & ESP
FM Approved Counterflow

Reconstruction services

EvapDri
Plume abatement & water conservation

EvapTech Asia Pacific

Major projects/Natural draft refurbishments
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
**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 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
Our brazed aluminum heat exchangers for the HVAC/R and Industrial Process markets use Advanced MicroChannel Technology. This innovative technology offers higher performance, smaller size and features and capabilities not found in traditional fin/tube heat exchangers.

**C Series**
Condensers

**E & HP Series**
Evaporator & Heat Pump

**F Series**
Fluid & Chilled Water

**Replacement Coils**
HVAC/R Equipment

**MicroCoil Series**
Serpentine Coils

**Coil Technology**

MicroChannel Extrusion

Controlled Atmosphere Brazing Furnace
REPLACEMENT PARTS

EVAPCO is your BEST parts source for all evaporative and dry-cooled cooling equipment

Any Part, Any Manufacturer, Any Time
Available parts include ...

... and many more

MR. GOODTOWER® SERVICE CENTERS

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
TOWER COMPONENTS, Inc.

**Film Fills**

- **TechClean Fill**
  Offset Vertical Fluted
  High Efficiency
  Counterflow Film Fill

- **Evap-Pak 1200/Opti-Pac 1200 Fill**
  The Highest Efficiency Film Fill Available for Counterflow Applications

- **Opti-Pac 7500 Fill**
  Crossflow Fill Integrated Louver and Drift Eliminator
  (Bottom supported crossflow fill packs replace OEM Hanging Sheets)

**Wastewater Media**

- **Opti-Pac**
  1200/1900/3000 & VF 30
  Modules for Use in Wastewater Applications

**Splash Fills**

- **Opti-Bar**
  High Efficiency Bar Style Splash Fill

- **ArchBar**
  Long Spanning, High Efficiency Bar Style Splash Fill

- **Opti-Grid**
  High Efficiency Splash Fill Designed for Performance, Strength & Versatility

**Drift Eliminators**

- **DriAir 80**
  High Efficiency Cellular Drift Eliminator for Counterflow & Crossflow Applications

- **DriAir 150**
  Cellular Drift Eliminator for Counterflow & Crossflow Applications

**FIBERGLASS PULTRUSIONS**

Fiberglass materials provided exclusively to EvapTech and its subsidiaries
FanTR

Fans for Cooling Systems

- Super Low Sound Fan Series SLSF
- Aluminum Fan Series
- NCR/NCR Series Fan
  Super High Efficiency

Fans for Ventilation Systems

- Main Ventilation System TVA Series Fan
  High Efficiency
- Road Way Ventilation System – FRP
  High Temperature Class
- Secondary Ventilation System – TJF
  High Efficiency

Ventilation System for Special Applications

- Wind Tunnel
- Blades in Carbon Fiber Kevlar for Ventilation of Electric Power Generators
- Rotor for Wind Tunnel Wireless Controlled
U.S. LOCATIONS

EVAPCO, Inc.
World Headquarters & Research Center
Taneytown, Maryland

EVAPCO Midwest, Greenup, Illinois
EvapTech, Inc., Edwardsville, Kansas
EVAPCO Iowa, Lake View, Iowa
Evacold, Greenup, Illinois
EVAPCO Newton, Newton, Illinois

EVAPCO Dry Cooling, Bridgewater, New Jersey
EVAPCO Alcoil, York, Pennsylvania
EVAPCO West, Madera, California
RVS Corporation, Bryan, Texas
Tower Components, Inc., Ramseur, North Carolina
INTERNATIONAL LOCATIONS

EVAPCO Europe BVBA
European Headquarters
Tongeren, Belgium

EVAPCO Brasil Equipamentos Industriais Ltda., São Paulo, Brazil

FanTR, São Paulo, Brazil

EVAPCO Air Solutions, Aabybro, Denmark

Beijing EVAPCO Refrigeration Equipment Co., Ltd, Beijing, China

EVAPCO Europe, S.r.l., Milano, Italy

EVAPCO Europe, S.r.l., Sondrio, Italy

EVAPCO S.A. (Pty) Ltd., Isando, South Africa

Evap Egypt Engineering Industries Co., Cairo, Egypt

EVAPCO Composites, Selangor, Malaysia

EVAPCO Australia (Pty.) Ltd., Riverstone, NSW Australia

EVAPCO Asia/Pacific Headquarters
Shanghai, China