

evapco

for **LIFE**

INDUSTRIAL REFRIGERATION



**THE FULL SPECTRUM SUPPLIER OF INDUSTRIAL
REFRIGERATION EQUIPMENT & SOLUTIONS**

The Single Source Natural Leader for **LIFE**

Since 1976 | An Employee-Owned Company



for LIFE

Get to Know EVAPCO

Since its founding in 1976, EVAPCO, Incorporated 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 for the following markets:

- **Industrial Refrigeration**
- Commercial HVAC
- Industrial Process
- Power

These quality products for the industrial refrigeration market include: refrigerant condensers, cooling towers, closed circuit coolers, evaporators, hygienic air handlers, packaged low charge ammonia systems, transcritical CO₂ rack systems, ASME pressure vessels and packages, water conservation and treatment systems, and controls and automation.

The EVAPCO Wilson E. Bradley Research & Development Center

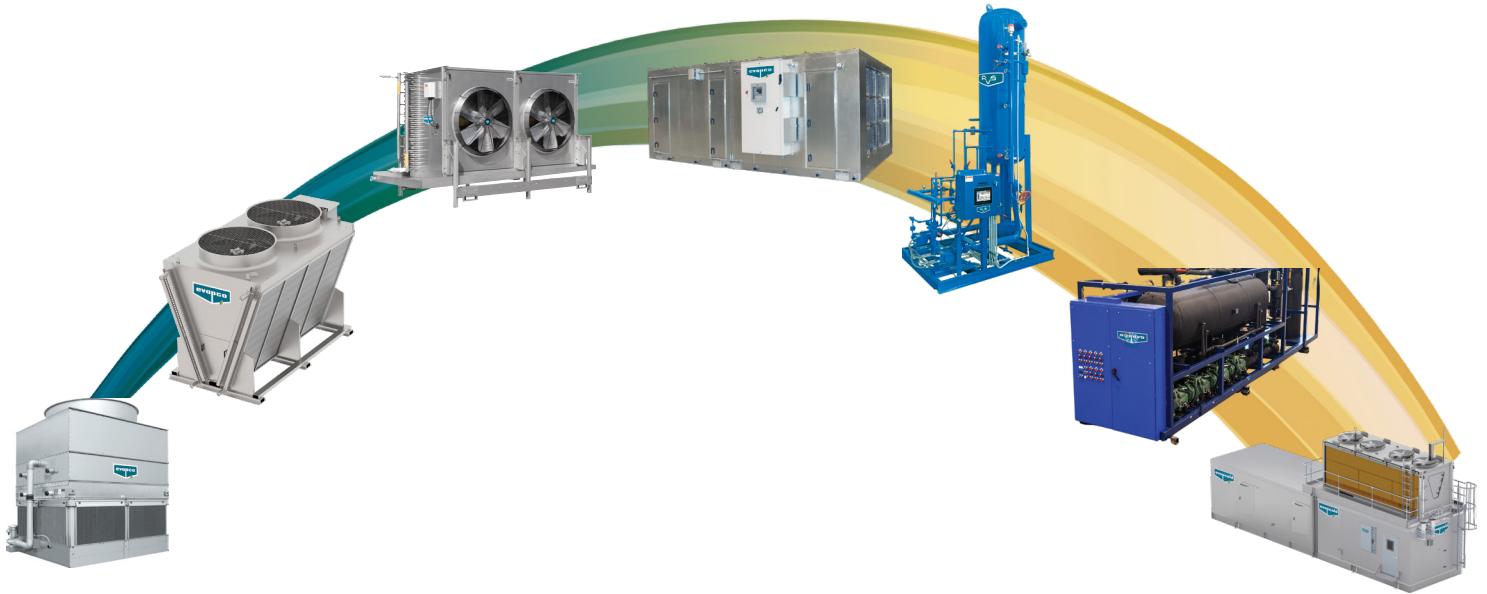
Featuring a state-of-the-art, low-temperature, insulated environmental test chamber and a fully functional ammonia refrigeration System. Designed to operate at suction temperatures as low as -60°F, the EVAPCO Research & Development Center enables us to find groundbreaking solutions for the industry's biggest challenges. The newest addition to EVAPCO's R&D center is an enhanced CO₂ testing capability.



EVAPCO Global Headquarters, Taneytown, Maryland USA



Full Spectrum Global Solutions



EVAPCO is focused on making the Food, Beverage, Ice Rink, and Cold Chain industries more sustainable, reliable and energy efficient. We are your One-Stop-Shop for a Full Spectrum of Refrigeration Equipment Solutions, from evaporative to completely dry air-cooled condensers, to small unit coolers, evaporators and custom designed hygienic air handlers. Whether it's environmentally friendly NH_3 or CO_2 refrigeration packages or plant-wide facility controls, you can count on EVAPCO products to enable you to operate your refrigeration system efficiently and with complete peace of mind.

EVAPCO, The Natural Leader for Life.



Evapcold LCR Penthouse Unit



Condensers & Gas Coolers

Dry & Adiabatic

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



eco-Air Flat Series

Air Cooled Condenser
Or Gas Cooler



eco-Air V Series

Air Cooled Condenser
Or Gas Cooler



eco-Air Adiabatic Series

V Series Air Cooled Condenser
Or Gas Cooler with Adiabatic Pads

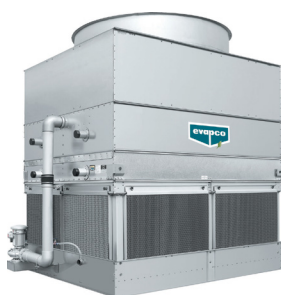


eco-Air Spray Series

V Series Air Cooled Condenser with
Adiabatic Spray System

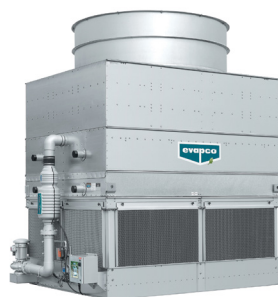
Evaporative Induced Draft

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
Ellipti-fin® Coil Technology



eco-ATC-H

Optimum Wet/Dry
Hybrid Technology



PHC-E

Low Charge and Great for
Large Tonnages

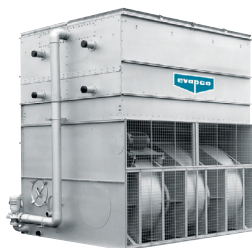
Evaporative Forced Draft

EVAPCO's forced draft product evaporative condenser lines are equipped with owner-oriented features and benefits for easier installation, maintenance, and operation! Multiple axial fans located at grade in the PMRC offer redundancy and improved drive accessibility. While providing similar drive accessibility, the centrifugal fans in the LSC-E and LRC are suited for low noise or ducted applications.



PMRC

High Reliability,
Low Maintenance



LSC-E

Low Sound Centrifugal Fan



LRC

Low Profile | Low Sound
Centrifugal Fan



eco-PMRC

Water Conserving Ellipti-fin®
Coil Technology

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



PMRC Evaporative Condenser with optional external service platform

Evaporators



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 E-series evaporators, the only independently certified thermal performance and power rated offering available today in North America.



SSTME/EJETME
Medium Capacity
Unit Coolers



SSTHE/EJETHE
Reduced Charge Medium to
Large Hybrid Product Cooler



SSTLE
Large Capacity
Product Coolers



SSTXE/EJETXE
Low Profile
Unit Coolers



SSTWE*
Low Velocity Hygienic
Workroom Units



SSTDE*
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.

EJET - Superior DX Performance

- New, innovative feed arrangement using ejector technology to "overfeed" the coil
- Up to 35% more capacity than traditional direct expansion feed. Approaching recirculated capacity performance
- High efficiency operation with lower horsepower per ton compared to DX

Ultra Hygienic Ceiling Hung Solutions

Ultra Series Industrial Evaporators offer additional design features and accessibility for cleaning beyond those available in the standard SSTME and SSTWE product lines, making them the most hygienic ceiling-hung evaporators in the market.



U-SSTME/U-EJETME

Medium Capacity
Unit Coolers



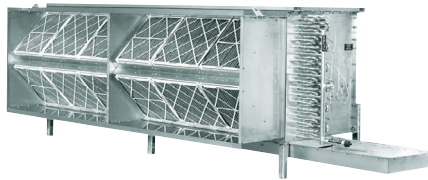
U-SSTWE*

Low Velocity Hygienic
Workroom Units

*This model falls outside the scope of the AHRI Unit Coolers Certification Program but are rated in accordance with AHRI Standard 420.

Custom Solutions

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.



Draw Through Coils
with Inlet Air Filters



Stacked Blast Freezer Evaporator



Spiral Blast Freezer Evaporator

Benefits of the AHRI Unit Cooler Certification Program

- Participating evaporator manufacturer's rate products using the same method
- Competitive products and equipment proposals easier to evaluate
- Independent, third-party verification of published thermal performance & power ratings



Hygienic Air Handling Units

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-E

Penthouse Evaporators



EDF

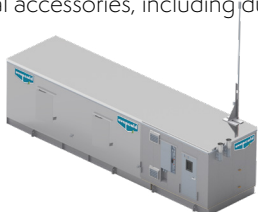
Make-Up Air Systems



Critical Process Air (CPA) Hygienic Air Handling System

Packaged Low Charge Ammonia Refrigeration Systems

Requiring just a fraction of the refrigerant charge as compared to traditional field-erected systems, each low charge ammonia refrigeration Evapcold system is expertly crafted as a single-source, quick-to-install solution. Units are available with many optional accessories, including dual compressors.



LCR-P-W

Penthouse Refrigeration System
Water Cooled



LCR-P-A

Penthouse Refrigeration System
Adiabatic Air Cooled



LCR-P-A

Penthouse Refrigeration System
Air Cooled



LCR-C-W

Packaged Ammonia Chiller
Water Cooled



LCR-C-A

Packaged Ammonia Chiller
Air Cooled



LCR-C-A

Packaged Ammonia Chiller
Adiabatic Air Cooled



LCR-S-A

Split Refrigeration System
Air Cooled



Low Charge Ammonia Packaged Refrigeration System LCR-P-W



Low Charge Ammonia Packaged Chiller LCR-C-A



Low Charge Ammonia Packaged Refrigeration System LCR-P-A



Low Charge Ammonia Machinery Room LCR-P-W

Packaged Transcritical CO₂ Refrigeration Systems

The flagship transcritical CO₂ Purity line uses a variety of patented technologies to maintain optimal operation while providing high reliability. The Purity systems are available in low, medium and high temperature applications, serving both the commercial retail and industrial refrigeration markets. These systems also offer an efficient, environmentally friendly, and sustainable solution for cold storage facilities of all sizes and smaller industrial applications where previously, synthetic refrigerants may have been used. All EVAPCO LMP systems are designed and manufactured with simple installation and rapid commissioning in mind.



Purity Industrial Rack



Purity Commercial Rack



Stainless Steel Medium Pressure Valve Groups (1160 psi / 80 bar)



Purity Rack with Outdoor Enclosure Manufacturing in Process



Rack Inspection

Facility Controls

Plant-Wide Refrigeration and Critical Process Air (CPA) Handling Automation

EVAPCO SelectTech



About EVAPCO SelectTech

EVAPCO SelectTech is a food plant systems integrator specializing in design-build-installation of facility systems, production line integration, process automation, ammonia refrigeration, supervisory systems, and IT integration.



Refrigeration

Ammonia Control System Integration



Production Line Systems

Automation/Integration



Processing Controls

Ingredients, Batching, Cooking, Freezing



Panel Building

UL508A Certified



Full Turnkey Philosophy

Design, Build, Installation, Commissioning



RVS ASME Pressure Vessels



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



MTP

Transfer Package



Matrix II

Microprocessor™
Control Panel



Custom Oil and Gas Vessels and Packages

Water Treatment Systems

Water Solutions



Pulse~Pure®

Chemical-free,
environmentally conscious
water treatment systems.



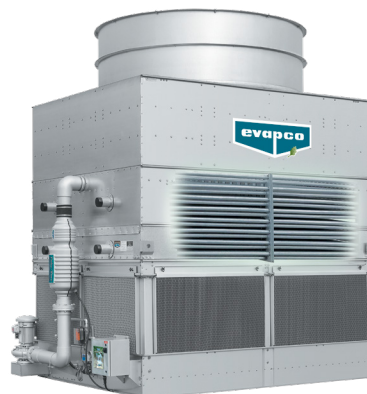
Water Saver™

Pretreatment system for
evaporative cooling equipment.



Smart Shield®

Reliable, sustainable, solid chemistry
water treatment system.



Pass-Protect®

Passivation enhancement
process to minimize the
formation of white rust.



AT Cooling Tower with optional Pulse~Pure® Non-Chemical Water Treatment System



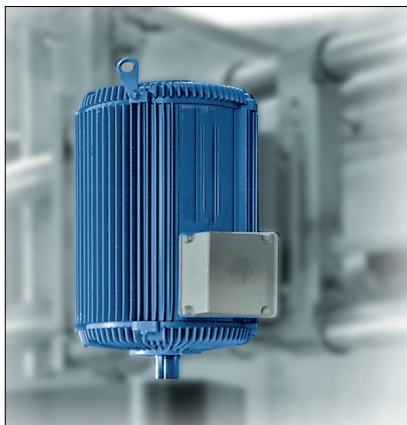
Smart Shield® Factory-Mounted Water Treatment System

Replacement Parts

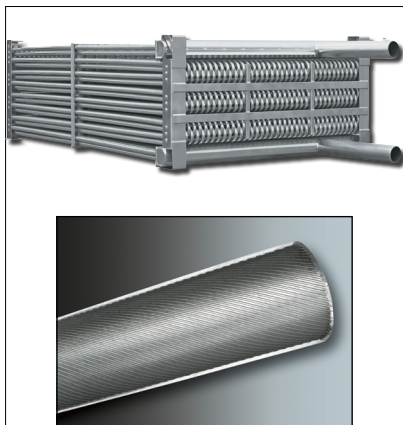
EVAPCO is your best parts source for all evaporative and dry cooling equipment

Any Part, Any Manufacturer, Any Time

Available parts include ...



Fan Motors



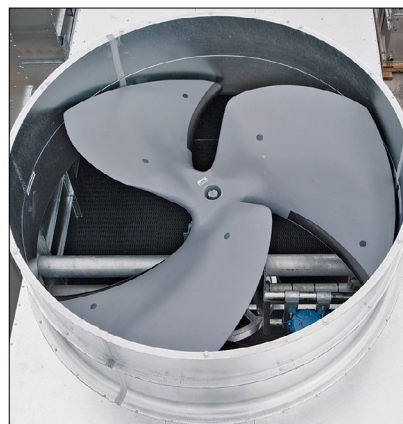
Coils



Nozzles



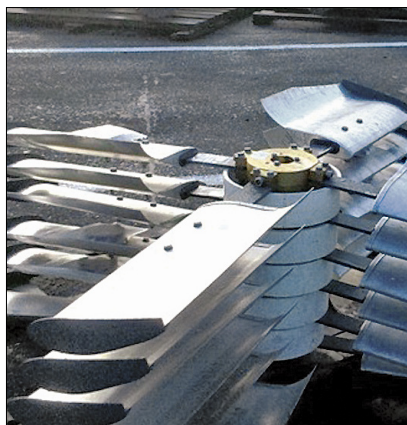
Shaft Kits



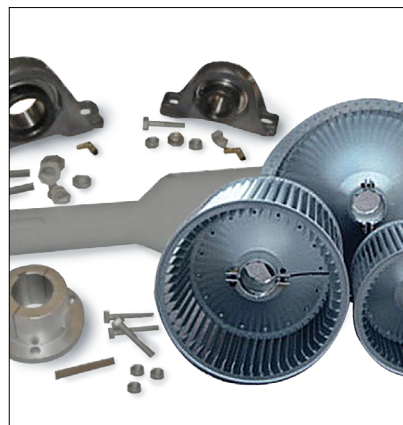
Super Low Sound Fan



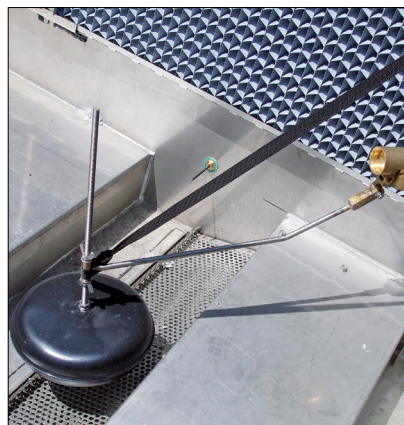
Louvers & Access Doors



Replacement Fans



Fans & Bearings



Float & Makeup Valve

... and many more



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North America Industrial Refrigeration Locations



EVAPCO Key Building, Taneytown, Maryland



EVAPCO Midwest, Greenup, Illinois



EVAPCO Iowa, Lake View, Iowa



Evapcold Manufacturing, Greenup, Illinois



EVAPCO LMP, Laval, Quebec



EVAPCO West, Madera, California



EVAPCO SelectTech, Belmont Michigan



RVS Corporation, Bryan, Texas



EVAPCO Alcoil, York, Pennsylvania



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