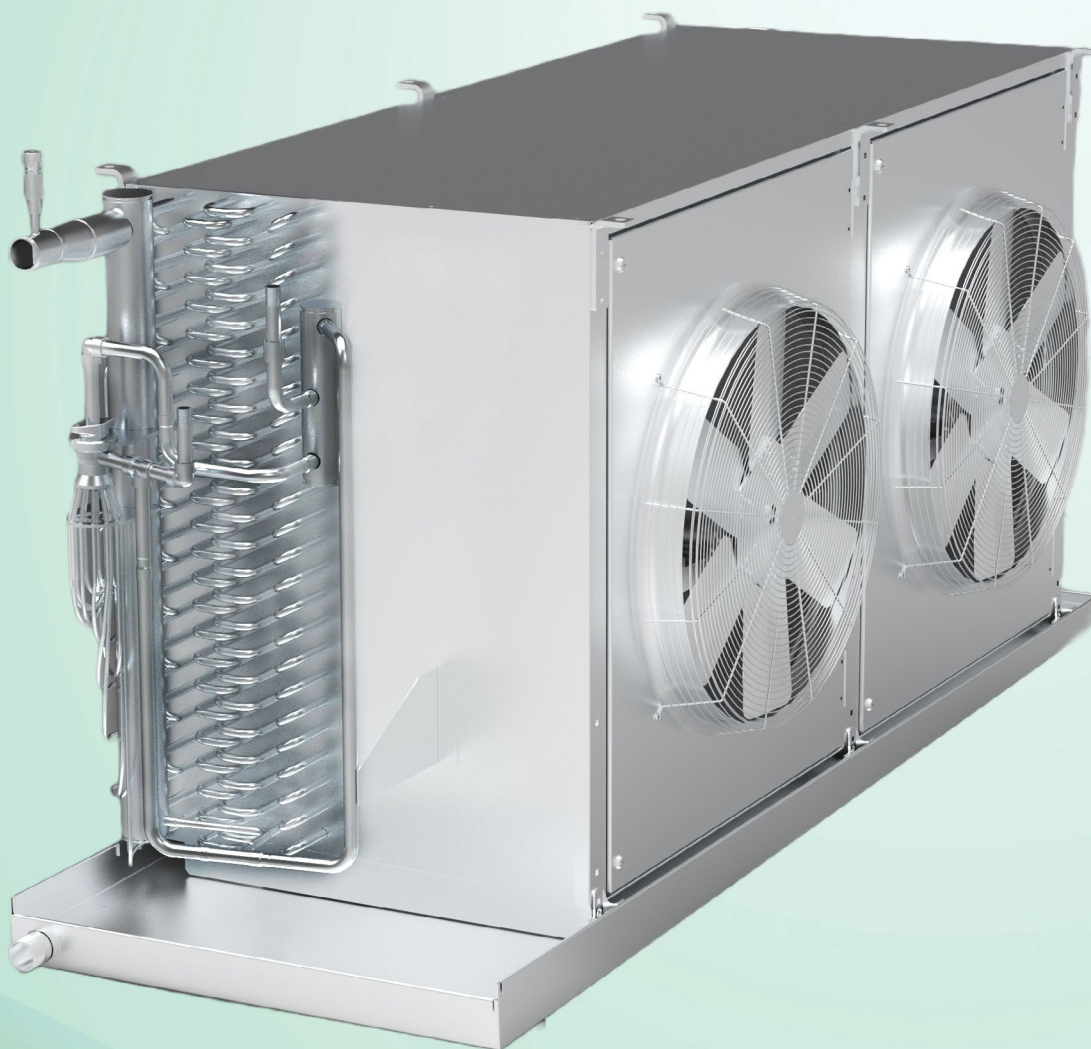


INDUSTRIAL EVAPORATORS

EJET™

Ejector Evaporator Technology



for LIFE



Independently Certified in
Accordance with AHRI Standard
420 Performance Rating Standard





for LIFE



Get to Know EVAPCO

 EVAPCO Global Headquarters, Taneytown, Maryland USA

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.

We craft exceptionally built solutions.

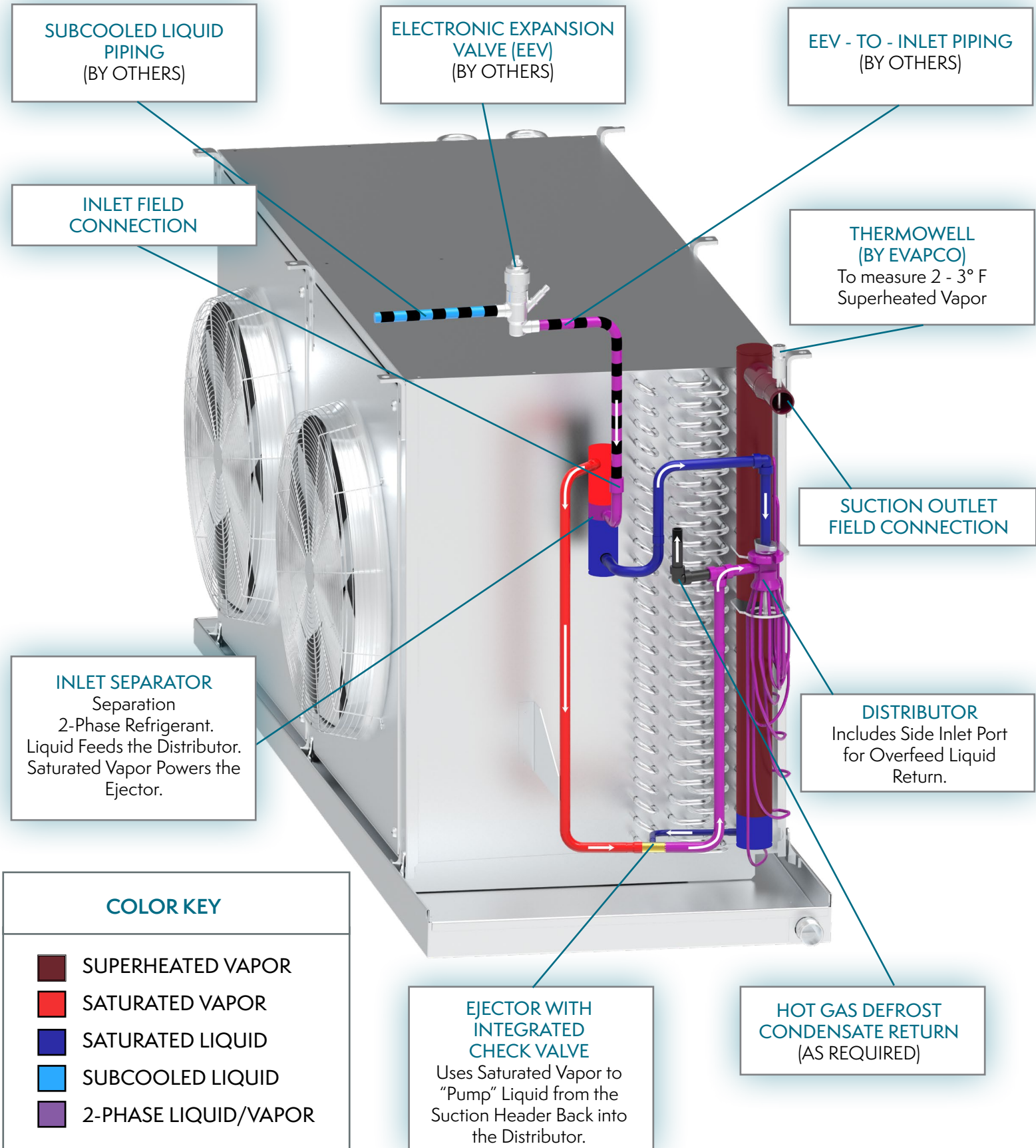
As an employee-owned company, we take pride in our work. We are proud to be one of the most experienced teams of engineers and craftsmen in the industry. This translates into solutions that are always exceptionally built. EVAPCO has an unwavering commitment to provide "best in class" heat transfer solutions and services.

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.



EJET Color-Coded Illustration



EJET - Superior Ammonia DX Performance

Introducing EVAPCO's revolutionary EJET Evaporators with an advanced ejector-based feed arrangement. This technology offers up to 35% more capacity than conventional direct expansion feed, reaching near-recirculated thermal performance. Plus, the EJET operates with exceptional efficiency, requiring less horsepower per ton than traditional DX systems. Upgrade your industrial refrigeration evaporators with this groundbreaking solution for superior performance and energy savings!

Construction Features

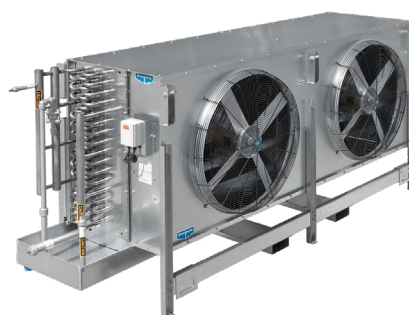


- 100% fully rated thermal performance and fan energy consumption backed by AHRI 420 Certification
- Heavy wall 304L stainless steel tube with aluminum fin. Various fin spacings from 3.3 to 6 fpi to meet job specific requirements
- Optional epoxy-coated fins for improved corrosion resistance
- 300 psig coil design working pressure (DWP)
- Coil is designed, constructed and tested in accordance with ASME B31.5 for highest reliability
- Canadian Registration Number (CRN) for all Canadian Provinces and Territories

Ceiling Hung Solutions



EJETME
Small to Medium Capacity
Unit Coolers



EJETHE
Medium to
Large Capacity Unit Coolers



EJETXE
Low profile, small to medium
sized evaporators



U-EJETME
Ultra Hygienic evaporator for areas requiring
the highest level of hygiene

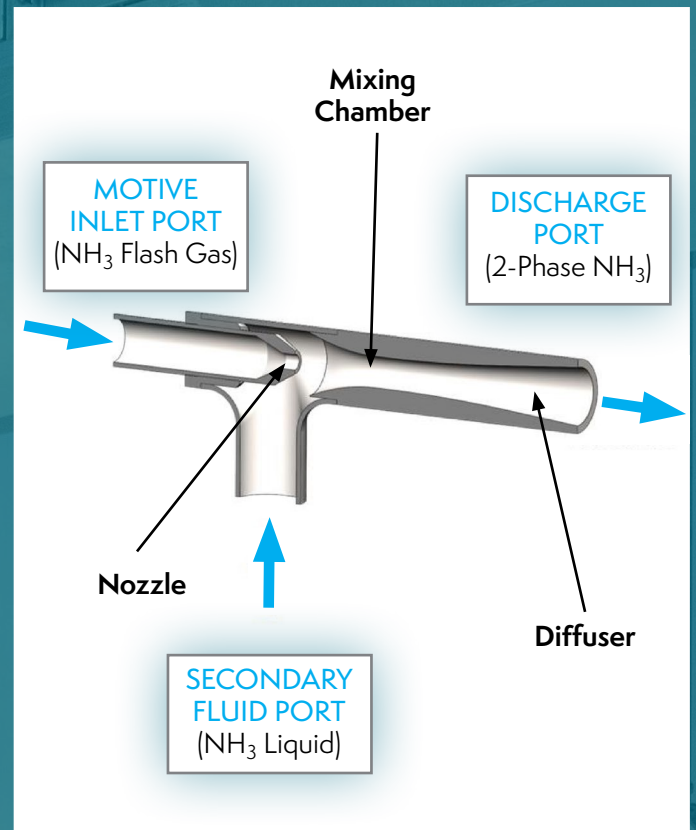
OPERATIONAL BENEFITS

Traditional direct expansion (DX) evaporators are intentionally underfed liquid and oversized in total coil volume, surface area and fan motor horsepower to generate sufficient and stable superheat for operational control. EVAPCO's patented EJET™ Evaporator technology drastically improves ammonia DX tube-and-fin evaporator performance. These novel evaporators operate at an extremely low 2-3°F superheat setpoint, separate and "recirculate" excess liquid refrigerant from the suction header back into the liquid distributor by means of a factory-mounted ejector and maintain a dry suction. The result is a 15-38% increase in thermal performance over traditional DX technology, as well as incredibly stable operational control.

FEATURED COMPONENTS



OIL SEPARATOR FOR
NON-HOT GAS APPLICATIONS



EJECTOR



WORLDWIDE MANUFACTURING LOCATIONS



★ World Headquarters
Research & Development Center

📍 EVAPCO Manufacturing Facilities

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