

# Natural Refrigerant Solutions

FOR THE FOOD  
AND BEVERAGE  
INDUSTRY

# Cooling naturally

Our leading natural refrigerant, energy efficiency and energy transition technologies transform the HVACR industry.



# Industrial Refrigeration Systems with Natural Refrigerants for Food & Beverage Industries



## Sustainable Solutions for Food & Beverage

Enex Technologies is a leader in developing innovative, high-efficiency industrial refrigeration systems that harness the power of natural refrigerants. Our solutions minimize environmental impact while reducing energy consumption for food and beverage production.



## Environmentally Friendly

We offer a comprehensive range of industrial refrigeration equipment utilizing natural refrigerants, a safe and sustainable alternative to traditional synthetic refrigerants options. This helps food and beverage businesses achieve their environmental goals and adhere to increasingly stringent regulations.



## Tailored Solutions for All Needs

From chilling delicate fruits and vegetables to maintaining precise temperatures for fermentation and storage, we have the perfect solution for every stage of your food and beverage process. Our extensive portfolio caters to a wide range of applications, including:

- **Meat & Poultry Processing:** Maintain optimal freshness and ensure food safety with reliable and consistent cooling.
- **Dairy & Ice Cream Production:** Achieve precise temperature control for every step, from pasteurization to final packaging.
- **Fruit & Vegetable Handling:** Preserve the natural quality and extend shelf life with gentle, efficient cooling.
- **Beverage Production:** Optimize fermentation, chilling, and carbonation processes with tailored solutions.



## Smarter Energy, Maximum Efficiency

Our industrial refrigeration systems are designed for peak energy efficiency, minimizing operating costs and environmental impact. We integrate cutting-edge technologies to ensure:

- **Reduced energy consumption:** Optimize your energy usage with advanced controls and innovative components.
- **Lower carbon footprint:** Minimize your environmental impact with natural refrigerants and energy-efficient designs.
- **Cost savings:** Enjoy operational cost reductions through lower energy use and reduced maintenance needs.

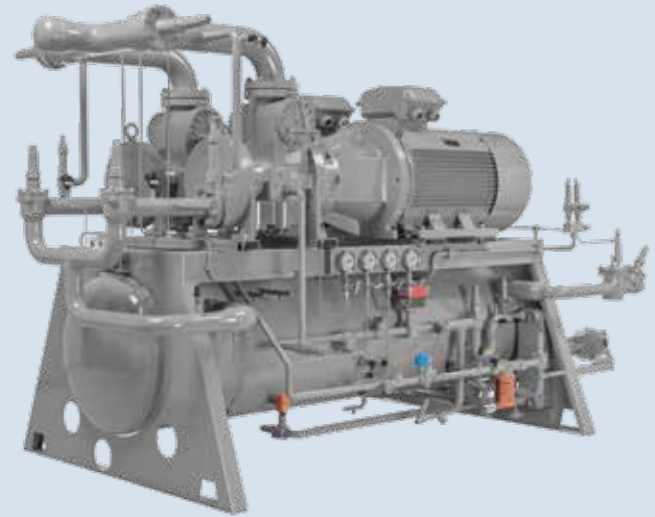
**AMMONIA CUSTOM PACKAGED REFRIGERATION CHILLER**  
for outdoor use (air cooled, water cooled or cooled by evaporative condenser).



**CO2 RACK**  
Refrigeration booster unit.



**REMOTE GAS COOLER**  
with axial fans for outdoor use.



**NH3 RACK**  
CMC Flexi units are multi-compressor plants with open screw compressors with flexible architecture.



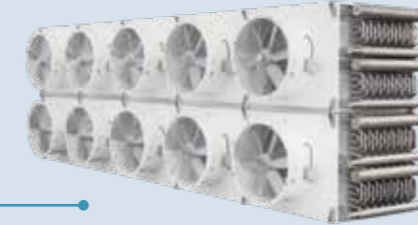
**ADIABATIC AIR CONDENSER**  
High efficiency condensers with advanced water consumption control.

**BLAST FREEZING AND FREEZING**  
High-performance, robust, and reliable units guarantee optimal performance and quality in all types of freezing tunnels.



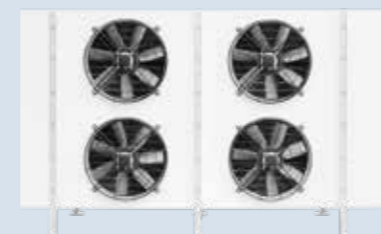
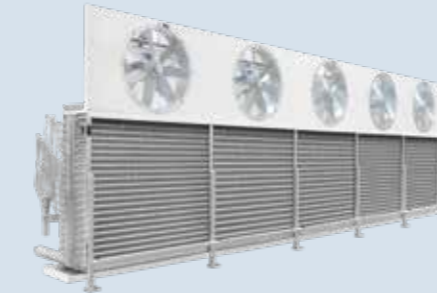
**SPECIAL DESIGN FOR IQF TUNNEL FREEZERS**  
Fish, seafood, meat, poultry, berries.

**UNITS FOR SPIRAL FREEZERS**  
Bakery, pastry, pizza, croquettes.



**BLAST FREEZERS FOR ICE CREAM PRODUCTION**  
Ice cream.

**BLAST FREEZERS FOR STATIC FREEZING TUNNELS (TROLLEYS)**  
Fish, seafood, meat, poultry, bakery.



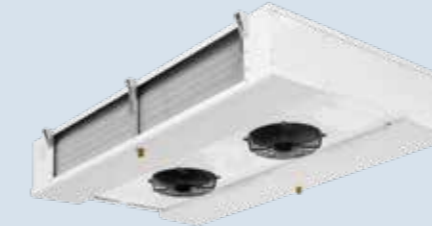
**SMALL BLAST FREEZERS FOR STATIC FREEZING TUNNELS**  
Bakery & pastry.

**WAREHOUSE, STORAGE AND PROCESSING ROOMS**  
Wide portfolio of standard air coolers for cold stores, warehouses for refrigerated and frozen goods, and food processing rooms.

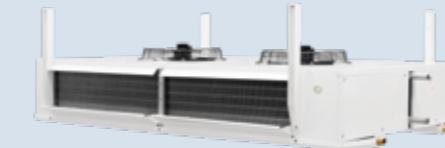


**CUBIC AIR COOLERS**

**DUAL DISCHARGE AIR COOLERS**



**AIR COOLERS FOR PROCESSING AND WORKING ROOMS**



**AIR COOLERS WITH RADIAL FANS FOR AIR DUCTING**



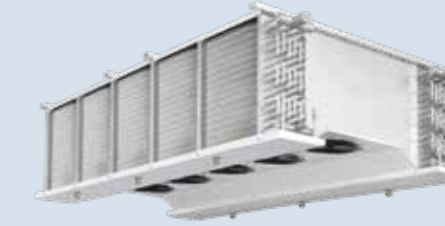
**INSULATED AIR COOLERS FOR OUTDOOR INSTALLATION**

**MEAT INDUSTRY**  
Custom-crafted air coolers for specific processes in the meat industry.



**HOG CHILLING AIR COOLERS**

**AIR COOLERS FOR QUICK CHILL SYSTEMS**  
Beef, lamb, chicken.



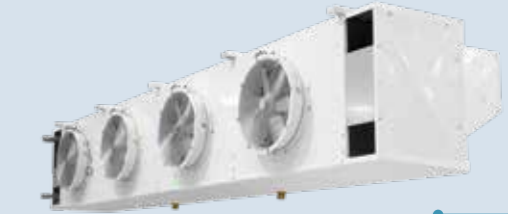
**MEAT AGING SPECIAL AIR COOLERS**

**AIR COOLERS FOR LARGE COLD STORES FOR FROZEN MEAT PRESERVATION**



**SPECIAL COILS FOR HAM DRYERS**  
Ham dryers.

**FRUIT AND VEGETABLES INDUSTRY**  
Tailor-made air coolers and coils engineered for variety of processing and cooling fruit and vegetables applications.



**AIR COOLERS FOR FRUIT AND VEGETABLES LARGE COLD STORES**

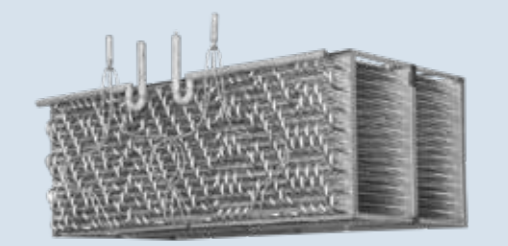
**FRUIT COOLERS FOR CONTROLLED ATMOSPHERE COLD STORAGE**



**PRE-COOLING TUNNEL SPECIAL AIR COOLERS**



**VACUUM COOLING COILS**



**HYDROCOOLING COILS**



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