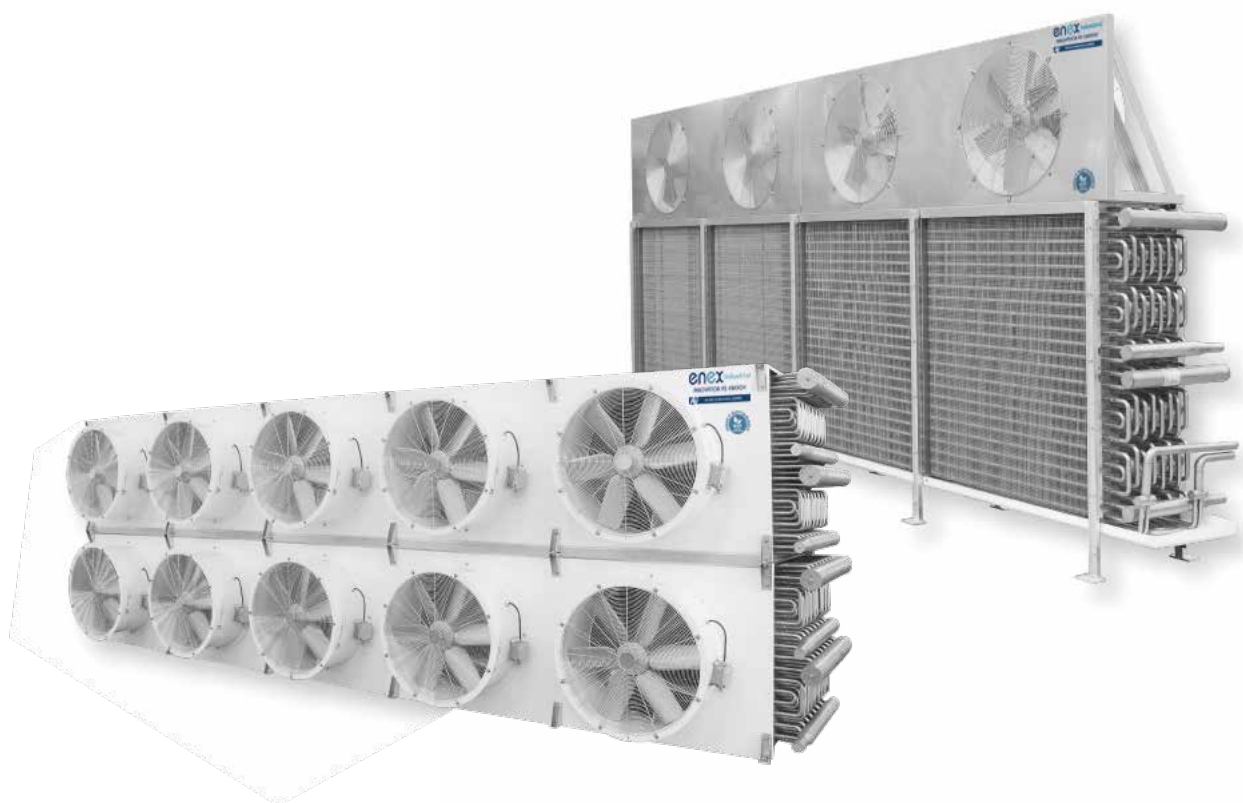




NH₃ Blast freezer

BTV/BF/SBF/ECT: NH₃ & brine blast freezers

Cooling capacity from 15 kW to 550 kW



AC fans



All fluids
ready



Natural
Refrigerant



High efficiency

ENEX INDUSTRIAL's NH₃ and brine blast freezer units are designed for fast cooling and freezing applications, requiring a uniform air distribution in the cold room. Engineered for a fast and homogeneous process that causes the formation of small ice crystals, which allows the food cells to retain their organoleptic properties. Stainless steel tubes offer compatibility with highly sustainable R717 refrigerant and maximum protection in aggressive environments.

FEATURES

- **Finned coil:** Built with stainless steel tubes AISI 304 of 5/8" Ø square geometry & 7/8" Ø staggered geometry, and aluminum fins
- **Fans:** Equipped as standard with AC fan motors.
Axial three-phase motors (380-480V III 50Hz)
Compliant with ErP Directive Ø 630, 800, 910 mm
- **Casing:** Galvanized painted aluminum, creates a high protection against corrosion even in extreme environmental conditions. In addition, this casing complies with the most stringent food hygiene standards
- **Insulated tray:** with polyurethane as standard to avoid condensation. Tray made entirely of GRP (fiberglass reinforced polyester), a light and resistant material, rigid, resistant to corrosion and a good thermal, acoustic and electrical insulator
- **Design pressure: PS=30bar PT=43bar**

OPTIONS

FIN MATERIAL

- AL-MG Fins
- Coated Fins

CASING

- Stainless Steel

DEFROST

- Hot gas defrost
- Hot gas defrost in coil and electric in tray
- Electric defrost
- Water defrost
- Fan ring heaters

OTHER

- High pressure fans for >200Pa (ESP)
- EC fans
- Impellent fans
- Centrifugal fans
- Adjustable support legs

APPLICATION



Food storage



Food processing



Industry