



NH₃ Cubic unit cooler

EC: Cubic NH₃ & brine unit coolers

Cooling capacity from 3 kW to 550 kW



AC fans



All fluids ready



Natural Refrigerant



High efficiency

ENEX INDUSTRIAL's EC cubic unit coolers for small to large cold rooms, are ideal for cooling and freezing applications. Specifically designed for pumped and gravity-fed flooded systems using highly sustainable R717 refrigerant. Stainless steel tubes offer NH₃ compatibility 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 350, 450, 500, 560, 630, 800, 910 mm
- **Casing:** Galvanized painted aluminum, creates 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

- Connection to textile sleeves
- Shut-up System
- EOS Streamer Plus
- Suction hoppers
- Discharge hoppers with over-pressure dampers for defrosting optimization
- EC fans
- Impellent fans
- Centrifugal fans
- Adjustable support legs

APPLICATION



Food storage



Food processing



Industry