



AIR CONDENSING UNIT FOR OUTDOOR INSTALLATION
ERACLE - GMC_SE-Piston

GENERAL TECHNICAL DESCRIPTION

The ERACLE - GMC_SE-Piston series consists of air condensing units for outdoor installation, equipped with semi-hermetic reciprocating compressors. Units are realized with a strong self-supporting steel frame welded with pressbent metal sheet profiles, and then completed with removable panels; removable and permanent connecting elements in stainless steel. All components of the steel frame are polyester coated, color RAL 7035. The series is available for both high/medium evaporating temperatures (HT; MT) and low evaporating temperatures (BT).

- MT -> Medium temperature (-10/+45°C)
- HT -> High temperature (-5/+45°C)
- BT -> Low temperature (-30/+45°C)

In the standard version, the **ERACLE - GMC_SE-Piston series** is equipped with:

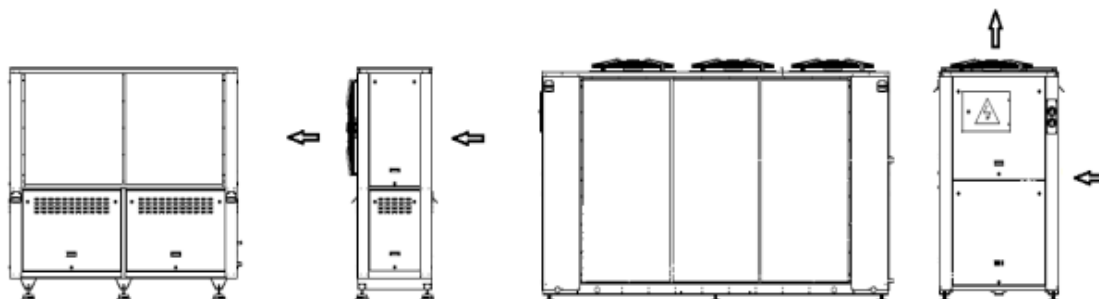
- ❖ Semi-hermetic reciprocating compressors
- ❖ Crankcase heater
- ❖ Air condenser
- ❖ Double pressure switch (PED certified)
- ❖ Discharge vibration eliminator
- ❖ Liquid receiver
- ❖ Liquid line with: filter, sight glass, solenoid valve

The compressors of the units are supplied with a suitable charge of polyester oil (POE) for HFC refrigerants (R134a, R407C, R404a, R507a, R407f). The units are also supplied with a protective charge of dry nitrogen.

Benefits

- Strong, compact, simple installation and soundproofed (*)
- Weather-resistant units
- Competitive prices
- Many available optional
- High reliability
- Easy maintenance

(*) ERACLE - GMC_SE-Piston series is also available in low sound version, which consists of covering the compartment of the compressors with sound insulating cladding (Scheme A / A Drawing).



A Drawing

B Drawing

BRANDS USED:

- ❖ Compressors: BITZER;FRASCOLD;DORIN
- ❖ Condenser fan: EBM; ROSEMBERG
- ❖ Electric/electronic components: SIEMENS; SCHNEIDER; FAE-FAGAN
- ❖ Circuit components: PARKER; CASTEL; GMC; DANFOSS;
- ❖ Safety/checks: RANCO; NGI; CASTEL
- ❖ Exchangers: STEFANI; WTK; ROENEST; SWEP; ONDA

Herewith to inform you that this is for general information only. TECNOFREDDO reserves the right to validate the results as a whole, to modify the data reported, entirely or in part, at any time and without prior notice, and to use alternative components from other suppliers if necessary.