

# MOBILE CHILLER, 2kw

Model: **ZG 2/1,6 EP**

Type: **Air condensed liquid chiller**

Dims [mm]: 910 x 620 x 1000, Weight 80kgs



## DESCRIPTION

Liquid chiller to cool down water and propylene glycol made in ss & on castors

Cold section:

- ☐ Hermetic motor-driven compressor
- ☐ Security pressure switches for the pressure controlling of the gas circuit.
- ☐ Air cooled condenser with helicoidal fan.
- ☐ Plate evaporator made of AISI 316 stainless steel, supplied by thermo-expansion valve and insulated by material for low temperature.
- ☐ Gas liquid line, composed by dryer filter and flow and moisture indicator.
- ☐ Storage tank made in stainless steel, insulated for low temperature, designed for the opened plant at atmospheric pressure; complete with coolant temperature probe
- ☐ Centrifugal electric pump for the circulation of the coolant.
- ☐ Inlet and outlet connections for the coolant.
- ☐ Electric control panel with: - operating lights and selectors - electronic thermostat to control the coolant temperature - real time temperature control shown on light display

Technical data:

- ☐ Electric nominal power: **2 kW**
- ☐ Supply voltage: 400V / 3~ / 50hz +G or 220V / 1~ / 50 Hz +G
- ☐ Compressor power: **1,6 kW**
  
- ☐ Electric power recirculation pump: - Electric power: 0,33 kW - Flow-rate: 1,5 m3/h with head of 20,0 m. (2,0 bar)
- ☐ Coolant storage tank capacity: **15 l.**
  
- ☐ Ecologic freon gas, type HFC: **R407F**
- ☐ Total cooling power (with R507 and condensing at +40°C): - **4.450 Kcal/h** (5,2 kW) with outgoing glycol at **+7°C**
- **4.200 Kcal/h** (4,9 kW) with outgoing glycol at **+5°C** - **3.400 Kcal/h** (3,9 kW) with outgoing glycol at **0°C** - **2.460 Kcal/h** (2,9 kW) with outgoing glycol at **- 8°C**