

SPECIFICATIONS

AIR FLOW SCHEME



PERFORMANCE RANGES

- Unit coolers capacity: from 6,84 to 171 kW *
- Airflow: from 3.700 to 39888 m³/h
- Brine coolers and CO₂ coolers: customized on demand.

COIL FEATURES

- High heat exchange efficiency
- Manufactured with special profile aluminium fins and the new inner grooved copper tubes
- **According to the room temperature, the employed fin spacing is the following:**
- ICE 06 for high and medium temperatures ($\geq -15^{\circ}\text{C}$): 6,0 mm
- ICE 08 - 10 - 12 for lower temperatures ($\geq -35^{\circ}\text{C}$): 8,0; 10,0 and 12,0 mm (electric defrost version ED is recommended)

STANDARD DEFROST

Electric (ED) 400V/3/50Hz

CASING FEATURES

Made of a magnesium aluminium alloy, with a smooth finish covered by a plastic protection film

FAN MOTOR FEATURES

- Diameter: 450, 560 and 630 mm
- Three-phase, with external rotor
- Voltage: 400V/3/50Hz dual speed
- Protection grade: IP 54
- Inner thermal contact protection
- Maximum operating temperature: +40 °C

FAN GUARD FEATURES

Manufactured from epoxy-coated steel, according to EN 294 standards

AIR THROW

The aeraulic combination grants a considerably high air throw, measured in Modines's Technical Lab according to CECOMAF GT6-001 standards.

TESTING

Heat exchangers are supplied clean and tested at a pressure of 30 bars.

NOTES

* Nominal capacity: assessed in practical operating ambient, i.e. wet conditions; refrigerant R404A; air inlet temperature = 0 °C; evap. temperature = -8 °C; $\Delta T = 8$ K.