

C/H Series

Air Condition Units (ACU)



C/H series ACU units are designed for air conditioning of the passenger cabin during of aircrafts parking. Our new technology ACU unit's supplying the cooling, ventilation and heating through reversible heat-pump to the aircrafts.

Adjustments

- Any power rate according to client needs

Temperature and humidity

- Standard (**-55°C to +55°C**)
- Relative humidity **up to 100 %**

Execution

- PBB
- Mobile
- Solid state
- Diesel

ECO



- Saves fuel and emissions
- Low noise level

100% Fresh Air



- down to -2°C / up to +45°C

10 min Modularity



- Ease of installation
- Ease of operation
- Ease of maintenance

NARROW BODIES

Cooling Capacity	20-125 kW
Maximum Air Flow	110 kg/min
Available Static Pressure	6300 Pa
Heat Pump Capacity	19-82 kW
Discharge Temperature	-2°C

WIDE BODIES

Cooling Capacity	28-184 kW
Maximum Air Flow	150 kg/min
Available Static Pressure	8500 Pa
Heat Pump Capacity	26-110 kW
Discharge Temperature	-2°C

WIDE BODIES & WIDE BODY +

Cooling Capacity	40-300 kW
Maximum Air Flow	210 kg/min
Available Static Pressure	10000 Pa
Heat Pump Capacity	22-160 kW
Discharge Temperature	-2°C

PROTECTION

High pressure pressostat
 Low pressure transducer
 Compressor discharge temperature control
 Klaxon at the compressor
 Phase control relay
 Safety valve in the liquid receiver of the reversible circuits.
 Emergency button
 Main door switch
 Automatic switch in the control circuit
 Magnetothermal protection switches for the power line of compressors and fan motors
 Smoke detection station
 Clogged filter detector
 Electrical heaters safety thermistors (optional).
 Antifreeze protection with electrical heaters of the controls electrical cabinet
 Cooling by forced ventilation of the electrical cabinet of the frequency converter
 In bridge mounted units (B), safety microswitches on the hinged doors of the outdoor fans
 Safety microswitches on the hinged outdoor coils (models 723, 844, 1524 and 1624)

