

# 11Kw TENT COOLING EQUIPMENT MOD.: CEMA11



# 11Kw TENT COOLING EQUIPMENT- CEMA11

## DESCRIPTION

The 11KW air conditioner is a portable unit developed primarily to provide air conditioning in temporary or transportable buildings or tents.

The equipment is a small, light-weight aluminium unit built into a rigid steel frame. The unit is designed for outside installation with ducted supply and return air. For field hospitals, where the need for filtration is higher than that of normal accommodation, a dual filtration system for the internal air path is available like an option.

## APPLICATIONS

LODGING
MILITARY CAMPS
REFUGEES/RELIEF CAMPS
ALL KIND OF TENTS
WORK CAMPS IN OIL AND GAS INDUSTRY



## PROPERTIES AND CHARACTERISTICS

Designed for optimal utilization of a standard 20" ISO container (30 pcs)
The AC-M11 is built into a strong metal frame with insulated panels where relevant, powder coated.
All sheet metal parts are protected against corrosion by a minimum 80µm top coat
Top finish painting is standard sand color.
Designed for air conditioning when the temperature is above 20°C.
It can provide cooling at ambient temperatures up to +60°C.
Option with built in heating will heat when ambient temperature is below 20°C.
Insulated flexible hoses Ø315 mm for exhaust and return air openings.
Low voltage control circuit.
Environment-friendly R134a refrigerant.
HP/LP Pressing switches ensuring long compressor lifetime.
Controlled by a room thermostat placed inside the tent (accessory).
G3 filtration of internal air.
Dual filters in front of internal air intake as an option.
Fresh air intake.

**FEAUTURES**

Operating range, ambient temperature, cooling	20-60°C
Operating range, ambient temperature, heating	-32-(+20°C)
Airflow, internal, with hoses	1700 m <sup>3</sup> /h
Airflow, external	3500 m <sup>3</sup> /h
Nominal Cooling capacity	11,0 kW
Heating capacity (optional)	8 kW
Power supply	3x400 V / 50 Hz
Max. running current (cooling/heating)	15 / 16 A
Locked rotor <u>amperage</u>	65,5 A
Power consumption, cooling (tested)	4200 W (worst case 5600)
Power consumption, heating (tested)	8800 W
Refrigerant / quantity	R134a / 4,0 kg
Filter material, EN 779	G3 + optional
Protection class	IPX5
Hose connection	1x315 Ø mm
Noise level measured inside tent, 1 meter from tent wall	55 dB (A)

