

AIR CABIN HEATER type CR

*Aircraft Electric Air Cabin Heater type CR
70kW Heating power*



- ⇒ 100% electric
- ⇒ Integrated automatic temperature control as per IATA AHM973 standard :
 - ✓ night stop +5°C
 - ✓ passenger comfort +15°C

Main characteristics of CR70

Output air temperature	Adjustable, maximum temperature increase of 60°C
Air flow	Max. 5 000 m ³ /h
Thermal power	70kW – 260 000 BTU/h
Electrical Motor (fan motor)	18,5 kW
Temperature regulation	± 2,5°C
Weight	1000 kg



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Power supply - Motor

- Input current: 50Hz/400V three phases + ground
- Power cable of length 32m – 4x25mm²
- Asynchronous Leroy Somer motor –18,5kW
- Centrifugal ventilator – 3 000 rpm

Heating

- Heating capacity: 76 kW max.
- Air flow, max. 5 000 m³/h depending on aircraft counter-pressure
- Temperature increase, max 60°C
- Temperature regulation $\pm 2,5^{\circ}\text{C}$
- GUINAULT electronic PCB control board for temperature and air flow regulation

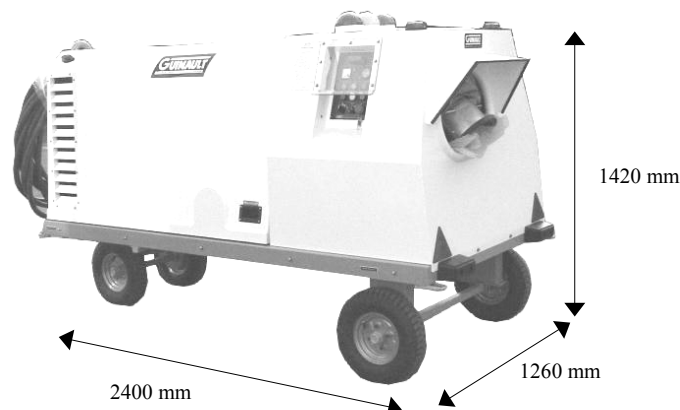
Safeties

- Electrical motor overheating
- Electrical failure
- Overheating

Outputs

- 1 air hose length 10m \varnothing 200mm with standard coupling ISO1034

Dimensions



Main assembly

- Steel frame and sound proofed polyester canopy
- Leading front axle with ball bearing
- Automatic braking when tow-bar is raised or lowered
- Air hose storage compartment

Options

- Automatic temperature regulation: automatic start-stop of the heater
- Additional roof beacon lights

Operation

- Standard operating temperature : - 25°C to +35°C
- Automatic heating regulation in two modes (IATA standard AHM973):
 - Anti-freeze mode for aircraft night stop (T of +5°C in cabin)
 - Passenger comfort, aircraft cabin temperature of +15°C
- Indoor and outdoor use