

Stationary Air Conditioner Electric Motor Powered >BKG4E-M1<



The cooling unit is developed to air condition the AIRBUS A318 - A321.

It is possible to adapt this unit for other aircraft types.

- > The cooling air is controlled automatically
- > 24/7 hour operation
- > The cooling air (temperature, quantity) is monitored
- > The quantity of cooling air is controlled automatically

GENERAL INFORMATION

- > The noise level of the unit is low <75dB(A).
- > Good accessibility ensures maintenance friendly operation.
- > An integrated modem allows software trouble shooting and updates to be carried out from the factory in Austria.

TECHNICAL DATA

<p>> Electrical parameters:</p> <p>Mains connection: 3/N/PE AC 50Hz 400V Nominal current: approx. 125A Performance: approx. 86.5kVA</p>	<p>> Ambient conditions:</p> <p>Pressure: 600 to 1,200mbar (8.7 to 17.4psi)</p> <p>Temperature: 5 to 40°C (41 to 104°F)</p> <p>Humidity: temperature zone of Central Europe (e.g. 60% rel. humidity at 35°C)</p>
<p>> Cooling air:</p> <p>Exhaust air temperature: 5 to 16°C (41 to 60.8°F)</p> <p>Absolute humidity: 12g water / kg air (0.19oz water / lb air)</p>	<p>> Measurement range:</p> <p>Temperature: 0 to 50°C ± 1°C (32 to 122°F) (± 1.8°F)</p> <p>Flow: 1,700 to 2,100m³/h ± 5% o.f.s. (1,000 to 1,240scfm) (± 5% o.f.s.)</p> <p>o.f.s. ... of full scale</p>
<p>> Cooling unit:</p> <p>Compressor: semi-hermetic piston compressor</p> <p>Cooling capacity: 50kW Refrigerant: R134a</p>	<p>> Dimensions and weight:</p> <p>Width: 3,500mm (11.5ft) Depth: 1,400mm (4.6ft) Height: 2,700mm (8.9ft) Weight: 2,750kg (6,060lb)</p>
<p>> Fan:</p> <p>Output: 2,000m³/h at 7kPa (1,180scfm at 1psi)</p> <p>Power: 15kW</p>	

OPTIONS

A wide range of options is available to fulfil our customers' requirements.
 e.g.: Adaption for different aircraft types, etc.