

# AC136 G4 ROOF-MOUNTED AIR CONDITIONER COMPACT UNIT FOR BUSES AND COACHES



AIR CONDITIONING



MODULAR

- Uniform interface for all buses for all performance classes
- Reduced installation costs
- For use in all climate zones



LIGHTWEIGHT  
CONSTRUCTION

- Flat-tube heat exchanger technology (MCHX)
- Aluminium heat exchangers
- Lightweight aluminium construction
- Aluminium tubes and components



ENERGY EFFICIENCY

- MCHX condenser covers a wide cooling capacity range with minimal refrigerant quantity
- Large diameter fans with optimised blade geometry enable a high airflow with a low power consumption
- 100% fresh air for optimal ventilation and 'free-cooling' possibilities in Spring and Autumn seasons



ENVIRONMENTAL  
PROTECTION

- Low weight for reduced fuel consumption
- High efficiency condenser fans produce less noise and power consumption



LIFE-CYCLE COSTS

- Brushless motors ensure long running times for condenser fans and evaporator blowers
- Block connections as per automotive standards ensure high refrigerant tightness

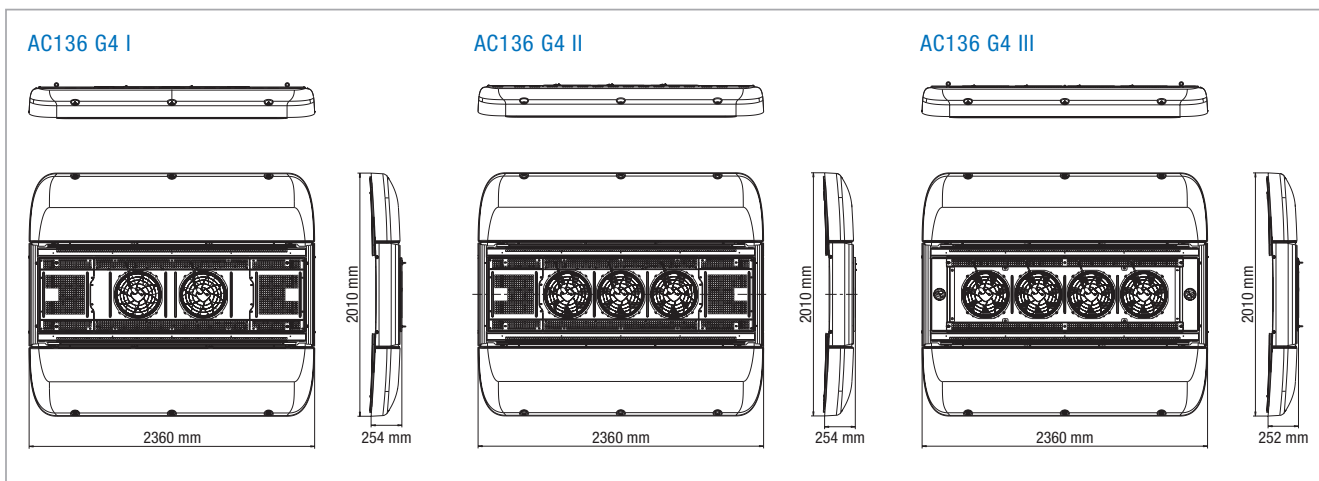
TECHNICAL DATA\*

	AC136 G4 I	AC136 G4 II	AC136 G4 III
Nominal cooling performance	20 kW	24 kW	27 kW
Max. cooling performance	27 kW	33 kW	39 kW

The nominal cooling performance was determined under the following conditions: exterior temperature 35 °C, interior temperature 27 °C.  
 The max. cooling performance was determined under the following conditions: exterior temperature 35 °C, interior temperature 40 °C.

Heating capacity	35 kW	39 kW	39 kW
Length	2,360 mm	2,360 mm	2,360 mm
Width	2,010 / 2,180 mm	2,010 / 2,180 mm	2,010 / 2,180 mm
Height	225 mm	225 mm	225 mm
Weight	112 kg	125 kg	141 kg
Evaporator air capacity	5,160 m³/h	7,740 m³/h	7,740 m³/h
Total current input at 12/24 VDC	-/64 A	-/86 A	-/96 A
Refrigerant	R134a	R134a	R 34a
Roof radius*	Variable from 8 m to flat roof		
Compressor capacity**	470 cm³	560 cm³	660 cm³

\* Other roof radii available on request \*\* Other compressor types available on request



\*Please contact Eberspächer for further details