

A WORLD OF COMFORT

 Eberspächer



CLIMATE CONTROL SYSTEM / AC135

COMPACT ROOF-MOUNTED AIR CONDITIONING UNITS FOR CONVENTIONAL BUSES

ALL BENEFITS AT A GLANCE



Modular:

- Modular interface for all buses for all performance classes
- Aerodynamic profile with reduced roof footprint
- Reduced installation time due to parallel system with one-piece unit including both condenser and evaporator
- For use in all climate zones
- For use with side or centre return air grilles
- Available with options for water heating, fresh air (max 25%)



Energy efficiency:

- Aluminium flat tube heat exchanger technology (MCHX) and fin tube coil options with optimal refrigerant quantities for maximum energy efficiency



Life cycle costs:

- Easy serviceability with multi-piece cover design
- Available with e-connected (optional)



Lightweight construction:

- Lightweight plastic construction
- Aluminium flat tube heat exchanger technology (MCHX)
- Reduced roof footprint



Environmental protection:

- Reduced sheet-metal content
- Reduction in number of refrigerant connections



TECHNICAL DATA

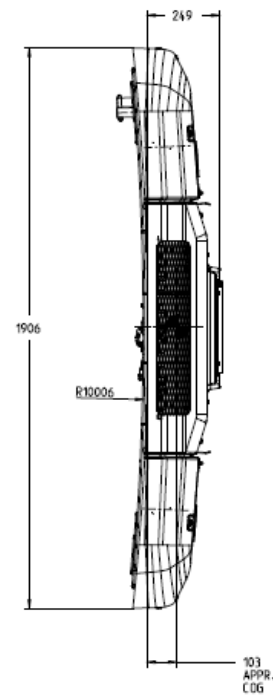
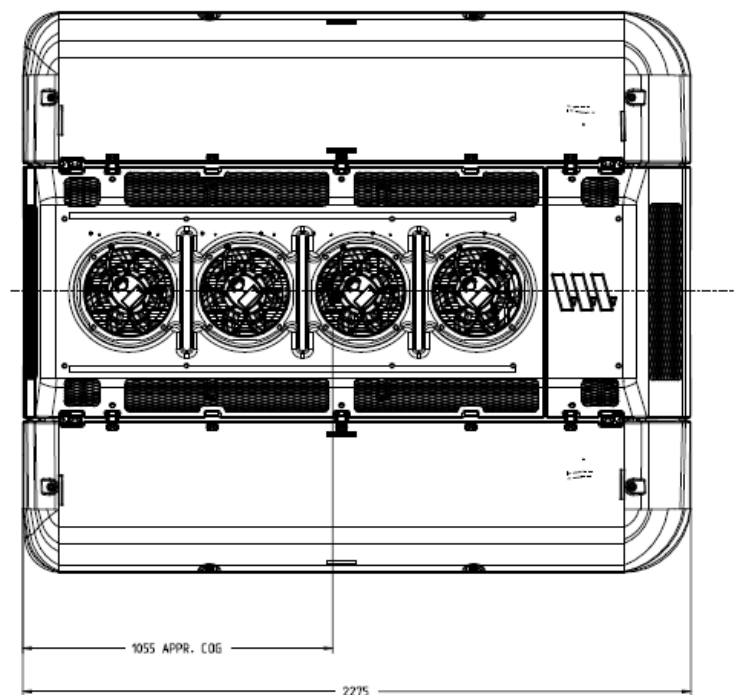
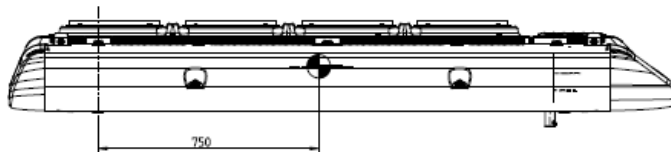
PARAMETER****	AC135-230	AC135-235	AC135-235	AC135-240 Short
Capacity Class	30 kW	30 kW	35 kW	37 kW
Heating Performance*** (hot water – option)	35 kW	35 kW	35 kW	35 kW
Length	2273 mm	2273 mm	2273 mm	2273 mm
Width	1910 mm	1910 mm	1910 mm	1910 mm
Height	250 mm	250 mm	250 mm	250 mm
Weight	120 kg	128 kg	128 kg	140 kg
Evaporator air capacity	4400 m ³ /hr	6600 m ³ /hr	6600 m ³ /hr	6600 m ³ /hr
Max current consumption (24VDC)**	82 Amps	94 Amps	94 Amps	92 Amps
Refrigerant	R134a	R134a	R134a	R134a
Roof radius	6.5 – 10m	6.5 – 10m	6.5 – 10m	6.5 – 10m
Compressor size*	310 / 430 / 470 cm ³	310 / 430 / 470 cm ³	430 / 560 / 655 cm ³	430 / 560 / 655 cm ³

* Other compressor types available on request

** With brushless evaporator blowers

*** Q80, 2500m³/h airflow, 1500 litres per hour water flow

**** Please contact Eberspaecher for further details



AC135-230/-235/-240 Short