

A WORLD OF COMFORT



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:

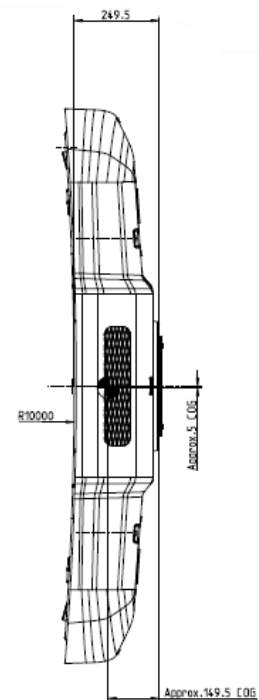
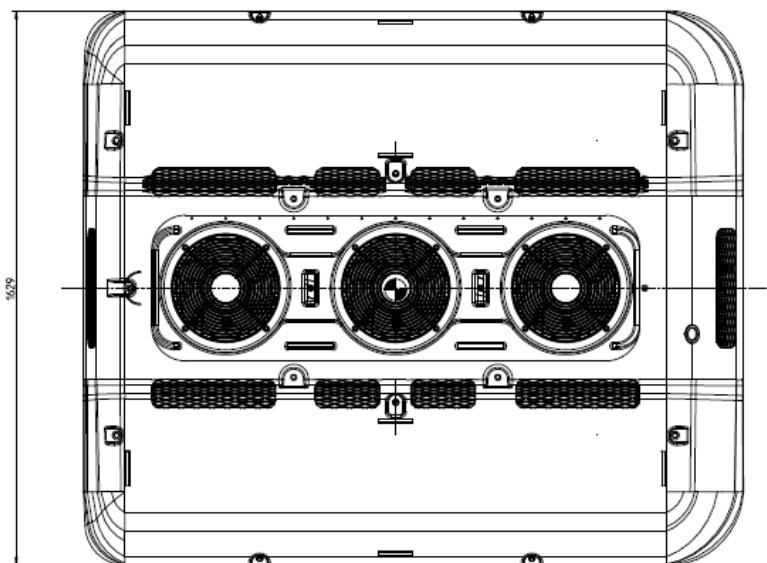
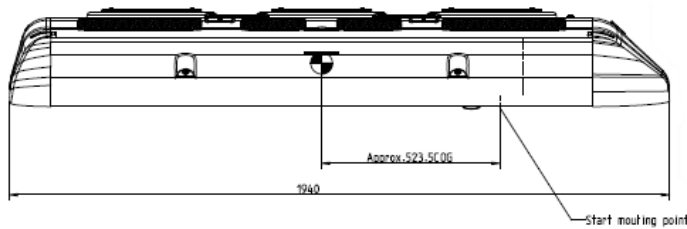
- Reduced sheet-metal content
- Reduction in number of refrigerant connections



TECHNICAL DATA

PARAMETER****	AC135-225	AC135-227
Capacity Class	25 kW	30 kW
Heating Performance*** (hot water – option)	31 kW	31 kW
Length	1940 mm	1940 mm
Width	1630 mm	1630 mm
Height	250 mm	250 mm
Weight	90 kg	93 kg
Evaporator air capacity	4400 m ³ /hr	4400 m ³ /hr
Max current consumption (24VDC)**	82 Amps	82 Amps
Refrigerant	R134a	R134a
Roof radius	6.5 – 10m	6.5 – 10m
Compressor size*	310 /430 / 470 cm ³	310 /430 / 470 cm ³

* With brushless evaporator blowers
 ** Other compressor types available on request
 *** Q80, 2500m³/h airflow, 1500 litres per hour water flow
 **** Please contact Eberspaecher for further details



AC135-225/-227