

ALL-ELECTRIC ROOFTOP AIR CONDITIONER FOR E-POWERED MIDI BUSES

MIDISPHERE-E



RELIABLE CLIMATE COMFORT FOR E-POWERED MIDI BUSES

Midisphere-E complements our range of air conditioning of e-powered midi buses. The compliant design has been adapted to the demands, convinces with high air flow, best reliability, thermal comfort and easy maintenance.

VALEO-THERMALBUS.COM



HIGHLIGHTS

- High airflow maintain the best performance even at very high ambient temperature
- Reduced number of parts facilitates assembly, installation and maintenance
- Optimised energy through intelligence control of compressor and electric fans/blowers
- Safety against leakage due to hermetically sealed refrigerant circle
- Integrated compressor, no application with refrigerant hoses necessary
- Electric compressor with integrated inverter (EDC)
- Designed for R134a / R407C (optional) refrigerant

TECHNICAL DATA

	Midisphere-E
Max. Cooling Capacity (R134A) (in kW)	14 (16kW optional R407C)
Evaporator Air flow (m³/h)	4,400 (4 blowers)
Condenser Air flow (m³/h)	5,600 (2 fans)
Rated HV supply	450 - 800VDC
Current Consumption	Nominal - 45A (LV) Max. 8A (HV)
Weight (kg)	150
Dimensions (mm)	1,886 x 1,775 x 181
Fresh Air	optional
Controller	SC620 - variable speed (10 speed)
Converter 24VDC	optional