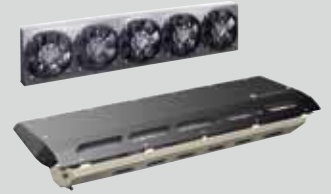


AC188/V188 INTEGRATED ROOF-MOUNTED SYSTEM



AC188/V188



PRODUCT BENEFITS:

- Easy to service through simple access to maintenance parts from the bus interior
- Simple installation reduces the mounting work for bus manufacturers
- Fresh-air option with up to 100 % fresh air
- Can be installed with various condenser units
- Additional evaporator available for double-decker buses
- Integrated exhaust-air opening with patented recirculation, fresh-air, and exhaust-air flap



LIGHTWEIGHT



ENERGY EFFICIENCY



ENVIRONMENTAL PROTECTION



LIFE-CYCLE COSTS

Eberspächer Süttrak offers the air conditioner AC188 with the evaporator unit V188 which is integrated into the roof of the bus. It is an air-conditioning solution permitting ideal passenger comfort in coaches. With its low weight, and its very low height, the AC188 reduces air resistance and thereby makes a major contribution to a further increase in efficiency.

TECHNICAL DATA	V188 I	V188 II
Nominal cooling capacity	23 kW	26 kW
Maximum cooling capacity	30 kW	35 kW
The nominal cooling performance was determined under the following conditions: exterior temperature 35 °C, interior temperature 27 °C. The maximum cooling performance was determined under the following conditions: exterior temperature 35 °C, interior temperature 40 °C.		
Heating capacity	37 kW	42 kW
Length per module	1,937 mm	1,937 mm
Width per module	641 mm	641 mm
Height per module	314 mm	314 mm
Total weight	93 kg	98 kg
Total evaporator capacity	4,400 m³/h	6,600 m³/h
Current consumption at 24 VDC	54 A*	76 A*
Refrigerant	R134a	R134a
R134a Compressor capacity	470 cm³	560 cm³

*Current consumption with two evaporator units

