

# AC188 / V188 INTEGRATED ROOF-MOUNTED SYSTEM AIR CONDITIONER



AIR CONDITIONING



MODULAR

- Simple installation reduces the mounting work for the bus manufacturer
- Can be installed with various condenser units
- Additional evaporator available for double deck buses



ENERGY EFFICIENCY

- Fresh air option with up to 100% fresh air
- Low weight and low height reduces air resistance of bus



LIFE-CYCLE COSTS

- Easy to service through simple access to maintenance points from the bus interior
- Brushless motors ensure long running times for condenser fans (option) and evaporator blowers



LIGHTWEIGHT CONSTRUCTION

- Integrated exhaust-air opening with patented recirculation, fresh-air and exhaust-air flap

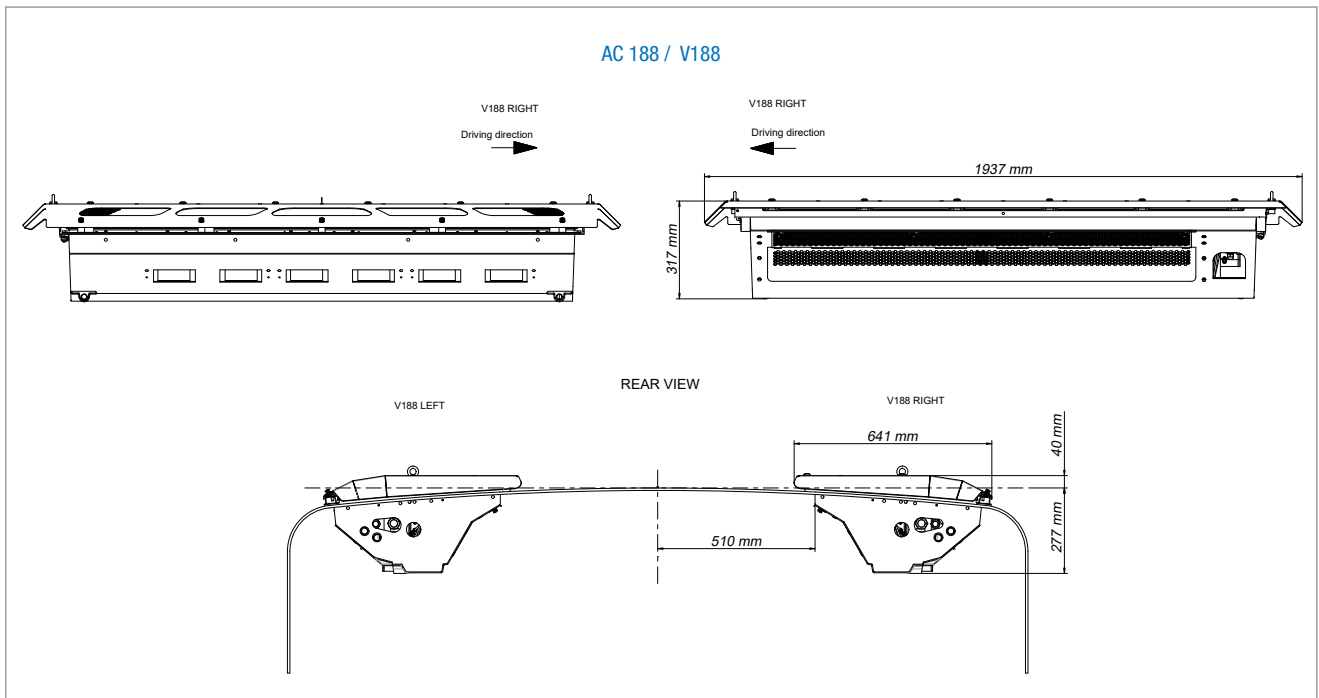


ENVIRONMENTAL PROTECTION

- Reduced fuel consumption of bus due to partially integrated evaporator installation

TECHNICAL DATA\*

	AC188 I / V188 I	AC188 II / 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 m <sup>3</sup> /h	6,600 m <sup>3</sup> /h
Current consumption at 24 VDC	54 A*	76 A*
Refrigerant	R134a	R134a
R134a Compressor capacity	470 cm <sup>3</sup>	560 cm <sup>3</sup>



\*Please contact Eberspächer for further details