Webasto
Feel the Drive

Air Flow – Electric PTC Air Heater

Efficient electric heating for modern electric commercial vehicles

The Air Flow product family is Webasto's first range of fully electric air heaters, developed for the growing market of electric light commercial vehicles (LCVs). Designed for small to medium-sized electric vehicles, it provides an efficient and flexible heating solution for those spaces in the vehicle which need additional heating power to create a comfortable climate.

Air Flow heaters are available in different heating capacities with 0.7kW, 1,4kW or 2.1 kW, allowing easy integration into various vehicle platforms. The product family is particularly suited for vehicle converters who transform electric LCVs into specialized vehicles such as minibuses, ambulances, mobile offices, or service vehicles.
With its modular design, the Air Flow range offers flexible installation and integration options. The system uses safe PTC heating technology and includes smart control functions with multiple user interface options, including APP control, ensuring reliable and convenient operation.

Advantages at a glance:

- Safe and reliable PTC air heater technology
- Heating capacities from 0,7 kW to 2,1 kW
- Easy plug & play installation
- Ideal for vehicle converters and specialty vehicles
- Modular design for flexible integration
- Several alternative user interfaces available, incl. a Bluetooth APP
- Warm air can be directed to air outlets via air hoses

Truck | Light commercial vehicles | Bus | Recreational vehicle | Specialty vehicles | Airport

Technical Specifications

	Air Flow 7 12V	Air Flow 14 12V	Air Flow 21 12V
Heating power nominal*	700 W	1400 W	2100 W
Nominal voltage	12 V		
Voltage range	10.5 to 15.5 V		
Mechanical safety cut-off air temperature	110°C		
Dimensions width incl. mounting flange	157 mm	273 mm	390 mm
Dimensions depdth incl. air outlet	200 mm		
Dimensions height	142 mm		
Noise level @ fan speed high	55 dB(A)		
Current consumption at nominal heat output	60 A	120 A	180 A
Current consumption starting peak	70 A	140 A	210 A
Standby current	< 3 mA	< 5 mA	< 7 mA
Weight	1,3 kg	2,5 kg	3,7 kg

* Measured at 0°C air inlet temperature and a total pressure drop resulting in a net airflow of 75m³/h at each heating module

Recommended Controls

Manual
Control Element

Digital
Control Element

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Contact details

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