

Air heater Airtronic S2 Commercial and M2 Commercial Airtronic M2 Recreational



NEW FOR 2018!



AIRTRONIC S2/M2 – OUR NEW AIRTRONIC FAMILY:

The new Airtronic family is the logical further development of the successful Eberspächer air heater. With its robust components and the latest control system, the Airtronic now features both functional expansions and a longer service life.

The new Airtronic is equipped with automatic altitude adjustment as standard. A new brushless motor has extended the service life to 5,000 hours. This new motor, a modern control system and the use of the latest metering pump technology also improve the acoustics. Furthermore, the new Airtronic uses the pioneering Eberspächer CAN bus technology.

ADVANTAGES:

- Interfaces: CAN, LIN (only 12 V), S+
- Service life 5,000 h
- Brushless motor
- Use of the latest EasyStart Pro and EasyStart Web control units
- Diagnostics and parameter assignment via EasyScan
- Starting capability down to -46 °C
- Stepless heating performance control
- Noise emissions optimized
- Use of acoustically improved metering pump
- Integrated altitude sensor:
 - Automatic altitude adjustment up to 3,000 m
 - Optimized combustion

SEGMENTS:



ADDITIONAL FEATURES:

- Universal installation kit for all versions
- Air scoops provided separately to the installation kit
- Metering pump included in delivery with Airtronic S2/M2
- Identical to Airtronic 1:
 - installation positions
 - repair and spare parts
 - installation space and mechanical interfaces (air, exhaust and combustion air)
- Heating-air connection diameters:
 - 2 kW: Ø 60 mm and Ø 75 mm
 - 4 kW: Ø 75 mm and Ø 90 mm
- ADR compatibility of the 24 V versions



AIRTRONIC		S2 Commercial		M2 Commercial			M2 Recreational*
		Diesel		Diesel		Gasoline	Diesel
Version		D2L		D4L		B4L	D4R
Voltage	V	12	24	12	24	12	12
Heating performance control		Stepless					
Service life		h					
Heating performance		kW		0.9 to 2.2		0.9 to 4.0	
Heating-air throughput		kg/h		105 (Ø 75 mm)		185 (Ø 90 mm)	
Guide number**		Ø 60 mm: 6 Ø 75 mm: 12		Ø 75 mm: 3 Ø 90 mm: 10		Ø 75 mm: 8 Ø 90 mm: 15	
Electrical power consumption		W		34		40	
Fuel consumption		l/h		0.28		0.51	
Heater operating temperature		°C		-40 to +70		-40 to +50	
Weight		kg		2.7		4.5	
Main dimensions L x W x H		mm		310 x 115 x 122		371 x 140 x 150	
Protection rating***		Heater: IP5K6K, IP5K9K					
Interfaces		CAN, LIN (only 12 V), S+					
Part number		25.2721.05.0000	25.2726.05.0000	25.2720.05.0000	25.2729.05.0000	20.1987.05.0000	25.2746.05.0000

* Use in campers/RVs, boats and ambulances, for example. For long, complex heating-air ducting, e.g. when many meters of heating-air hose must be laid.

** Each component of the heating-air ducting (air hose, curved sections, vents, etc.) has a line guide number. The sum of these line guide numbers must not be greater than the guide number for the heater. The higher the guide number for the heater, the more heating-air ducting components may be connected.

*** The heater is protected against dust in harmful quantities, against powerful water jets under increased pressure and against water during high-pressure/steam jet cleaning (provided it is not in operation).