

# PRODUCT DATA SHEET

Eberspächer Airtronic S2 Commercial D2L 12V & 24V  
12V - 25.2721 24V - 25.2726



## TECHNICAL DATA



<b>HEATER TYPE</b>		Airtronic		
<b>HEATER</b>		Airtronic S2		
<b>VERSION</b>		D2L		
<b>HEATING MEDIUM</b>		Air		
<b>FUEL</b>		Diesel – standard commercially available (EN 590)		
<b>CONTROL OF THE HEAT FLOW</b>				
		<b>HiGH</b>	<b>LOW</b>	
<b>HEAT FLOW (WATT)</b>		2200	850	
<b>HOT AIR THROUGHPUT WITHOUT BACKPRESSURE (KG/H) WITH HOOD 75 MM</b>		105	42	
<b>FUEL CONSUMPTION (L/H)</b>		0.28	0.1	
<b>AVERAGE ELECTRICAL POWER CONSUMPTION (WATT)</b>		during operation	31	
		while starting	≤ 100	
<b>CLOSED-CIRCUIT POWER CONSUMPTION</b>		100 µA		
<b>RATED VOLTAGE</b>		12 volt or 24 volt		
<b>OPERATING RANGE</b>		<b>LOWER VOLTAGE LIMIT:</b>	approx. 10.5 volt or approx. 21 volt	
		<b>UNDERVOLTAGE PROTECTION INSTALLED IN THE CONTROL BOX SWITCHES OFF THE HEATER ON REACHING THE VOLTAGE LIMIT.</b>	Undervoltage protection response time: 20 seconds ±1	
		<b>UPPER VOLTAGE LIMIT:</b>	approx. 16 volt or approx. 32 volt	
		<b>OVERVOLTAGE PROTECTION INSTALLED IN THE CONTROL BOX SWITCHES OFF THE HEATER ON REACHING THE VOLTAGE LIMIT.</b>	Overvoltage protection response time: 20 seconds ±1	
<b>AMBIENT TEMPERATURE</b>		Heater	during operation	-40 °C to +70 °C
			not in operation	-40 °C to +85 °C
		Metering pump	during operation	-40 °C to +50 °C
			not in operation	-40 °C to +125 °C
<b>HOT AIR INTAKE TEMPERATURE</b>		max. +40 °C		
<b>COMBUSTION AIR TEMPERATURE</b>		max. +50 °C		
<b>INTERFERENCE SUPPRESSION</b>		Suppression class 5 to EN 55025		
<b>DEGREE OF PROTECTION IN ACCORDANCE WITH ISO 20653</b>		during operation	IP5k4k	
		not in operation	IP5k6k and IP5k9k	
<b>WEIGHT</b>		approx. 2.7 kg		
<b>VENTILATION MODE</b>		possible		

Provided no other values are given, the technical data provided is with the usual tolerances of ±10 % at rated voltage, 20 °C ambient temperature and reference altitude Esslingen.

