

## 11 Technical data


**NOTE**

The performance values (in brackets) apply for the extended heating capacity (boost function) that is activated temporarily during each start.


**NOTE**

The technical data apply under the following conditions: ambient temperature: +20°C, geodetic height: 0 m above sea level, rated voltage. The standard tolerances of ±10% for heaters shall apply if no limits are specified.

Heater	Air Top Evo 40 B	Air Top Evo 40 D	Air Top Evo 55 B	Air Top Evo 55 D
Type approval: EMC	E1 05 5529			
Type approval: Heating	E1 00 0385		E1 00 0386	
Design	Air heater with evaporator burner			
Heat flow over control range [kW] (boost)	1.7 to 3.5 (4.0)	1.5 to 3.5 (4.0)	1.7 to 5.0 (5.5)	1.5 to 5.0 (5.5)
Fuel	Petrol DIN EN 228	Diesel DIN EN 590 biodiesel DIN EN 14214 HVO DIN EN 15940	Petrol DIN EN 228	Diesel DIN EN 590 biodiesel DIN EN 14214 HVO DIN EN 15940
Fuel consumption over control range [kg/h] (l/h)	0.18 to 0.38 (0.43) (0.25 to 0.51 (0.54))	0.15 to 0.36 (0.41) (0.18 to 0.43 (0.49))	0.18 to 0.54 (0.59) (0.25 to 0.70 (0.80))	0.15 to 0.51 (0.56) (0.18 to 0.61 (0.67))
Rated voltage [V]	12	12 / 24	12	12 / 24
Operating voltage range [V]	10.5 to 16	10.5 to 16 / 20.5 to 31	10.5 to 16	10.5 to 16 / 20.5 to 31
Rated power consumption over control range [W] (boost)	15 to 40 (55)		15 to 95 (130)	
Permissible ambient temperature Heater (operation/storage) [°C]	-40 to +40 / -40 to +85			
Permissible combustion air intake temperature [°C]	-40 to +20			
Maximum permissible operating altitude [m above sea level]	2,200	2,200 High altitude: 5,500	2,200	
Setpoint temperature range [°C]	+5 to +35			
Max. permissible pressure loss in hot air system [hPa]	2.0		3.0	
Volumetric flow rate in cold/hot air system 0.5 hPa [m <sup>3</sup> /h] (boost)	max. 132 (140)		max. 200 (220)	
CO <sub>2</sub> in exhaust gas: CO <sub>2</sub> rated value full load [vol%]	10.0 ± 0.5			
Length / Width / Height [mm]	423 ± 2 / 162 ± 1 / 148 ± 1			
Heater weight [kg]	5.9			
IP class: Heater	IP5K4K			
IP Protection class: Fuel pump	IPX6 / IPX7 / IP6K9K			