

11 Technical data



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 2000 STC B | Air Top 2000 STC D |
|--|---|---|
| Type approval: EMC | E1 R10- 06 1085 | |
| Type approval: Heating | E1 R122- 00 0216 | |
| Design | Air heater with evaporator burner | |
| Heat flow over control range [kW] | 1.0 – 2.0 | 0.9 – 2.0 |
| Fuel | 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) | 0.1 – 0.2 (0.14 – 0.27) | 0.1 – 0.21 (0.12 – 0.24) |
| Rated voltage [V] | 12 | 12 / 24 |
| Operating voltage range [V] | 10.5 – 16 | 10.5 – 16 / 20.5 – 31 |
| Rated power consumption over control range [W] | 15 – 30 | 15 – 30 / 13 – 28 |
| Permissible ambient temperature: | | |
| Heater (operation / storage) [°C] | -40 - +40 -40 - +85 | |
| Fuel pump (operation / storage) [°C] | -40 - +20 / 30 (petrol / diesel) -40 - +85 | |
| Control unit (operation / storage) [°C] | -40 - + 75 -40 - + 85 | |
| Permissible combustion air intake temperature [°C] | -40 - +20 | |
| Adjustment range for interior temperature [°C] | +5 - +35 | |
| Maximum pressure loss in hot air system [hPa] | 1.5 | |
| Volumetric flow of hot air at fan speed around 0.5 hPa [m ³ /h] / [rpm] | max. 93 / 4750 | |
| CO ₂ in exhaust gas (permitted function range) 1 kW / 2 kW [%] | 5.0 – 8.0 9.0 – 12.5 | |
| Length / Width / Height [mm] | 311 ± 2 / 118 ± 1 / 120 ± 1 | |
| Heater weight [kg] | 2.6 | |
| IP class: Heater | IP5K4K | |
| IP Protection class: Fuel pump | IPX6 / IPX7 / IP6K9K | |