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| Models | SPARK 11 T1 |
| Intended use of the product: | Mechanically by wood pellets fed roomheater |
| Manufacturer | Cadel srl - Via Martiri della Libertà, 74 - 31025 S. Lucia di Piave (TV) - Italia |
| Mark | PEGASO |
| AVCP system | System 3 |
| Notified body | NB 1880 |
| Test report number | 1880-CPR-077TR-21 |
| Harmonised technical specification | EN 16510-1:2022 / EN 16510-2-6:2022 |

ESSENTIAL CHARACTERISTICS

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|--|--|------------------------|------------------------|
| Stability and mechanical resistance | Load bearing capacity | 20 kg | |
| Fire safety - protection of combustible materials | Minimum distance to combustible materials - bottom (dB) | 0 mm | |
| | Minimum distance to combustible materials - front floor (dF) | 400 mm | |
| | Minimum distance to combustible materials - ceiling (dC) | 750 mm | |
| | Minimum distance to combustible materials - rear (dR) | 200 mm | |
| | Minimum distance to combustible materials - side (dS) | 300 mm | |
| | Minimum distance to combustible materials - lateral radiation (dL) | 500 mm | |
| | Minimum distance to combustible materials - frontal radiation (dP) | 1000 mm | |
| | Thickness of protective insulating material | / | |
| | Thermal conductivity of protective insulating material (λ_d) | / | |
| | Flue temperature class | T200G | |
| Performance - Emissions | | Nominal power | Reduced power |
| | Carbon monoxide emissions (CO at 13% O ₂) | 159 mg/Nm ³ | 230 mg/Nm ³ |
| | Emission of nitrogen oxides (NOX at 13% O ₂) | 100 mg/Nm ³ | 130 mg/Nm ³ |
| | Emission of organic gaseous compounds (OGC at 13% O ₂) | 5 mg/Nm ³ | 5 mg/Nm ³ |
| | Particulate matter emissions (PM at 13% O ₂) | 15 mg/Nm ³ | 20 mg/Nm ³ |
| Performance - Power and efficiency | Heating power to the environment | 10,5 kW | 3,0 kW |
| | Heating power to the water | / | / |
| | Efficiency - Useful efficiency | 88 % | 90 % |
| Safe and accessible use - chimney installation data | Flue gas outlet temperature | 235 °C | 114 °C |
| | Minimum flue draught | 12 Pa | 2 Pa |
| | Flue gas mass flow | 8,0 g/sec | 4,0 g/sec |
| Energy efficiency index | Seasonal energy efficiency | 84 ηs [%] | |
| | Energy efficiency index | 124 | |
| | Energy efficiency class (A++ / G scale) | A+ | |
| | Electrical consumption at nominal heat output | 120 W | |
| | Electrical consumption at partial load heat output | 15 W | |
| | Electrical consumption in standby mode | 2,5 W | |
| Sustainable use of natural resources | Environmental sustainability information | NPD | |

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the responsibility of the manufacturer identified above.

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Santa Lucia di Piave, 22/09/25

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