

INFORMATION REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATIONS (EU) 2015/1185 - (EU) 2015/1186 (PRODUCT FICHE)

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|------------------------------------|---|
| Models | GRACE 7 UP-TWIN T2 |
| 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 |
| Trade mark | CADEL |
| AVCP system | System 3 |
| Notified body | NB 0051 |
| Test report number | CS25-0116840-01 |
| Harmonised technical specification | EN 16510-1:2022 / EN 16510-2-6:2022 |

ESSENTIAL CHARACTERISTICS

| | | | | | |
|--|--|--------------------|---------------------|------------------------|------------------------|
| Fuel | Log wood, moisture content $\leq 25\%$ | No | | | |
| | Compressed wood with moisture content $< 12\%$ | Yes | | | |
| Type of heat output/room temperature control (select one) | Single stage heat output, no room temperature control | No | | | |
| | Two or more manual stages, no room temperature control | No | | | |
| | With mechanic thermostat room temperature control | No | | | |
| | With electronic room temperature control | No | | | |
| | With electronic room temperature control plus day timer | No | | | |
| | With electronic room temperature control plus week timer | Yes | | | |
| Other control options (multiple selections possible) | Room temperature control, with presence detection | No | | | |
| | Room temperature control, with open window detection | No | | | |
| | With distance control option | Yes | | | |
| Performance - Emissions | No | Symbol | | Nominal power | Reduced power |
| | Carbon monoxide emissions (CO at 13% O ₂) | CO _{nom} | CO _{part} | 125 mg/Nm ³ | 295 mg/Nm ³ |
| | Emission of nitrogen oxides (NO _x at 13% O ₂) | NO _{xnom} | NO _{xpart} | 99 mg/Nm ³ | 110 mg/Nm ³ |
| | Emission of organic gaseous compounds (OGC at 13% O ₂) | OGC _{nom} | OGC _{part} | 2 mg/Nm ³ | 2 mg/Nm ³ |
| | Particulate matter emissions (PM at 13% O ₂) | PM _{nom} | PM _{part} | 15 mg/Nm ³ | 15 mg/Nm ³ |
| Performance - Power and efficiency | Heating power to the environment | P _{nom} | P _{part} | 6,9 kW | 2,5 kW |
| | Heating power to the water | P _{wnom} | P _{wpart} | / | / |
| | Efficiency - Useful efficiency | η_{nom} | η_{part} | 89 % | 90 % |
| Safe and accessible use - chimney installation data | Flue gas outlet temperature | T _{snom} | T _{spart} | 177 °C | 109 °C |
| | Minimum flue draught | p _{nom} | p _{part} | 12 Pa | 2 Pa |
| | Flue gas mass flow | $\phi_{f,g nom}$ | $\phi_{f,g part}$ | 4,6 g/sec | 3,0 g/sec |
| Space heating efficiency | Seasonal energy efficiency | η_s | 85 η_s [%] | | |
| | Energy efficiency index | EEL | 125 | | |
| | Energy efficiency class (A++ / G scale) | - | A+ | | |
| Auxiliary electricity consumption | Electrical consumption at nominal heat output | e _{lmax} | 0.067 kW | | |
| | Electrical consumption at partial load heat output | e _{lmin} | 0.020 kW | | |
| | Electrical consumption in standby mode | e _{lSB} | 0.000 kW | | |
| Sealed Chamber | Appliance Type (tightness) | Type | CC50 | | |

Observe the specific precautions for installation, assembly and maintenance indicated in the manual accompanying the product, and the national and local rules in force

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Santa Lucia di Piave, 18/06/25

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