

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

|                                    |   |
|------------------------------------|---|
| Models                             | RES 7 T2  |
| Intended use of the product:       | Residencial space heating appliance fired by wood pellets                         |
| Manufacturer                       | Cadel srl - Via Martiri della Libertà, 74 - 31025 S. Lucia di Piave (TV) - Italia |
| Trade mark                         | FREEPOINT   |
| 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**

|  |  |                    |                     |                        |                        |
|--|--|--------------------|---------------------|------------------------|------------------------|
| <b>Fuel</b>  | Log wood, moisture content $\leq 25\%$                             | No                 |                     |                        |                        |
|  | Compressed wood with moisture content $< 12\%$                     | Yes                |                     |                        |                        |
| <b>Type of heat output/room temperature control (select one)</b> | 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                |                     |                        |                        |
| <b>Other control options (multiple selections possible)</b>      | Room temperature control, with presence detection                  | No                 |                     |                        |                        |
|  | Room temperature control, with open window detection               | No                 |                     |                        |                        |
|  | With distance control option                                       | Yes                |                     |                        |                        |
| <b>Performance - Emissions</b>                                   | No   | Symbol             |                     | Nominal power          | Reduced power          |
|  | Carbon monoxide emissions (CO at 13% O <sub>2</sub> )              | CO <sub>nom</sub>  | CO <sub>part</sub>  | 125 mg/Nm <sup>3</sup> | 295 mg/Nm <sup>3</sup> |
|  | Emission of nitrogen oxides (NOX at 13% O <sub>2</sub> )           | NO <sub>xnom</sub> | NO <sub>xpart</sub> | 99 mg/Nm <sup>3</sup>  | 110 mg/Nm <sup>3</sup> |
|  | Emission of organic gaseous compounds (OGC at 13% O <sub>2</sub> ) | OGC <sub>nom</sub> | OGC <sub>part</sub> | 2 mg/Nm <sup>3</sup>   | 2 mg/Nm <sup>3</sup>   |
|  | Particulate matter emissions (PM at 13% O <sub>2</sub> )           | PM <sub>nom</sub>  | PM <sub>part</sub>  | 15 mg/Nm <sup>3</sup>  | 15 mg/Nm <sup>3</sup>  |
| <b>Performance - Power and efficiency</b>                        | Heating power to the environment                                   | P <sub>nom</sub>   | P <sub>part</sub>   | 6,9 kW                 | 2,5 kW                 |
|  | Heating power to the water   | P <sub>wnom</sub>  | P <sub>wpart</sub>  | /                      | /                      |
|  | Efficiency - Useful efficiency                                     | $\eta_{nom}$       | $\eta_{part}$       | 89 %                   | 90 %                   |
| <b>Space heating efficiency</b>                                  | Seasonal energy efficiency   | $\eta_s$           |                     | 85 $\eta_s$ [%]        |                        |
|  | Energy efficiency index  | EEL                |                     | 125                    |                        |
|  | Energy efficiency class (A++ / G scale)                            | -                  |                     | A+                     |                        |
| <b>Auxiliary electricity consumption</b>                         | Electrical consumption at nominal heat output                      | e <sub>lmax</sub>  |                     | 0.067 kW               |                        |
|  | Electrical consumption at partial load heat output                 | e <sub>lmin</sub>  |                     | 0.020 kW               |                        |
|  | Electrical consumption in standby mode                             | e <sub>lSB</sub>   |                     | 0.001 kW               |                        |
| <b>Sealed Chamber</b>  | 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, 23/04/26

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