

## Assessment of Performance Report *n.1880-AoP-077-21*

For the purposes of Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this Assessment of Performance Report under AVCP system 3 applies to the construction products

**Brand - Models:**  
**CADEL – ECLIPSE PLUS 11 T1**  
**CADEL – PRINCE PLUS 11 T1**  
**CADEL – KOBE PLUS 11 T1**  
**CADEL – FENICE PLUS 11 T1**

**Space heating in residential buildings and may be cooking - Mechanical by wood pellets fed roomheaters, inset appliances and cookers**

placed on the market under the name or trademark of

**CADEL S.R.L.**  
**Via Martiri della Libertà 74**  
**31025 S. Lucia di Piave (TV) - Italy**

This Assessment of Performance Report attests that the performance of the above-mentioned construction product has been assessed in accordance with the harmonized standard

**EN 16510-2-6:2022**

under AVCP system 3 with regard to the essential characteristics listed in Annex 1.

Basis of the assessment: testing and issuing of Test report 1880-CPR-077TR-21.

This Assessment of Performance Report has been drawn up in accordance with the GNB Position Paper NB-CPR 23/836 and covers only the essential characteristics listed in Annex 1. It is not an exhaustive statement of the performance of the product. The manufacturer is responsible for the Declaration of Performance of the product and can declare the performance of other essential characteristics than those mentioned in Annex 1.

This Assessment of Performance report is not considered a product certificate or a document to directly accompany neither the product nor the Declaration of Performance. See CPR Article 4(3).

This Assessment of Performance Report will remain applicable, under the manufacturer's responsibility, as long as neither the harmonised standard, the construction product, nor the AVCP methods are modified significantly.

September 22, 2025

Head of laboratory  
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## ANNEX 1

Essential characteristic	Performance	Basis for the assessment of performance
<b>Mechanical resistance and stability</b>		
Load bearing capacity	20 kg	declared by the manufacturer
<b>Safety in case of fire</b>		
Protection of combustible materials Minimum distance to combustible materials	bottom d <sub>B</sub> 0 cm floor in front d <sub>F</sub> 40 cm top d <sub>C</sub> 75 cm rear d <sub>R</sub> 20 cm side d <sub>S</sub> 30 cm side radiation d <sub>L</sub> 50 cm front d <sub>P</sub> 100 cm	Test report n. 1880-CPR-077TR-21
Protection of combustible materials Thickness - type of protective insulation	-	
<b>Hygiene, health and the environment</b>		
Emission of combustion products [ref. at 13% O <sub>2</sub> ]:	at nominal – part load heat output: CO 159 – 230 mg/m <sup>3</sup> NOx 100 – 130 mg/m <sup>3</sup> OGC 5 – 5 mg/m <sup>3</sup> PM 15 – 20 mg/m <sup>3</sup>	Test report n. 1880-CPR-077TR-21
<b>Safety and accessibility in use</b>		
Data for installation to a chimney at nominal – part load heat output:		
Flue gas outlet temperature	235 – 114 °C	Test report n. 1880-CPR-077TR-21
Minimum flue draught	12 – 8 Pa	
Flue gas mass flow	8,0 – 4,0 g/s	
Data for installation to a chimney regarding fire safety on safety test heat output:		
Fire safety of installation to a chimney	T200G	declared by the manufacturer
<b>Energy economy and heat retention</b>		
Appliance's thermal output and energy efficiency at nominal – part load heat output:		
Space heat output	10,5 – 3,0 kW	Test report n. 1880-CPR-077TR-21
Water heat output	- - - kW	
Efficiency	88 – 90 %	
Space heating efficiency		
Seasonal space heating efficiency at appliance's nominal heat output	84 %	Test report n. 1880-CPR-077TR-21
Energy efficiency	EEI 124	
	class A+	
Electric power consumption at appliance's nominal heat output	120 W	
Electric power consumption at appliance's part load heat output	15 W	
Standby mode power consumption	2,5 W	
<b>Sustainable use of natural resources</b>		
Environmental sustainability	NPD	declared by the manufacturer