

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

Models	CRISTAL PLUS 9 K1
Intended use of the product:	
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	CS26-0136975-01
Harmonised technical specification	EN 16510-1:2022 / EN 16510-2-6:2022

ESSENTIAL CHARACTERISTICS

Fuel	Log wood, moisture content $\leq 25\%$				
	Compressed wood with moisture content $< 12\%$				
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				
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				
Performance - Emissions	No	Symbol		Nominal power	Reduced power
	Carbon monoxide emissions (CO at 13% O ₂)	CO _{nom}	CO _{part}	159 mg/Nm ³	230 mg/Nm ³
	Emission of nitrogen oxides (NOX at 13% O ₂)	NO _{xnom}	NO _{xpart}	100 mg/Nm ³	130 mg/Nm ³
	Emission of organic gaseous compounds (OGC at 13% O ₂)	OGC _{nom}	OGC _{part}	1 mg/Nm ³	3 mg/Nm ³
	Particulate matter emissions (PM at 13% O ₂)	PM _{nom}	PM _{part}	7 mg/Nm ³	20 mg/Nm ³
Performance - Power and efficiency	Heating power to the environment	P _{nom}	P _{part}	8,5 kW	3,2 kW
	Heating power to the water	P _{wnom}	P _{wpart}	/	/
	Efficiency - Useful efficiency	η_{nom}	η_{part}	90 %	90 %
Space heating efficiency	Seasonal energy efficiency	η_s	86 η_s [%]		
	Energy efficiency index	EEI	127		
	Energy efficiency class (A++ / G scale)	-	A+		
Auxiliary electricity consumption	Electrical consumption at nominal heat output	el _{max}	0.112 kW		
	Electrical consumption at partial load heat output	el _{min}	0.038 kW		
	Electrical consumption in standby mode	el _{SB}	0.002 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

CADEL S.r.l.
Via Martiri della Libertà, 74
31025 SANTA LUCIA DI PIAVE (TV)
Tel. 0438 1520200 - Fax 0438.73343
Partita IVA 06200210265
R.E.A. TV 227665 - Reg. Soc. Trib. TV 189948

Santa Lucia di Piave, 01/07/26

Dassie Roberto (R&D Manager)