CADEL

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

Models	MITHOS PLUS 14 UP-TWIN 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	CADEL
AVCP system	System 3
Notified body	NB 0051
Test report number	CS25-0121447-01
Harmonised technical specification	EN 16510-1:2022 / EN 16510-2-6:2022

ESSENTIAL CHARACTERISTICS

Fuel	Log wood, moisture content ≤ 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	
	Rroom 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% O2)	COnom	COpart	125 mg/Nm³	140 mg/Nm³
	Emission of nitrogen oxides (NOX at 13% O2)	NOxnom	NOxpart	99 mg/Nm³	120 mg/Nm³
	Emission of organic gaseous compounds (OGC at 13% O2)	OGCnom	OGCpart	2 mg/Nm³	10 mg/Nm³
	Particulate matter emissions (PM at 13% O2)	PMnom	PMpart	15 mg/Nm³	17 mg/Nm³
Performance - Power and efficiency	Heating power to the environment	Pnom	Ppart	13,7 kW	3,7 kW
	Heating power to the water	Pwnom	PWpart	/	/
	Efficiency - Useful efficiency	ηnom	ηpart	88 %	90 %
Space heating efficiency	Seasonal energy efficiency	ηs		83 ηs [%]	
	Energy efficiency index	EEI		123	
	Energy efficiency class (A++ / G scale)	-		A+	
Auxiliary electricity consumption	Electrical consumption at nominal heat output	elmax		0.155 kW	
	Electrical consumption at partial load heat output	elmin		0.063 kW	
	Electrical consumption in standby mode	elSB		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

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