

Technical documentation according to Regulation EU 2015/1185

Manufacturer	Panadero AB, S.L						
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THIS DECLARATION OF CONFORMITY IS ISSUED FOR THE FOLLOWING PRODUCT:							
Model identifiers	CASTILLA Ecodesign Nº 18723						
Equivalent models							
Notified body and test reports	Nº 1045 30-12098/T3; 39-13896/2/T						
Harmonized technical specification	EN 13240:2001 & A2:2004; EN 16510-1						
Other applied standards/technical specification	CEN/TS 15883:2010						
Indirect heating functionality:	No						
Indirect heat output	0 kW						
Direct heat output	8 kW						
Efficiency at nominal heat output	77 %						
Energy Efficiency Index (EEI):	101.65						
Seasonal space heating energy efficiency	67%						
FUEL	PREFERRED FUEL	OTHER SUITABLE FUEL	η_s (%)	EMISSIONS AT NOMINAL HEAT OUTPUT			
				PM	OGC mg/ Nm ³ (13% O ₂)	CO	NO _x
Wood logs with moisture content $\leq 20\%$	Yes	No	77	30	70	1250	160
Compressed wood with moisture content $\leq 12\%$	No	Yes					
				EMISSIONS AT NOMINAL HEAT OUTPUT			
				PM	OGC mg/ Nm ³ (13% O ₂)	CO	NO _x
				N/A	N/A	N/A	N/A
CHARACTERISTICS WHEN OPERATING WITH THE PREFERRED FUEL							
ITEM	SYMBOL	VALUE	UNIT	ITEM	SYMBOL	VALUE	UNIT
HEAT OUTPUT				USEFUL EFFICIENCY, BASED ON NET CALORIFIC VALUE (NCV)			
Nominal heat output:	P_{nom}	8	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	77	%
Minimum heat output	P_{min}	N/A.	kW	Useful efficiency at minimum heat output	$\eta_{th,min}$	N/A	%
AUXILIARY ELECTRICITY CONSUMPTION				TYPE OF HEAT OUTPUT/ROOM TEMPERATURE CONTROL			
At nominal heat output	$e_{l,max}$	N/A	kW	Single stage heat output, no room temperature control			Yes
At minimum heat output	$e_{l,min}$	N/A	kW	Two or more manual stages, no room temperature control			No
In standby mode	$e_{l,SB}$	N/A	kW	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			No
POWER REQUIEREMENT OF THE PILOT FLAME				OTHER CONTROL OPTIONS			
Pilot flame power requirement	P_{pilot}	N/A	kW	Room temperature control, with presence detection			No
				Room temperature control, with open window detection			No
				With distance control option			No
Specific precautions for assembly, installation, or maintenance.	Fire protection and safety distances to combustible building materials must be observed under all circumstances. A sufficient supply of combustion air must always be guaranteed. Air suction systems can interfere with the combustion air supply.						

The undersigned is responsible for the manufacture and conformity with the declared performance.

