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	Quercus Ecodesign Nº 23020
Equivalent models	
Notified body and test reports	SZU Nº 1045/30-16735/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	7 kW
Efficiency at nominal heat output	80,7 %
Energy Efficiency Index (EEI):	107,015
Seasonal space heating energy efficiency	70,7%

FUEL	**PREFERRED FUEL**	**OTHER SUITABLE FUEL**	**η S (%)**	**EMISSIONS AT NOMINAL HEAT OUTPUT** PM	OGC	CO	NO_X
					mg/ Nm^3 (13% O)		
Wood logs with moisture content ≤20%	Yes	No	80,7	30	70	1250	160
Compressed wood with moisture content ≤12%	No	Yes					
				EMISSIONS AT NOMINAL HEAT OUTPUT PM	OGC	CO	NO_X
					mg/ Nm^3 (13% O)		
				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}	7	kW	Useful efficiency at nominal heat output	**$\eta_{th,nom}$**	80,7	%
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	el_{max}	N/A	kW	Single stage heat output, no room temperature control			Yes
At minimum heat output	el_{min}	N/A	kW	Two or more manual stages, no room temperature control			No
In standby mode	el_{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 requierement	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.

Miguel Panadero Denia, Owner
Albacete, 15.11.2023