

ECO DESIGN 2022

ETAs (ηs) THEMA H2O 21 n° 2022-302

COMMISSION REGULATION (EU) 2015/1185 of 24 April 2015 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for solid fuel local space heaters.

Model identifier(s):	THEMA H2O 21										
Indirect heating functionality: [yes/no]	YES										
Direct heat output: (kW)	2,0										
Indirect heat output: (kW)				I.	17,3						
Fuel	Preferred fuel (only one):	Other suitable fuel(s):	ηs [x %]:	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*) (**)			
				PM	OGC	СО	NOx	PM	OGC	СО	NOx
				[x] mg/Nm³ (13% O ₂)			[x] mg/Nm³ (13% O ₂)				
Wood logs with moisture content ≤ 25 %	NO	NO									
Compressed wood with moisture content < 12 %	YES	NO	87,9	11	2	57	115	17	3	144	115
Other woody biomass	NO	NO									
Non-woody biomass	NO	NO									
Anthracite and dry steam coal	NO	NO									
Hard coke	NO	NO									
Low temperature coke	NO	NO									
Bituminous coal	NO	NO									
Lignite briquettes	NO	NO									
Peat briquettes	NO	NO									
Blended fossil fuel briquettes	NO	NO									
Other fossil fuel	NO	NO									
Blended biomass and fossil fuel briquettes	NO	NO									
Other blend of biomass and solid fuel	NO	NO									



Characteristics when operation	ng with th	ne preferre	d fuel or	ly					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Heat output				Useful efficiency (NCV as received)					
Nominal heat output	Pnom	19,3	kW	Useful efficiency at nominal heat output	ηth,nom	91,6	%		
Minimum heat output (indicative)	Pmin	7,4	kW	Useful efficiency at minimum heat output (indicative)	ηth,min	95,5	%		

Auxiliary electricity consumption							
At nominal heat output	elmax	0,084	kW				
At minimum heat output	elmin	0,055	kW				
In standby mode	elsв	0,004	kW				
Permanent pilot flame power requirement							
Pilot flame power requirement (if applicable)	Ppilot	ilot N.A. k					

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 possil	ole)
Room temperature control, with presence detection	NO
Room temperature control, with open window detection	NO
With distance control option	NO

Contact details

Name and address of the manufacturer or its authorised representative

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San Vendemiano, 01.12.2021

Signed for and on behalf of the manufacturer by **Andrea Canzian**, Technical Manager

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^(*) PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NOx = nitrogen oxides.

^(**) Only required if correction factors F(2) or F(3) are applied.