

## **ECO DESIGN 2022**

ETAs (ηs) ANDY PLUS n° 2022-102

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):	ANDY PLUS										
Indirect heating functionality: [yes/no]	NO										
Direct heat output: (kW)	8,0										
Indirect heat output: (kW)	//										
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 <sub>2</sub> )			[x] mg/Nm³ (13% O <sub>2</sub> )				
Wood logs with moisture content ≤ 25 %	NO	NO									
Compressed wood with moisture content < 12 %	YES	NO	79,1	9	5	66	99	17	20	370	84
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 operating with the preferred fuel only										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Heat output				Useful efficiency (NCV as	s received)					
Nominal heat output	Pnom	8,0	kW	Useful efficiency at nominal heat output	ηth,nom	90,7	%			
Minimum heat output (indicative)	Pmin	3,4	kW	Useful efficiency at minimum heat output (indicative)	ηth,min	94,5	%			

Auxiliary electricity consumption							
At nominal heat output	elmax	elmax <b>0,192</b>					
At minimum heat output	elmin	0,110	kW				
In standby mode	elsв	0,004	kW				
Permanent pilot flame power requirement							
Pilot flame power requirement (if applicable)	Ppilot <b>N.A.</b>		kW				

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 possib	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

(\*) 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.

www.csthermos.it info@csthermos.it Tel. +39 0438 62717 **CS THERMOS SRL** 

Via Padania, 35

31020 SAN VENDEMIANO (TV)

ITALIA

San Vendemiano, 01.12.2021

Signed for and on behalf of the manufacturer by

Andrea Canzian, Technical Manager