ECODESIGN REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 IMPLEMENTING DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Model Identifier(s):	**Trade mark** THERMOROSSI	**Model(s)** PIDRA 21 EVO6
Indirect heating functionality:	yes	
Direct heat output:	2,4	
Indirect heat output:	18,0	

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	η_s [%]:	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*) (**)			
				PM	OGC	CO	NO_x	PM	OGC	CO	NO_x
				mg/Nm^3 (13%O_2)				mg/Nm^3 (13%O_2)			
Wood logs with moisture content ≤ 25 %	no	no									
Compressed wood with moisture content < 12 %	yes	no	84	7	1	213	100	17	2	156	77
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									
Bituminus 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
Heat output			
Nominal heat output	P_{nom}	20,4	kW
Minimum heat output (indicative)	P_{min}	7,1	kW
Auxiliary elettricity consumption			
At nominal heat output	el_{max}	0,046	kW
At minimum heat output	el_{min}	0,015	kW
In standby mode	el_{SB}	0,003	kW
Permanent pilot flame power requirement			
Pilot flame power requirement (if applicable)	P_{pilot}	n.p.	kW

Item	Symbol	Value	Unit
Useful efficiency (NCV as received)			
Nominal heat output	$\eta_{th,nom}$	93,9	%
Minimum heat output (indicative)	$\eta_{th,min}$	94,8	%
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 eletronic room tempearture control		no	
with eletronic room tempearture control plus day timer		no	
with eletronic room tempearture control plus week timer		no	
Other control options (multiple selections possible)			
room temperature control, with presence detector		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**
+39 0445 741310 +39 0445 741657 export@thermorossi.it www.thermorossi.com	**THERMOROSSI S.p.A.** Via Grumulo, 4 - 36011 Arsiero (VI) - IT

(*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NO_x = nitrogen oxides

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

Note:

F(2)	0,0
F(3)	0,0
F(4)	0,3
Test report nr.	0476-AoP-CPR-2014818
Extended models	See "Appliances in extension"

Appliances in extension

The manufacturer has not declared any extended models.