

Information requirements for solid fuel local space heaters

EU 2015/1186 of 24 April 2015

Model identifier(s):	Hestia Solo Tunnel
Indirect heating functionality: [yes/no]	No
Direct heat output...(kW)	1,6
Indirect heat output...(kW):	-

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	η_s [%]:	Emissions from space heating at nom (*)			
				PM	OGC	CO	Nox
				(x)mg/Nm ³ (13% O ₂)			
Wood logs with moisture content < 25%	Yes	No	86	32	113	1140	97
Compressed wood with moisture content < 12%	No	No					
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

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Useful efficiency (NCV as received)			
Nominal heat output	P_{nom}	1,6	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	86	%
Minimum heat output (indicative)	P_{min}	-	kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	-	%
Auxiliary electricity consumption				Type of heat output/room temperature control (select one)			
At nominal heat output	$e_{l,max}$	-	kW	single stage heat output, no room temperature control		[yes/no]	Yes
At minimum heat output	$e_{l,min}$	-	kW	two or more manual stages, no room temperature control		[yes/no]	No
In standby mode	$e_{l,SB}$	-	kW	with mechanic thermostat room temperature control		[yes/no]	No
Permanent pilot flame power requirement				with electronic room temperature control		[yes/no]	No
Pilot flame power requirement (if applicable)	P_{pilot}	-	kW	with electronic room temperature control plus day timer		[yes/no]	No
				with electronic room temperature control plus week timer		[yes/no]	No
				Other control options (multiple selections possible)			
				room temperature control, with presence detection		[yes/no]	No
				room temperature control, with open window detection		[yes/no]	No
				with distance control option		[yes/no]	No

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