

Ecodesign declaration 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 and Energy Label requirements according to commission regulation (EU) 2015/1186

Type:	EN 13240
Indirect heating functionality:	No
Direct Heat Output (space heat output):	7,8 kW
Indirect heat output (water heat output):	-
Company:	Klover s.r.l.
Brand:	Klover
Model (s):	DUALA, DLA, DLAS
Notified Body:	Kiwa Cermet s.r.l. (Notified Body 0476)
Test Report:	C-924

Fuel	Preferred fuel (only one):	Other suitable fuel (s)	η_s [%]	Seasonal heating emission							
				At nominal heat output				At minimum heat output			
				PM	OGC	CO	NOx	PM	OGC	CO	NOx
mg/Nm ³ 13% O ₂ (*) (**)											
Log wood, moisture content \leq 25 %	yes	no	69,30	22	65	1122	92				
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 only:

Seasonal space heating energy efficiency η_s [%]: 69.3				
Energy efficiency index EEI: 104,99		Energy efficiency class: A		
Item	Value	Item	Symbol	Value
Type of heat output/room temperature control (select one)		Heat output		
Single stage heat output, no room temperature control	no	Nominal heat output	P _{nom}	7,8 kW
Two or more manual stages, no room temperature control	no	Minimum heat output	P _{min}	- kW
With mechanic thermostat room temperature control	no	Useful efficiency (NCV as received)		
With electronic room temperature control	no	Nominal heat output	$\eta_{th, nom}$	79,3 %
With electronic room temperature control plus day timer	no	Minimum heat output	$\eta_{th, min}$	- %
With electronic room temperature control plus week timer	no	Auxiliary electricity consumption		
Other control options (multiple selections possible)		Nominal heat output	e _{l, max}	- kW
Room temperature control, with presence detector	no	Minimum heat output	e _{l, min}	- kW
Room temperature control, with open windows detection	no	In standby mode	P _{SB}	- kW
With distance control option	no	Permanent pilot flame power requirement		
		Pilot flame power requirement (if applicable)	P _{pilot}	n.p. kW

Contact details	Name and address of the manufacturer or its authorised representative
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(*) PM = Particulate Matter, OGC = Organic Gaseous Compounds, CO = Carbon monoxide, NOx = Nitrogen Oxides

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


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according to commission regulation (EU) 2015/1185 implementing directive 2009/125/EC of the european parliament and of the council and Energy Label requirements according to commission regulation (EU) 2015/1186

Type:	EN 14785
Indirect heating functionality:	No
Direct Heat Output (space heat output):	7,4 kW
Indirect heat output (water heat output):	-
Company:	Klover s.r.l.
Brand:	Klover
Model (s):	Soft 80, Soft 80 Duo, Soft 80 Plus, Oblò, Brera, Super 7
Notified Body:	Kiwa Cermet s.r.l. (Notified Body 0476)
Test Report:	6002365 / C-414

Fuel	Preferred fuel (only one):	Other suitable fuel (s)	η_s [%]	Seasonal heating emission								
				At nominal heat output				At minimum heat output				
				PM	OGC	CO	NOx	PM	OGC	CO	NOx	
mg/Nm ³ 13% O ₂ (*) (**)												
Log wood, moisture content \leq 25 %	no	no										
Compressed wood with moisture content < 12 %	yes	no	82	15	10	153	112	21	37	670	79	
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:

Seasonal space heating energy efficiency η_s [%]: 82					
Energy efficiency index EEI: 124		Energy efficiency class: A+			
Item	Value	Item	Symbol	Value	Unit
Type of heat output/room temperature control (select one)		Heat output			
Single stage heat output, no room temperature control	no	Nominal heat output	P _{nom}	7,4	kW
Two or more manual stages, no room temperature control	no	Minimum heat output	P _{min}	2,6	kW
With mechanic thermostat room temperature control	no	Useful efficiency (NCV as received)			
With electronic room temperature control	no	Nominal heat output	$\eta_{th,nom}$	92,5	%
With electronic room temperature control plus day timer	no	Minimum heat output	$\eta_{th,min}$	94,6	%
With electronic room temperature control plus week timer	yes	Auxiliary electricity consumption			
Other control options (multiple selections possible)		Nominal heat output	e _{l,max}	0,030	kW
Room temperature control, with presence detector	no	Minimum heat output	e _{l,min}	0,010	kW
Room temperature control, with open windows detection	no	In standby mode	P _{SB}	0,003	kW
With distance control option	no	Permanent pilot flame power requirement			
		Pilot flame power requirement (if applicable)	P _{pilot}	n.p.	kW

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