

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 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, Silent 8 Vertical 80
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 ≤ 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

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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