

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

Model(s): TP 28

Indirect heating functionality: no

Direct heat output: 21,3(kW)

Indirect heat output: 2,2 (kW)

Test report: TCS-22-001

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	η_s [%]:	Space heating emissions at nominal heat output (1)				Space heating emissions at minimum heat output (2) (3)			
				PM	OGC	CO	NO _x	PM	OGC	CO	NO _x
				[x] mg/Nm ³ (13 % O ₂)				[x] mg/Nm ³ (13 % O ₂)			
Wood logs with moisture content ≤ 25 %	no	no						-----	-----	-----	-----
Compressed wood with moisture content < 12 %	yes	no		15	9	135	97	-----	109	555	140
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

Energy Efficiency Index (EEI) 86

Energy Efficiency Class A

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Useful efficiency (NCV as received)			
Nominal heat output	P _{nom}	23,5	kW	Useful efficiency at nominal heat output	$\eta_{th, nom}$	90,6	%
Minimum heat output (indicative)	P _{min}	6,4	kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th, min}$	89	%
Auxiliary electricity consumption				Type of heat output/room temperature control (select one)			
At nominal heat output	el _{max}	0,18	kW	single stage heat output, no room temperature control	no		
At minimum heat output	el _{min}	0,09	kW	two or more manual stages, no room temperature control	no		
In standby mode	el _{sb}	0,001	kW	with mechanic thermostat room temperature control	no		
Permanent pilot flame power requirement				with electronic room temperature control	no		
Pilot flame power requirement (if applicable)	P _{pilot}	N/A	kW	with electronic room temperature control plus day timer	no		
				with electronic room temperature control plus week timer	yes		
				Other control options (multiple selections possible)			
				room temperature control, with presence detection	no		
				room temperature control, with open window detection	no		
				with distance control option	yes		

Contact Details	Name and address of the manufacturer or its authorised representative
Phone: +90 352 321 28 11 Website: www.daiwa.com.tr - www.teba.com.tr e-mail: aral@aralmakina.com.tr	Aral Makina - Daiwa Isıtma Cihazları 8. Sk. No:16, 38070 Kayseri Osb/Melikgazi/Kayseri

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

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