

**TECHNICAL DOCUMENTATION FOR LOCAL SPACE HEATERS ACCORDING TO
REGULATION EU 2015/1185 AND 2015/1186**

Description: Local space heater and cooker fired by wood logs

Fuel Description: Wood logs with moisture content $\leq 25\%$

Harmonized Standard: EN 16510

İFYIL - ZİGANA/STAR

Indirect heating functionality: YES

Direct heat output: 5,0 kW (space heat output)

Indirect heat output: 18,0 kW (water heat output)

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	η_s (x%):	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*) (**)			
				PM	OGC	CO	NOx	PM	OGC	CO	NOx
				(x) mg/Nm ³ at 13 % O ₂				(x) mg/Nm ³ at 13 %O ₂			
Wood logs with moisture content $\leq 25\%$	YES	NO	74,8	25	10	1477	127	-	-	-	-
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 [%]: **74,8**

Energy efficiency index EEI: **113**

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Useful efficiency (NCV as received)			
Nominal heat output	P_{nom}	23,0	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	84,9	%
Minimum heat output (indicative)	P_{min}	N.A.	kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	N.A.	%
Auxiliary electricity consumption				Type of heat output/room temperature control (select one)			
At nominal heat output	e_{lmax}	0,028	kW	single stage heat output, no room temperature control		YES	
At minimum heat output	e_{lmin}	0,011	kW	two or more manual stages, no room temperature control		NO	
In standby mode	e_{lsb}	0,001	kW	with mechanic thermostat room temperature control		NO	
Permanent pilot flame power				with electronic room temperature		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		NO	
				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		NO	
Contact details	Name and address of the manufacturer or its authorised representative.						
Tel. +90 850 346 0 362 www.ifyil.com.tr info@ifyil.com.tr	Manufacturer: İFYİL TERMO İKLİMLENDİRME SAN. TİC. LTD. ŞTİ. Kavak OSB 3. Cad. No: 11 Kavak/Samsun/TURKEY						

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

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

Issue date: 15.10.2021

General Manager

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