

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

**Description:** Local space heater fired by wood logs

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

**Harmonized Standard:** EN 16510

**İFYIL - TOROS/HAMMAM**

**Indirect heating functionality:** YES

**Direct heat output:** 4,0 kW (space heat output)

**Indirect heat output:** 16,6 kW (water heat output)

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	$\eta_s$ (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 <sup>3</sup> at 13 % O <sub>2</sub>				(x) mg/Nm <sup>3</sup> at 13 %O <sub>2</sub>			
Wood logs with moisture content $\leq 25\%$	<b>YES</b>	<b>NO</b>	<b>72,7</b>	<b>21</b>	<b>11</b>	<b>935</b>	<b>108</b>	-	-	-	-
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  $\eta_s$  [%]: **72,7**

Energy efficiency index EEI: **110**

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
<b>Heat output</b>				<b>Useful efficiency (NCV as received)</b>			
Nominal heat output	$P_{nom}$	<b>20,6</b>	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	<b>82,9</b>	%
Minimum heat output (indicative)	$P_{min}$	<b>N.A.</b>	kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	<b>N.A.</b>	%
<b>Auxiliary electricity consumption</b>				<b>Type of heat output/room temperature control (select one)</b>			
At nominal heat output	$e_{lmax}$	<b>0,028</b>	kW	single stage heat output, no room temperature control		<b>YES</b>	
At minimum heat output	$e_{lmin}$	<b>0,011</b>	kW	two or more manual stages, no room temperature control		<b>NO</b>	
In standby mode	$e_{lsb}$	<b>0,001</b>	kW	with mechanic thermostat room temperature control		<b>NO</b>	
<b>Permanent pilot flame power</b>				with electronic room temperature		<b>NO</b>	
Pilot flame power requirement (if applicable)	$P_{pilot}$	<b>N.A.</b>	kW	with electronic room temperature control plus day timer		<b>NO</b>	
				with electronic room temperature control plus week timer		<b>NO</b>	
				<b>Other control options (multiple selections possible)</b>			
				room temperature control, with presence detection		<b>NO</b>	
				room temperature control, with open window detection		<b>NO</b>	
				with distance control option		<b>NO</b>	
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<sub>x</sub> = nitrogen oxides

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

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General Manager

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