

TECHNICAL DOCUMENTATION FOR LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1187 AND 2015/1186

Manufacturer	Edilkamin S.p.A.
Trademark	Edilkamin
Model Identifier	H2Oceano 15
Equivalent Models	Idro 50
Description	Trademark Italiana Camini Manually fed closed inset appliance fitted with a boiler burning wood logs
Indirect heating functionality	yes
Direct heat output (space heat output)	8,4 kW
Indirect heat output (water heat output)	8,2 kW
CPR harmonised standard	EN 13229
Notified Body	TUV Rheinland Energie und Umwelt GmbH -NB2456

Fuel	Preferred fuel (only one)	Other suitable fuel(s)	Space heating emissions at nominal heat output(*)				Space heating emissions at minimum heat output(**)			
			PM	OGC	CO	NO _x	PM	OGC	CO	NO _x
			mg/m ³ at 13%O ₂				mg/m ³ at 13%O ₂			
Wood log, moisture content ≤ 25 %	yes	no	16	59	1181	101				
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								

 (*) 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.

Observe the specific precautions for installation, assembly and maintenance indicated in the manual accompanying the product

Up to 1/1/2022	
η _s [%]	73,1
EEI [%]	110
Energy Efficiency Class	A+

From 1/1/2022	
η _s [%]	73,1
EEI [%]	110
Energy Efficiency Class	A+

Calculations according to the council commission regulation (EU) 2015/1186 and 2015/1185

Characteristics when operating with the preferred fuel

$$EEI = (\eta_{s, on} \cdot BLF) - 10\% + I(2) + I(3) - I(4) - I(5) \quad BLF = 1,45 \quad \eta_{s, on} = \eta_{th, nom}$$

$$\eta_{s, on} = \eta_{s, on} - 10\% + I(2) + I(3) - I(4) - I(5)$$

Characteristics when operating with the preferred fuel

Heat output			
Item	Symbol	Value	Unit
Nominal heat output	P_{nom}	16,6	kW
Minimum heat output (indicative)	P_{min}	na	kW

Auxiliary electricity consumption			
Item	Symbol	Value	Unit
At nominal heat output	el_{max}	0,000	kW
At minimum heat output	el_{min}	0,000	kW
In standby mode	el_{sb}	0,000	kW

$$F(4) = CC \cdot \frac{0.2 \cdot el_{max} + 0.8 \cdot el_{min} + 1.3 \cdot el_{sb}}{P_{nom}} \cdot 100[\%]$$

F(4) **0,0 %** CC = 2,5

Permanent pilot flame power requirement			
Item	Symbol	Value	Unit
Pilot flame power requirement (if)	P_{pilot}	N.A.	kW

F(5) **0,0 %**

$$F(5) = 0.5 \cdot \frac{P_{pilot}}{P_{nom}} \cdot 100[\%]$$

Useful efficiency (NCV as received)			
Item	Symbol	Value	Unit
Useful efficiency at nominal heat output	$\eta_{th,nom}$	83,1	%
Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	na	%

Type of heat output/room temperature control (select one)	
single stage heat output, no room temperature control	YES
two or more manual stages, no room temperature control	NO
with mechanic thermostat room temperature control	NO
with electronic room temperature control	NO
with electronic room temperature control plus day timer	NO
with electronic room temperature control plus week timer	NO

F(2) **0,0 %** up to 2022

F(2) **0,0 %** from 2022

Other control options (multiple selections possible)	
room temperature control, with presence detection	NO
room temperature control, with open window	NO
with distance control option	NO

F(3) **0,0 %**

Contact details
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