

ECODESIGN REQUIREMENTS FOR LOCAL SPACE HEATERS ACCORDING TO DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL - COMMISSION REGULATION (EU) 2015/1185 -

EDILKAMIN SPA – IDROPELLBOX 30

Indirect heating functionality: YES

Direct heat output: 5.0 kW (space heat output)

Indirect heat output: 22.0 kW (water heat output)

Fuel	Preferred fuel (only one):	Other suitable fuel(s):	η_s [%]:	Space heating emissions at nominal heat output(*)				Space heating emissions at minimum heat output(*)(**)					
				PM	OGC	CO	NOx	PM	OGC	CO	NOx		
				mg/m ³ at 13%O ₂				mg/m ³ at 13%O ₂					
Log wood, moisture content ≤ 25 %	no	no											
Compressed wood with moisture content < 12 %	yes	yes	86.8	17	2	162	131	20	3	221	115		
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:							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Useful efficiency (NCV as received)			
Nominal heat output	P_{nom}	27.0	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	90.4	%
Minimum heat output (indicative)	P_{min}	8.3	kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	94.3	%
Auxiliary electricity consumption				Type of heat output/room temperature control (select one)			
At nominal heat output	$e_{l,max}$	0.120	kW	single stage heat output, no room temperature control	NO		
At minimum heat output	$e_{l,min}$	0.040	kW	two or more manual stages, no room temperature control	NO		
In standby mode	$e_{l,SB}$	0.004	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	NO		
Contact details	Name and address of the manufacturer or its authorized representative.						
Tel. +39 02 937621 www.edilkamin.it mail@edilkamin.it	Manufacturer: EDILKAMIN SPA Via Mascagni 7 20020 Lainate (MI) – ITALY						

(*) 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: June 29, 2018

Head of Test Laboratory
Dr.ssa Claudia Marcuzzi