

TECHNICAL DOCUMENTATION FOR LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 AND 2015/1186

Manufacturer	Edilkamin S.p.A.
Trademark	Edilkamin
Model Identifier	Idropellbox
Indirect heating functionality	yes
Direct heat output (space heat output)	2,5 kW
Indirect heat output (water heat output)	20,0 kW
CPR harmonised standard	EN 14785
Notified Body	Istituto Masini (Rho, MI, Italy) NB 0068

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	NOx	PM	OGC	CO	NOx	
			mg/m3 at 13%O2				mg/m3 at 13%O2				
Wood log, moisture content ≤ 25 %	no	no									
Compressed wood with moisture content < 12 %	yes	yes	18	6	176	156	no	no		347	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, NOx = 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 [%]	87,9
EEI [%]	129
Energy Efficiency Class	A+

From 1/1/2022	
η_s [%]	80,9
EEI [%]	122
Energy Efficiency Class	A+

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

Characteristics when operating with the preferred fuel

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

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

