KAWMET
ODLEWNIA ŻELIWA

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TECHNICAL DOCUMENTATION FOR SOLID FUEL LOCAL SPACE HEATER

According to:
Commission Regulation (EU) 2015/1185 of 24 April 2015 implementing Directive 2009/125/EC of the European Parliament and of the Council Commission Delegated Regulation (EU) 2015/1186 supplementing Directive 2010/30/EU of the European Parliament and of the Council

Model identifier	**KAWMET W16 PB (13,5 kW) ECO**
Indirect heating functionality	no
Direct heat output	13,5 (kW)
Indirect heat output	N.A. (kW)

FUEL	PREFFERED FUEL	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/Nm³ (13 % O_2)				[x] mg/Nm³ (13 % O_2)			
Wood logs with moisture content ≤ 25 %	yes	no	70,4	47	108	1482	77				
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	
Seasonal space heating energy efficiency η_s [%]	70,4
Energy Efficiency Index (EEI) [%]	107

ITEM	SYMBOL	VALUE	UNIT
HEAT OUTPUT			
Nominal heat output	P_{nom}	13,5	kW
Minimum heat output (indicative)	P_{min}	N.A.	kW
AUXILIARY ELECTRICITY CONSUMPTION			
At nominal heat output	el_{max}	x,xxx	kW
At minimum heat output	el_{min}	x,xxx	kW
In standby mode	el_{SB}	x,xxx	kW
PERMAMENT PILOT FLAME POWER REQUIREMENT			
Pilot flame power requirement (if applicable)	P_{pilot}	N.A.	kW

ITEM	SYMBOL	VALUE	UNIT
USEFUL EFFICIENCY (NCV AS RECEIVED)			
Useful efficiency at nominal heat output	$\eta_{th,nom}$	80,4	%
Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	N.A.	%
TYPE OF HEAT OUTPUT / ROOM TEMPERATURE CONTROL			
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	
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	

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(*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NOx = nitrogen oxides
(**) Only required if correction factors F(2) or F(3) are used.

The technical documentation was prepared on the basis of the results of tests carried out by the Oil and Gas Institute - National Research Instituteprovided in test reports No. 4233 A1 22 / 4233 B1 22. Notified Body No. 1450.

Zadąbrowie 15.03.2022
Date and place of update

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Signed for and on behalf of the manufacturer by:
CEO Marek Kawiński