

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 VENUS S16 ECO								
Indirect heating functionality				no								
Direct heat output				9,5 (kW)								
Indirect heat output				N.A. (kW)								
FUEL	PREFERRED FUEL	OTHER SUITABLE FUEL(S)	η_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	
				[x] mg/Nm ³ (13 % O ₂)				[x] mg/Nm ³ (13 % O ₂)				
Wood logs with moisture content ≤ 25 %	yes	no	70,9	35	102	1114	115					
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 [%]								70,9				
Energy Efficiency Index (EEI) [%]								107				
ITEM	SYMBOL	VALUE	UNIT		ITEM	SYMBOL	VALUE	UNIT				
HEAT OUTPUT					USEFUL EFFICIENCY (NCV AS RECEIVED)							
Nominal heat output	P _{nom}	9,5	kW		Useful efficiency at nominal heat output	$\eta_{th,nom}$	80,9	%				
Minimum heat output (indicative)	P _{min}	N.A.	kW		Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	N.A.	%				
AUXILIARY ELECTRICITY CONSUMPTION					TYPE OF HEAT OUTPUT / ROOM TEMPERATURE CONTROL							
At nominal heat output	e _{l,max}	x,xxx	kW		single stage heat output, no room temperature control		yes					
At minimum heat output	e _{l,min}	x,xxx	kW		two or more manual stages, no room temperature control		no					
In standby mode	e _{l,SB}	x,xxx	kW		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					
PERMAMENT PILOT FLAME POWER REQUIREMENT												
Pilot flame power requirement (if applicable)	P _{pilot}	N.A.	kW									
Contact details	ODLEWNIA KAW-MET MAREK KAWIŃSKI Sp.z o.o. / ZADĄBROWIE 311 / 37-716 / ORŁY / POLAND +48 166 72 48 10 / info@kawmet.pl											
(*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NO _x = 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, provided in test reports No. Nr 4226 A3 24 / 4226 B3 24. Notified Body No. 1450.												

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 Date and place

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