

Model identifier(s):		Pembroke II									
Indirect heating functionality: (yes/no)		No									
Direct heat output: (kW)		12.5kW									
Indirect heat output: (kW)		N/A									
Fuel	Preferred fuel (only one)	Other suitable fuel(s):	$\eta_s$ (%):	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*) (**)			
				P	OGC	CO	Nox	P	OGC	CO	Nox
				(x) mg/Nm <sup>3</sup> (13 % O <sub>2</sub> )				(x) mg/Nm <sup>3</sup> (13 % O <sub>2</sub> )			
Wood logs with moisture content $\leq$ 25%	Yes	No	71	20	62	669	107	-	-	-	-
Compressed wood with moisture content < 12%	No	No	-	-	-	-	-	-	-	-	-
Other woody biomass	No	No	-	-	-	-	-	-	-	-	-
Non-woody biomass	No	No	-	-	-	-	-	-	-	-	-
Anthracite and dry steam coal	Yes	No	-	27	26	995	139	-	-	-	-
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**

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
<b>Heat Output</b>				<b>Useful efficiency (NCV as received)</b>			
Nominal heat output	$P_{nom}$	12,5	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	81	%
Minimum heat output (indicative)	$P_{min}$	N/A	kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	N/A	%
<b>Auxiliary electricity consumption</b>				<b>Type of heat output/room temperature control (select one)</b>			
At nominal heat output	$e_{lmax}$	N/A	kW	Single stage heat output, no room temperature control	Yes	0.0	%
At minimum heat output	$e_{lmin}$	N/A	kW	two or more manual stages, no room temperature control	No	N/A	
In standby mode	$e_{lsb}$	N/A	kW	with mechanic thermostat room temperature control	No	N/A	
<b>Permanent pilot flame power requirement</b>				with electronic room temperature control	No	N/A	
Pilot flame power requirement (if applicable)	$P_{pilot}$	N/A	KW	with electronic room temperature control plus day timer	No	N/A	
				with electronic room temperature control plus week timer	No	N/A	
				<b>Other Control options (multiple selections possible)</b>			
				room temperature control, with presence detection	No	N/A	%
				room temperature control, with open window detection	No	N/A	
				with distance control	No	N/A	

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(\*) 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.