

Model identifier(s):		Dorchester									
Indirect heating functionality: (yes/no)		No									
Direct heat output: (kW)		4.9kW									
Indirect heat output: (kW)		N/A									
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 (*) (**)			
				P	OGC	CO	Nox	P	OGC	CO	Nox
				mg/Nm ³ (13 % O ₂)				mg/Nm ³ (13 % O ₂)			
Wood logs with moisture content \leq 25%	Yes	No	65	24	69	1221	103	-	-	-	-
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

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat Output				Useful efficiency (NCV as received)			
Nominal heat output	P_{nom}	4.9	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$	75.1	%
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 (select one)			
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	-	
In standby mode	e_{lsb}	N/A	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	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	No	-	

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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.