

All Stove Built to EN13240	Springdale 9103	Debdale 9104	Hollywell 9105	Brampton 9108	Wakerley 9112
	Owston 9303	Launde 9304	Bradgate 9305	Swithland 9308	Bosworth 9312
CO concentration @ 13% Oxygen	0.28%	0.28%	0.18%	0.12%	0.06%
Requirement of fuels used in Defra Smoke Control Areas	Dry logs <20% H <sub>2</sub> O	Dry logs <20% H <sub>2</sub> O	Dry logs <20% H <sub>2</sub> O	Dry logs<20% H <sub>2</sub> O	<b>Not for Use in Defra Smoke Control Areas</b>
	Maximum length 170 -220mm long	Maximum length 200 -250mm long	Maximum length 250 -300mm long	Maximum length 250 -350mm long	
	Maximum width 150mm	Maximum width 150mm	Maximum width 150mm	Maximum width 150mm	
Lower quality fuel can be used in non-smoke controlled areas, but will not give the best efficiencies	Dry Logs < 25% H <sub>2</sub> O	Dry Logs < 25% H <sub>2</sub> O	Dry Logs < 25% H <sub>2</sub> O	Dry Logs < 25% H <sub>2</sub> O	Dry Logs < 25% H <sub>2</sub> O
	220mm long <b>1.0Kg per hour</b>	250mm long <b>1.3Kg per hour</b>	310mm long <b>1.6Kg per hour</b>	430mm long <b>2.8Kg per hour</b>	580mm long <b>4.4Kg per hour</b>
Weight in kg	45 kg	57 kg	95 kg	105 kg	130 kg
Nominal kW output	3 kW	4 kW	5 kW	8 kW	12 kW
<b>Max kW output</b>	<b>4.1 kW</b>	<b>5.3 kW</b>	<b>6.4 kW</b>	<b>11.7 kW</b>	<b>18.3 kW</b>
Air vent requirement.	Not Required	Not Required	550mm sq min in houses built after 2010, otherwise not required	1,962mm sq min 50mm diameter	7,850mm sq min 100mm diameter
			Air vent not required if stove is room sealed	Air vent not required if stove is room sealed	Air vent not required if stove is room sealed
Minimum flue draught mm H <sub>2</sub> O	0.5mm	0.5mm	0.5mm	0.5mm	0.5mm
Flue gas temperature	162 °C	156 °C	122 °C	183 °C	237 °C
Spigot Temp.	258 °C	253 °C	241 °C	274 °C	316 °C
Flue size (Top Exit)	127mm (5")	127mm (5")	150mm (6")	150mm (6")	150mm (6")
Min. chimney diameter	127mm (5")	127mm (5")	150mm (6")	150mm (6")	150mm (6")
Best chimney diameter	127mm (5")	127mm (5")	150mm (6")	150mm (6")	175mm (7")
Minimum distance to <b>combustible</b> materials. All other distance as per Building regulations Part J or HETAS recommendations	10cm behind (4") 35cm at side (14") 35cm to Top	20cm behind (8") 40cm at side (16") 40cm to Top	20cm behind (8") 35cm at side (14") 35cm to Top	10cm behind (4") 40cm at side (16") 40cm to Top	20cm behind (8") 45cm at side (18") 45cm to Top
Non combustibles	<b>When fitted inside a masonry or similar non-flammable material recess, e.g., fireplace opening, there is no minimum distance; although we would advise a minimum of 50mm from any surface to allow for convection.</b>				
Max Hearth temp.	<100 °C	<100 °C	<100 °C	<100 °C	<100 °C
Min Hearth thickness	12mm	12mm	12mm	12mm	12mm