

TECHNICAL DATA

All built to EN13240	Owston 9303	Launde 9304	Bradgate 9305	Swithland 9308	Bosworth 9312
Efficiency (Net)	88.9%	89.8%	89.1%	85.5%	84.1%
CO concentration @ 13% Oxygen	0.28%	0.28%	0.18%	0.12%	0.06%
Requirement of fuels used in Smoke Control Areas	Dry logs <20% H ₂ O	Dry logs <20% H ₂ O	Dry logs <20% H ₂ O	Dry logs<20% H ₂ O	Not for Use in Smoke Control Areas
	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 ₂ O	Dry Logs < 25% H ₂ O	Dry Logs < 25% H ₂ O	Dry Logs < 25% H ₂ O	Dry Logs < 25% H ₂ O
	220mm long 1.0Kg per hour	250mm long 1.3Kg per hour	310mm long 1.6Kg per hour	430mm long 2.8Kg per hour	580mm long 4.4Kg per hour
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
Max kW output	4.1 kW	5.3 kW	6.4 kW	11.7 kW	18.3 kW
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 ₂ 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")
Minimum distance to combustible 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	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 air intake and convection.				
Max Hearth temp.	<100 °C	<100 °C	<100 °C	<100 °C	<100 °C
Min Hearth thickness	12mm	12mm	12mm	12mm	12mm

Stove Dimensions

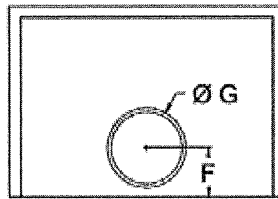
GENERAL DIMENSIONS

Stove	A	B	C
9303	350	495	291
9304	398	560	340
9305	440	680	391
9308	568	680	400
9312	720	780	396

ROOM SEALING DIMENSIONS

Stove	D	E
9303	140	80
9304	140	80
9305	140	80
9308	140	80
9312	140	80

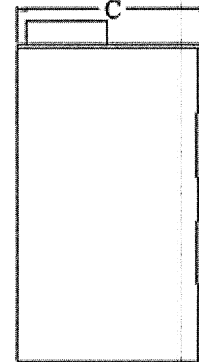
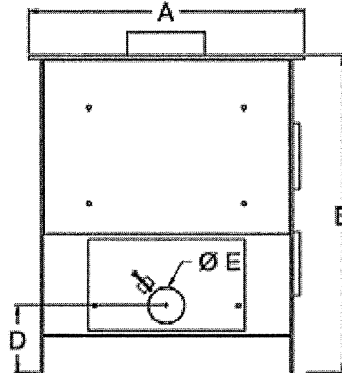
PLAN VIEW



FLUE SPIGOT DIMENSIONS

Stove	F	G
9303	97.5	127 (5")
9304	97.5	127 (5")
9305	105	152 (6")
9308	105	152 (6")
9312	105	152 (6")

REAR VIEW



SIDE VIEW

Room Sealing Options

BURLEY WOOD BURNING STOVES ROOM SEALING OPTIONS

STANDARD REAR ROOM SEALING KIT
THE KIT COMES WITH PARTS

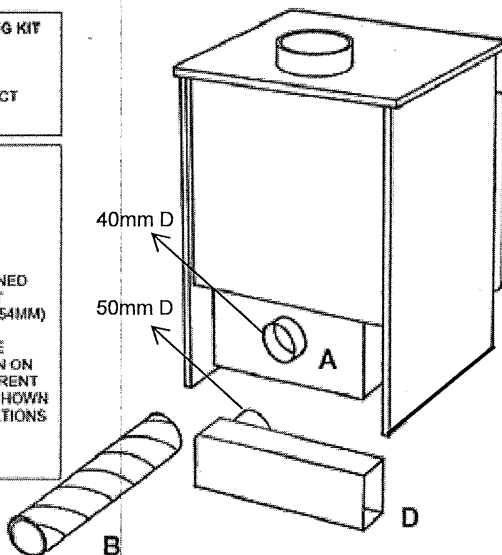
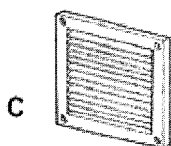
- A. PLENUM BOX ASSEMBLY
- B. 100MM X 80MM STEEL DUCT
- C. 80MM VENT COVER

ANGLED ROOM SEALING BOX

- A. PLENUM BOX ASSEMBLY
- D. ADAPTOR BOX

THE ADAPTOR BOX (D) IS DESIGNED TO FIT THE FLAT CHANNEL DUCT SYSTEM 100 (SECTION 110MM X 54MM)

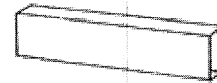
YOU WILL NEED TO SOURCE THE APPROPRIATE PARTS AS SHOWN ON THE RIGHT. EXAMPLES OF DIFFERENT ANGLED ARRANGEMENTS ARE SHOWN ON THE NEXT PAGE IN ILLUSTRATIONS 1, 2 & 3.



100MM
VENT
COVER



1000MM
FLAT
CHANNEL



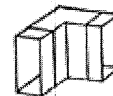
CONNECTOR
CHANNEL



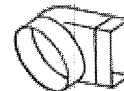
100MM
ROUND TO
RECTANGLE
ADAPTOR



VERTICAL
90 DEGREE
BEND



ELBOW BEND
WITH 100MM
SPIGOT



1000MM
ROUND
DUCT

