

TECHNICAL DATA

| All built to EN13240 | Springdale 9103 | Debdale 9104 | Hollywell 9105 | Brampton 9108 | Wakerley 9112 |
|--|---|---|--|---|---|
| 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 4.4Kkg 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 2008, 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") |
| Best chimney diameter | 127mm (5") | 127mm (5") | 150mm (6") | 150mm (6") | 175mm (7") |
| 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 convection. | | | | |
| Max Hearth temp. | <100 °C | <100 °C | <100 °C | <100 °C | <100 °C |
| Min Hearth thickness | 12mm | 12mm | 12mm | 12mm | 12mm |

Stove Dimensions

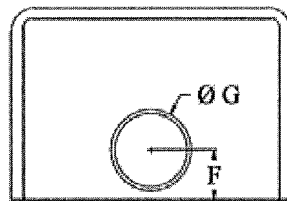
GENERAL DIMENSIONS

| Stove | A | B | C |
|-------|-----|-----|-----|
| 9103 | 370 | 495 | 298 |
| 9104 | 422 | 560 | 340 |
| 9105 | 470 | 680 | 405 |
| 9108 | 595 | 680 | 405 |
| 9112 | 750 | 780 | 405 |

ROOM SEALING DIMENSIONS

| Stove | D | E |
|-------|-----|----|
| 9103 | 140 | 80 |
| 9104 | 140 | 80 |
| 9105 | 140 | 80 |
| 9108 | 140 | 80 |
| 9112 | 140 | 80 |

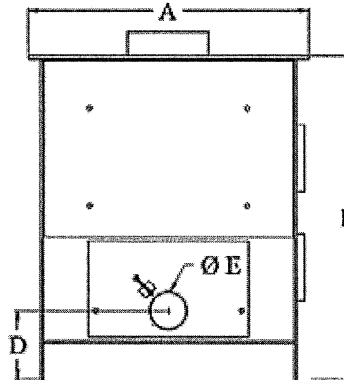
PLAN VIEW



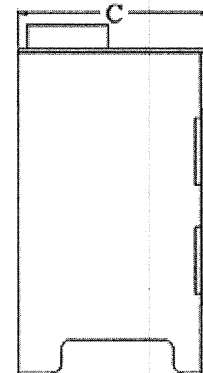
FLUE SPIGOT DIMENSIONS

| Stove | F | G |
|-------|------|----------|
| 9103 | 97.5 | 127 (5") |
| 9104 | 97.5 | 127 (5") |
| 9105 | 105 | 152 (6") |
| 9108 | 105 | 152 (6") |
| 9112 | 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

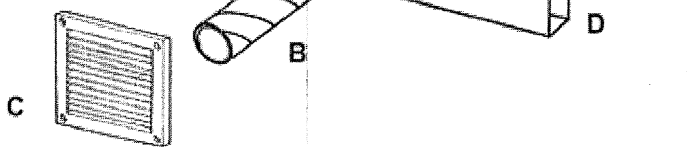
- A. PLENUM BOX ASSEMBLY
- B. 1000MM X 80MM STEEL DUCT
- C. 80MM VENT COVER

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 | | | |