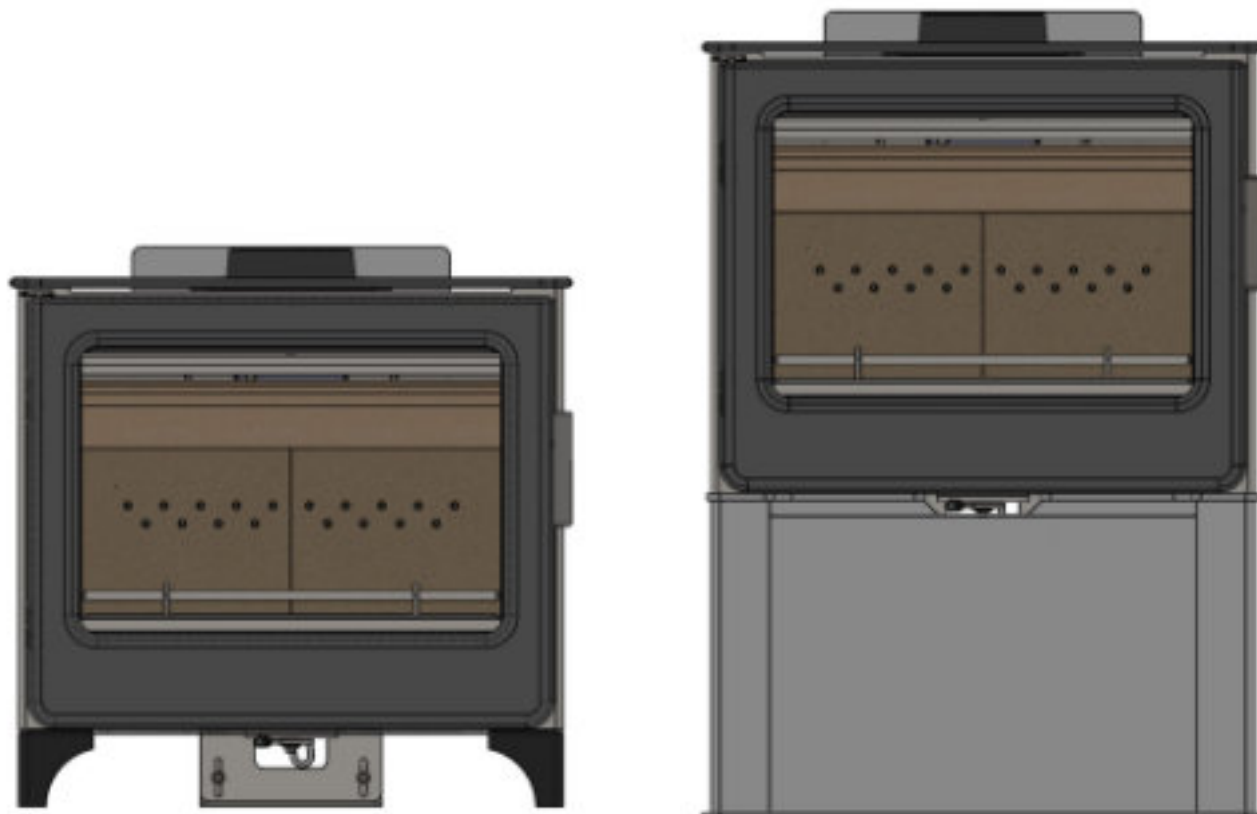


OPERATION AND INSTALLATION MANUAL  
WOODBURNING & SMOKE EXEMPTION MODELS  
ASHCOTT WIDE & ASHCOTT WIDE PEDESTAL



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## MENDIP STOVES WARRANTY

### 5 Year Extended Warranty

When you purchase your stove from a Mendip Stoves registered retailer, then your stove will carry a 2 year warranty as standard. The 2 year warranty can be further extended to a total warranty period of 5 years by registering your Mendip Stove within one month of the purchase date. Accordingly, the start date for the warranty period is the date of purchase. During the registration process, the Registered Retailer details will be required for your Extended Warranty to be activated. Any product purchased outside of our registered Retailer Network will carry a standard 12 month, non-extendable warranty. It is a condition of the Extended Warranty that the installation complies with the relevant Building Regulations and is carried out by a suitably trained and qualified individual (HETAS in the UK or equivalent in other countries) with the certificate of installation and proof of purchase supplied. Full terms and conditions are detailed in the Warranty Statement on the Eurostove website [www.eurostove.co.uk](http://www.eurostove.co.uk). In the event of any conflict of information the wording on the website shall prevail. Important Note: Should any problems be experienced with your product, claims must first be submitted to the Retailer where the appliance was purchased from who will offer immediate assistance or contact Eurostove on your behalf



Register online today to activate warranty: online. <http://www.mendipstoves.co.uk/SIT/StoveRegistration>

## INSTALLATION MANUAL

This manual refers to the Ashcott Wide, which is tested in accordance with EN 13240.

Thank you for purchasing your new stove from Mendip Stoves. Please read this manual carefully to ensure that you get maximum enjoyment and performance from your new stove and to prevent any potential operational problems. Please note that "all local regulations, including those referring to national and European Standards, need to be complied with when installing this appliance". For further information on installing and using fireplaces and wood burning stoves, please see the relevant building regulations.

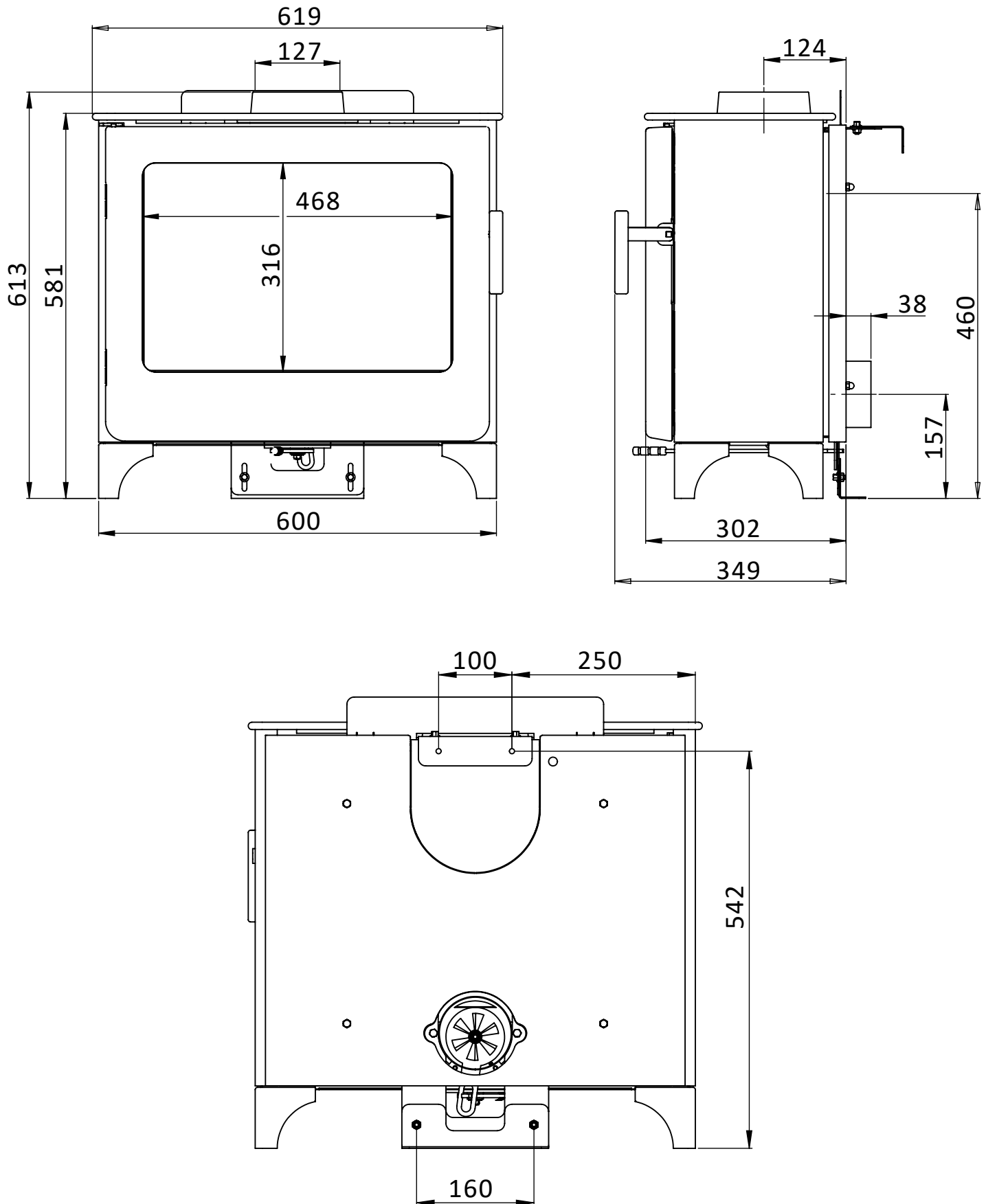
These instructions cover the basic principals to ensure the satisfactory installation of your multi-fuel stove, although detail may need slight modification to suit particular local site conditions.

### Fireguards

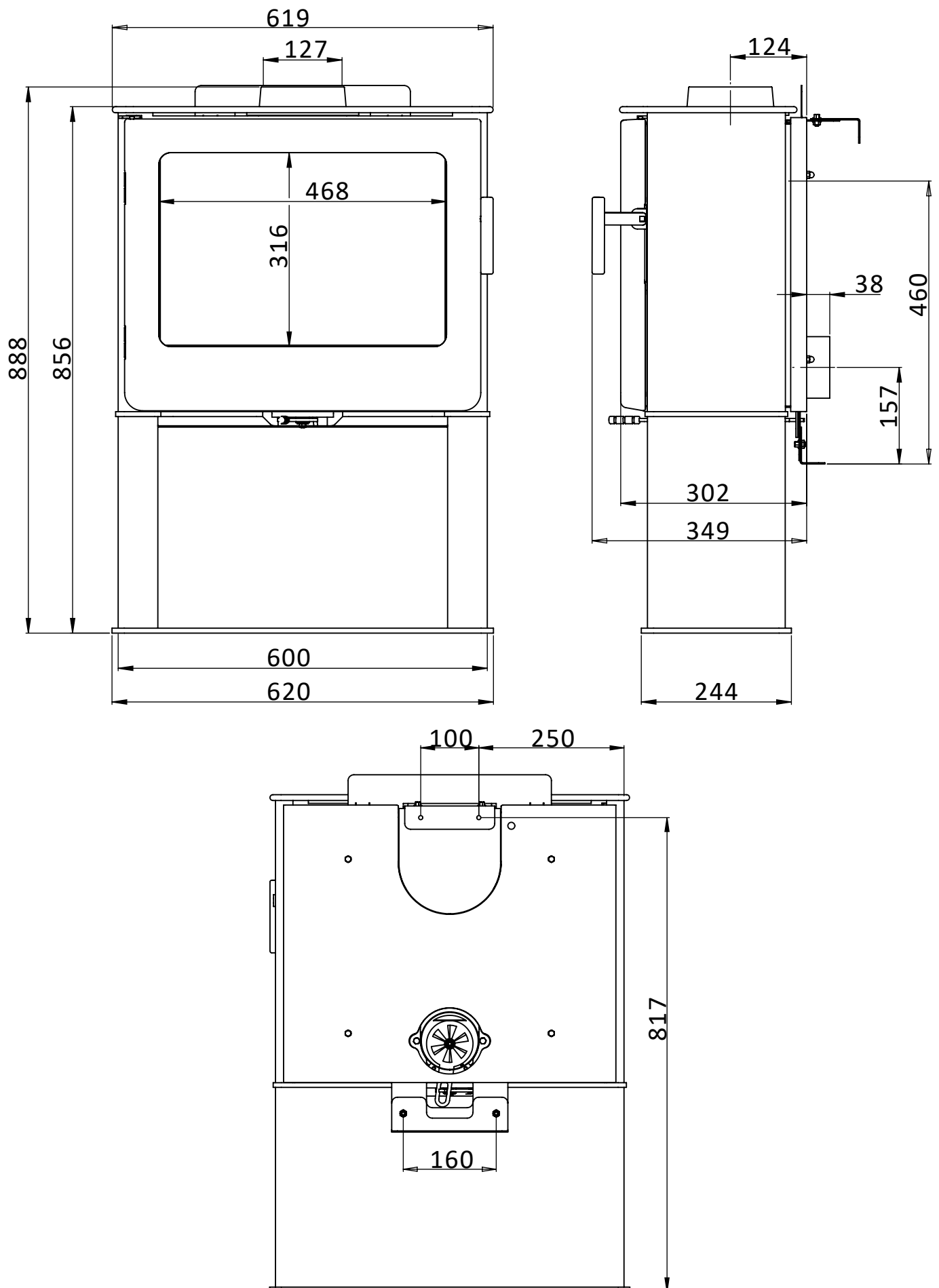
The use of a fireguard to BS 8423:2002 in the presence of children, aged and/or infirm persons is essential for their safety, even when the stove is not in use.

The glass on the stove is ceramic glass and able to withstand very high temperatures however it is not toughened and a hard impact could cause the glass to break.

## Ashcott Wide Dimensions



## Ashcott Wide Pedestal Dimensions



			ASHCOTT WIDE	ASHCOTT LOGSTORE
HEIGHT /Hauteur		A	597 mm	850 mm
HEIGHT to collar / Hauteur au buselot		A1	597 mm	872 mm
WIDTH Top Plate/ Largeur plaque supérieure		B	619 mm	619 mm
WIDTH Body / Largeur corps		B1	600 mm	600 mm
DEPTH (front of door to conv panel) Profondeur (devant de la porte jusqu'au panneaux arr.)		C1	304 mm	304 mm
DEPTH (front of door to closed port) Profondeur (devant de la porte jusqu'au port fermé)		C2	341 mm	341 mm
DEPTH inc. HANDLE (to conv panel) Profondeur incl. la poignée		C3	348 mm	348 mm
FLUE OUTLET DIAMETER Diamètre du conduit de fumée		D	125 mm	125 mm
DISTANCE FROM	CENTRE OF FLUE TO REAR OF STOVE / Centre du conduit de fumée et l'arrière du poêle	E	124 mm	124 mm
	CENTRE OF REAR FLUE OUTLET TO FLOOR / Centre de la sortie de cheminée de l'arrière vers le sol	F	460 mm	735 mm
	CENTRE OF AIR INTAKE TO FLOOR / Centre de la prise d'air au sol	H	157 mm	432 mm
DIAMETER OF AIR INLET / Diamètre de l'entrée d'air			100 mm	100 mm
WEIGHT / Poids			85 KG	120 KG

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## INFORMATION FOR THE USER, INSTALLER AND SERVICE ENGINEER

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Special care must be taken when installing a stove such that the requirements of the Health & Safety at Work Act are met.

### Handling

Adequate facilities must be available for loading, unloading and site handling.

### Fire Cement

Some types of fire cement are caustic and should not be allowed to come into contact with the skin. In case of contact wash immediately with plenty of water.

## PREPARATORY WORK AND SAFETY CHECKS

### IMPORTANT WARNING

This stove must not be installed into a chimney that serves any other heating appliance. There must not be an extractor fan fitted in the same room as the stove because this can cause the stove to emit fumes into the room.

### Asbestos

This stove contains no asbestos. If there is a possibility of disturbing any asbestos in the course of installation then please seek specialist guidance and use appropriate protective equipment.

### Metal Parts

When installing or servicing this stove care should be taken to avoid the possibility of personal injury.

### CO Alarms:-

Building regulations require that whenever a new or replacement fixed solid fuel or wood/biomass appliance is installed in a dwelling a carbon monoxide alarm must be fitted in the same room as the appliance. Further guidance on the installation of the carbon monoxide alarm is available in BS EN 50292:2002 and from the alarm manufacturer's instructions.

**Provision of an alarm must not be considered a substitute for either installing the appliance correctly or ensuring regular servicing and maintenance of the appliance and chimney system.**

### Stove paint Aerosols

Paint aerosols are flammable and therefore dangerous to use around a lit stove. Be sure to allow aerosols spray paints to dry and ventilate the room well before lighting the stove. The use of any aerosol around lit stove is dangerous and care must be taken in handling aerosols.

### IMPORTANT:

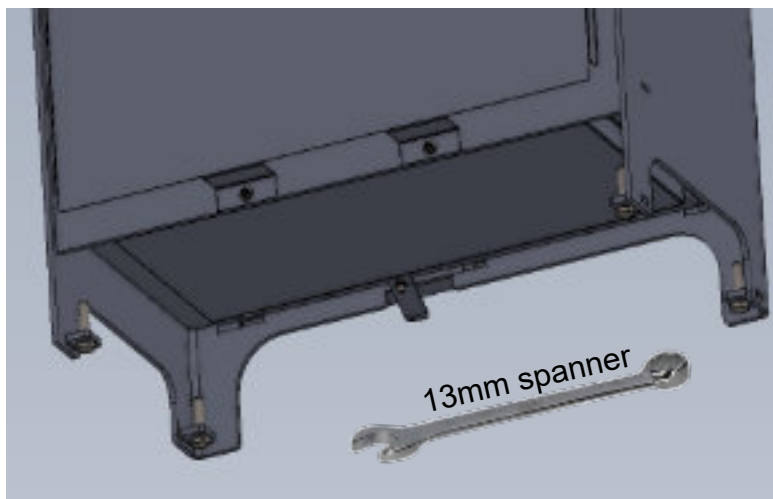
These instructions cover the basic principles to ensure the satisfactory installation of the Mendip Stoves Ashcott Wide Model, although detail may need slight modification to suit a particular local site conditions.

In all cases the installation must comply with current Building Regulations, Local Authority Bylaws and other specifications or regulations as they affect the installation of the stove. It should be noted that the Building Regulations requirements may be met by adopting the relevant recommendations given in British Standards BS 8303, BS EN 15287 as an alternative means to achieve an equivalent level of performance to that obtained following the guidance given in Approved Document J.

# Installing the Ashcott Wide stove

## Adjustable legs

The Ashcott Wide wood burning stove is fitted with adjustable legs allowing the stove to be installed on an uneven floor. To adjust the legs, prior to installation, wind down M8 bolts using a 13mm spanner so they protrude just below the the stove legs. Tighten the locking nut once the desired level is reached. Do this with the stove tilted up from the leg being adjusted. Place the stove in position and level the stove. If the stove is to be placed on a glass floor plate it is necessary to use rubber feet so as not to scratch the glass plate. (This may cause the plate to shatter).



## Exchanging collar position from top to rear

The Ashcott is supplied with the top collar already installed, to exchange the collar from the top position to the rear take the following steps:

- 1) Using a 4mm Allen key to remove the flue collar by unbolting from the body of the stove.
- 2) Break off the tabs on rear convection panel and remove the laser cut section. To do this the rear convection panel does not need to be removed.
- 3) Remove the rear cover plate from the rear flue position. Place this plate on the top exit flue position and secure down tightly using the bolts from the rear positions. The top cover plate will have a a flat rope seal already fitted.
- 4) Fix the cast iron collar onto the rear outlet using the bolts that secured the collar originally.
- 5) Replace the top plate.
- 6) Take the convection top cover plate, supplied with the stove, and place this in the hole in the top plate.



## Securing collar to flue pipe

A physical retention of the flue pipe is required for both top and rear exit flue configurations.

- 1) Fit the flue pipe into the flue collar. Sealing with a suitable fire cement.
- 2) For a top flue outlet. Lift up and support the top plate allowing enough room to drill a hole through the flue collar and into the flue pipe.
- 3) Secure the collar and flue pipe with a suitably sized self tapping screw.

## FLUE & CHIMNEY CONNECTION TO STOVE

The outlet from the chimney should be above the roof of the building in accordance with the provisions of Building Regulations Approved Document J. If installation is into an existing chimney then it must be sound and have no cracks or other faults which might allow fumes into the house. Older properties, especially, may have chimney faults or the cross section may be too large .

Mendip Stoves recommend the use of a solid fuel flue lining system for all installation into existing chimneys. All chimney systems must be used in accordance with Building Regulations Approved Document J.

If an existing chimney is used the chimney must be clear of obstruction and be swept clean immediately before installation of the stove. The chimney should be tested to confirm it will provide the correct chimney pressure for the stove. If the stove is fitted in place of an open fire the chimney should be swept one month after installation to clear any soot falls which may have occurred due to the difference in combustion between the stove and the open fire. If there is no existing chimney then either a prefabricated block chimney in accordance with Building Regulations Approved Document J or a twin walled insulated stainless steel flue to BS 1856-1. These chimneys must be fitted in accordance with the manufacturer's instructions and Building Regulations. A single wall metal flue pipe is suitable for connecting the stove to the chimney but is not suitable for using for the complete chimney. The connecting flue pipe must have a minimum diameter of 125 mm and its dimension should be not less than the size of the outlet socket of the stove. Registered smoke exempt models with a 125mm collar burning wood only can be installed on a flue of 125mm throughout. Any bend in the chimney or connecting flue pipe should not exceed 45°. 90° bends should not be used other than within 150mm of the stoves rear flue outlet.

### Chimney Connection

In order for the stove to perform satisfactorily the chimney height must be sufficient to ensure an adequate draught to clear the products of combustion and prevent smoke problems into the room.

A chimney height of not less than 4.5 metres measured vertically from the outlet of the stove to the top of the chimney should be satisfactory. Alternatively the calculation procedure given in BS5854:1980 may be used as the basis for deciding whether a particular chimney design will provide sufficient draught.

Tested Gas flow rates flue gas temperatures	Flue gas flow rate	Test flue gas temperature wood	@ pascals of pressure
ASHCOTT WIDE	5.7 g/s	253°C	12

If it is found that there is excessive draught in the chimney then either an adjustable flue damper or alternately a draught stabiliser should be fitted. The adjustable flue damper should not close off the flue entirely but should in its closed position leave a minimum continuous opening free area of at least 20 % of the total cross sectional area of the flue or flue pipe. Adequate provision (e.g. easily accessible soot door or doors) must be provided for sweeping the chimney and the connecting flue pipe.

Your appliance needs to be maintained routinely and the throat plate/baffle should be cleaned regularly (monthly) . The flue pipe can be cleaned using a flexible brush. Only use a dry cloth on external surfaces. Over time the glass may become dirty. Clean with a damp cloth and polish off with a dry cloth. If the stove has not been used for some time the flue should be checked for blockages before use.

Do not modify the appliance. Only use spare parts authorised by the manufacturer should be fitted/ installed.

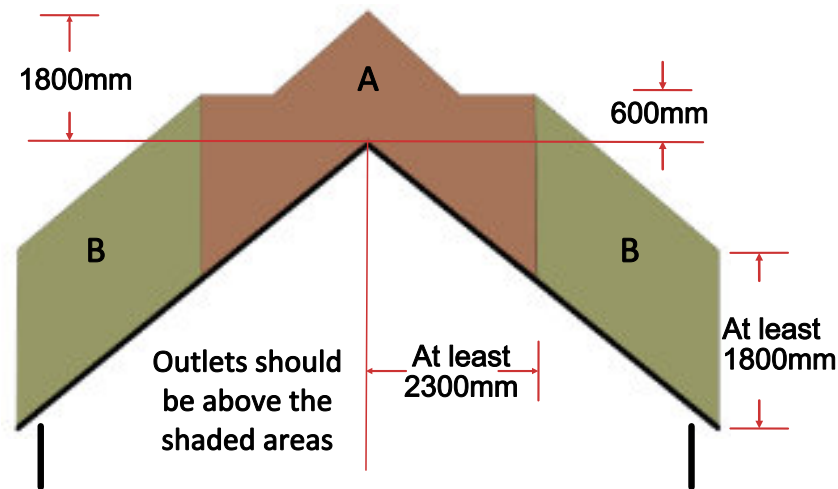
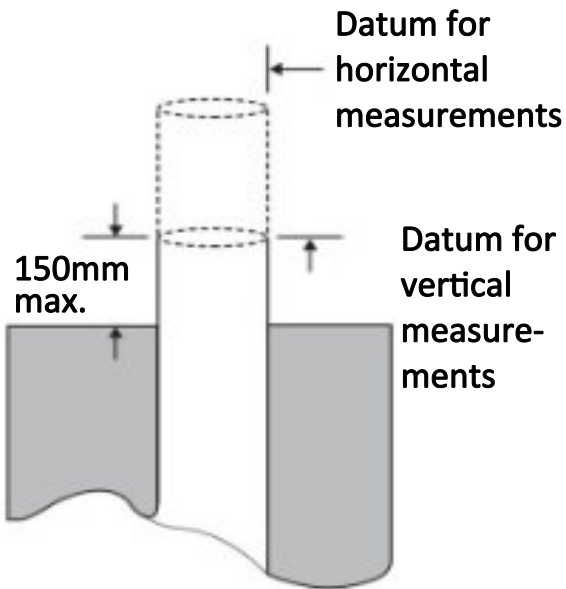
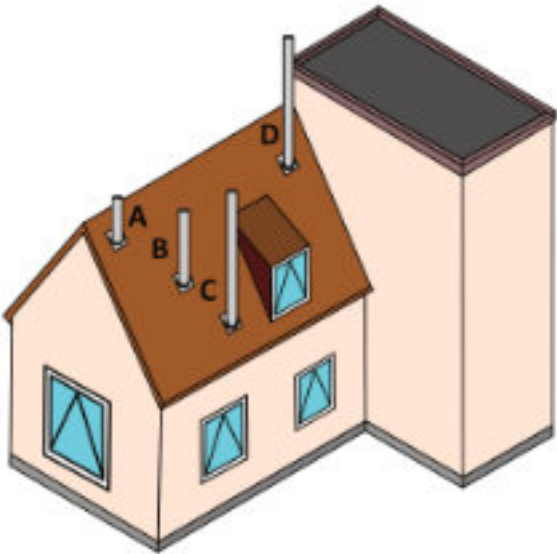


Flue Outlet Positions

The flue outlet should be above the roof and in such a position where the products of combustion may be discharged freely what ever the wind direction. The discharged products of combustion must not present a fire hazard. Great care should be taken where the weather surface may easily ignite.

Point where flue passes through weather surface (Note 1,2)		Clearances to flue outlet
A	At or within 600mm of the ridge.	at least 600mm above the ridge
B	Elsewhere on a roof (pitched or flat)	At least 2300mm horizontally from the nearest point on the weather surface and:  a) at least 1000mm above the highest point of intersection of the chimney and the weather surface: or  b) at least as high as the ridge.
C	Below (on a pitched roof) or within 2300mm horizontally to an openable rooflight or other opening. (Note 3)	at least 100mm above the top of the opening.
D	Within 2300mm of an adjoining or adjacent building, whether or not beyond the boundary. (Note 3)	at least 600mm above the adjacent building.

Notes:  
1) The weather surface is the building external surface, such as its roof, tiles or external walls.  
2) A flat roof has a pitch less than 10°.  
3) The clearances given for A or B, as appropriate, will also apply.  
4) A vertical flue fixed to an outside wall should be treated as an equivalent to an inside flue emerging at the nearest edge of the roof.



Easily ignited roof covering

Area	Location of flue outlet
A	At least 1800mm above the weather surface and at least 600mm above the ridge
B	At least 1800mm vertically above the weather surface and at least 2300mm horizontally from the weather surface

## STOVE PERFORMANCE & TESTING

The Ashcott Wide is tested in accordance with EN 13240. It is recommended as suitable for use in smoke control areas when burning wood logs and when fitted with a mechanical stop to prevent closure of the secondary air control beyond :

	Output Wood	Efficiency wood	Recommended for smoke control	Mechanical air stop for SE Model	Mechanical stop secondary. (Measured from left leg)
Ashcott wide	4.7kW	75.0%	YES	YES	345mm

	Log Length			Wood Reload	Weight wood load
	Length	SE dimensions LxWxD cm	Logs		
Ashcott Wide	35cm	25x14x11	1	1hr	1.2kg

	Output Range kW	CO@13%	Particulate matter @13% mg/nm3	Nox @13%	CxHy@13%	2022 Compliant
Ashcott Wide	4-6	0.04(W)	31	151	54	YES

## Chimney Connection

In order for the stove to perform satisfactorily the chimney height must be sufficient to ensure an adequate draught to clear the products of combustion and prevent smoke problems into the room.

Tested Gas flow rates flue gas temperatures	Flue gas flow rate Wood /coal	Test Flue gas Temperature wood /coal	Pascals Pressure
Ashcott Wide	5.7 g/sec	253 Deg C	12pa

**NOTE:** A chimney height of not less than 4.5 metres measured vertically from the outlet of the stove to the top of the chimney should be satisfactory. Alternately the calculation procedure given in BS 5854:1980 may be used as the basis for deciding whether a particular chimney design will provide sufficient draught.

## DISTANCE TO COMBUSTIBLE MATERIALS

Combustible materials should not be located where the heat dissipating through the walls of fireplaces or flues could ignite it. Therefore when installing the stove in the presence of combustible materials, due account must be taken of the guidance on the separation of combustible material given in Building Regulations Approved Document J and also in these stove instructions. The minimum distances to flammable materials are specified on the EN 13240 plate on the back of the stove.

Distance to combustibles rear / rear with additional heat shield	Distance to combustibles sides	Suitable for 12mm hearth
300mm /50mm	300mm	YES

## MINIMUM DISTANCE TO NON-COMBUSTIBLE MATERIALS

The stove can be recessed in a suitable sized non - combustible fireplace but a **permanent free air gap of at least 50mm** must be left around the sides, the top and the back of the stove. This is to facilitate a reasonable heat output and allows access to the stove for removal and maintenance. A clearance of 100mm will give a better heat output. All non - combustible walls closer than 100mm to the stove should be at least 75mm thick. For practical reasons the back wall of the fireplace recess and the hearth should ideally be made of a non - combustible material. When installing your stove in a non combustible chamber, combustible materials should not be located where the heat dissipating through the walls of fireplaces or flues could ignite it. Therefore when installing the stove in the presence of combustible materials due account must be taken of the guidance on the separation of combustible material given in Building Regulations Approved Document J and also in these stove instructions. The minimum distances to flammable materials are specified on the EN 13240 plate on the back of the stove. We recommend the use of calcium silicate board with a protection value of A1 in a fireplace recess or behind a stove fitted in a corner.

To ensure that the stove has sufficient air flow available to it during operation, please allow at least 40mm of clearance from the back of the air intake to the rear wall. This means that if you are installing your stove between 50mm and 100mm away from a non - combustible wall, it may be necessary to remove the intake spigot.

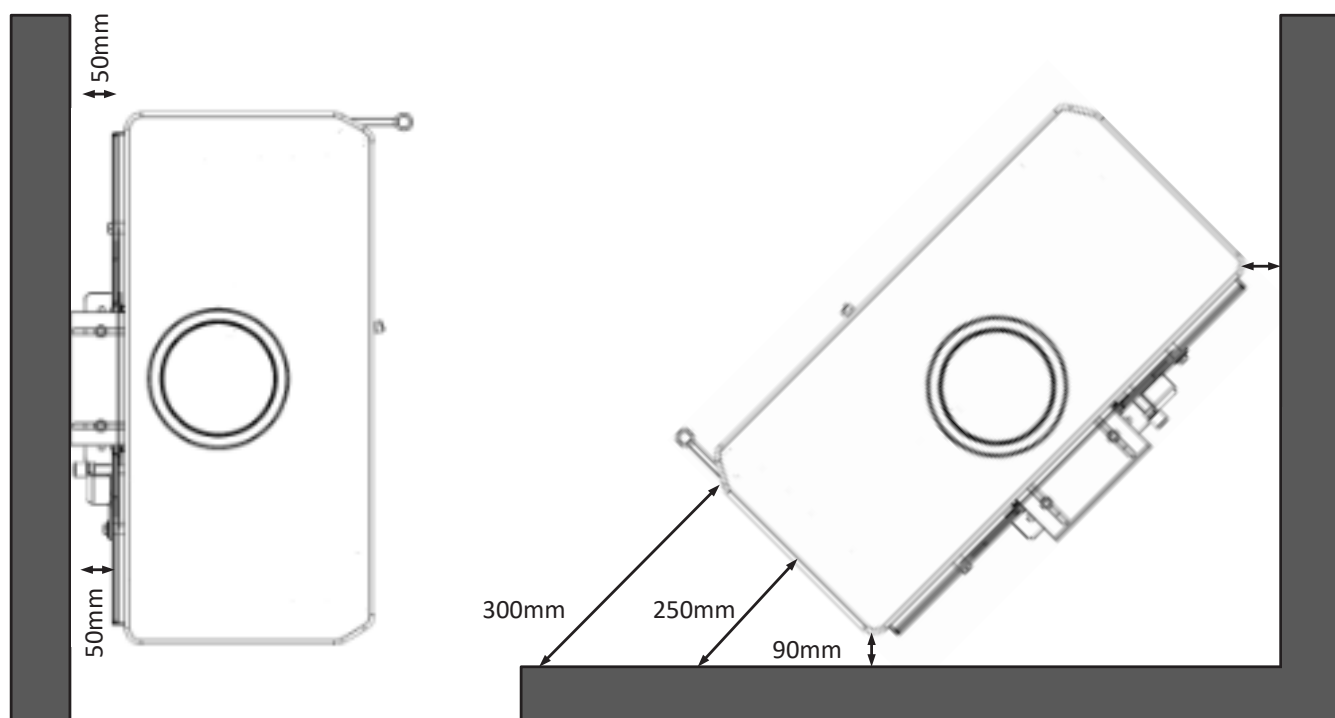
## HEARTH

The hearth should be able to accommodate the weight of the stove and its chimney if the chimney is not independently supported. The Ashcott stove has been tested and is suitable to be installed on a 12 mm non combustible plate, such as 12 mm glass plates. Installation of all hearths should comply in size and construction so that they are in accordance with the provisions of the current Building Regulations Approved Document J.

The clearance distances to combustible material beneath, surrounding or on the hearth and walls adjacent to the hearth should comply with the guidance on the separation of combustible material given in Building Regulations Approved Document J and also in these stove instructions.

If the stove is to be installed on a wooden floor, it must be covered with a non-combustible material at least **12 mm thick**, in accordance with Building Regulations Approved Document J, to a distance of **30 cm in front of the stove** and **15 cm to each side** measuring from the door of the combustion chamber.

### INSTALLING THE ASHCOTT WIDE IN A CORNER POSITION OR AGAINST COMBUSTIBLE WALL



## COMBUSTION AIR & PERMANENT AIR VENT

In order for the stove to perform efficiently and safely there should be an adequate permanent air supply into the room in which the stove is installed to provide combustion air. This is particularly necessary if the room is double-glazed or a flue draught stabiliser is operating in the same room as the appliance. The provision of air supply to the stove must be in accordance with current Building Regulations Approved Document J. An opening window is not appropriate for this purpose. Air inlets must be positioned in such a way that they cannot be blocked. An air inlet may be a vent (the vent must be open and the capacity for the vent sufficient when the stove is lit).

Ashcott Wide models take all combustion air (primary, secondary & tertiary) from a single 80mm port at the bottom rear of the stove. With the door closed the air port supplies all combustion air for the appliance. This port can be connected to the outside via a 80mm pipe so the appliance does not draw combustion air from the room. However as this stove needs the door to be ajar when lighting, combustion air is taken from the room when reloading. Mendip stoves recommends the use of an additional air vent as laid out in Document J .

***The stove requires a permanent air vent to the room . This is to provide an adequate air supply in order for the stove to operate safely and efficiently. In accordance with current Building Regulations the installer may fit a permanent air supply vent into the room in which the stove is installed to provide combustion air. This air vent should not under any circumstances be shut off or sealed.***

### SE Cleanheat- Smoke Exemption Modification

Smoke exempt (SE) models are factory fitted with an air stop on the air control slider: To adjust the smoke control settings, use an Allen key to adjust the fixing in the air intake (at the rear of the stove).

*The air control on the Ashcott Wide 5kW SE Model has 40mm movement.*

The SE fixing is designed to prevent the air supply of the stove from being completely shut off; this promotes complete combustion and therefore acts to decrease harmful pollutants as a result of incomplete combustion.

### DO NOT OBSTRUCT THE AIR INTAKE

**At least 40mm clearance should be left between the air intake and the wall**

### COMBUSTION CHAMBERS

Mendip Stoves are fitted internally with vermiculite heat deflection panels and baffles. These are designed to ensure the maximum efficiency and are an integral part of the clean burn process of the stove. These baffles should not be removed other than for cleaning the stove. Any defective panels should be replaced although small hairline cracks do not need replacement. However hairline cracks can develop during use to larger cracks. If these pass through the vermiculite to the stove body then the panel must be replaced. When refuelling your stove place the wood fuel into the chamber (wearing a glove). Impact from logs can cause the heat deflection panels to crack.

## COMMISSIONING AND HANDOVER

Ensure all loose parts (bricks and grates) are fitted in accordance with the instructions given in this instruction booklet. On completion of the installation, allow a suitable period of time for any fire cement/silicon and mortar to cure. A small fire may be lit to check that smoke and fumes are taken from the stove up the chimney and emitted safely into the atmosphere.

***Do not run at full output for at least 24 hours after this appliance has been installed.***

On completion of the installation and commissioning ensure that the operating instructions for the stove are left with the customer. Ensure you advise the customer on the correct use of the appliance with the fuels likely to be used in the stove and notify them to use only the recommended fuels for the stove.

Advise the user what to do should smoke or fumes be emitted from the stove.

The customer should be warned to use a fireguard to BS 8423:2002 in the presence of children, aged and/or infirm persons

## OPERATING YOUR STOVE - SUITABLE FUELS - ASHCOTT

Your stove is tested and designed to burn wood. Wood briquettes can also be burnt but special notice should be taken of fuel weight. Good quality wood is the most important factor in your stove working efficiently and cleanly. Always use dry split hardwood firewood (moisture content of 20% or less). The dryness of the firewood plays an important role since the use of wet wood results in poor fuel economy and may cause a tarry sooty film on the internals of the stove and reduce the efficiency of the catalyser. Do not overload stove as this can cause excessive heat and damage the stove (see table on page 8).

**ALWAYS KEEP THE FUEL LOAD THE BELOW TERTIARY PORTS AT THE REAR OF THE STOVE.**

**Only use fuels approved for use on heating stoves. Do not burn liquid fuels, drift wood, finished wood, sawn wood, pallet wood, chipboard/plywood, varnished wood or plastic coated wood, wood treated with preservatives, or any household waste.**

**DO NOT EXCEED SPECIFIED FUEL WEIGHTS.**

**DO NOT BURN HOUSE COAL OR PETROLEUM COKE. DO NOT BURN HOUSEHOLD WASTE, THIS APPLIANCE IS NOT AN INCINERATOR.**

## LIGHTING YOUR STOVE FOR THE FIRST TIME

**Before lighting your stove for first time make sure you have read this manual fully and acquainted yourself with the controls of this appliance.**

The heat-resistant paint on your stove will cure and harden the first time you light your appliance. The curing process produces a good deal of smoke and odour. It is therefore important that the first time you light your stove the room should be well ventilated. During the curing process it **is important to open and close the stove door periodically** (every 30 mins) during the first couple of firings to preventing the door seal from sticking and coming away from the door. Once the heat-resistant paint has hardened the smell will disappear.

**Your stove is NOT designed to be used with the door open.** The stove door must be kept closed except when lighting the stove, adding firewood or removing ash in order to prevent flue gases from escaping.

### Use of Fire Lighters

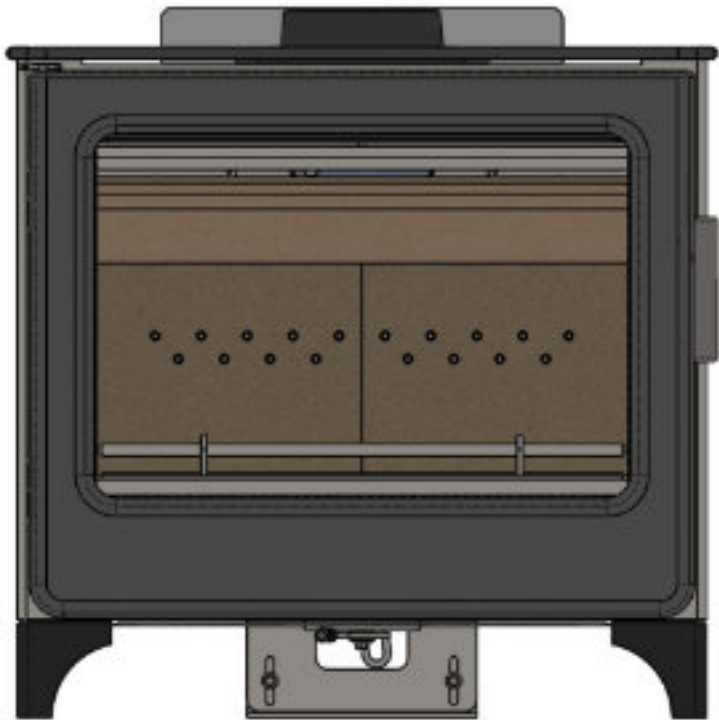
Quality firelighters should be used when lighting your stove. **Never use mentholated spirit, petrol or other flammable liquids.** Lighting your stove with firelighters will be more reliable and easier than using paper. Lighting your fire with paper results in excess smoke, more ash and possible blackening of the glass.

# OPERATING YOU STOVES - CONTROLS

## Air Control

The air control for the Ashcott model is a single control lever. The Lever operates by moving from left to right.

ASHCOTT WIDE: AIR CONTROLS



Lever in left position - secondary air fully open

Lever in right position - secondary air closed

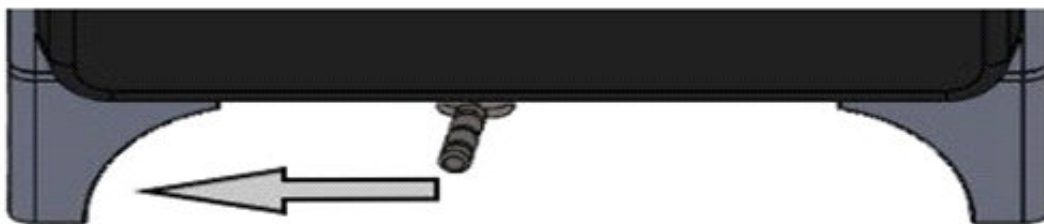
## HOW TO LIGHT YOUR WOODBURNING STOVE

**Note: If the chimney is externally fitted or the stove has been installed on a larger diameter clay chimney liner then on cold days it may be necessary to warm the flue using firelighters prior to lighting with wood.**

Fig 1

1. Place two small dry split logs ( $\frac{1}{4}$  split) on the fire bed. Kindling stacked as in the picture allows combustion air to flow freely and will aid ignition. On top of the kindling place two or more non toxic firelighters. (Fig 1).

2. Fully slide open (fully to left) the air control air slider below the stove door. The stove now has full secondary air for start up.



3. Place the door spacer tool on the magnet latch on the door. Light the firelighters and push the door to the closed position. With the door space tool (Fig 2) the door is open approximately 2 mm. This provides additional combustion air for start up and reduces condensation on the door glass.

4. Once the flames from the logs are fully established, this can take up to 10 minutes, the door can now be closed. Remove door spacer tool and push the door closed until the magnetic closure has located. Leave the air control in the far left position. If the stove flames begin to falter and generate smoke in chamber unlatch the door again and place the door space tool on again until the fire is established.

5. Once the fire bed is established slide the air control to the middle position. For the stove to burn cleanly plenty of secondary air is needed, do not be tempted to shut the fire down too early as this may cause smoke.

At nominal heat output, expect to refuel your stove approximately once an hour. Check load weights for your model on the table on page 8.

Use the glove when operating air controls and door.

Fig 2



MENDIP STOVES RECOMMEND THE USE OF A FLUE THERMOSTAT TO CHECK YOUR STOVE IS NOT OVERHEATING. PLACE THE FLUE THERMOSTAT DIRECTLY ABOVE THE COLLAR OF STOVE AND REFER TO THE TEMPERATURE GAUGE ON PAGE 8.

**The stove will get very hot during use and due care must therefore be exercised.  
Please use the glove when operating air controls and door.**

## RE-FUELLING WHEN BURNING WOOD

To re-fuel your stove in the cleanest way only refuel your stove when flames have died down and you have glowing embers.

Before refuelling, open the air control fully (slide to the left). Unlatch the door to equalise the pressure with that of the room. Open the door gently. Add one piece of wood (4.7 kW model) (please check weight table page 10) and close the door. Once the flames from the logs are fully established slide the air control to a central position.

**The stove is only suitable for intermittent use only: do not run overnight or for long periods unattended.**

## USE OF HOUSE COAL AND PETROLEUM COKE ARE NOT SUITABLE FOR THIS STOVE; ITS USE WILL INVALIDATE THE GUARANTEE.

### BURNING WOOD IN A SMOKE CONTROL AREA

You must purchase a smoke control version of the Mendip stove which is modified slightly to comply with regulations. Any change to this modification will invalidate the stoves compliance for smoke control areas.

*The Clean Air Act 1993 and Smoke Control Areas*

*Under the Clean Air Act local authorities may declare the whole or part of the district of the authority to be a smoke control area. It is an offence to emit smoke from a chimney of a building, from a furnace or from any fixed boiler if located in a designated smoke control area. It is also an offence to acquire an "unauthorised fuel" for use within a smoke control area unless it is used in an "exempt" appliance ("exempted" from the controls which generally apply in the smoke control area).*

*In England appliances are exempted by publication on a list by the Secretary of State in accordance with changes made to sections 20 and 21 of the Clean Air Act 1993 by section 15 of the Deregulation Act 2015. In Scotland appliances are exempted by publication on a list by Scottish Ministers under section 50 of the Regulatory Reform (Scotland) Act 2014. Similarly, In Northern Ireland appliances are exempted by publication on a list by the Department of Agriculture, Environment and Rural Affairs under Section 16 of the Environmental Better regulation Act (Northern Ireland) 2016. In Wales appliances are exempted by regulations made by Welsh Ministers.*

*Further information on the requirements of the Clean Air Act can be found here: <https://www.gov.uk/smoke-control-area-rules>. Your local authority is responsible for implementing the Clean Air Act 1993 including designation and supervision of smoke control areas and you can contact them for details of Clean Air Act requirements.*

*The Ashcott Wide has been recommended as suitable for use in smoke control areas when burning wood logs. The appliance must be fitted with a permanent stop to prevent closure of the secondary air controller beyond 5mm open , Fig 3. Alterations should not be attempted.*

*Mendip smoke control stoves should not be burnt with the door left open.*



### **The refuelling procedure : -**

Allow the newly charged fuel to burn with the secondary air control set at maximum for up 3 to 4 minutes. After this period, with flames from the logs fully established, close the secondary air supply to the low output setting. When operating at high output (secondary air set fully open) the new refuel charge does not require any boost air to establish combustion.

### **Refuelling on to a low fire bed**

If there is insufficient burning material in the fire bed to light a new fuel charge, excessive smoke emission can occur. Refuelling must be carried out onto a sufficient quantity of glowing embers and ash that the new fuel charge will ignite in a reasonable period. If there are too few embers in the fire bed, add suitable kindling to prevent excessive smoke.

### **Fuel Overloading**

The maximum amount of fuel specified in this manual should not be exceeded, overloading can cause excess smoke.

### **Air controls & doors left open**

Operation with the air controls fully open can cause excess smoke. The appliance must not be operated with air controls, or door left open except as directed in the instructions.

### **SE- smoke exemption modification**

#### **View of the rear of the stove.**

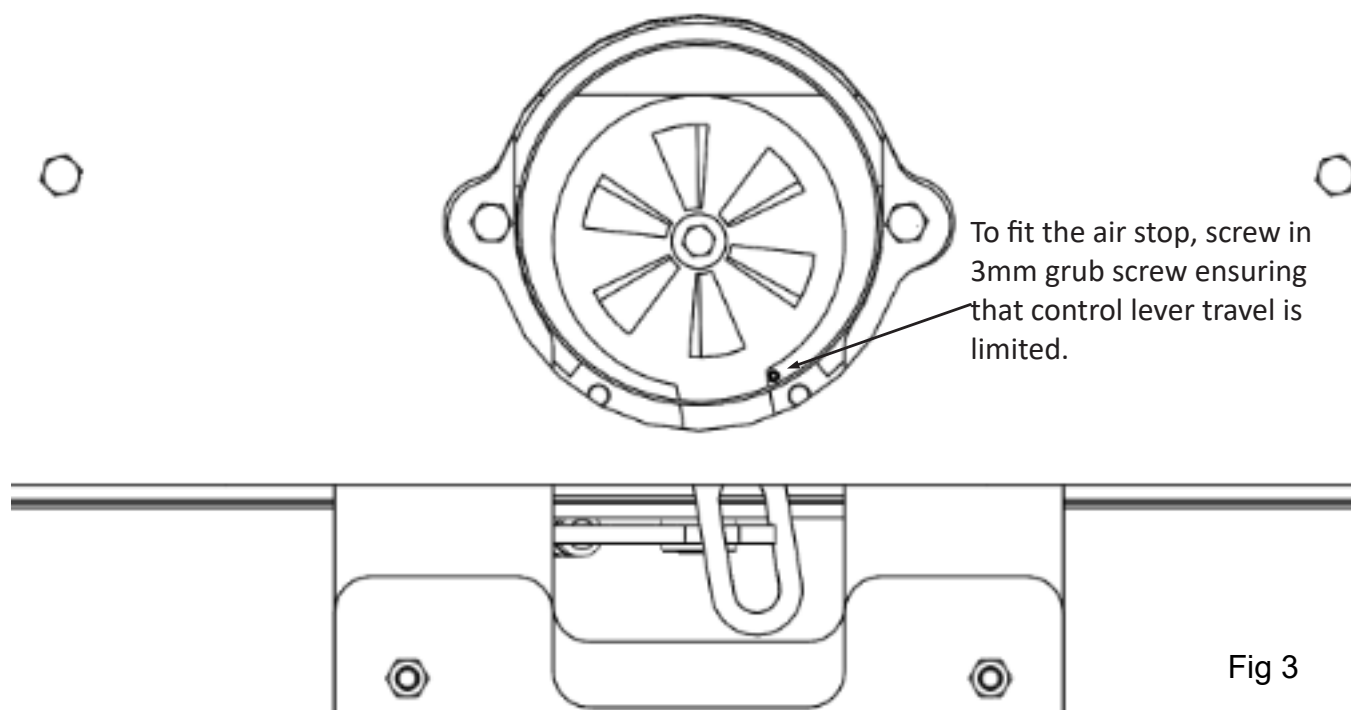


Fig 3

## **INCOMPLETE COMBUSTION**

If the air controls on your stove are closed too much incomplete combustion may lead to a build-up of hard, shiny soot on the inside of your stove and glass. To prevent sooting of the chamber and glass introduce:-

- 1) more secondary air,
- 2) check that your fuel is suitable and dry.
- 3) that you have sufficient draw in your chimney.

It is important to check the draft conditions before lighting your stove. This may be done, for instance, by crumpling a piece of newspaper, placing it in the combustion chamber and lighting it. The draft conditions are good if the smoke is drawn away through the chimney.

## **OVERNIGHT BURNING**

Mendip Stoves are designed to burn wood. Wood burns more efficiently and cleanly when it is burnt hotter, the typical burn cycle of a wood load is 1 hour. Mendip Stoves do not recommend that their stoves are burnt overnight for this reason. As a night time regime we recommend that the fire is loaded when hot and burnt for five minutes with the secondary air control fully open until the new wood has taken and is burning, then close the air control to its operational position. On returning to the stove in the morning the fire will have burned out, reload with a firelighter and some kindling and open the air control fully to relight quickly. Beware as the ash bed could still have hot embers.

## **PERMANENT AIR VENT**

The stove requires a permanent air vent to the room. This is to provide adequate air supply in order for the stove to operate safely and efficiently. In accordance with current Building Regulations the installer may fit a permanent air supply vent into the room in which the stove is installed to provide combustion air. This air vent should not under any circumstances be shut off or sealed.

## **WARNING NOTE**

If properly installed, operated and maintained, this stove will not emit fumes into the dwelling. Occasional fumes from de-ashing and re-fuelling may occur. However, persistent fume emission is potentially dangerous and must not be tolerated. If fume emission does persist, then the following immediate action should be taken:-

- (a) Open doors and windows to ventilate the room and then leave the premises.
- (b) Let the fire go out.
- (c) Check for flue or chimney blockage and clean if required
- (d) Do not attempt to relight the fire until the cause of the fume emission has been identified and corrected.  
If necessary seek expert advice.

The most common cause of fume emission is a flue way or chimney blockage. For your own safety these must be kept clean at all times.

## **CO ALARM**

Your installer should have fitted a CO alarm in the same room as the appliance. If the alarm sounds unexpectedly, follow the instructions given under "Warning Note" above.

## **AEROSOLS**

**Aerosols are flammable and therefore dangerous to use around a lit stove. Do not use aerosol sprays near your lit stove. The use of any aerosol is dangerous and care must be taken in handling aerosols.**

## TROUBLE SHOOTING

### 1. Fire Will Not Burn - check

- a) the air inlet is not obstructed in any way,
- b) that the chimney and flue ways are clear and the catalyser is not clogged with ash,
- c) that a suitable fuel is being used,
- d) that there is an adequate air supply into the room,
- e) that an extractor fan is not fitted in the same room as the fire.

### 2. Fire Blazing Out Of Control - check

- a) the doors are tightly closed,
- b) the air controls are turned down to the minimum setting,
- c) the flue damper is closed (if fitted),
- d) a suitable fuel is being used,
- e) the door seals are in good condition.
- f) the chimney draft may be too strong

### 3) Soot forms on the window

- a) The firewood may be too wet
- b) the intake of secondary air may be insufficient
- c) the fire is not hot enough

### 4) The stove fails to heat fully

- a) The firewood may be too wet
- b) the intake of secondary air may be insufficient

### 5) Smoke or odour

- a) weak chimney draft
- b) check for blockages in the flue pipe/ chimney
- c) check the height of the chimney relative to the surroundings

### 6) Soot in the chimney

- a) The firewood may be too wet
- b) intake of secondary air may be insufficient

## MAINTENANCE

Mendip Stoves recommends that your model needs to have the ash removed from the stove at regular intervals (weekly if used daily). Make sure the stove is completely cold before cleaning out ash (embers can remain hot for over 24 hours). Ash must be stored in a non-combustible container and must not be mixed with other combustible waste.

### Annual service

The stove should be serviced by a registered dealer once a year. The stove, the flue pipe connection and the chimney should be checked regularly by a qualified engineer. The chimney should also be checked for blockages before relighting the stove if it has not been used for an extended period of time. Insulating fire bricks should be checked for wear and replaced if necessary. Door rope seals should be changed annually. Glass clamps and glass should be checked making sure the glass is correctly positioned.

To clean the inside the stove, remove all ash, soot and tar residue from the combustion chamber. Remove the insulated chamber panels and baffle. Dirt and soot will collect behind it and this must be cleaned out. The paint/ lacquer can wear thin in exposed places due to overheating. This, and other lacquer damage, may be repaired using Senotherm paint/lacquer spray available from your Mendip dealer. To clean the outside of the stove use a dry cloth. Your stove should be serviced annually by a registered dealer as a condition of the extended warranty of the stove, failure to maintain a service record will invalidate the extended warranty on your stove.

## **Prolonged non use (summer)**

If the stove is to be left unused for a prolonged period of time (e.g. over the summer) then it should be given a thorough clean to remove ash and unburned fuel residues. To enable a good flow of air through the appliance and to reduce condensation and subsequent damage, leave the air controls fully open. It is important that the flue connection, any appliance baffles or throat plates and the chimney are swept prior to lighting up after a prolonged shutdown period.

## **Spare parts & unauthorised alterations**

Only the manufacturer's own components, or replacement parts recommended and approved by Mendip Stoves, should be used for appliance servicing and repair. Any unauthorised alterations will invalidate the stove warranty and compliance with EN 13240.

## **SWEEPING YOUR CHIMNEY & CHIMNEY FIRES**

Ensure that the flue ways and chimney are swept regularly. This can be incorporated in the service regime of your appliance. Regular sweeping is essential and this means at least once a year for smokeless fuels and a minimum of twice a year for wood. If a throat plate is incorporated, it is essential that the throat plate is removed and cleaned above, all ash and debris should be removed. Ensure adequate access to cleaning doors where it is not possible to sweep the chimney through the appliance. Where a chimney has served an open fire installation previously it is possible that the higher flue gas temperature from a closed appliance may loosen deposits that were previously firmly adhered, with the consequent risk of flue blockage. It is therefore recommended that the chimney be swept a second time within a month of regular use after installation of the stove.

### **Chimney Fires**

If the chimney is thoroughly and regularly swept, chimney fires should not occur. However, if a chimney fire does occur turn the air control setting to the minimum, and tightly close the doors of the stove. This should cause the chimney fire to go out in which case the control should be kept at the minimum setting until the fire in the stove has gone out. The chimney and flue ways should then be cleaned. If the chimney fire does not go out when the above action is taken then the fire brigade should be called immediately. After a chimney fire the chimney should be carefully examined for any damage. Expert advice should be sought if necessary.

## **STOVE PARTS, COMBUSTION CHAMBER, ASSEMBLY**

This section shows the parts contained in your stove, each stove has over 80 spare-parts and, each part is detailed. When new parts are required the section will allow spares to be recognised and ordered. As a further source of reference please visit [www.eurostove.co.uk](http://www.eurostove.co.uk) for latest spare-part information.

## **LOOSE PARTS**

Always use the operating tools provided when handling parts likely to be hot when the stove is in use. Your stove has the following parts in the stove.

1. Door gap tool
2. Stove Glove
3. Top plate decorative cover plate
4. Instruction manual & warranty card
5. Vermiculite brick linings (these are integral to the stoves performance-Do not throw away)
6. Moisture absorbency bag

## ASHCOTT- COMBUSTION CHAMBER

### HOW TO REMOVE A VERMICULITE BRICK SET (ES-400-412-1)

**To remove a vermiculite brick set take the following steps:**

Remove Baffle brick pins (10) from side bricks (9&6), Now remove baffle (7) lifting up brick and sliding forward, then tilt brick slightly to remove.

Remove the two base bricks (12), lift up the front edge.

Remove Log retainer section (11)

Remove side left brick (6).

Remove side right brick (9).

Remove rear brick (8) by sliding forward, bottom edge first.

To reinstall repeat instructions in reverse.

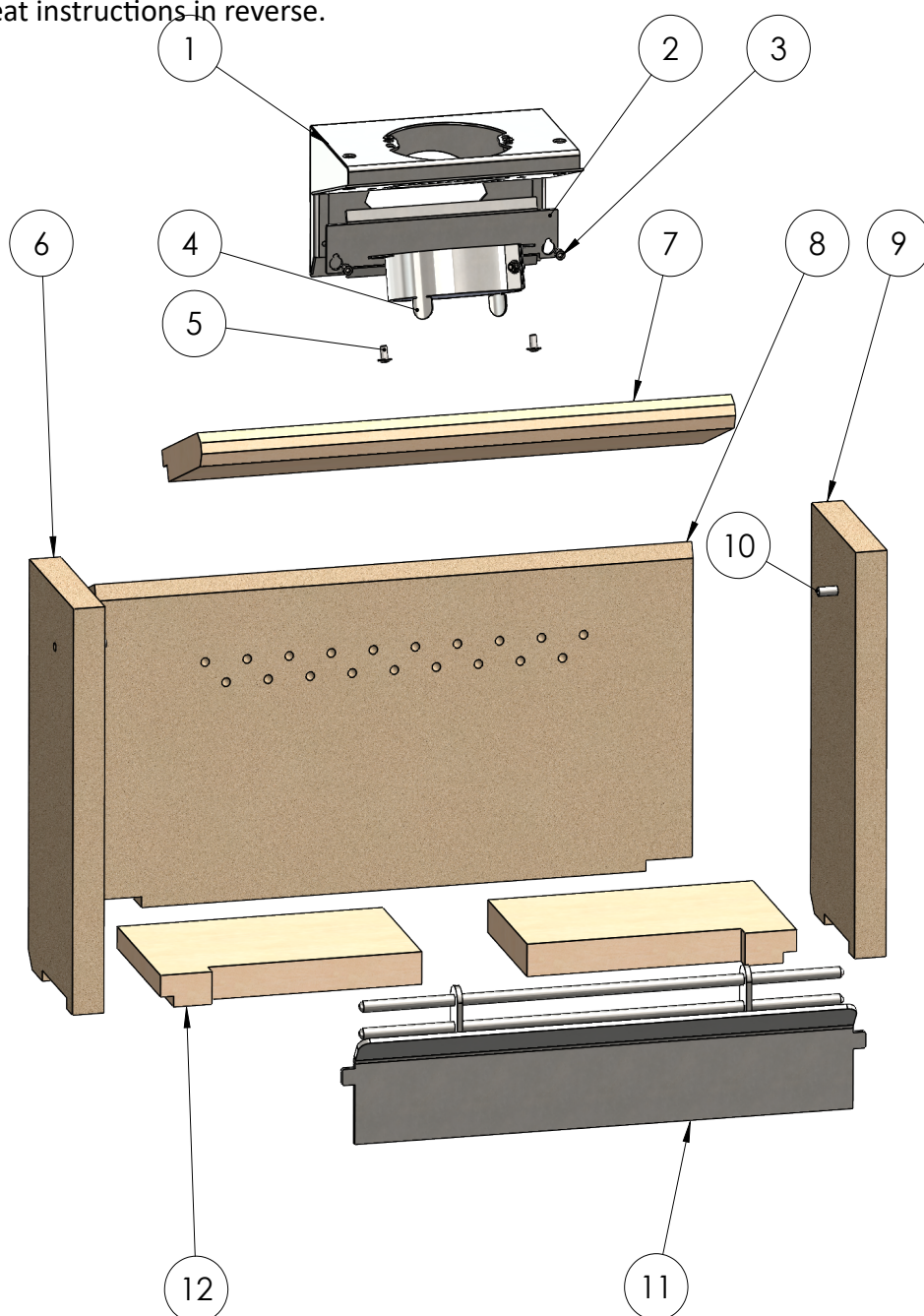


Fig 4

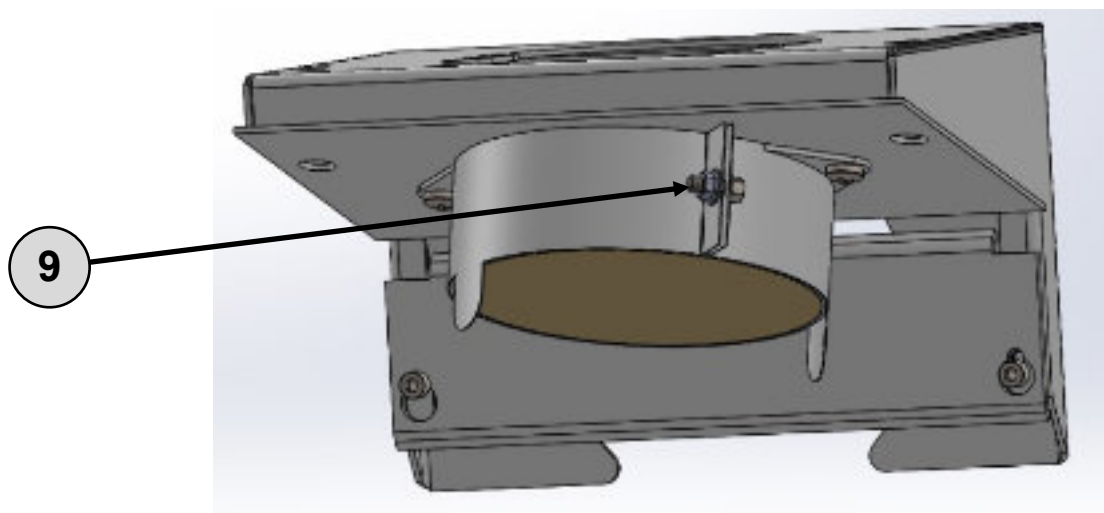
## ASHCOTT- COMBUSTION CHAMBER

**To remove the catalyst for cleaning and sweeping the flue take the following steps:**

Remove the 2 (M6) bolts (Fig 4, #8) and lower the catalyser housing from the roof of the stove.

To remove the catalyser from the housing remove the bolts (9) on the side.

Catalyser part No. M10570-02-70-00-00



### Catalyser care

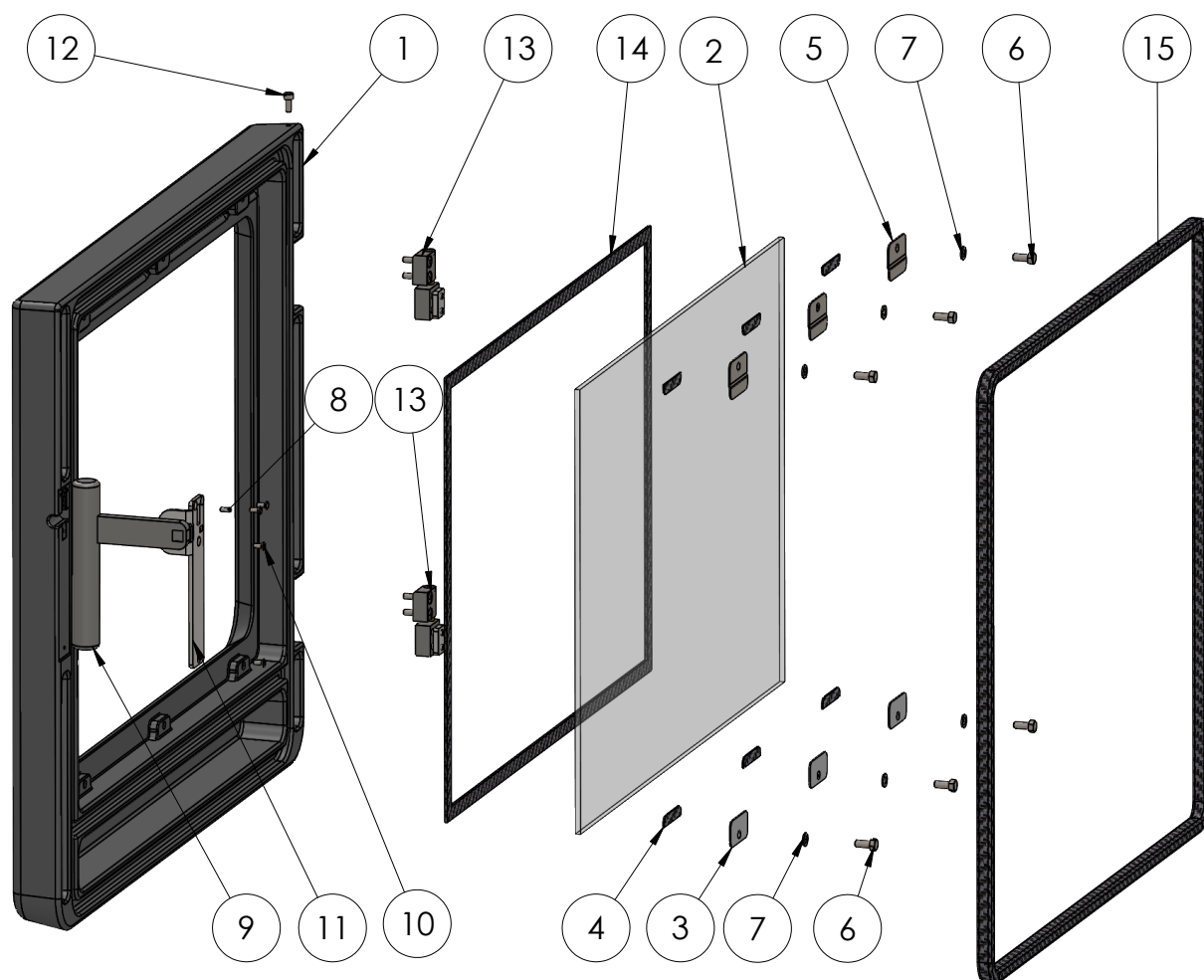
A catalyser is designed to withstand approximately 12,000 hours of continuous use. For most people, this will translate into five to ten years of use, depending on the length of your heating season and how often you use your stove.

Proper maintenance will increase the catalysts effectiveness and prevent many problems. Inspect the catalyser before each heating season, and during the season if your stoves performance seems to change.

Ash, a fluffy light grey powder, and soot, a darker granular material, accumulate on the surfaces in normal use. Ashes accumulate both as a result of the smoke being burned within the catalyser and by being carried out of the firebox by the chimney draft. Soot is often the result of previous creosote deposits having been burned off or of foreign materials having been burned in the firebox.

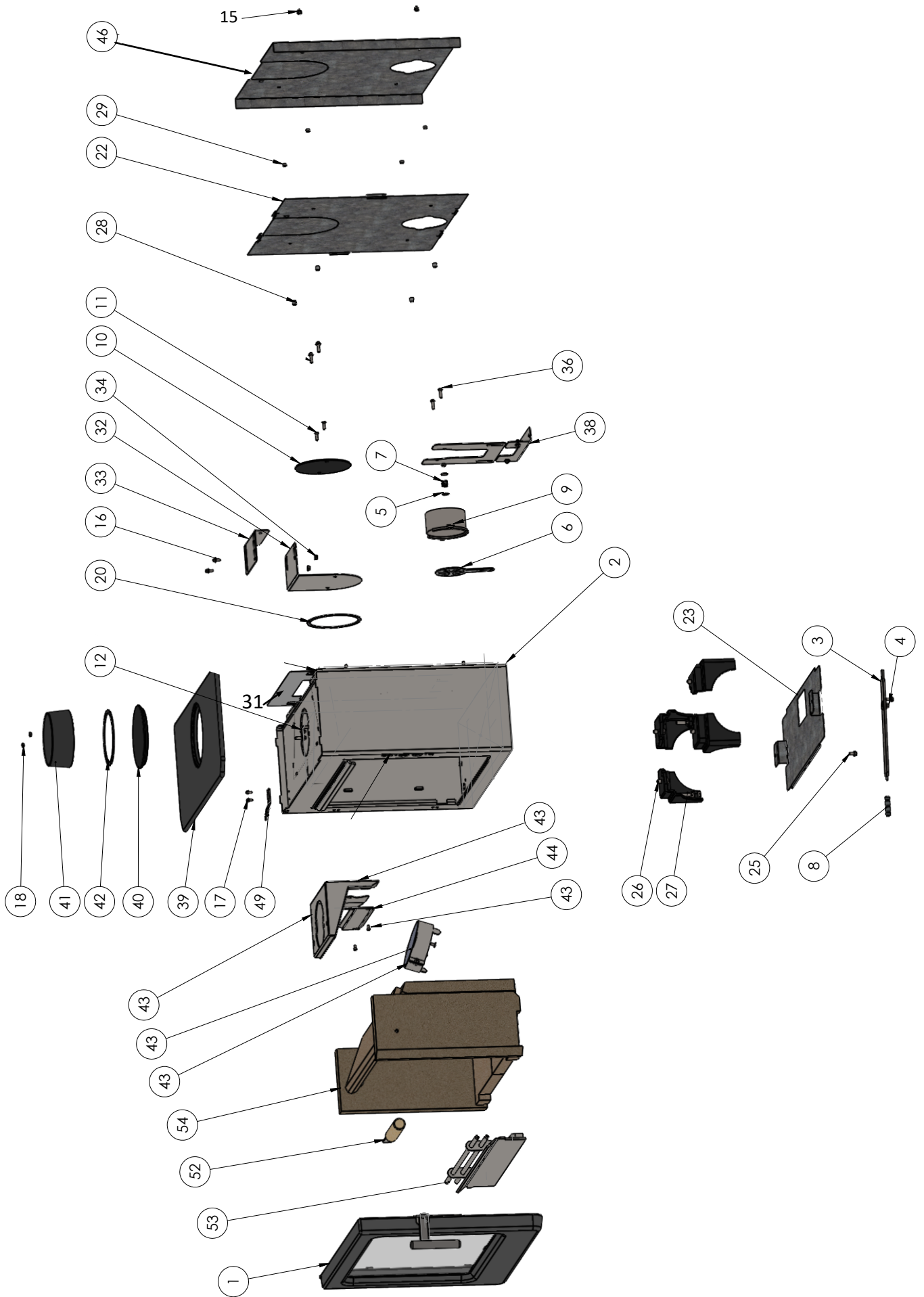
Signs of clogging include reduced heat output and sluggish performance. If your inspection reveals that it is becoming clogged, brush away the soot or ash with a soft brush or vacuum it with a household vacuum cleaner. If soot or ash remains in the cells of the catalyst, gently dislodge it with a cotton swab or pipe cleaner. Avoid using high-pressure air or a hard object to push the material out, as these may remove the essential catalytic coating. Creosote is a tarry brown substance that can accumulate on the catalyser if it is engaged before the smoke is hot enough to activate the catalyst. Once in place, it “masks” the catalytic material on the surface of the catalyser and does not allow it to become active. At this point, the catalyser can quickly accumulate additional creosote. The only way to remove creosote is to burn it off. To do this, you will have to burn your stove at higher than normal temperatures before engaging the catalyser, and leave it engaged until it has all burned away.

## DOOR ASSEMBLY



Door Assembly				
ITEM NO.	MENDIP STOVE CODE	DESCRIPTION (ENG)	DESCRIPTION (FR)	QTY
1	M10570-06-01-00-00	ASHCOTT DOOR	Porte Ashcott	1
2	M10570-01-01-99-00	GLASS	Vitre	1
3	M10560-01-12-99-00	GLASS CLAMP LOWER	Serre de vitre inférieure	3
4		GLASS CLAMP GASKET	Joint de pince à verre	1
5	M10560-01-13-99-00	GLASS CLAMP UPPER	Serre de vitre supérieure	3
6	U91000-98-06-31-00	M6X12 HEX HEAD SCREW	M6 x 12 Hex vis	6
7	U91002-00-00-31-00	M6 WASHER	M6 rondelle	6
8				1
9	M10570-06-04-00-00	HANDLE	Poignée	1
10	M10560-06-27-32-00	SCREW	Vis	3
11	M10570-06-52-99-00	MAGNET HOLDER	Support aimant	1
12				
13	M10560-06-06-99-00	HINGE BLOCK ASSEMBLY	Bloc de charnière assemblage	2
14	M10570-01-02-00-00	GLASS ROPE SEAL	Jointe de vitre	1
15	M10570-06-32-00-00	COMPLETE DOOR SEAL	Jointe de porte	1







ITEM NO.	MENDIP STOVE CODE	DESCRIPTION (EN)	DESCRIPTION (FR)	QTY
1	M10570-06-00-00-00	DOOR COMPLETE	<i>Porte complete</i>	1
2	h6931b	Main Body		1
3		Air control Lever		1
4		Torque nut M6		1
5		Washer		1
6	M10560-11-24-00-00	AIR CONTROL VENT	<i>Contrôle d'air</i>	1
7		Spring		1
8	M10560-11-28-99-00	AIR CONTROL HANDLE	<i>Poignée de contrôle d'air</i>	1
9	9900-2803	Direct Air spigot		1
10	M10560-07-02-00-00	BLANKING PLATE	<i>Plaque d'obturation</i>	1
11		Blanking Plate nuts m6 x20mm		2
12		M5 c 12mm C/s		2
15		Dome nut M6		4
16		M6 flange nut		2
17		Ms x 10 flange nut		2
18		M6 X 20 Hex Flange Screws	<i>M6 X 20 Vis à bride</i>	2
20	M90500-07-10-01-01	COLLAR/BLANKING PLATE SEAL	<i>Joint de collerette/plaque d'obturation</i>	2
22	M10570-20-03-00-00	HEAT SHIELD - REAR INNER	<i>Bouclier thermique - intérieur arrière</i>	1
23	M10570-20-05-00-00	HEAT SHIELD - LOWER	<i>Bouclier thermique - Inférieur</i>	1
25		LOWER HEAT SHIELD BOLTS M6 X12mm		2
26		LEG BOLTS M8 X20mm		4
27	M10570-14-00-00-00	LEG	<i>Pied</i>	4
28	M10560-20-14-99-00	REAR HEAT SHIELD SPACER	<i>Entretoise de bouclier thermique arrière</i>	4
29	M10560-20-14-99-00	REAR HEAT SHIELD SPACER	<i>Entretoise de bouclier thermique arrière</i>	4
31	M10570-20-10-00-00	HEAT DEFLECTOR - COLLAR	<i>Déflexeur de chaleur - Collier</i>	1
32	7911-2744	WALL MOUNT BRACKET 1		1
33	7911-2745	WALL MOUNT BRACKET 2	<i>Déflexeur de chaleur - Collier</i>	1
34		M6 X 20mm		2
36		M6 X 20mm		2
37				
38	7911-2753/7911-2754	FLOOR BRACKET		2
39	M10570-22-03-00-00	TOP PLATE	<i>La plaque supérieure</i>	1
40	M10570-07-11-00-00	COVER PLATE	<i>Plaque de couverture</i>	1
41	M90500-07-05-00-03	FLUE COLLAR	<i>Collier de conduit</i>	1
42	M90500-07-10-01-01	COLLAR/BLANKING PLATE SEAL	<i>Joint de collerette/plaque d'obturation</i>	1
43	M10570-02-77-00-00	CAT. BYPASS KIT (COMPLETE) INC CATALYSER	<i>Catalyseur bypass kit (complete) inc catalyseur</i>	1
44	M10570-02-75-00-00	CATALYSER BYPASS PLATE	<i>Plaque de dérivation</i>	1
46	M10570-20-06-00-00	HEAT SHIELD - REAR OUTER	<i>Bouclier thermique - extérieur arrière</i>	1
52	M10560-06-48-99-00	DOOR SPACER (GAP)TOOL		2
53	ES-400-150-0	ASHCOTT WIDE LOG RETAINER	<i>Retenue de bûches</i>	1
54	ES-400-412-1	BRICK - SET FULL V2	<i>Brique - Ensemble complet v2</i>	6
	W90400-02-25-00	BAFFLE PINS	<i>Goupilles de déflecteur</i>	2

#### NOTE: Ticking Noises from the Stove

A stove can make a ticking noise when in use which is caused by the steel panels as they expand and contract with the heat during the burn cycle. Convection stoves are more likely to make a ticking noise as they have more panels, and the panels will naturally vary in temperature to one another.

For example, a Mendip logstore stove is made with over 147 individual parts, this number of parts includes the convection panels that allows the stove to achieve low distances to combustible walls. The panels vary in their thickness and depending how warm the panels are expansion levels will differ. This is a natural process and should not be a concern.

## SUMMARY

This report contains the test results of a room heater fired by solid fuels in accordance with NEN EN 13240:2001 and NEN EN 13240-A2:2004.

### Brief description of the project

Description	
Date of test	March 28, 2019 April 1, 2019
Manufacturer	Eurostove Limited UNIT H1, MENDIP INDUSTRIAL ESTATE MENDIP ROAD ROOKSBRIDGE, SOMERSET BS26 2UG, UK
Principal	Eurostove Limited
Appliance	Ashcott Wide
Test category	Initial type test

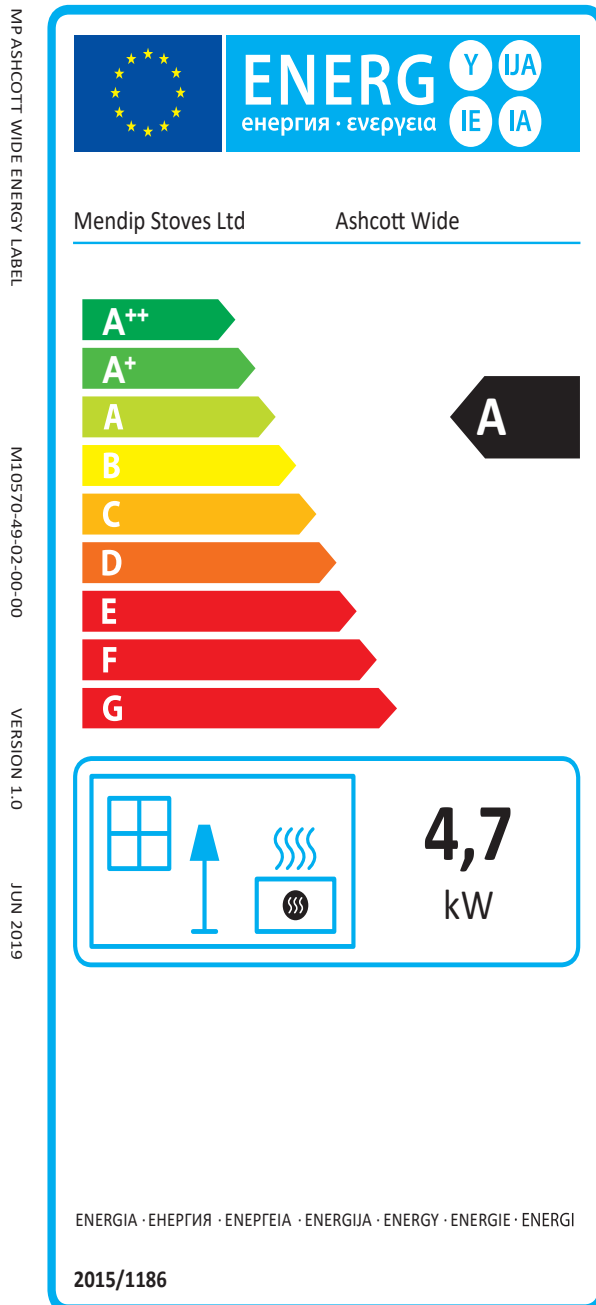
An abstract of the results is presented below:

### Abstract of the test results

Essential characteristic	
Test fuel	Beech
Fire safety	Pass
Emission of combustion products (related to 13% O <sub>2</sub> )	CO: 0.04 vol% NO <sub>x</sub> : 151 mg/m <sup>3</sup> C <sub>x</sub> H <sub>y</sub> : 54 mg/m <sup>3</sup> Dust: 31 mg/m <sup>3</sup>
Surface temperature	Pass
Measured thermal output	4.7 kW
Energy efficiency	75.0 %
Release of dangerous substances	Pass

Room heater **Ashcott Wide** is an intermittent burning appliance. The appliance is not suitable for installation on a shared flue gas system.

This test report consists of pages 1 until 15 and the annexes 1 until 3.



### Product End-of-Life/Recycling:

To dispose of the stove after the product life has expired, please observe the following information.

- Dispose of the items correctly i.e. separate the parts to be disposed of in material groups.
- Always dispose of items in a way that is as sustainable as possible and that is in line with the current environmental protection, reprocessing/recycling and disposal technology.

**Mendip Stoves Ltd**

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Product code: M10570-49-00-99-01

