

# STOVAX

---



## *Stockton Milner Brick*

### *Inset Convector Stove*

MODELS: STMB

## **Instructions for Use, Installation and Servicing**

**For use in GB & IE (Great Britain and Republic of Ireland).**



This appliance has been certified for use in countries other than those stated. To install this appliance in these countries, it is essential to obtain the translated instructions and in some cases the appliance will require modification. Contact Stovax for further information.

### **IMPORTANT**

**This appliance will become hot whilst in operation, it is therefore recommended that a suitable guard should be used for the protection of young children, the elderly or infirm. Do not attempt to burn rubbish in this appliance.**

**Please read these Instructions carefully before installation or use.  
Keep them in a safe place for future reference and when servicing the fire.**

**The commissioning sheet found on page 3 of these instructions should be completed by the Installer.**

## COVERING THE FOLLOWING MODELS:

### STMB

#### **APPLIANCE COMMISSIONING CHECKLIST 3**

#### **USER INSTRUCTIONS 4**

General Points	4
Warning	5
Using the Appliance for the first time	6
Recommended Fuels	6
Lighting the Appliance	6
Running the Appliance	7
Burning Tips	8
Ash Removal	9
Extended Burning	9
Over-Firing	9
Chimney Fire	9
General Cleaning	10
Cleaning Glass	11
Chimney Sweeping	10
Care of Stove	10
Seasonal Use	10
Troubleshooting Tips	11

#### **INSTALLATION**

#### **TECHNICAL SPECIFICATION 12**

Standard Features	12
Packing List	12
Dimensions	13

#### **SITE REQUIREMENTS 14**

Flue & Chimney	14
Flue Outlet Positions	15
Minimum Hearth Dimensions	15
Milner Brick Opening	16
Fire Surround Clearances	16

#### **PRE-INSTALLATION 17**

Flue	17
Ventilation	17
Fitting Appliances on a Boat	18

#### **INSTALLATION INSTRUCTIONS 19**

Legal Requirements	19
Installing the Appliance	19
Removal of Door	20
Removal of Log Guard	20
Fitting & Removal of Baffle	20
Fitting & Removal of Grate	20
Fitting & Removal of Cleanburn Chamber	21
Fitting & Removal of Firebricks	22
CO Alarms	22

#### **COMMISSIONING 23**

#### **MAINTENANCE & SERVICING 24**

Annual Service	24
Removal of Log Guard	25
Removal of Baffle	25
Removal of Fire Bricks	25
Removal of Grate	25
Fitting a New Glass Door	25
Fitting a New Door Seal	25
Adjusting Door Hinges	26

#### **SPARE PARTS 27**

#### **SERVICE RECORDS 29**

#### **EC DECLARATION OF CONFORMITY 30**



This appliance has been approved by HETAS Ltd.

#### **WARRANTY**

Your Stovax retailer provides you with a Two Year Warranty for your new product. However, this specifically excludes naturally wearing parts or 'consumables' and the use of unauthorised fuels.

Some Stovax products will also qualify for a Five Year Warranty on cast iron parts such as cast iron carcasses and cast iron doors of steel bodied stoves. Again, this excludes naturally wearing cast iron parts.

For these extended warranties to be valid your stove must have been installed in accordance with the manufacturer's instructions and the second and subsequent year's warranties are dependant on the appliance being serviced within 12 months of installation by an appropriately qualified engineer and annually thereafter.

Please check the WARRANTY STATEMENT on the STOVAX website at [www.stovax.com](http://www.stovax.com) for up-to-date list of conditions.

# APPLIANCE COMMISSIONING CHECKLIST

To assist us in any guarantee claim please complete the following information.  
In the unlikely event of a problem, contact your installer or retailer for assistance:

## Retailer appliance was purchased from

Name: .....

Address: .....

.....

Telephone number: .....

## Essential Information - MUST be completed

Date installed: .....

Model Description: .....

Serial number: .....

## Installation Engineer

Company name: .....

Address: .....

.....

Telephone number: .....

## Commissioning Checks (to be completed and signed)

Is flue system correct for the appliance      YES       NO

Flue swept and soundness test complete      YES       NO

Smoke test completed on installed appliance      YES       NO

Spillage test completed      YES       NO

Use of appliance and operation of controls explained      YES       NO

Instruction book handed to customer      YES       NO

Signature: .....

Print name: .....

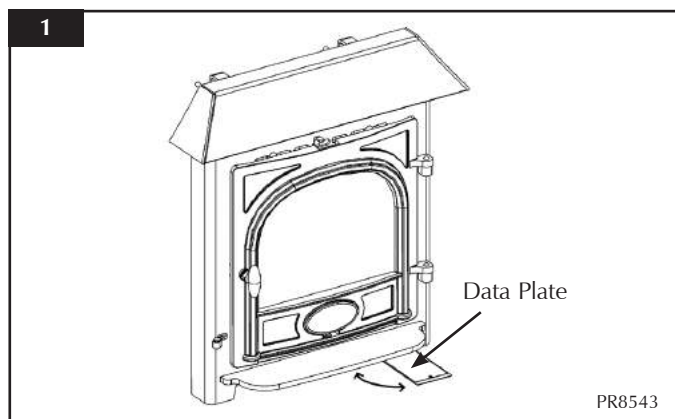
# USER INSTRUCTIONS

## 1. GENERAL POINTS

- 1.1 **Before installation and/or use of this appliance please read these instructions carefully to ensure that all requirements are fully understood.**
- The appliance must be fitted by a registered installer\*, or approved by your local building control officer.**
- 1.2 **All local regulations, including those referring to national and European Standards need to be complied with when installing the appliance.**
- 1.3 Only use for domestic heating in accordance with these operating instructions.
- 1.4 Only approved fuels must be burned. Do not use with liquid fuels or as an incinerator.
- 1.5 Appliance surfaces become very hot when in use. Use a suitable fireguard if young children, elderly or infirm persons are present. Stovax offer firescreens, sparkguards and hearthgate systems for protection‡. Your Stovax retailer can advise you about these products.
- 1.6 Do not place photographs, TV's, paintings, porcelain or other combustible items on the wall or near the appliance. Exposure to hot temperatures will cause damage. Do not place furniture, or other items such as drying clothing, closer than 1m from the front of this appliance.
- 1.7 Extractor fans or cooker hoods must not be placed in the same room or space as this can cause the appliance to emit fumes into the room.
- 1.8 Do not obstruct inside or outside ventilation required for the safe use of this appliance.
- 1.9 Do not make unauthorised changes to the appliance.
- 1.10 The chimney must be swept at least once a year (see *User Instructions, Section 13*).
- 1.11 **Do not connect, or share, the same flue or chimney system with another appliance.**

### SERIAL NUMBER

- 1.12 This number is required when ordering spare parts or making warranty claims.
- It is found on the appliance data plate (see Diagram 1).

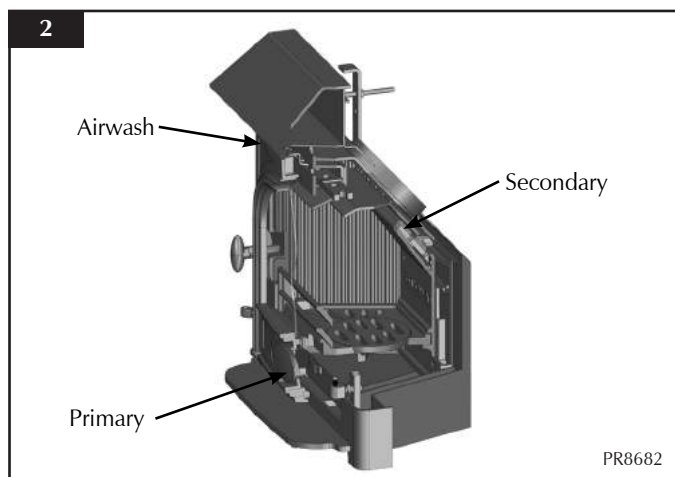


## AIR CONTROLS

### Triple Air Systems

Several Stovax appliances have triple air systems providing cleaner burning, and greater efficiency and control (see Diagram 2).

- 1) Airwash - air drawn over the window cleans the glass. The source of Primary Combustion air when burning wood.
- 2) Primary Air - for use with solid fuel and to start wood fires.
- 3) Cleanburn - secondary air is preheated through a heat exchanger to combust unburned hydrocarbons, providing a cleaner and more efficient burn.

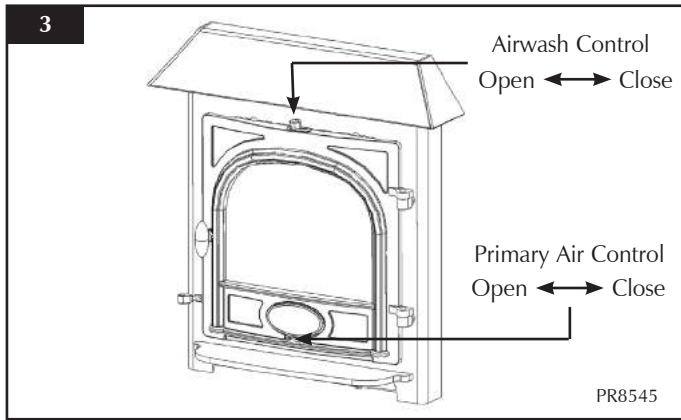


For Air Controls see Diagram 3.

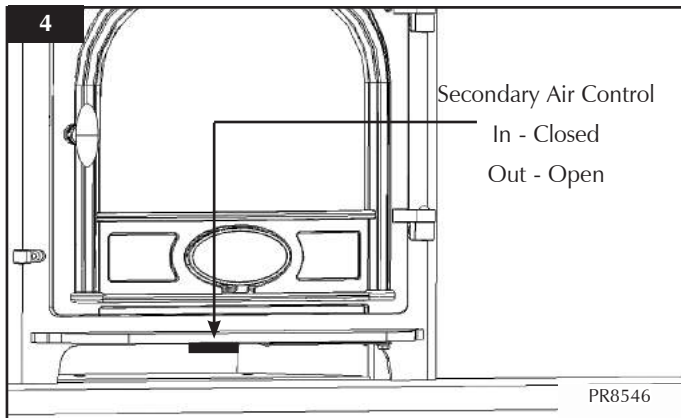
‡In the U.K. these products must conform to the latest edition of BS 8423, Fireguards for use with solid fuel appliances. If appliance is operating unattended they must conform to the latest edition of BS 3248.  
\*Registered on the Competent Persons Scheme (GB only) see page 26.

# USER INSTRUCTIONS

## AIRWASH AND PRIMARY AIR CONTROLS



## SECONDARY AIR CONTROLS



## DOOR HANDLE

### 1.13 Use a protected gloved hand to operate.

Drop tool over knob to fit.

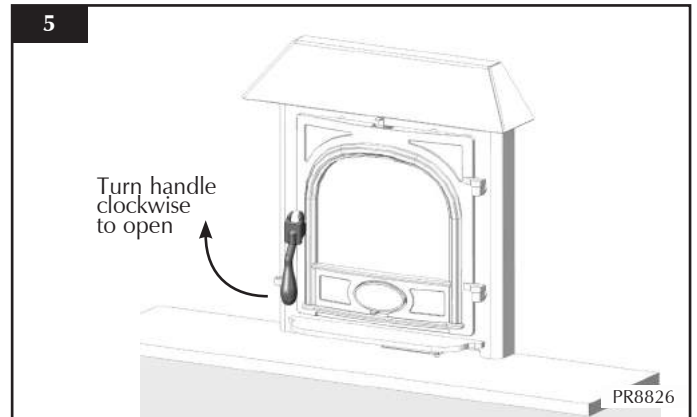
Lift to remove.

### 1.14 Rotate ¼ turn clockwise to open.

Rotate ¼ turn anti-clockwise to close.

**Warning:** Do not force the handle to turn more than ¼ as damage may occur (see Diagram 5).

**DO NOT OPEN THE DOOR WITH BARE HANDS**



## WARNING

Properly installed, operated and maintained, this appliance will not emit fumes into the room. Occasional fumes from de-ashing and refuelling may occur.

**Persistent fume emission is potentially dangerous and must not be tolerated.**

If fume emission does persist:

- Open doors and windows to ventilate the room.
- Leave the room.
- Allow fire to burn out and safely dispose of fuel from the appliance.
- Check for chimney blockage and clean if required.
- Do not attempt to relight until the cause of the emission has been identified and corrected

**If necessary seek expert advice.**

—All open flued appliances can be affected by temporary atmospheric conditions which may allow fumes to enter the house. **Because of this an electronic carbon monoxide detector conforming to the latest edition of BSEN50292 must be fitted in the same room as the appliance. The existence of an alarm must not be considered a substitute for ensuring regular servicing and maintenance of the appliance and chimney system.**

**If the alarm sounds follow the instructions given under Warning above.**

# USER INSTRUCTIONS

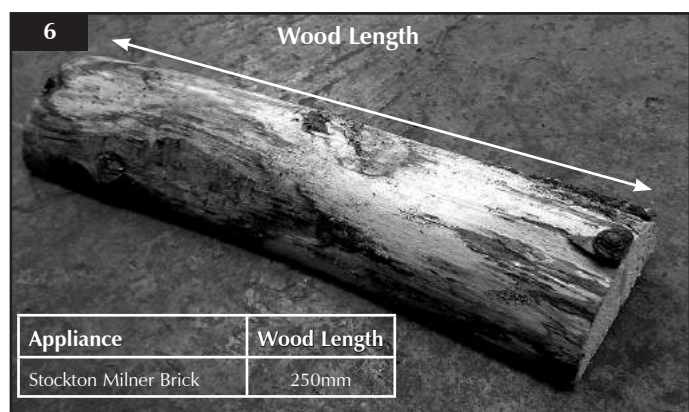
## 2. USING THE APPLIANCE FOR THE FIRST TIME

- 2.1 To allow the appliance to settle, and fixing glues and paint to fully cure, operate the appliance at a low temperature for first few days.
- 2.2 **Do not touch the paint during the first period of use.**
- 2.3 During this time the appliance may give off some unpleasant odours. Keep the room well ventilated to avoid a build-up of fumes.

## 3. RECOMMENDED FUELS

### 3.1 Wood Logs:

Burn only seasoned timber with a moisture content of less than 20%. To ensure this allow cut wood to dry for 12 to 18 months.



Poor quality timber:

- Causes low combustion efficiency.
- Produces harmful condensation.
- Reduces effectiveness of the airwash and life of the appliance.

**Do not burn construction timber, painted, impregnated / treated wood, manufactured board products or pallet wood.**

### 3.2 Solid fuel:

Burn only anthracite or manufactured briquette smokeless fuels listed as suitable for use with closed heating appliances.

**Do not burn bituminous coal, 'petro-coke' or other petroleum based fuels as this will invalidate the product guarantee.**

\*In the U.K.

- Ring the Solid Fuel Association advice line on 0845 601 4406 for details
- Visit their web site at [www.solidfuel.co.uk](http://www.solidfuel.co.uk)

### 3.3 Fuel consumption.

As tested at nominal heat output to the requirements of EN 13229: 2001 for intermittent operation:

Description	Fuel Consumption	
	Kg/hour Wood	Kg/hour Briquette Smokeless fuel
Stockton Milner Brick	1.6kg	1.2kg

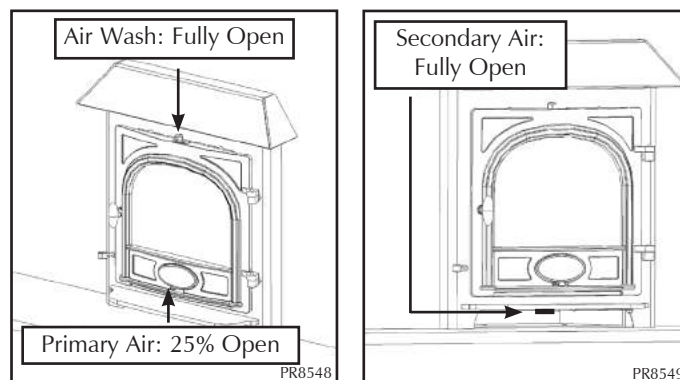
- 3.4 For advice on suitable solid fuels contact your local approved coal merchant\*.

A number of factors can affect the performance of the appliance, see *User Instructions*, Section 6 for details.

## 4. LIGHTING THE APPLIANCE

- 4.1 For best results:

Set air controls (see diagram below).



—Place firelighters or paper and dry kindling wood on the grate.

—Light the paper or firelighters (see Diagram 7).

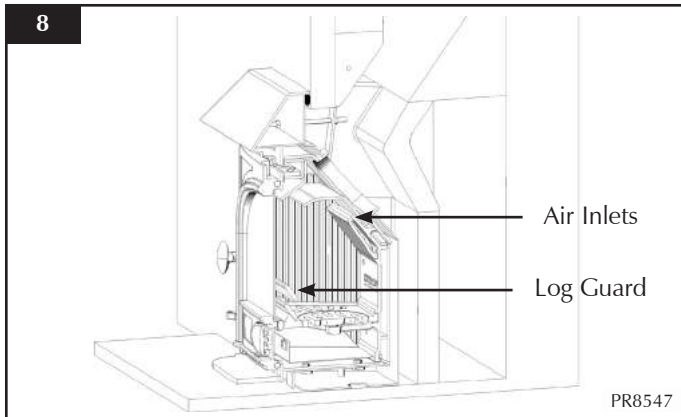


—Leave the door slightly open as the fire establishes and the glass warms to avoid the build-up of condensation.

# USER INSTRUCTIONS

—Add larger pieces of wood. Too many logs may smother the fire.

**Do not load fuel above the log guard and the secondary combustion inlets at the back of the firebox** (see Diagram 8).



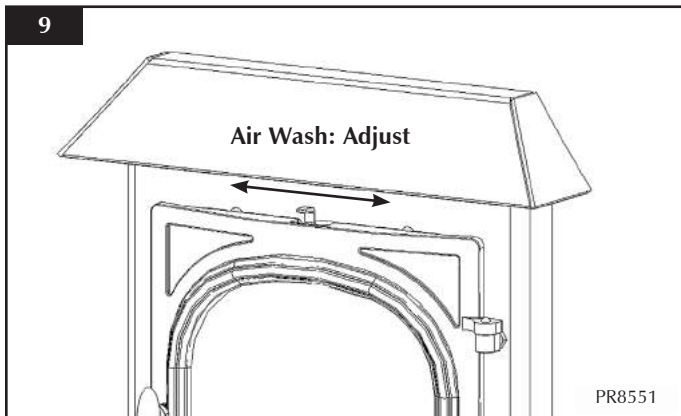
—Close the door.

**Do not leave the door open as this could over-fire and damage the appliance.**

## 5. RUNNING THE APPLIANCE

### 5.1 Burning Wood:

—Close the **Primary Air control** and use the **Airwash** to control the temperature (see Diagram 9).



—Wood burns best on a bed of ash (approx. 25mm (1") deep).

—Rake the embers evenly over the firebed and open the **Airwash control** fully for a few minutes before re-fuelling.

—**Do not close the Secondary Air control when burning wood.**

5.2 Burn new logs at a high temperature for a few minutes before adjusting the **Airwash control**. Refuel little and often for clean, efficient burning.

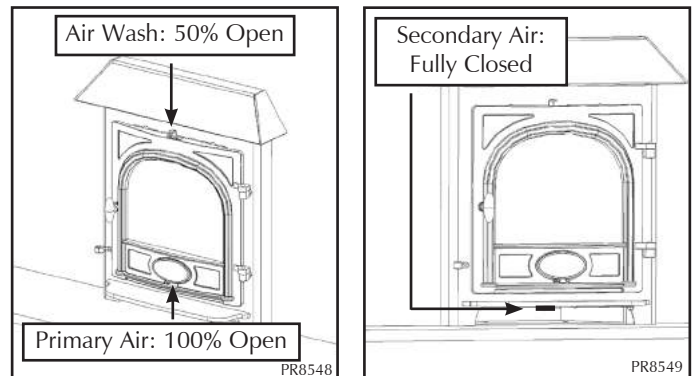
5.3 Experience establishes settings to suit personal preferences.

5.4 Do not burn large amounts of fuel with the **Airwash control** closed for long periods of time. This reduces the glass cleaning effect and causes tars and creosotes to build-up in the appliance and flue system.

5.5 When in use, burning the appliance at a high temperature for a short period also reduces tars and creosotes.

### 5.6 Burning Solid fuel:

—Set air controls (see diagram below).



5.7 De-ash the firebed before re-fuelling (see *User Instructions, Section 7*).

Open the **Primary Air Control** fully to establish a glowing bed before adding new fuel.

Burn new fuel at a high temperature for a few minutes before adjusting the **Primary Air Control** to the desired setting.

Refuel little and often for clean, efficient burning.

5.8 Experience establishes settings to suit personal preference.

5.9 Do not burn large amounts of fuel with the **Primary Air Control** on a low combustion setting for long periods of time. This reduces the glass cleaning effect of the Airwash and causes tars and creosotes to build-up in the appliance and flue system.

5.10 When in use, burning the appliance at a high temperature for a short period reduces tars and creosotes.

5.11 **Only anthracite or smokeless fuels suitable for use in closed appliances must be burned in this appliance.**

5.12 **Do not burn bituminous coal, 'petro-coke' or other petroleum based fuels as this invalidates the product guarantee.**

5.13 **Do not load fuel above the log guard and the Secondary Air Inlets at the back of the firebox** (see Diagram 8).

# USER INSTRUCTIONS

## 6. BURNING TIPS

### 6.1 Fuel Quality (Wood)

Use wood with a moisture content of less than 20%. Seasoned logs have the bark beginning to lift and peel away and cracks radiating from the centre. They feel lighter than fresh cut wood of a similar size and sound hollow when struck against each other. Logs should not feel damp or have moss or fungal growths.

Symptoms related to wet wood:

- Difficulty starting and keeping a fire burning well.
- Smoke and small flames.
- Dirty glass and/or Firebricks.
- Rapid creosote build-up in the chimney.
- Low heat output.
- Short burn times, excessive fuel consumption and blue/grey smoke from the chimney.

Burn at a high temperature for a short period each day to avoid large build-ups of tars and creosotes within the appliance and the flue system.

Use Stovax Protector chimney cleaner to reduce this problem.

### 6.2 Fuel Quality (Solid Fuel)

Use recommended solid fuels approved for use with closed appliances.

Symptoms related to unsuitable fuels include:

- Difficulty starting and keeping a fire burning well.
- Smoke and small flames.
- Dirty glass and/or fire bricks.
- Short life span for grate, baffle and internal firebricks.
- Permanent staining of glass.

### 6.3 Air inlets puffing smoke

Combustion gases can build up in the firebox and ignite as small explosions, causing smoke to puff out of the air inlets and other openings. This occurs if the air controls are shut soon after adding new fuel to a very hot fire. Stop by opening the air controls to increase combustion air and burning rate.

### 6.4 Flue Draught

The chimney has two main functions:

- 1) To safely remove the smoke, gases and fumes from the house.
- 2) To provide a sufficient amount of draught (suction) in the appliance ensuring the fire keeps burning.

Draught is caused by the rising hot air in the chimney when the appliance is lit.

Symptoms of poor performance related to flue draught include:

- Excessive fuel consumption (high flue draught).
- Poor burning control and/or overheating (high flue draught).
- Wind noise from air controls (high flue draught).
- Difficulty getting a fire going and keeping it burning well (low flue draught).
- Low heat output (low flue draught).
- Smoke entering room when doors are opened (low flue draught).

The construction, position, size and height of the chimney all affect the performance of the flue draught.

Other factors effecting the flue draught include:

- Nearby trees or buildings causing turbulence.
- Outside temperature.
- Outside weather conditions.
- Incorrect additional ventilation to building.
- Blocked flue or chimney.

For advice on the correction of persistent flue problems consult a qualified heating engineer before continuing to use the appliance.

### 6.5 Weather conditions

The weather conditions outside the building can effect the burning performance of the appliance. These could include:

Weather Conditions	Problem	Effect
Windy days	Buildings/obstacles cause turbulent air around chimney	Smoky appliance
Calm days	Oversized chimney	Smoky appliance
Damp / Rainy days	Flue temperature not hot enough / rain water inside chimney	Lighting and burning problems

To reduce these problems:

- Use good quality kindling wood to start the fire.
- Burn initially at a high temperature for a short period.
- Fit a rain cowl to the chimney.

Your installer should advise you on possible solutions.

If the appliance emits smoke into the room continuously:

- Close the air controls and allow the appliance to go out.
- Ventilate the room to clear the fumes.

**Do not re-light the appliance until the problem is solved.**



# USER INSTRUCTIONS

## 7. ASH REMOVAL

**Do not allow ash to build up in the appliance as it will not burn properly and may cause damage.**

### 7.1 Wood

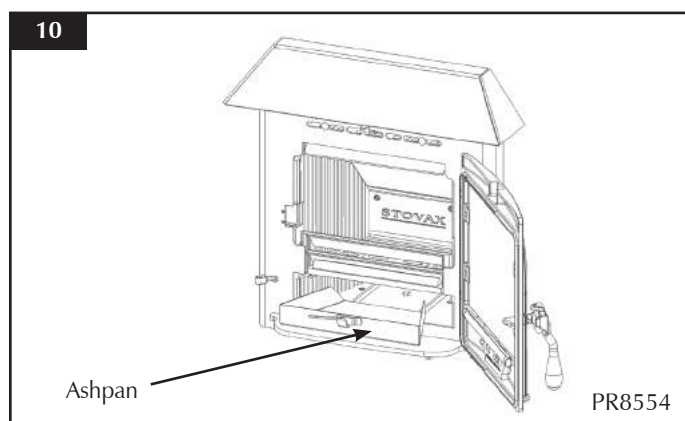
—Open doors and remove ashpan using tool provided (see Diagram 10).

—Leave a layer of ash to start the new fire on.  
Wood burns best on a bed of ash (approx. 25mm (1") deep).

—Remove ash with a small shovel and place into a Stovax Ash Caddy (Stovax Part No. 4227) or other suitable container.

**Do not place hot ash in any container made from plastic or any other combustible material.**

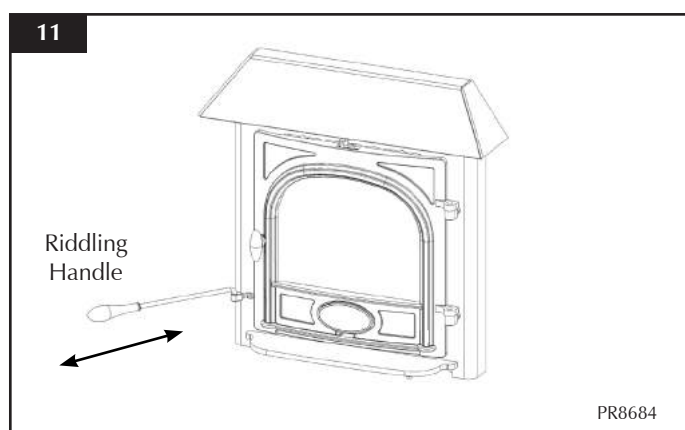
—De-ash at least once a week or when ashpan is full.



### 7.2 Multi-fuel:

—De-ash the appliance before filling with new fuel. Do not allow ash to build up on the underside of the grate as this can cause premature failure.

—Riddle (see Diagram 11).



7.3 Open doors and remove ashpan carefully. Heat can remain long after use (see Diagram 10).

7.4 Remove ash with a small shovel and place into a Stovax Ash Caddy (Stovax Part No. 4227) or other suitable container.

7.5 Do not place hot ash in a receptacle made from plastic or any other combustible material.

## 8. EXTENDED BURNING

8.1 It is possible to get the appliance to burn for extended periods of time. In order to do this:

—De-ash prior to final refuelling.

—Set air controls to low combustion settings.  
This will gradually blacken the glass but it will clear when operated at a high temperature for a short period.

—Use smokeless fuel or small, thick logs.

## 9. OVER-FIRING

9.1 Do not over-fill with fuel or run at high temperatures for long periods or over-firing can occur. If the flue pipe, flue collar or top plate glow red the appliance is over-firing. Close the air controls to reduce the temperature.

9.2 **Over-firing can cause permanent damage to the appliance.**

## 10. CHIMNEY FIRE

10.1 **If a chimney fire occurs:**

—Shut all air controls immediately.

—Evacuate the building.

—Call the fire brigade.

—Do not re-enter the building until it is confirmed safe.

10.2 **Do not use the appliance after a chimney fire until:**  
a) **It has been inspected by a registered installer\* who has confirmed the appliance is safe to use.**

b) The chimney system has been inspected and swept by a chimney sweep, confirming the system is structurally sound and free from obstruction\*\*.

c) **It is repaired as required before re-use.** Use only genuine Stovax replacement parts to keep your appliance in safe, efficient working order.

\* Registered on the Competent Persons Scheme (GB only)/INFO (Republic of Ireland only) see page 25 for details.

\*\*This should be done by a HETAS Approved Chimney Sweep (UK only)/INFO registered (Republic of Ireland only) see page 26, who will issue you with a certificate.

# USER INSTRUCTIONS

## 11. GENERAL CLEANING

- 11.1 Clean and inspect the appliance regularly, especially in periods of heavy use. Regular cleaning and maintenance will help give many years of safe use.  
**Allow appliance to cool thoroughly to avoid risk of burns.**

Clean regularly, according to level of use.

Remove the ash completely (see *User Instructions, Section 7*).

Check the internal components for damage (grates, cast iron firebricks, baffle and log guard). Do not use the appliance if any parts are broken or damaged. Replace damaged parts with genuine Stovax replacement parts to keep the appliance in safe, efficient working order.

Check for obvious build up of soot, ash or debris above the flue baffle(s) (these can be found in the upper part of the firebox). Use a torch if necessary.

If there are any signs of a build up of debris above the flue baffle(s) either:

—Arrange for the chimney to be swept (see *User Instructions, Section 13*).

—Remove the baffle and clear the debris (see *Installation Instructions, Section 4*).

To refresh painted finishes use Stovax Thermolac paint.

Wipe dry with a soft clean cloth before relighting. Always dry appliance to avoid rust.

**Do not use abrasive cleaner or cleaning pads.**

Check that the door shuts properly and creates an effective seal. Leaking door seals prevent the appliance working properly.

**Do not use aerosol sprays near an operating appliance.**

## 12. CLEANING GLASS

Keep the glass clean with correct use of the Airwash system and good quality fuel.

- 12.1 Sometimes additional cleaning may be required.

This can be done as follows:

—Allow appliance to cool fully. **Do not clean hot glass.**

—Use a soft cloth and Stovax Glass Cleaner.

- 12.2 Before re-lighting the appliance dry the glass fully.

- 12.3 **Do not use abrasive cleaner or cleaning pads.**

## 13. CHIMNEY SWEEPING

- 13.1 To maintain safe and efficient use of the appliance, the chimney/flue must be inspected and swept at least once a year by a qualified chimney sweep\*\*. If the appliance is used continuously throughout the year, or it is used to burn wood or smokeless fuel, more frequent sweeping is recommended.

The best time to have the chimney swept is at the start of the heating season.

The above applies even if burning smokeless fuels.

- 13.2 The chimney, any connecting flue pipe and the appliance flue ways, if incorporated, must be regularly cleaned.
- 13.3 Ensure adequate access for cleaning where it is not possible to sweep through the chimney.
- 13.4 If the chimney is believed to have previously served an open fire it must be swept a second time within a month of regular use after installation.

## 14. CARE OF STOVE

Stovax has a range of cleaning and maintenance products and accessories to keep your appliance in good working order. Your Stovax retailer can advise you on suitable items for your stove and provide genuine spare parts such as replacement glass, door sealing rope and firebricks. View the extensive range at [www.stovax.com](http://www.stovax.com) by clicking on *Accessories*. In addition, an annual service by a competent engineer is recommended to keep your stove in the best possible condition.



\*\*This should be done by a HETAS Approved Chimney Sweep (UK only) see page 26 / INFO registered (Republic of Ireland only) who will issue you with a certificate.

# USER INSTRUCTIONS

## 15. SEASONAL USE

- 15.1 Clean and service the appliance if it is not used during the warmer periods of the year, as detailed in the *Maintenance and Servicing* section.
- 15.2 Set the air controls to 50% to keep the appliance ventilated and stop the build-up of any moisture inside.
- 15.3 Before re-lighting the appliance:
- Remove the baffle.
  - Clear any debris that may have accumulated.
  - Check the flue is clear of any blockages.

## 16. TROUBLESHOOTING TIPS

- 16.1 **Stove glass blackening**  
This has four possible causes:
1. **Incorrect use of Airwash**  
See *User Instructions, Sections 1, 4 and 5* for the correct use of the air controls.
  2. **Burning unseasoned wood**  
See *User Instructions, Section 3* to identify when wood is ready for burning.
  3. **Stove operated at too low a temperature**  
A stove pipe thermometer can identify this problem (Stovax part no 3046). **The ideal working temperature range** is 130°C - 250°C (270°F - 480°F). Failing to close down the Primary Air Control once the appliance has heated up to this range may cause the appliance to exceed the ideal temperature range and to over-fire. Over-firing can cause permanent damage to the appliance and invalidates your warranty. Burn with the Airwash Control fully open for approximately 20 minutes to cure this.  
  
The problem may be caused by damping down the appliance during periods of extended burning.
  4. **Problems with the flue**, in particular insufficient air pull. If the flue is not working efficiently the glass can blacken. A flue which has too much downdraft may be too short, needs lining, or has too many bends. This can also cause blackening of the stove glass. Contact the installer or a flue specialist for advice.
- 16.2 **Glass cracking**  
Do not over tighten the screws on the glass clips when replacing the glass. This causes stress and the intense temperature changes can cause the glass to crack. For replacement glass contact your local Stovax retailer.

## 16.3 Appliance is producing tar

This can be identified by:

- A very strong pungent smell shortly after the appliance is lit and heats up.
- Glass blackening.
- Thick, brown, sticky tar oozing from the pipe joints.

This is caused by burning damp wood and running the appliance at too low a temperature.

Use well seasoned wood and operate the appliance within the ideal temperature range.

**Tar is a major cause of chimney fires.** If the appliance experiences problems with tar build up consult a chimney sweep before continued use of the appliance.

## 16.4 Hinge Pin Riding Up

This occurs when the hinge block has moved out of alignment. To correct this, adjust the hinge blocks back to the vertical position (see *Maintenance & Servicing, Section 8*).

## 16.5 In the unlikely event of a problem that cannot be solved by these tips contact your installer or retailer for help.

# TECHNICAL SPECIFICATION

## STOCKTON MILNER BRICK

<b>Model</b>				
Stockton Milner Brick				
Nominal Heat Output	Wood	kW	4.6	
	Solid Fuel	kW	5.0	
Flue Draught at Nominal Heat Output	All Fuels	mm Wg	1.5	
		inch Wg	0.05	
Flue Gas Mass Flow	Wood	g/s	4.1	
	Solid Fuel	g/s	3.9	
Flue Gas Temperature	Wood	°C	338	
	Solid Fuel	°C	338	
Flue Outlet Size			mm	152
			inch	6
Weight		kg	90	
Recommended Fuels	Wood	Seasoned wood (less than 20% moisture content)		
	Refuel Rate	45 mins		
	Solid Fuels	Briquette smokeless fuel suitable for closed appliances. (Ancit - Phurnacite - Taybrite - Homefire ovals)		
	Refuel Rate	1 hour		
<b>Do not burn petroleum based fuels such as petro-coke, as these will seriously damage the appliance.</b>				
As tested to the requirements of EN 13229 for intermittent operation.				

### STANDARD FEATURES

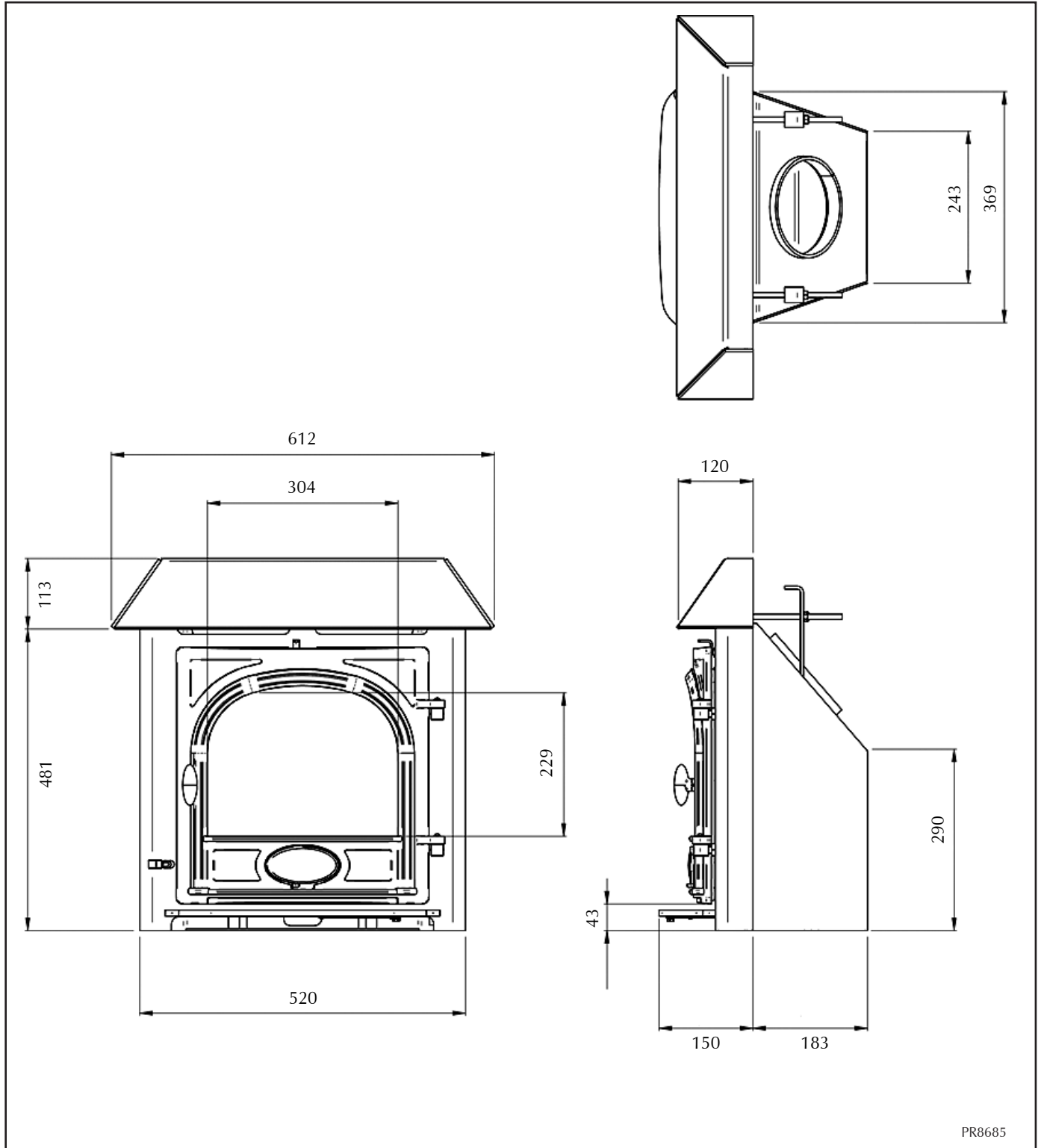
- Primary Air (under grate air for full Multi-fuel use).
- Airwash (for wood burning/clean glass).
- Adjustable secondary air (to ensure complete burning of flue gases).
- Riddling grate system for clean de-ashing.
- Ashpan.
- Removable door handle.
- A smoke control kit is required if this appliance is to be used in a smoke control area.

### PACKING LIST

- User instructions
- Installer instructions
- Guarantee card
- Accessory catalogue
- Pair leather gloves
- Door tool
- Riddling tool
- Fixing kit
- Rope sealing kit

# SITE REQUIREMENTS

## STOCKTON INSET DIMENSIONS



# SITE REQUIREMENTS

## 1. FLUE OR CHIMNEY

- 1.1 The flue or chimney system must be in good condition. It must be inspected by a competent person and passed for use with the appliance before installation.

**Products of combustion entering the room can cause serious health risks.**

- 1.2 The following must be checked:

- The construction of the masonry chimneys, flue block chimneys and connecting flue pipe system must meet the requirements of the Building Regulations†.
- The minimum height of the flue or chimney must be 4.5m from the hearth to the top of the flue, with no horizontal sections and a maximum of 4 bends. Bends must have angles of less than 45 degrees from the vertical.
- Make provision to remove the appliance without the need to dismantle the chimney.
- Any existing flue must be confirmed as suitable for the new intended use as defined in the Building Regulations†.
- The flue or chimney systems must be inspected and swept to confirm the system is structurally sound and free from obstructions\*\*.
- If the chimney is believed to have previously served an open fire it must be swept a second time within a month of regular use after installation to clear any soot falls that may have occurred due to difference in combustion levels.
- The flue exit from the building must comply with local building control rules†.
- Do not connect or share the flue or chimney system with another heating appliance.

- 1.3 Do not connect to systems containing large voids or spaces over 230mm square.

- 1.4 Suitable access must be provided to enable the collection and removal of debris.

- 1.5 The flue must be swept and inspected when the appliance is installed.

- 1.6 The flue draught must be checked with all windows and doors closed and any extraction fans in this, or adjoining rooms, running at maximum speed (see next section for additional ventilation requirements).

**Max. Draught = 2.0mm Wg**  
**Min. Draught = 1.0mm Wg**

### In the U.K:

\*The design of the flue and chimney systems and products used should meet the requirements of ADJ along with any other relevant, National or European standards that may apply. Products should be specified with regard to the type of appliance, position within the building, fuels to be used and appliance operating temperatures.

\*\*This should be done by a HETAS Approved Chimney Sweep (UK only) see page 26 / INFO registered (Republic of Ireland only) who will issue you with a certificate.

† Building Regulations Document J

### Flue Plate:

Where a hearth, fireplace, flue or chimney is provided or extended (including cases where a flue is provided as part of refurbishment work), information essential to the correct appliance and use of these should be permanently posted in the building, to meet Requirement J4 of the Building Regulations (England and Wales), F3.12 (Scotland).

### Additional:

A new factory made system that complies to the latest edition of EN 1856; Part 1 can be used providing installation is to the requirements of:

- i) the latest edition of BS EN 15287 Parts 1 -4
- ii) the manufacturer's instructions
- iii) Building Regulations.

For a guide containing information on Chimneys and Flues contact:

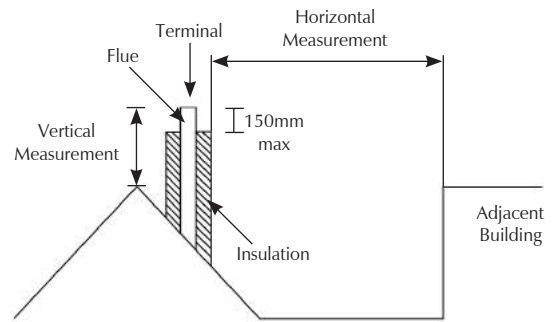
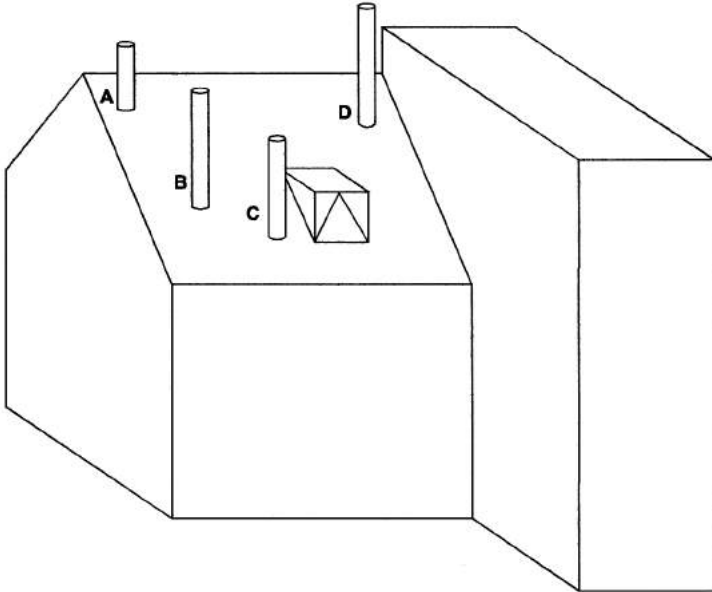
The British Flue & Chimney Manufacturers' Association,  
FETA  
2 Waltham Court  
Milley Lane  
Hare Hatch  
Reading  
Berkshire RG10 9TH

Tel: 0118 9403416

e-mail: info@feta.co.uk

# SITE REQUIREMENTS

## 2. FLUE OUTLET POSITIONS

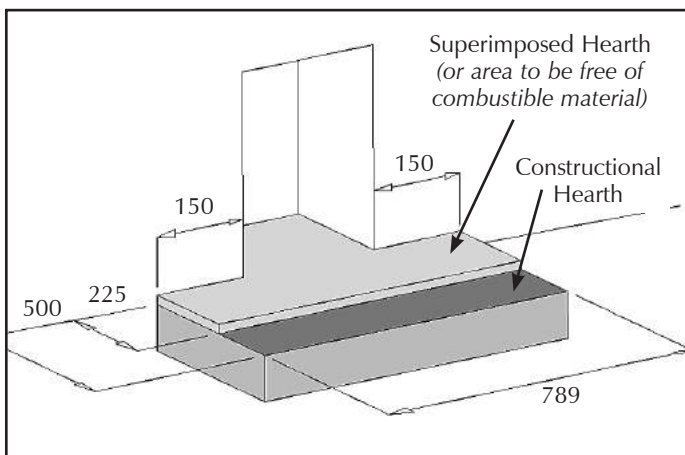


The vertical measurement is the lowest from either the point of discharge or 150mm above insulation.

**IMPORTANT:** Seek specialist advice if installing in a dwelling with a thatched roof

	Position On Roof	Minimum Clearances
<b>A</b>	On ridge or within 600mm	600mm above ridge
<b>B</b>	Elsewhere on roof	2300mm horizontally from roof surface and: a) 1000mm above highest point of flue exit from roof or b) as high as the ridge
<b>C</b>	On pitched, within 2300mm horizontally to openable window, dormer	1000mm above top of opening
<b>D</b>	Within 2300mm of another building	600mm above top of building

## 3. MINIMUM DIMENSIONS - HEARTH



3.1 The appliance must stand on a non-combustible constructional hearth which is at least 125mm thick with the minimum dimensions as shown in diagram.

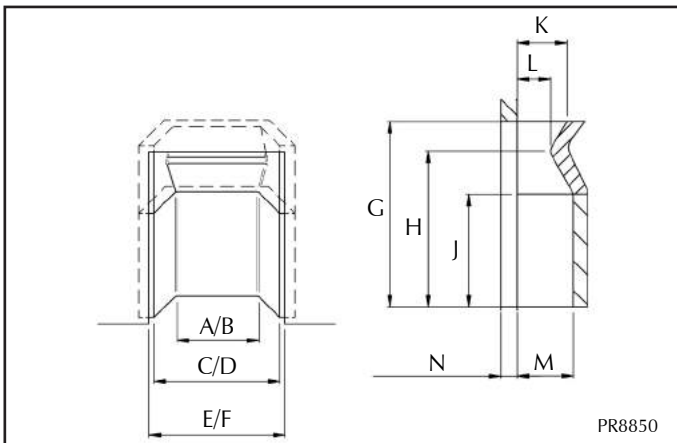
- 3.2 If this appliance can be installed in an elevated setting it is recommended to increase the 225mm hearth depth to safely contain any falling logs or embers. The higher the appliance is installed the deeper the hearth should be to avoid scorched floor coverings.
- 3.3 The building must have a suitable load-bearing capacity for the hearth and appliance. **Consult a structural engineer for advice before proceeding.**
- 3.4 When fitting into an existing hearth check that the hearth complies with current construction regulations and is at least the minimum sizes shown.
- 3.5 If there is no existing fireplace or chimney it is possible to construct a suitable non-combustible housing and hearth setting. The flue must be installed in accordance with all local and national regulations and current rules in force.

Check if adding a new chimney to your property requires planning permission.

# SITE REQUIREMENTS

## 4. MILNER BRICK OPENING

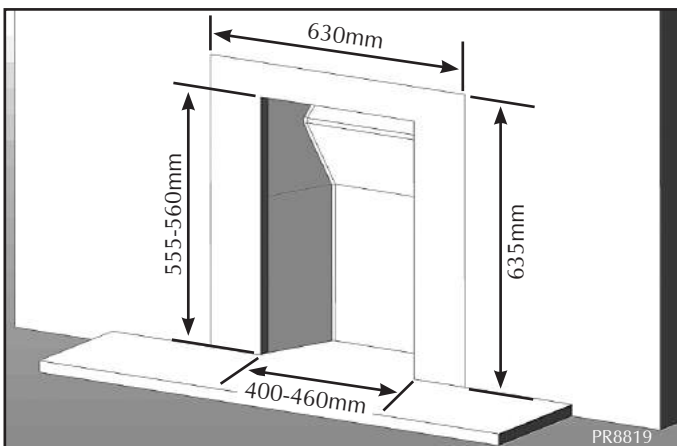
The Stockton Milner is designed to fit a standard chimney fitted with a Milner / Chair brick that has been fitted in accordance with the latest edition of BS 1251 & BS 8303. This appliance **CANNOT** be installed without the Milner / Chair brick fitted as described above.



PR8850

	16" Opening	18" Opening		Either Opening
A	250mm		G	560mm
B		300mm	H	470mm
C	380mm		J	340mm
D		430mm	K	150mm
E	410mm		L	100mm
F		460mm	M	170mm
			N	15mm min - 50mm max

Check that the Milner brick and throat lintel are in good usable condition and are both sealed to the fireplace surround.

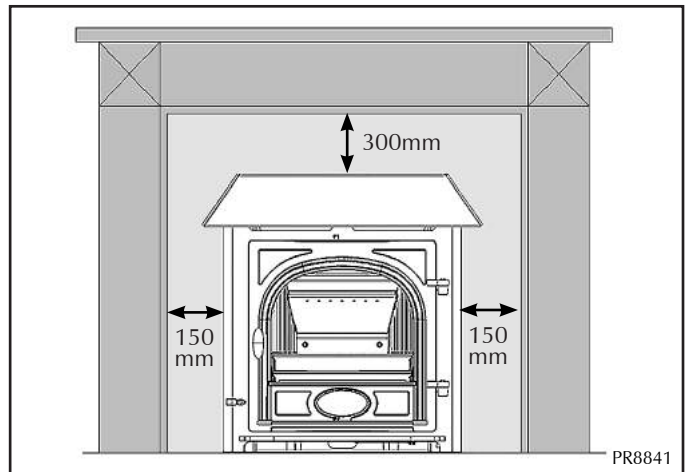


PR8819

The area surrounding the opening in the chimney breast must be flat and the stove must be sealed against it (see *Installation Instructions, Section 1*).

## 5. FIRE SURROUND CLEARANCES

If the appliance is to be fitted with a fire surround, use the **minimum** clearances shown in the diagram below between any point of the appliance and any combustible material. Stovax produce a selection of surrounds and details can be obtained from your local supplier.



PR8841

- 5.1 We recommend you obtain expert advice before proceeding with work of this nature.
  - 5.2 Some finishes may discolour with heat and some lower quality products may distort, or crack, when in use. **If stone / granite / marble or any other natural material is used to construct the fire surround, or any part of it, provision should be made for expansion and movement of the parts due to heating and cooling.**
- If you are in any doubt about the installation requirements, or suitability of fire surrounds contact your Stovax retailer.**
- 5.3 All fire surrounds should be suitable for use with solid fuel heating products.



# PRE-INSTALLATION CHECKS

## 1. FLUE

<b>Model</b> Stockton Milner Brick - STMB			
Flue/Chimney size	With or without flue liner system Round (diameter)	mm	150min / 230max
		inch	6min / 9max
	Without flue liner system Square	mm	230 x 230
		inch	9 x 9
Flue/Chimney (minimum height)	All products	m	4.5
		feet	13
Do not connect to systems containing large voids or flues over 230mm (9") square			

## 2. VENTILATION

- 2.1 This appliance requires a constant supply of air to maintain proper combustion and effective flue performance.
- 2.2 An inadequate air supply can result in poor combustion and smoke entering the room which is potentially dangerous.
- 2.3 This supply of air can come from either:  
 —The natural leakage of air into the room in which the product is fitted.  
 —Purpose provided ventilation.  
 —Some Stovax appliances can also be fitted with an optional outdoor air kit which allows air to be drawn in from the outside.
- 2.4 The amount of air required must comply with local building regulations and the rules in force.
- 2.5 If spillage is detected during commissioning then there may be insufficient natural ventilation and an additional air supply will be necessary.
- 2.6 Many older buildings are sufficiently ventilated by natural leakage of air to provide suitable air supply for an appliance of 5kW output or less.  
  
 Modern building techniques have reduced the amount of air that leaks in or out of a house. A modern construction with an air tightness of less than 5m<sup>3</sup> per hour per m<sup>2</sup> requires an air vent for **ALL** solid fuel appliances including those with a rated heat output of less than 5kW.  
 NOTE: The air leakage of a modern house is tested at the completion of construction and a certificate issued confirming this.
- 2.7 Ventilation requirements in the UK are as shown in the table below:

### A) Traditionally Built Homes

- Where the leakage is greater than 5m<sup>3</sup>/hour/m<sup>2</sup>.
- Ventilation normally required = 550mm<sup>2</sup> per kW output over 5kW

Output (kw)		4	5	6	7	8	9	10	
<b>A</b>	Additional ventilation	mm <sup>2</sup>	None	None	550	1100	1650	2200	2750
		cm <sup>2</sup>	None	None	5.50	11.0	16.5	22.0	27.5
		in <sup>2</sup>	None	None	0.89	1.77	2.66	3.55	4.40

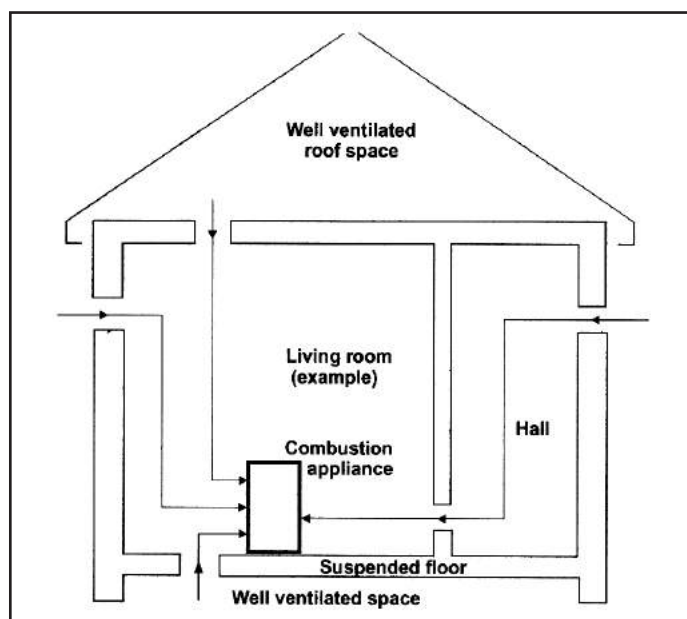
### B) Modern Construction Homes

- Where the leakage is less than 5m<sup>3</sup>/hour/m<sup>2</sup>.
- Ventilation normally required = 550mm<sup>2</sup> per kW

Output (kw)		4	5	6	7	8	9	10	
<b>B</b>	Additional ventilation	mm <sup>2</sup>	2200	2750	3300	3850	4400	4950	5500
		cm <sup>2</sup>	22.0	27.5	33.0	38.5	44.0	49.5	55.0
		in <sup>2</sup>	3.55	4.40	5.32	6.21	7.10	7.99	8.87

- 2.8 Permanent air vents should be non-adjustable and positioned where they are unlikely to be become blocked.
- 2.9 If vents open into adjoining rooms or spaces there must be an air vent of at least the same size direct to the outside.
- 2.10 Site the vents where cold draught is unlikely to cause discomfort. This can be avoided by placing vents near ceilings or close to the appliance, see diagram.

# PRE-INSTALLATION CHECKS



- 2.11 Extractor fans or cooker hoods must not be placed in the same room or space as this can cause the appliance to emit fumes into the room.
- 2.12 Increase air supply provisions where a room contains multiple appliances.
- 2.13 **If any checks reveal problems do not proceed with the fitting of the appliance until they have been rectified.**

## 5. FITTING APPLIANCES ON A BOAT

- 5.1 If an appliance is to be fitted in a boat it must be done in accordance with the latest edition of BS 8511 (Code of Practice for the Installation of Solid Fuel Heating Appliances on Boats). The Code covers the design, installation and operation of solid fuel heating appliances that are suitable for fitting into inland waterway boats, and gives guidance on product selection, design considerations, installation requirements, inspection and testing, as well as maintenance and safe use tips.
- 5.2 Consideration should also be given to the requirements of the Boat Safety Scheme (BSS) to ensure the boat's insurance remains valid.
- 5.3 The appliance should only be installed by a competent person with experience of the latest edition of BS 8511 and the Boat Safety Scheme (BSS).
- 5.4 Secure the product to a suitably constructed non-combustible hearth.
- 5.5 All open flued appliances can be affected by temporary atmospheric conditions which may allow fumes to enter the boat. An electronic carbon monoxide detector conforming to the latest edition of BSEN50292 must be fitted and maintained.
- 5.6 Failure to safely install the appliance could endanger the boat and persons on board.

# INSTALLATION INSTRUCTIONS

## LEGAL REQUIREMENTS

Before installation and/or use of this appliance please read these instructions carefully to ensure that all requirements are fully understood.

The appliance must be fitted by a registered installer\*, or approved by your local building control officer.

It is very important to understand the requirements of the national Building Regulations† and standards‡, along with any local regulations and working practices that may apply. Should any conflict occur between these instructions and these regulations then the regulations must apply.

Your local Building Control Office can advise regarding the requirements of the regulations.

The appliance must be fitted by a registered installer\* or approved by your local building control officer.

Works must be carried out with care to meet the requirements of Health and Safety† and comply with the Health and Safety rules\*\*, and any new regulations introduced during the lifetime of these instructions. Particular attention should be drawn to:

- **Handling:** The appliance is heavy. Adequate facilities must be available for loading, unloading and on site handling.
- **Fire Cement:** Some fire cement is caustic and must not come into contact with the skin. Protective gloves must be worn. Wash hands thoroughly with plenty of water after contact with skin.
- **Asbestos:** This appliance contains no asbestos. If there is the possibility of disturbing any asbestos in the course of installation seek specialist guidance and use appropriate equipment.
- **Metal Parts:** Take care when installing or servicing the stove to avoid personal injury.

A faulty installation can cause danger to the inhabitants and structure of the building.

### For users of this appliance:

Your building insurance company may require you to inform them that a new heating appliance has been installed on your property. Check that your cover is still valid after installing the appliance.

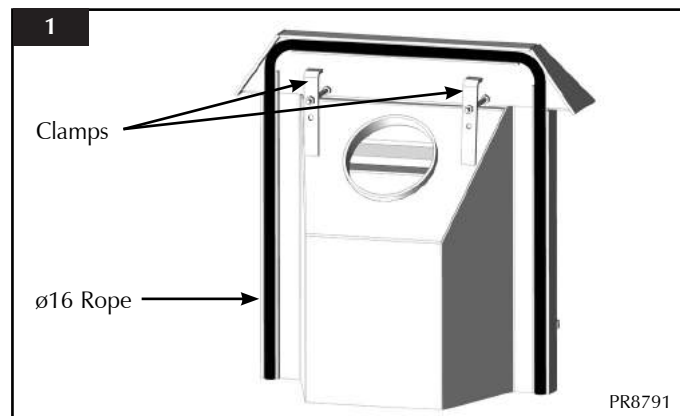
## 1. INSTALLING THE APPLIANCE

The installation must comply with Building Regulations and be made using "best practice" construction methods.

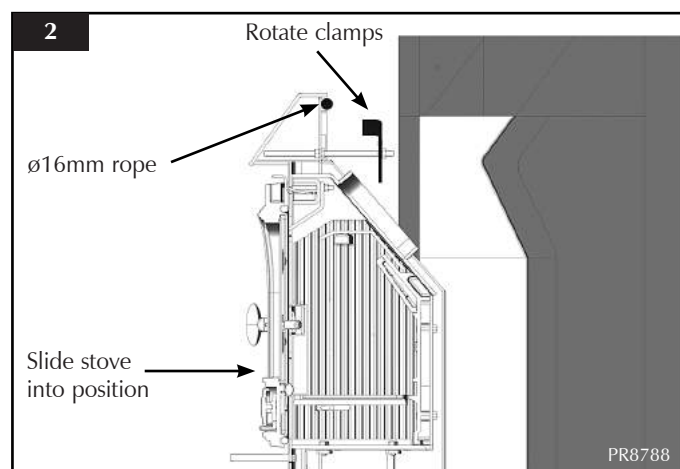
Take care when installing the appliance. Careless handling and use of tools can damage the finish and/or area.

1.1 Remove internal components and door to make installation access easier and prevent damage (see following removal instructions).

- 1.2 Check the operation of the air slider under the lip plate. Ensure it operates smoothly (see *Secondary Air Controls*, page 5).
- 1.3 Affix  $\varnothing 16$  rope (supplied) to the rear of the stove, as shown in Diagram 1, using thermic seal. The stove must be sealed against the face of the chimney breast.



- 1.4 Protect the hearth and position the stove. Rotate the clamps to clear the opening and slide stove into position (see Diagram 2).



- 1.5 Reposition clamps by hand through the flue opening and tighten using a 13A/F spanner. Check the clamps are against the throat forming lintel as shown in Diagram 3.

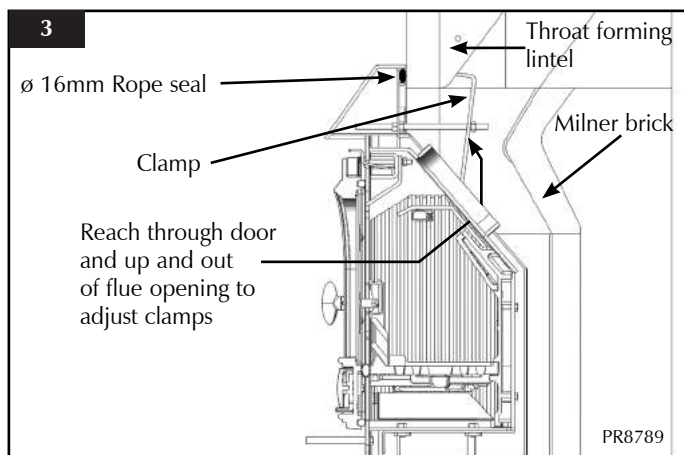
† England and Wales – Document J / Scotland - Part F / Document J (Republic of Ireland only)

‡ Latest editions of BS 8303, BS EN 15287, BS 7566

\*Registered on the Competent Persons Scheme (GB only) see page 26 / INFO (Republic of Ireland).

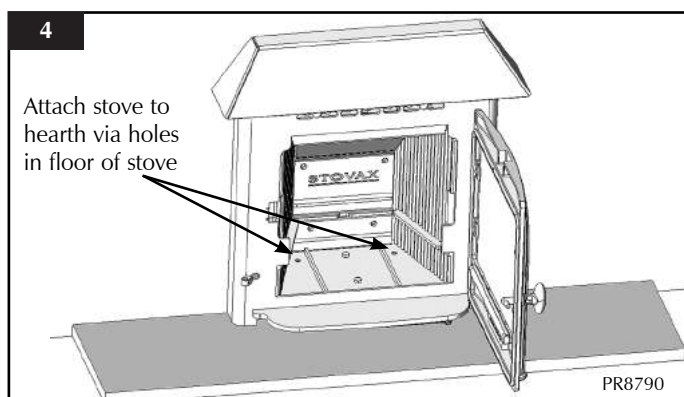
\*\*Health and Safety at Work Act 1974

# INSTALLATION INSTRUCTIONS



1.6 Check the ø16mm rope seal is still in the correct position. The appliance must be sealed against the face of the chimney breast / fire surround and at the hearth to the base of the appliance. This seal must be made air-tight with the use of heat resistant sealant such as fire cement or very high temperature flexible sealer.

1.7 Drill 2 appropriately placed ø10mm holes in the Milner hearth. Secure the stove to the hearth via the holes shown in Diagram 4 using **metal** wall plugs and bolts.



1.8 Refit all internal components.

## 2. REMOVAL OF THE DOOR

2.1 To remove the door:  
—Open and lift free of the hinge blocks on the side of the door.  
—Lie the door face down on a soft flat surface to protect the paint work and glass.

## 3. REMOVAL OF THE LOG GUARD

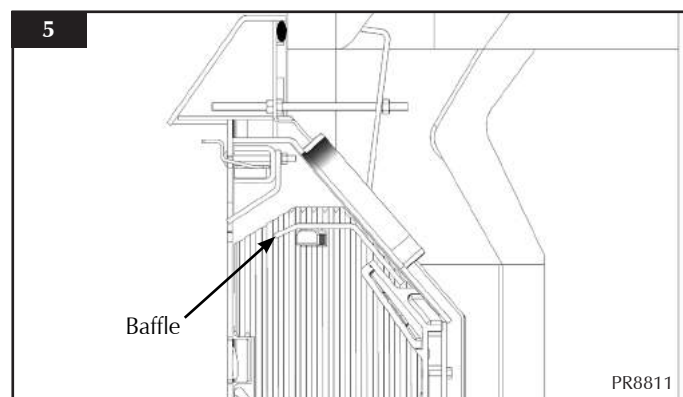
3.1 To remove the log guard:  
—Lift log guard clear of the supporting brackets.  
—Rotate to clear the sides of the door opening.

**Do not use appliance without the log guard in position.**

## 4. REMOVAL OF THE BAFFLE

4.1 The appliance is fitted with a baffle in the top of the firebox to maintain efficient combustion.

4.2 Allow the appliance to cool fully before removing baffle system.



4.3 Remove the log guard from the appliance to give access to the firebox.

4.4 To remove the baffle:

—Open door.

—Lift the front edge to clear the support bars.

—Pull the baffle forward to disengage the rear edge from the location above the secondary air inlet holes.

—Rotate the baffle and remove through the door opening.

—Replace in reverse order.

4.5 It is important to remove the clean baffle system to ensure the flue ways are clear of soot and debris and to ensure the safe and efficient operation of the stove. The frequency of cleaning will depend on the stove operating conditions.

4.6 The baffle system is designed to give safe and efficient operation of the stove. Replace damaged baffle immediately.

4.7 **Do not modify the baffle system.**

## 5. REMOVAL OF THE GRATE

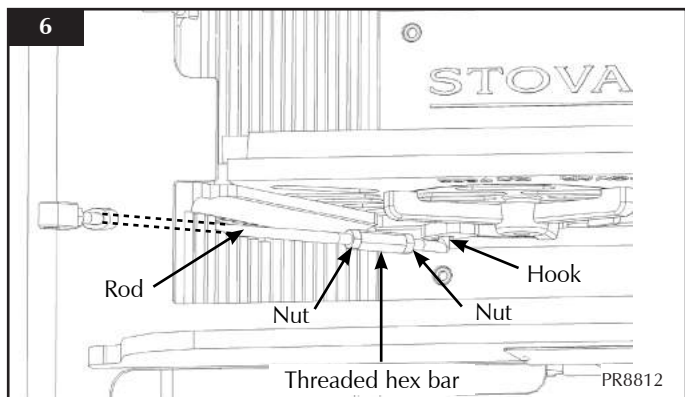
5.1 To remove the grate:

—Remove the ashpan from under the grate.

—Remove the log guard.

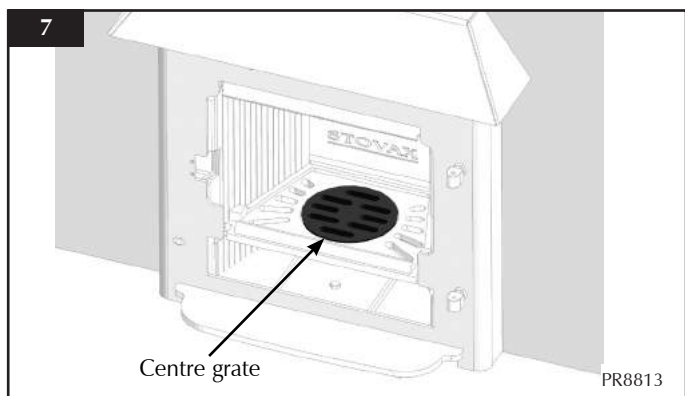
—Unscrew the nuts and threaded hex bar from the riddling rod and hook using a 10mm A/F spanner as shown in Diagram 6.

# INSTALLATION INSTRUCTIONS

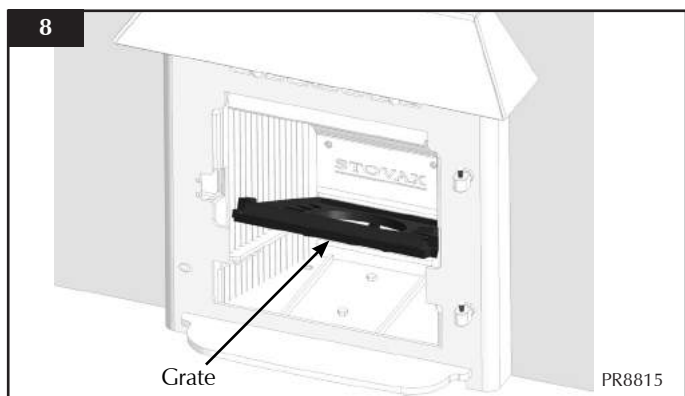


—Remove riddling rod from stove and hook from centre grate.

—Lift and rotate the centre grate (see Diagram 7).



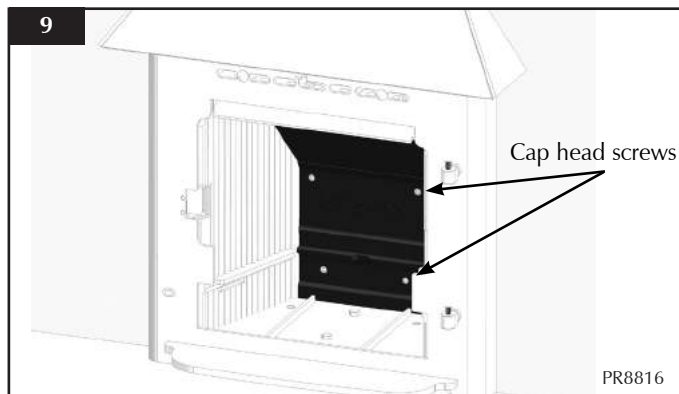
—Remove the main grate by lifting the front and rotating it through the front of the stove (see Diagram 8).



5.2 Replace in reverse order ensuring the riddling rod is passed into the stove (see Diagram 6) before reattaching to the hook via the nuts and hex bar.

5.3 The riddling rod may need adjusting using the threaded hex bar.

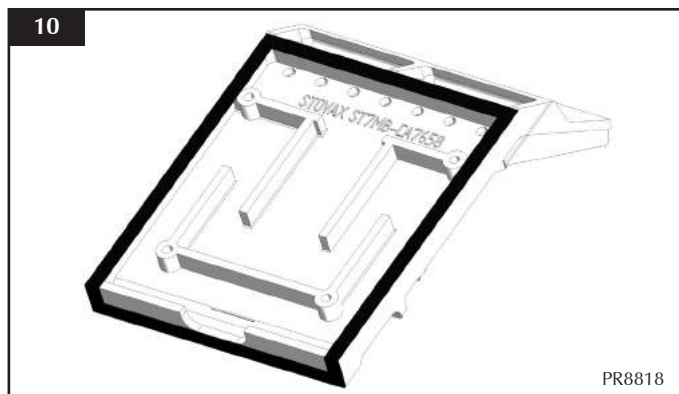
## 6. REMOVAL OF CLEANBURN CHAMBER



6.1 Remove the 4 M6 x 25 cap head screws using 5mm hexagonal key.

6.2 Lift chamber, rotate forward and remove from stove.

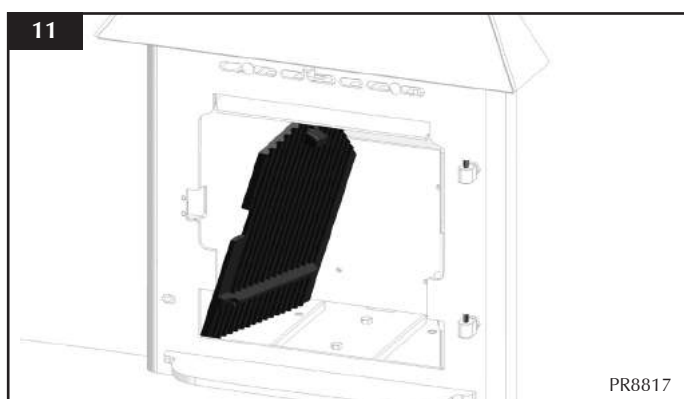
6.3 Check rope seal is in good condition (see Diagram 10). If necessary, replace using Stovax 10 x 2 insulation tape (Stovax Part No. 4953).



# INSTALLATION INSTRUCTIONS

## 7. REMOVAL OF CAST IRON FIREBRICKS

- 7.1 Allow the appliance to cool fully before removing firebricks.
- 7.2 Replace damaged firebricks as soon as possible.
- 7.3 To remove bricks:
  - Remove grate (see Section 5).
  - Remove clean burn chamber (see Section 6).
  - Remove brick by rotating as shown in Diagram 11 below.



## 8. CO ALARMS

All open flued appliances can be affected by temporary atmospheric conditions which may allow fumes to enter the house. **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 the latest edition of BS EN 50292 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.**

# COMMISSIONING

## COMMISSIONING

### 1.1 To commission:

- Replace the baffle and log guard.
- Check the door alignment and catch operation and adjust if required (see *Maintenance & Servicing, Section 8*).
- Check the soundness of door seals, castings and joints.
- Check seal of the stove to the wall.
- Check the operation of the air controls.

### 1.2 Now carry out a final smoke draw test:

- Warm the flue with a blowlamp, or similar, for about 10 minutes.
- Place a smoke pellet on the centre of the grate, with the air controls open.
- Close the door. Smoke should now be drawn up the flue and be seen to exit from the flue terminal.
- Complete test with all doors and windows closed in the room where the appliance is fitted.
- If there are any extractor fans in adjacent rooms the test must be repeated with the fans running on maximum and with interconnecting doors open.
- Check the effect of ceiling fans during the test.

**If the test fails, re-check the suitability of the flue system and ventilation. An inadequate air supply to the room is potentially dangerous.**

- Light the appliance and slowly increase the temperature.
- Ensure no combustion products enter the room.
- Open the main fire door when the appliance reaches operating temperature and carry out a spillage test with a smoke match or pellet around the door opening.

### 1.3 If excessive spillage occurs allow the appliance to cool and re-check the flue system and ventilation.

### 1.4 Finally:

- Explain to the user the safe operation of the appliance, use of the controls and the importance of only using suitable fuels.**

- Ensure that a CO alarm has been fitted and make the user aware of its operation and importance, referring them to the Warning section on page 5 of the User Instructions.

- Explain the cleaning and routine maintenance requirements.

- Explain the requirement to use a suitable fireguard when children, elderly or infirm persons are near the appliance.

- Record retailer/supplier and installer details in *Appliance Commissioning Checklist (page 3, Instructions for Use)*.

- Record serial number in *Appliance Commissioning Checklist (page 3, Instructions for Use)*.

This number is required when ordering spare parts and making warranty claims.

- Give this instruction manual to the customer.

# MAINTENANCE and SERVICING

For a complete list of spare parts and accessories contact your Stovax retailer or call 01392 474011

## 1. ANNUAL SERVICE

- 1.1 Before the start of the heating season strip, inspect and clean the appliance as detailed:
- Allow appliance to cool.
  - Remove all internal parts; baffle, log guard, grate system and ashpan (see *Installation Instructions*).
  - Sweep the flue at this point if necessary.
  - Vacuum clean any remaining ash and debris from the inside of the appliance. Stovax offer a filter/collection attachment for vacuum cleaners to protect them from fire ash: Ash Clean (Stovax Part No. 2091).
  - Clean the internal surfaces of the appliance using a wire brush and scraper as required. Vacuum and brush the resulting debris from the appliance.
  - Clean the grate parts with a wire brush, and check the parts for any damage. Replace any damaged parts using genuine Stovax replacements parts (see below for details).
  - Check and clean the firebricks with a wire brush. Some surface damage will occur during use. The life of the bricks will depend on the type of fuels burnt and the level of use. Replace damaged bricks as soon as possible.
  - Re-fit cleaned internal parts.
  - Remove glass from door, discard all old rope seals and fit new (see *Maintenance and Servicing, Section 6*).
  - Clean the door glass using Stovax Glass Cleaner and a soft cloth.
- Do not use abrasive cleaners to remove tar or soot deposits from the glass.**
- Fit new door rope seal (see *Maintenance and Servicing, Section 7*).
  - Lightly oil the door catch mechanism and hinge pins. Avoid getting oil onto the door seals and glass.
  - To refresh painted finishes use Stovax Thermolac paint.
- 1.2 Use genuine Stovax replacement parts to keep the appliance in safe, efficient working order. This is a list of the maintenance products that may need be required:

Task	Product name	Stovax Code Number
Glass cleaning	Stove glass cleaner (spray on)	4103
Preventing build-up of creosote in flue	Protector (15 sachets)	7002
	Protector (1kg tub)	7025
Sealing flue pipe joints	Fire Cement (500g tub)	2020
	Fire Cement (600g cartridge)	2021
Re-painting	Thermolac Black (400ml aerosol)	2019
	Thermolac Black (200ml brush-on)	2057
Cleaning matt black appliances	Colloidal black (85ml)	7000
Protecting your hands	Heat resistant leather gloves	4008
Door sealing rope	14mm black rope seal (handy pack)	5000
	14mm black rope seal (25m reel)	4670
Glass sealing tape	3mm black rope seal (handy pack)	4975
	3mm black rope seal (25m reel)	4974
Ø16mm Rope seal	16mm x 20m white	4096
Insulation tape	10mm x 2mm x 25m black self adhesive	4953
Thermic seal glue	(50ml bottle)	5037
Ash Clean	Vacuum cleaner attachment	2091

These products, available from your local Stovax retailer, along with regular maintenance and use of correct fuels, will keep the appliance in the best possible condition.

- 1.3 For more information about the Stovax Group products please visit our web site at [www.stovax.com](http://www.stovax.com)
- 1.4 Burn at a low temperature for the first day of use after any maintenance. This allows the seals, fixing glues and paint to fully cure.
- 1.5 During this time the appliance may give off some unpleasant odours. Keep the room well ventilated to avoid a build-up of fumes.
- 1.6 Your Stovax retailer can carry out service and maintenance.



# MAINTENANCE and SERVICING

## 2. REMOVAL OF THE LOG GUARD

- 2.1 To remove the log guard:
- Lift log guard clear of the supporting brackets.
  - Rotate to clear the sides of the door opening.

**Do not use appliance without the log guard in position.**

## 3. FITTING AND REMOVAL OF BAFFLE

- 3.1 See *Installation Instructions, Section 4*.
- 3.2 It is important to remove and clean the baffle system to ensure the flue ways are clear of soot and debris and to ensure the safe, efficient operation of the stove. The frequency of cleaning depends on the stove operating conditions.
- 3.3 The baffle system is designed to give safe and efficient operation of the stove. Replace any damaged baffle immediately.
- 3.4 Do not modify the baffle system.

## 4. FITTING AND REMOVAL OF THE GRATE

- 4.1 See *Installation Instructions, Section 5*.

## 5. FITTING AND REMOVAL OF CAST IRON FIREBRICKS

- 5.1 See *Installation Instructions, Section 7*.

## 6. FITTING A NEW DOOR GLASS

- 6.1 To maintain safe use of the appliance damaged door glass must be replaced immediately. To do this:
- Remove the door by opening, removing the hinge pins and lifting the door free of the hinge blocks.
  - Lay the door face down on a soft flat surface to protect the paintwork and glass.
  - Remove the glass fixing clips and screws. The old glass can then be lifted clear of the door.

**Note how the 3mm sealing rope is placed between the glass and the door.**

- Dispose of the old glass safely.**
- Clean and re-paint the rear of the door if required.

- Clean the screws with light oil and coat with high temperature anti-seize grease to aid future removal.

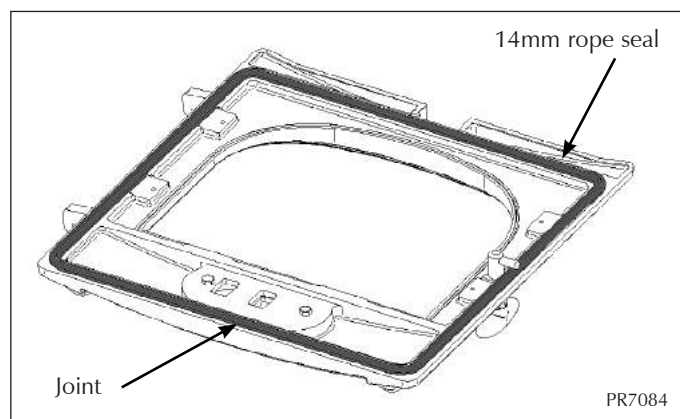
- Fit a new sealing rope and place the glass into position in the door.

- Place the glass fixing clips into position and re-fix with the clean fixing screws, tightening the screws evenly until glass is held securely (see Diagram 1).

**Do not over tighten the screws as this could break the glass.**

- 6.2 Fit only original Stovax ceramic glass, which is suitable to use in high temperature applications.
- 6.3 Using the appliance with damaged door glass could cause dangerous fumes to enter the room or the appliance to over-fire resulting in damage.

## 7. FITTING A NEW DOOR SEAL ALL MODELS



- 7.1 To maintain the safe use of the appliance damaged or worn door sealing rope must be replaced. To do this:
- Remove door from appliance by opening, removing the hinge pins and lifting the door free of the hinge blocks.
  - Lay the door face down on a soft, flat surface to protect the paintwork and glass.
  - Remove old rope and scrape old glue from locating groove.
  - Clean the locating groove with a clean, dry cloth to remove all old dust and debris.
  - Squeeze a generous bead of fresh Stovax Thermic Seal glue into the rope locating groove.
  - Press the new Stovax rope into the locating groove, placing the joint in the middle of the lower edge of the door.
  - Refit door and close to apply pressure to new rope.

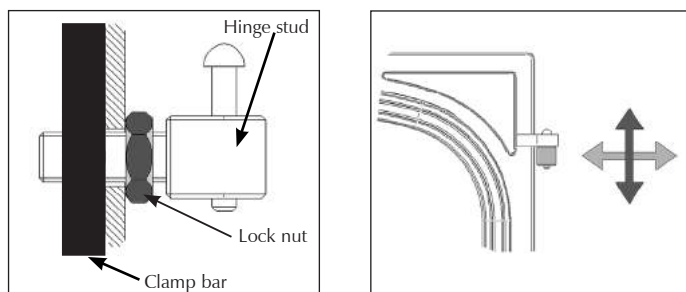
# MAINTENANCE and SERVICING

—Leave the door closed for at least 12 hours before lighting the appliance and run at a low temperature for approximately one day. This allows the adhesive to fully bond to the seal before use.

- 7.2 Using the appliance with a damaged door seal can cause dangerous fumes to enter the room, or the appliance to over fire resulting in damage.

## 8. ADJUSTING DOOR HINGES

- 8.1 To maintain the safe use of your appliance you may need to adjust the door hinges to ensure the safe, correct closing of the door. Complete this operation as follows.
- 8.2 Open the door to give access to the hinge block fixing nut.



- 8.3 Using a 20mm A/F spanner loosen the lock nut on the stove, as shown above, and reposition the hinge blocks to achieve a correct fit. This may need a trial and error approach to find the correct position.

**Do not unscrew both hinge studs fully** as this will release the clamp bar and the stove will need to be removed and the clamp bar repositioned.

### Organisations authorised to certify competence in the installation of domestic solid fuel appliances (Competent Persons Scheme):

APHC - Association of Plumbing and Heating Contractors (Certification) Ltd.  
[www.aphc.co.uk](http://www.aphc.co.uk)

BESCA - Building Engineering Services Competence Accreditation Ltd.  
[www.besca.org.uk](http://www.besca.org.uk)

HETAS - Heating Equipment Testing and Approval Scheme Ltd.  
[www.hetas.co.uk](http://www.hetas.co.uk)

NAPIT - National Association of Professional Inspectors and Testers Ltd.  
[www.napit.org.uk](http://www.napit.org.uk)

NICEIC - NICEIC Group Ltd.  
[www.niceic.org.uk](http://www.niceic.org.uk)

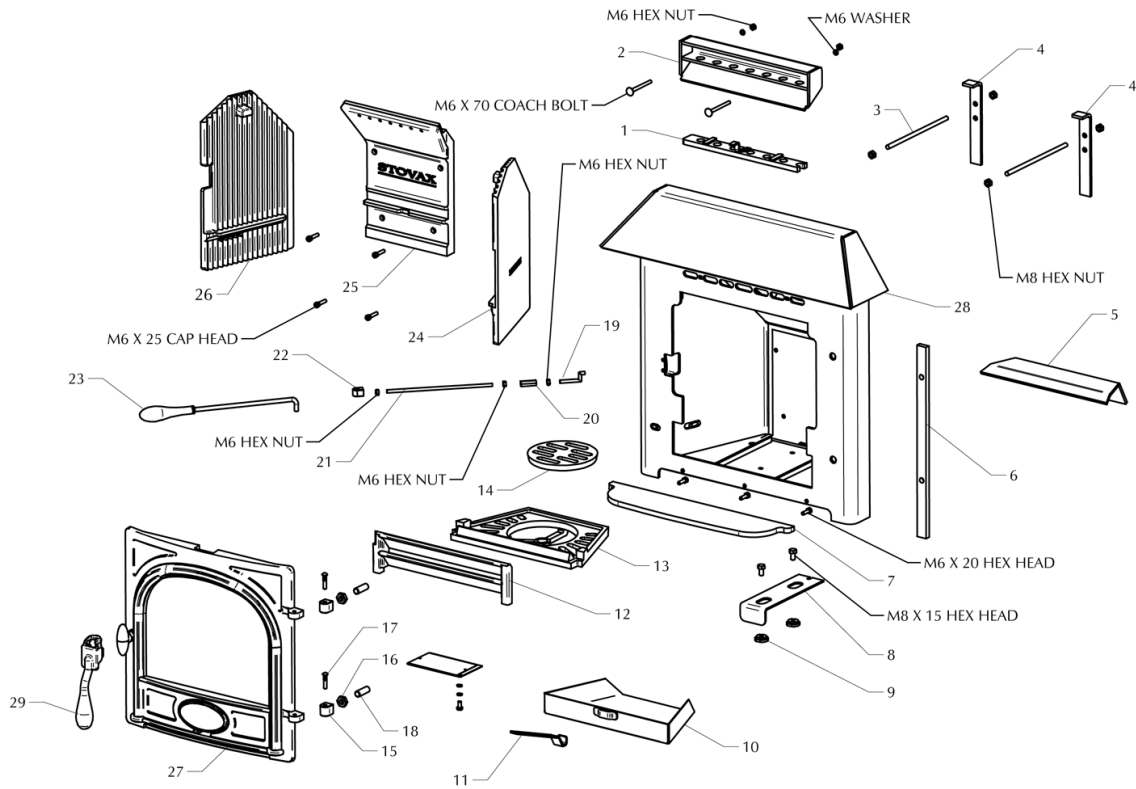
### HETAS Approved Chimney Sweeps:

NACS - The National Association of Chimney Sweeps  
[www.chimneyworks.co.uk](http://www.chimneyworks.co.uk)

APICS - The Association of Master Chimney Sweeps Ltd.  
[www.apics.org](http://www.apics.org)

The Guild of Master Chimney Sweeps  
[guildofmasterchimneysweeps.co.uk](http://guildofmasterchimneysweeps.co.uk)

# SPARE PARTS

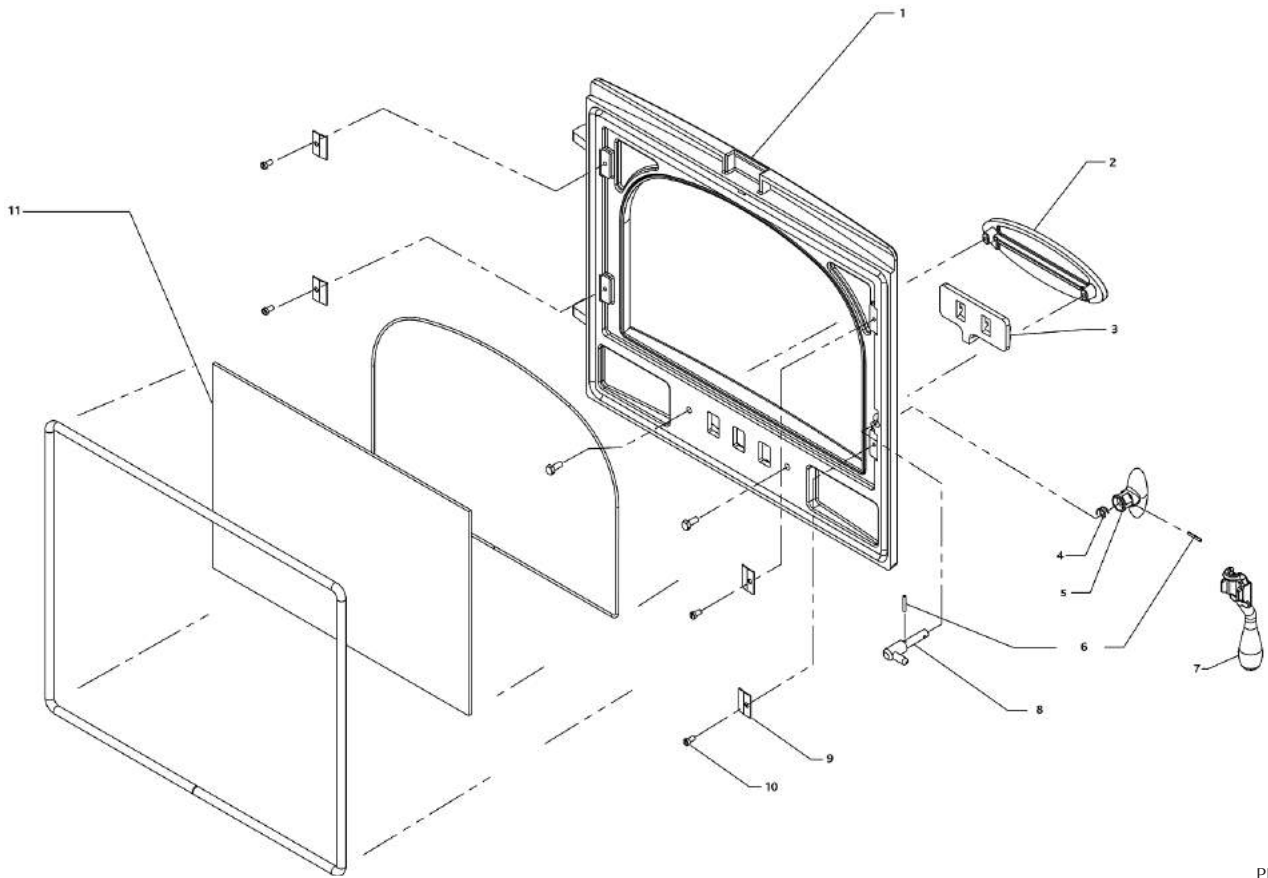


STMB

PR 8576

Ref. No.	Product Code	Drawing No. (if different)	Description
1	MEC8618		SECONDARY AIR CONTROL
2	MEC8609		AIRWASH DUCT ASSEMBLY
3	M08200STUD	-	M8 X 200 STUDDING
4	RA502311		CLAMP
5	RA502305		BAFFLE
6	ME600385		HINGE CLAMP
7	ME7461		FRONT LIP PLATE
8	RA502310		SECONDARY AIR CONTROL
9	ME600395		SPACER
10	MEC8617		ASHPAN ASSEMBLY
11	SM55	RA7025	ASHPAN TOOL
12	SS25HL	CA7056-1	LOG GUARD
13	CA7602		MAIN GRATE
14	CA7606		CENTRE GRATE
15	SM10	MEC7001	HINGE BLOCK
16	SM21	M12NUTSL	M12 X 6 HEX LOCK NUT
17	SM20	FA500018	HINGE PIN
18	SM18	FA7000	HINGE BLOCK STUD
19	ME600440		HOOK
20	ME600438		ADJUSTER
21	ME600439		ROD
22	SMN34	ME500714	GRATE OPERATING KNOB
23	SM63	MEC7402	RIDDLING TOOL
24	CA7605		RIGHT HAND SIDE PANEL
25	MEC8783		AIR CHAMBER ASSEMBLY
26	CA7604		LEFT HAND SIDE PANEL
27	MEC8512		BOILER DOOR ASSEMBLY
28	-	MEC8604	MAIN CARCASS ASSEMBLY
29	SM23	CA7017	DOOR TOOL

# SPARE PARTS



PR8971

Ref. No.	Product Code	Drawing No. (if different)	Description
1	S7.6B	CA7592	DOOR
2	S58B	CA7954	AIR CONTROL COVER
3	S59B	CA7593	AIR CONTROL
4	FA9017		SPRING
5	SM7.1A	CA7006-B	DOOR KNOB
6	YM-F00004	YF00004	SPIROL PIN Ø3 X 18 LG
7	SM23	CA7017	DOOR TOOL
8	SM17.1A	MEC7171	SHAFT ASSEMBLY
9	SM16	RA7019	GLASS CLIP
10	SM29	M0510PHS	M5 X 10 PAN HEAD SCREW
11	GL0235	CE7027	DOOR GLASS

# SERVICE RECORDS

## 1ST SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 2ND SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 3RD SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 4TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 5TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 6TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 7TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 8TH SERVICE

Date of Service:.....

Next Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 9TH SERVICE

Date of Service:.....

Next Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

## 10TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/HETAS Registration Number

# EC Declaration of Conformity



The undersigned, representing the following :

Manufacturer
<b>Stovax Ltd</b> Falcon Road, Sowton Industrial Estate Exeter EX2 7LF

Herewith declare that the products :

Description	Product code
Stockton Milner	STMB

Description of product : Stockton domestic wood and multifuel heating inset stove product range  
Steel fabricated stove body fitted with steel fabricated door sets, various decorative canopy options.  
are in conformity with the provisions of the following EC Directive(s) when installed in accordance with the installation instructions in the product documentation :

98/106/EEC Construction Products Directive

and the standards referenced below have been applied :

EN 13229 : 2001 Inset appliances including open fires fired by solid fuel – Requirements and test methods.

Provisions to which the product conforms :

Product : Inset Roomheater fired by solid fuel as covered under the scope of the standards listed.		
Intended use : Space heating in residential buildings.		
Characteristic	Performance	Report
Fire safety	Satisfies	
Emission of combustion products	Stockton Milner STMB CO @ 13% O <sub>2</sub> Wood 0.24% - Briquetted fuel 0.06%	
Release of dangerous substance	None	
Surface temperature	Satisfies	
Mechanical resistance (to carry a chimney/flue)	Maximum weight to be supported 25Kg	
Thermal output / Efficiency	Stockton Milner STMB Wood 4.6Kw @ 73.5% - Briquetted fuel 5.0Kw @ 76.4%	

Test laboratory : 608

Name : G. Taylor

Signature :

Position : Technical Director

Date : 11 / 06 / 2010

# STOVAX

Stovax Ltd, Falcon Road, Sowton Industrial Estate, Exeter, Devon, England EX2 7LF

Tel: (01392) 474011 Fax: (01392) 219932 E-mail: [info@stovax.com](mailto:info@stovax.com) [www.stovax.com](http://www.stovax.com)