STOVAX

Riva Studio Freestanding

MODELS: RVFS-1/RVFS-2

Instructions for Use, Installation and Servicing

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

CE

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.

PM452 Issue 3 (January 2011)

COVERING THE FOLLOWING MODELS:

RVFS-1/RVFS-2

This appliance has been approved by HETAS Ltd.

DESIGN PROTECTION

The Studio design, including it's frames and accessories, are protected by European Design Registration No. 001169338 0002 0008.

WARRANTY

Your Stovax retailer provides you with a Two Year Warranty for your new fire. However, this specifically excludes naturally wearing parts or 'consumables' such glass, firebricks and rope seal and the use of non-authorized fuel such as petro-cokes. Furthermore, for the warranty to be valid, your stove must have been installed in accordance with the manufacturer's instructions and the second year's warranty is dependent on the appliance being serviced 12 months after installation by a HETAS or other similarly qualified engineer.

You can help your retailer to provide their warranty by returning the reply card or registering online at www.stovax.com

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 ☐
Clearance to combustible materials checked	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*).

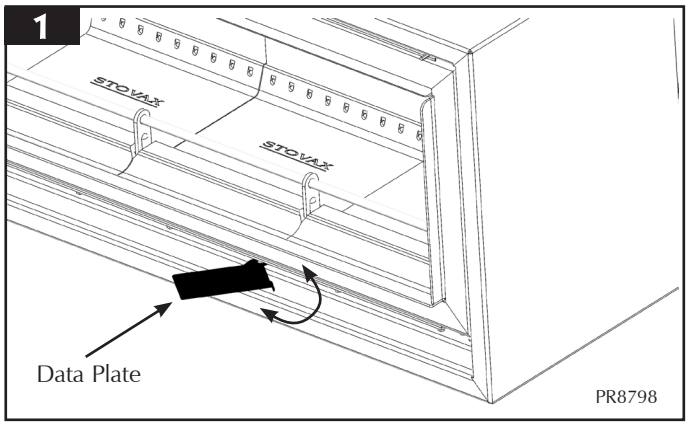
1.11 **Do not connect, or share, the same flue or chimney system with another appliance.**

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).

‡In the U.K. these products must conform to BS 6539, Fireguards for use with solid fuel appliances.
If appliance is operating unattended they must conform to BS 3248
*Registered on the Competent Persons Scheme (UK only) see page 22 / INFO (Republic of Ireland)

1



AIR CONTROLS

Triple Air Systems

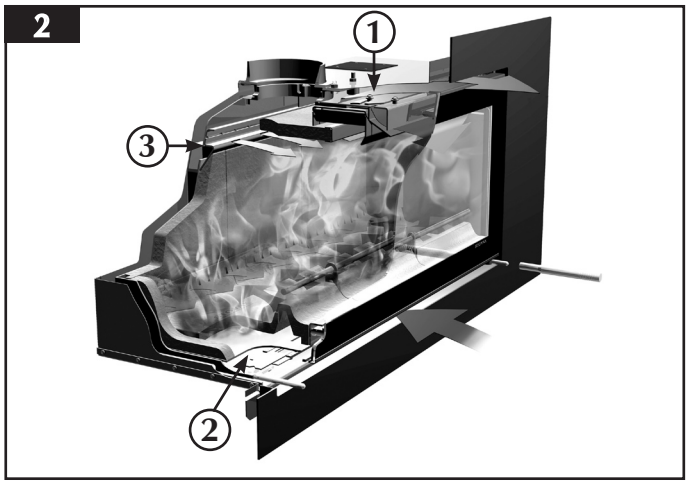
Several Stovax appliances have triple air systems providing cleaner burning, and greater efficiency and control (see Diagram 2).

1) Airwash - air drawn over the window cleans the glass. The source of Primary Combustion air when burning wood.

2) Primary Air - for use initially when establishing fires.

3) Cleanburn - secondary air is preheated through a heat exchanger to combust unburned hydrocarbons, providing a cleaner and more efficient burn.

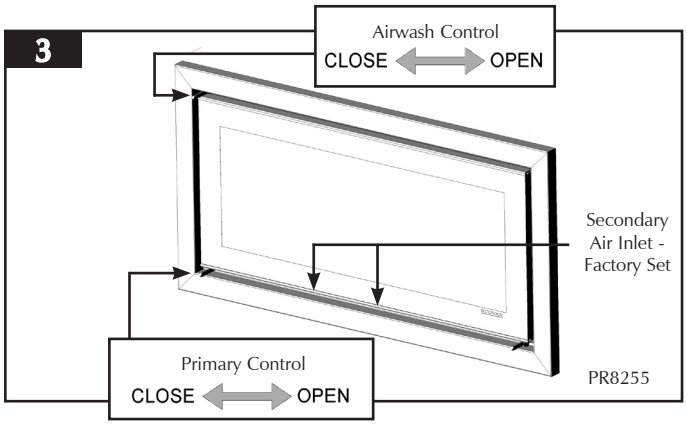
2



For Air Controls see diagram over page.

USER INSTRUCTIONS

AIRWASH AND PRIMARY AIR CONTROLS STUDIO 1,2



DOOR HANDLE

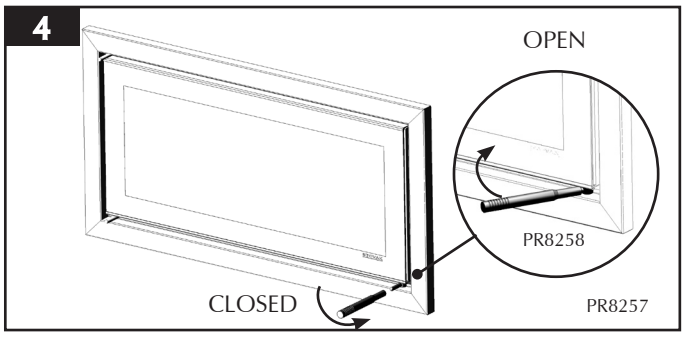
DO NOT OPEN THE DOOR WITH BARE HANDS

DO NOT OPEN THE DOORS WHEN THE FIREBOX IS FULL OF FLAMES - WAIT FOR THEM TO DIE DOWN.

1.13 **Use a protective gloved hand to operate.**

— Slide tool over knob to fit.

1.14 Move to the left to open.



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 it is recommended that an electronic carbon monoxide detector conforming to BSEN50291 be fitted and maintained.**

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.

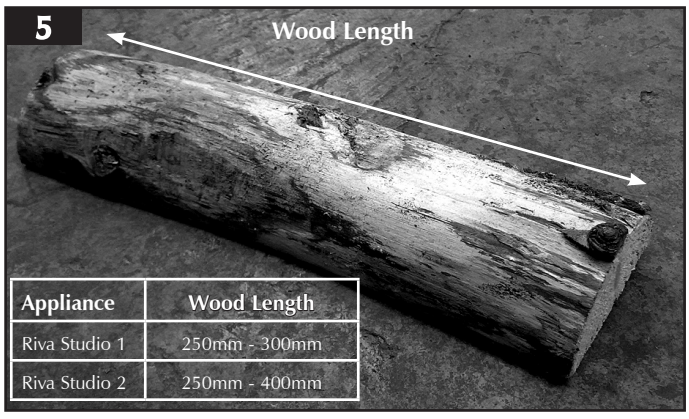
2.2 **Do not touch the paint during the first period of use**.

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.

USER INSTRUCTIONS

3.2 **Fuel consumption**

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

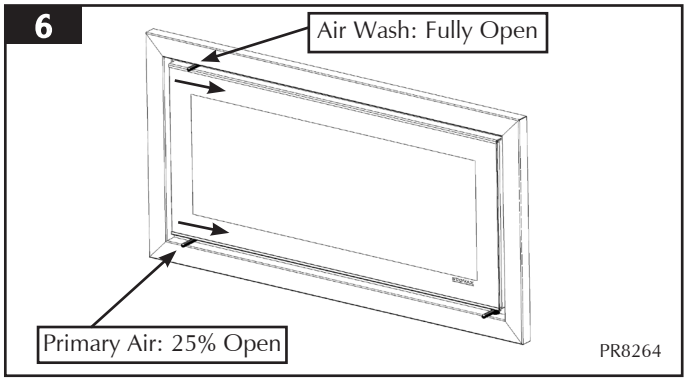
Description	Fuel Consumption Kg/hour Wood
Riva Studio 1	1.6
Riva Studio 2	2.4

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

4. LIGHTING THE APPLIANCE

4.1 For best results set air controls as shown in Diagram 6.

6



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

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

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

7

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

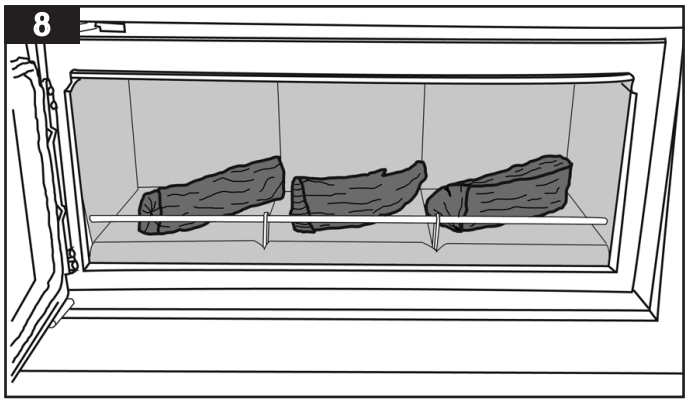
4.2 **Fuel Loading:**

These are wide appliances and the logs should be laid out in a single layer with gaps between as shown in Diagram 8.

Do not stack logs on top of each other as this could effect the efficiency of the appliance.
Do not overload the appliance as the heat output will be too high.

Suggested Loads:
3 - 4 logs no bigger than 5" (127mm) diameter.

8



—Close the door.

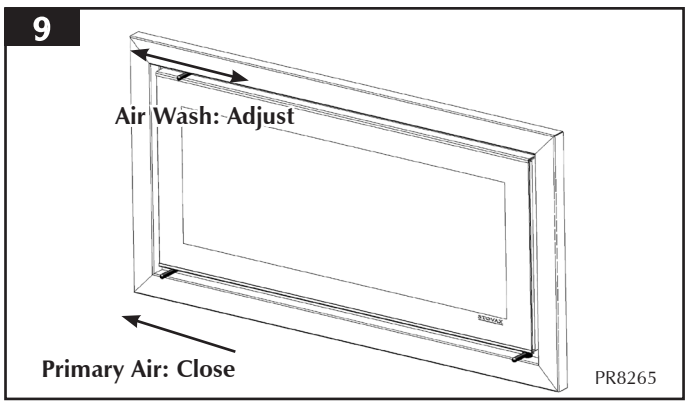
Do not leave the door open as this may cause over-firing which can damage the appliance.

5. RUNNING THE APPLIANCE

5.1 **Burning Wood**

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

9



USER INSTRUCTIONS

WARNING: DO NOT OPERATE THE APPLIANCE WITH THE PRIMARY AIR CONTROL OPEN FOR LONG PERIODS OF TIME AS THIS COULD CAUSE OVER-FIRING AND MAY CAUSE PERMANENT DAMAGE.

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.

— Toward the end of the burn cycle it is advantageous to open the Primary Air control for a few minutes. This will increase the temperature of the ashbed, help re-ignition of the new logs and keep the depth of ash to a minimum.

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 Do not burn large amounts of fuel with the **Airwash Control** closed 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.

5.4 When in use, burning the appliance at a high temperature for a short period reduces tars and creosotes.
WARNING: DO NOT OPERATE THE APPLIANCE WITH THE PRIMARY AIR CONTROL OPEN FOR LONG PERIODS OF TIME AS THIS COULD CAUSE OVER-FIRING AND MAY CAUSE PERMANENT DAMAGE.

5.5 Experience establishes settings to suit personal preference.

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 **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.

6.3 **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.

6.4 **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

USER INSTRUCTIONS

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.

7. ASH REMOVAL

Do not allow ash to build up as it may cause damage and adversely effect the performance of the appliance.

Warning: Ash can remain hot long after appliance has been in use.

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

7.2 Open door (see Diagram 4 on page 5). Carefully remove ash with a small shovel (available from Stovax) and place into a Stovax Ash Caddy (Stovax Part No. 4227). Take care not to damage the ceramic lining of the appliance. Do not use sharp pointed pokers.

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

8. EXTENDED BURNING (WOOD)

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.

9. OVER-FIRING

9.1 Do not over-fill with fuel or run at high temperatures for long periods or over-firing can occur.
DO NOT OPERATE THE APPLIANCE WITH THE PRIMARY AIR CONTROL OPEN FOR LONG PERIODS OF TIME AS THIS COULD CAUSE OVER-FIRING AND MAY CAUSE PERMANENT DAMAGE.

9.2 **Over-firing can cause permanent damage to the appliance and invalid the product warranty.**

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*, confirming 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.

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 internal components for damage - grates, bricks, baffles - and 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 baffles and clear the debris (see *Installation Instructions, Sections 4 & 5*).

To refresh painted finishes use Stovax Midnight black paint.

Do not use aerosol sprays near an operating appliance.

* Registered on the Competent Persons Scheme (UK only)/ INFO (Republic of Ireland only) see page 22 for details.

**This should be done by a HETAS Approved Chimney Sweep (UK only) see page 22 / INFO registered (Republic of Ireland only) who will issue you with a certificate.

USER INSTRUCTIONS

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 suitable cleaner.

12.2 **Do not use cleaning agents that have a high alkaline content, for example Stovax Gel Cleaner, on appliances with painted glass such as the Studio, View or CL. These are abrasive cleaning agents that are designed to be used with heavily stained clear glass. Use Stovax Glass Cleaner (Stovax No.4103) on more delicate surfaces**.

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

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, more frequent sweeping is recommended.

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

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.

**This should be done by a HETAS Approved Chimney Sweep (UK only) see page 22 / INFO registered (Republic of Ireland only) who will issue you with a certificate.

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 by clicking on *Accessories*. In addition, an annual service by a competent engineer is recommended to keep your stove in the best possible condition.

15. SEASONAL USE

15.1 Clean and service the appliance if not used during the warmer months, 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 baffles.

— 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**

This product contains a Heat resistant glass panel. This panel should be checked during Installation and at each servicing interval. If any damage is observed on the front face of the glass panel (scratches, scores, cracks or other surface defects), the glass panel must be replaced and the appliance must not be used until a replacement is installed. Under no circumstances should the appliance be used if any damage is observed, the glass panel is removed or broken, *See Glass Replacement - Servicing & Maintenance section*.

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

17. SMOKE CONTROL KIT

17.1 This appliance can be modified to burn wood in a smoke control zone. For more details on the Smoke Control Kit for this appliance contact your retailer.

NOTE: These appliances have been independently tested to PD6434 and approved by DEFRA as an exempted appliance, allowing it to burn wood in Smoke Control areas when fitted with a Smoke Control Kit.

TECHNICAL SPECIFICATION

RIVA STUDIO FREESTANDING

Model Riva Studio Freestanding - Model: RVFS-1 Riva Studio Freestanding - Model: RVFS-2			RIVA STUDIO 1	RIVA STUDIO 2
Nominal Heat Output	Wood	kW	5.0	8.0
Flue Draught at Nominal Heat Output	All Fuels	mm Wg	1.5	1.5
		inch Wg	0.05	0.05
Flue Gas Mass Flow	Wood	g/s	5.5	6.6
Flue Gas Temperature at Spigot/Socket	Wood	C	301	346
Flue Outlet Size Diameter		mm	153	153
		inch	6	6
Clearance to Combustible Materials	Back	mm	500	700
	Side	mm	300	300
Weight	Kg		100	120
Recommended Fuels	Wood	Seasoned wood (less than 20% moisture content)		
Do not burn petroleum based fuels such as petro-coke as these will seriously damage the appliance.				
As tested to the requirements of EN 13240 for intermittent operation.				

STANDARD FEATURES

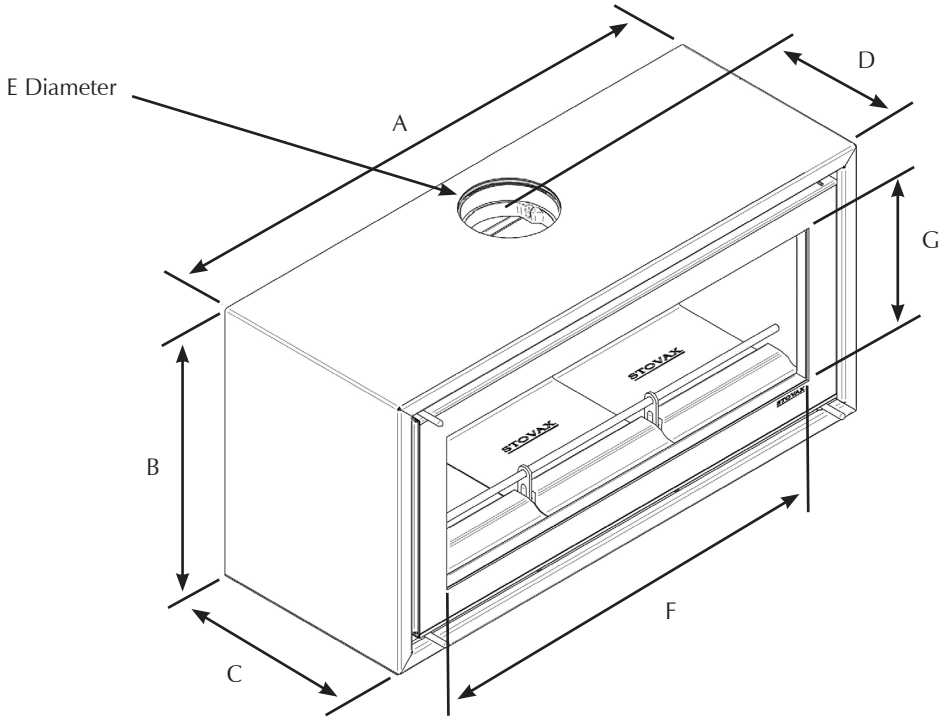
- Primary Air (under brick through front and rear holes)
- Airwash (for wood burning/clean glass)
- Factory set Secondary Air (to ensure complete burning of flue gases)
- Removable door handle
- TCL combustion lining
- Glass top plate and bench plinth options
- Decorative square flue cover option

PACKING LIST

- User and Installation instructions
- Guarantee card
- Pair leather gloves
- Door Tool
- Door Hex Tool Adjustment

SITE REQUIREMENTS

RIVA STUDIO FREESTANDING DIMENSIONS



Description	Model	A	B	C	D	E	F Glass Viewing Area	G Glass Viewing Area
Riva Studio Freestanding 1	RVFS-1	800	479	380	260	153	590	263
Riva Studio Freestanding 2	RVFS-2	1000	504	380	260	153	790	289

All dimensions in mm (25.4 mm = 1″)

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†.

— A flexible flue liner system can be used if certified for use with solid fuel systems and installation complies with manufacturer's instructions and Building Regulations†. The flue liner must be replaced when an appliance is replaced, unless proven to be recently installed and in good condition.

— If it is necessary to fit a register plate it must conform to 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.

— Ensure the connecting flue pipe is kept a suitable distance from any combustible material and does not form part of the supporting structure of the building.

— 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 22 / 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 EN 1856; Part 1 can be used providing installation is to the requirements of:

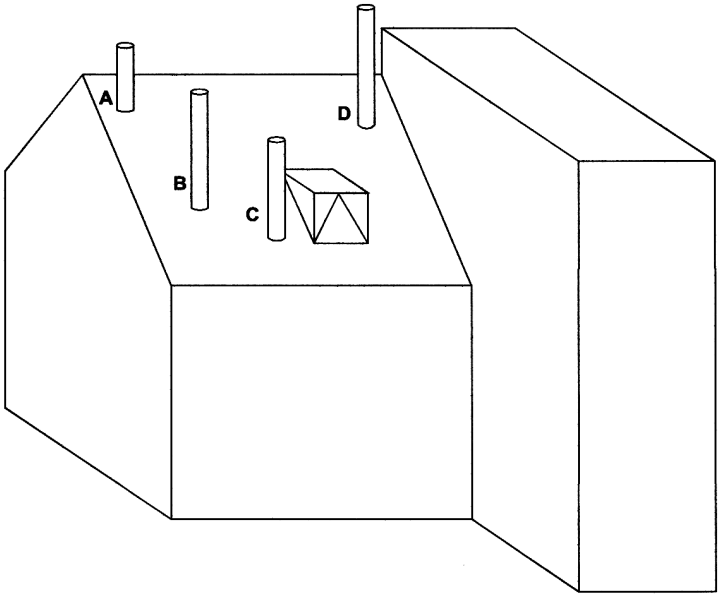
i) BS 7566 Parts 1 - 4
ii) the manufacturer's instructions
iii) Building Regulations.

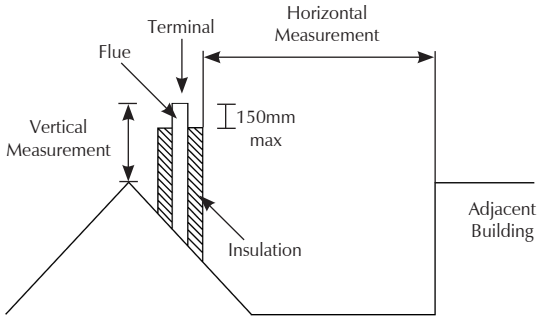
For a guide containing information on Chimneys and Flues contact:
The British Flue & Chimney Manufacturers' Association
FETA
2 Waltham Court
Milley Lane
Hare Hatch
Reading
Berkshire RG10 9TH

Tel: 0118 9403416 e-mail: info@feta.co.uk

SITE REQUIREMENTS

1. FLUE OUTLET POSITIONS



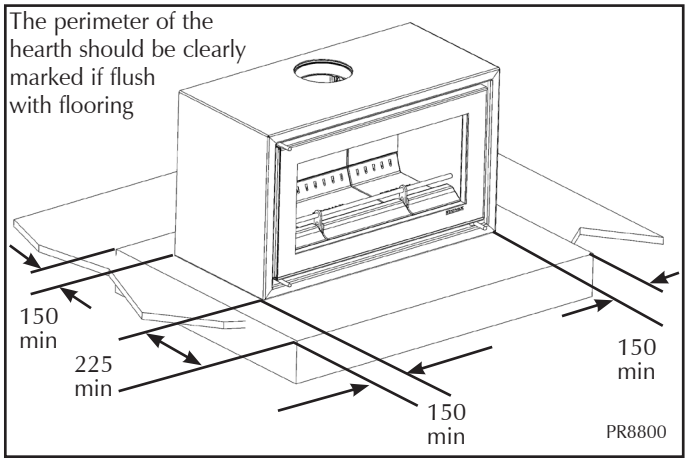


The vertical measurement is the lowest from either the point of discharge or 150mm above insulation.

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

	Position On Roof	Minimum Clearances
A	On ridge or within 600mm	600mm above ridge
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
C	On pitched, within 2300mm horizontally to openable window, dormer	1000mm above top of opening
D	Within 2300mm of another building	600mm above top of building

2. MINIMUM DIMENSIONS - HEARTH



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

2.2 If this appliance is 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.

2.3 If the appliance is installed on a Stovax bench, the bench may stand on a 12mm thick non-combustible hearth and it is recommended that the 225mm hearth depth should be increased to safely contain any falling logs or embers.

2.4 The building must have a suitable load-bearing capacity for the hearth and appliance. Consult a structural engineer for advice before proceeding.

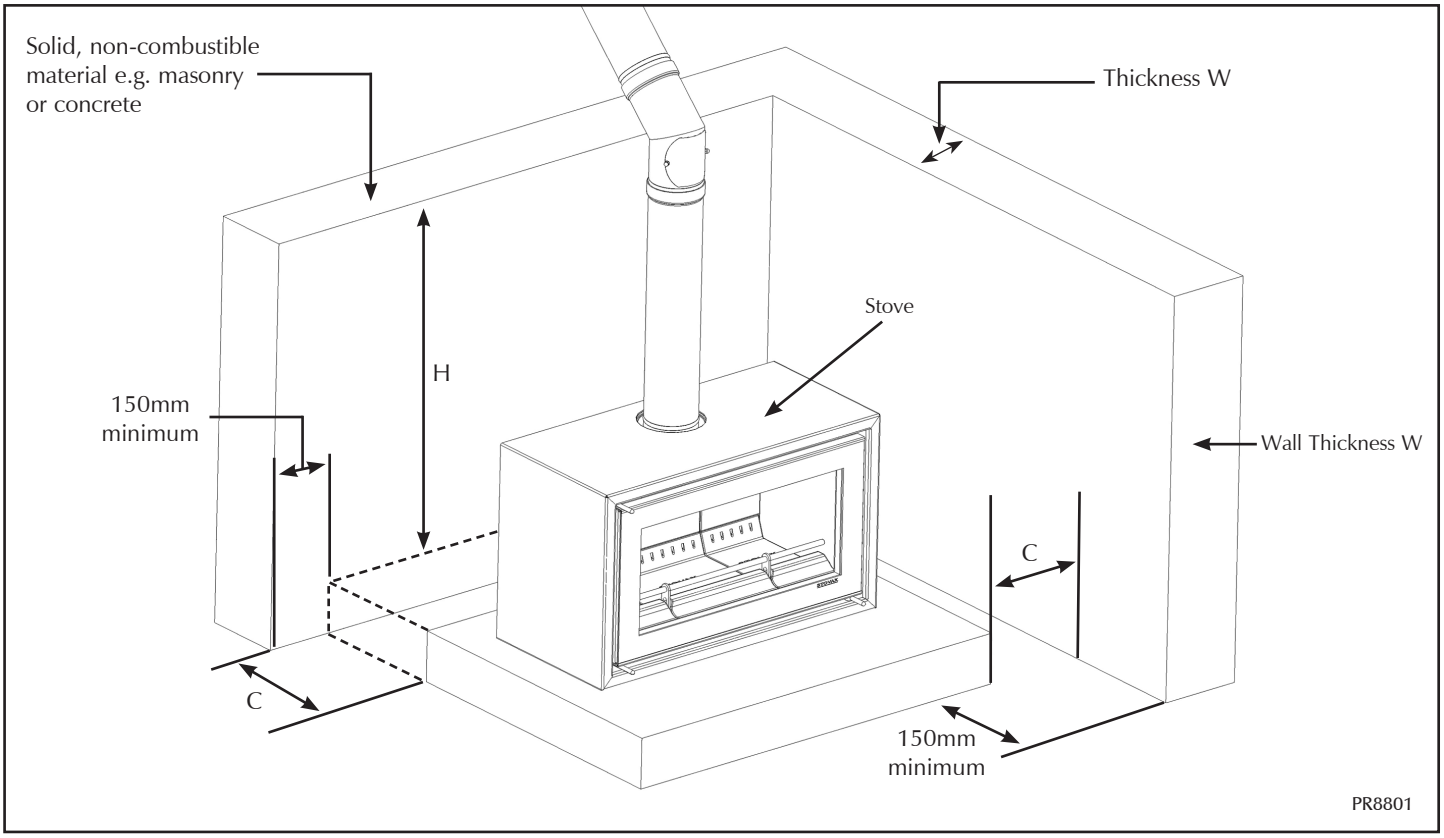
2.5 When fitting into an existing hearth check that the appliance complies with current construction regulations and is at least the minimum sizes shown.

2.6 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

3. WALLS NEXT TO A HEARTH



Position of Appliance & Hearth in relation to walls		Requirement for the walls	
Distance of hearth from wall C	**Distance of Appliance to wall**	**Min thickness of Wall W**	**Min height of wall H**
0mm	0mm - 50mm	200mm	Height of appliance + 300mm Or 1200mm from the hearth (take largest dimension)
0mm	51mm - 300mm	75mm	
0 - 150mm	150mm +	75mm	1200mm
150mm +	300mm +	No Minimum Requirement	

Suitable clearance should be allowed around the stove to enable the correct fitting and maintenance of the appliance.

Any clearances should be confirmed by making a site survey and a physical check of wall thickness and dimensions.

PRE-INSTALLATION CHECKS

1. FLUES

Model Riva Studio Freestanding 1 - Model: RVFS-1 Riva Studio Freestanding 2 - Model: RVFS-2			RIVA STUDIO 1	RIVA STUDIO 2
Flue / Chimney size	Water Liner or Factory made system (diameter) installed in accordance with manufacturers instructions	mm	150	150
		inch	6	6
Flue / Chimney (*minimum height)	All products	m	4.5	4.5
		feet	13	13
* When measured from the top of the appliance to the top of the flue, with no horizontal sections and a maximum of 4 bends with angles of less than 45°				

2. VENTILATION

2.1 Additional ventilation could be required to suit the requirements of Building Regulations. This must be provided using a permanently open air vent, of the size listed, which is positioned so that it is not liable to be blocked both inside and outside the building.

2.2 The appliance will require additional ventilation as listed*:

a) Building design permeability greater than 5.0m³ (h.m²). Additional ventilation not required.

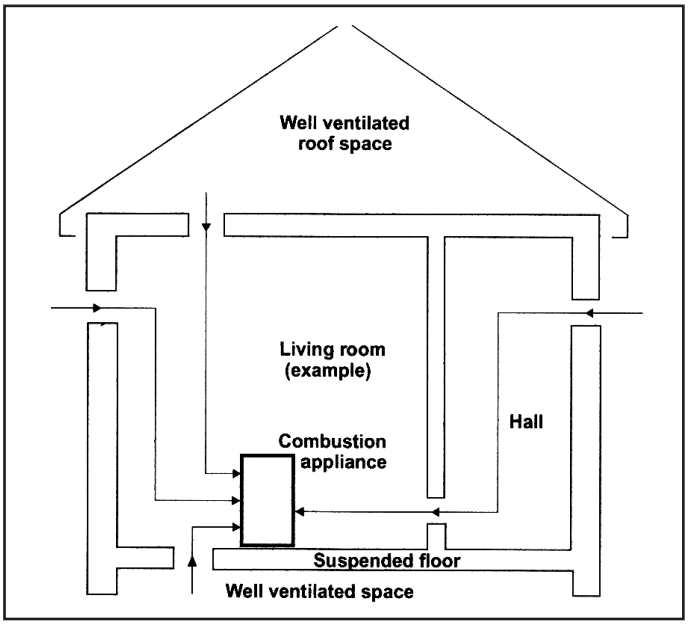
b) Building design permeability less than 5.0m³ (h.m²). **Additional ventilation is required.**

Model Riva Studio Freestanding 1 - Model: RVFS-1 Riva Studio Freestanding 2 - Model: RVFS-2		STUDIO 1	STUDIO 2
a) Additional Ventilation	mm²	n/a	1650
	cm²	n/a	16.50
	in²	n/a	2.60
b) Additional Ventilation	mm²	2750	4400
	cm²	27.50	44.00
	in²	4.40	7.10

2.3 Permanent air vents should be non-adjustable and positioned where they are unlikely to be become blocked.

2.4 If vents open into adjoining rooms or spaces there must be an air vent of at least the same size direct to the outside.

2.5 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 opposite).



2.6 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.

2.7 Increase air supply provisions where a room contains multiple appliances.

2.8 The need for additional ventilation may also be identified during the commissioning procedure and should be provided if needed.

An inadequate air supply to the room is potentially dangerous.

2.9 **If any checks reveal problems do not proceed with the fitting of the appliance until they have been rectified.**

* Changes to Document J, England & Wales, from 01/10/2010

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

Each installation is unique to the property so it is not possible to give details to suit every setting. The installation must comply with Building Regulations and be made using "best practice" construction methods.

Many fireplace openings have a supporting lintel. Do not remove without supporting the remaining structure of the building. **Do not support the structure with the appliance or the flue system.**

SEPARATE THE INNER AND OUTER BOX

To protect the delicate parts of the appliance the product has been designed so that the inner box can be removed from the outer box.

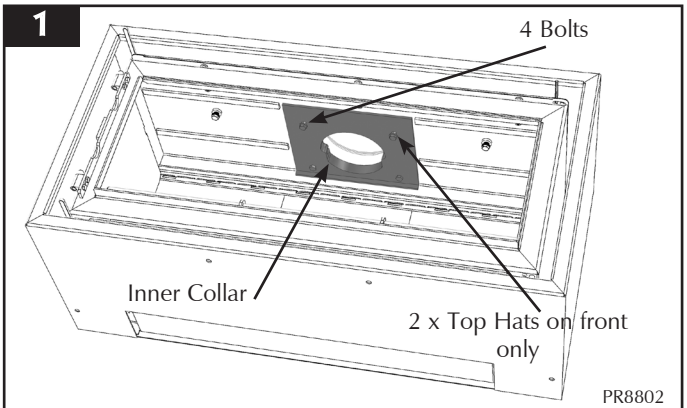
Keep the inner box in a safe place. When all the heavy work is complete the inner box can be re-installed into the outer box and the final connection made.

1.1 **Take care when installing the appliance. Careless handling and use of tools can damage the finish and/or area**.
Remove the door, *See Installation Instructions, Section 2*.

1.2 The internal components, bricks, baffles, log guard, should be removed to make the installation process easier and to prevent damage (see *Installation Instructions, Sections 3 - 6*).

1.3 First remove the inner collar (see Diagram 1).

1



1.4 Using a 13 A/F spanner:

- Remove the 4 x bolts noting the position of the 2 top hat spacers.
- Remove the inner collar.
- The inner box slides out of the outer box.

This will require two people.

† England and Wales – Document J / Scotland - Part F/ Document J (Republic of Ireland only)
‡ BS 8303, BS 6461, BS 7566
*Registered on the Competent Persons Scheme (UK only) see page 22 / INFO (Republic of Ireland)
**Health and Safety at Work Act 1974

INSTALLATION INSTRUCTIONS

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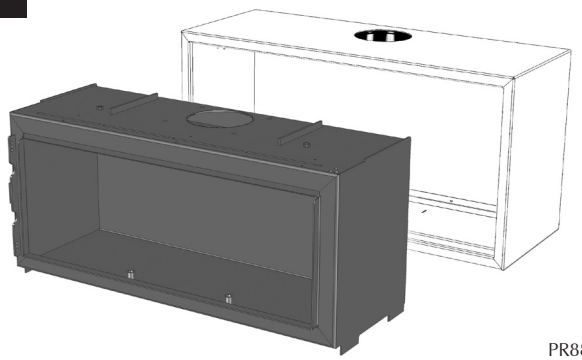


PR8803

BOLTING THE APPLIANCE TO THE HEARTH

1.5 **The appliance must be fixed to the hearth.** Use the four hearth mount holes shown in Diagram 3.

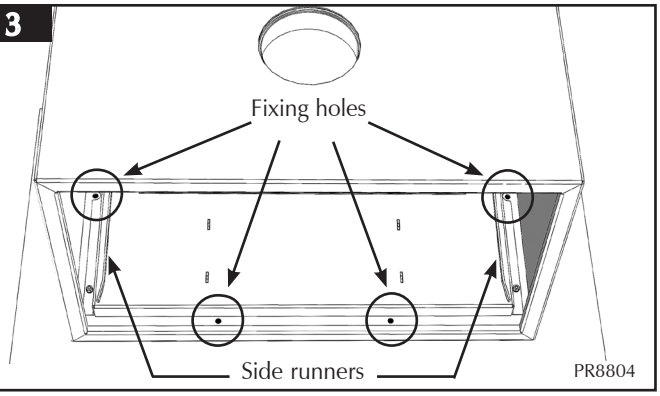
Take care not to damage the hearth.

— Position the appliance where required on the hearth and mark the location of the 4 fixing holes in the outer box.

— Drill the right sized holes into the hearth.

— Use suitable fasteners to fix into place.

3



PR8804

1.6 **Inserting the inner box:**

T**his will require 2 people**.

— Slide the inner box into the outer box (see Diagram 2) using the side runners on the outer box as guides (see Diagram 3).

TOP FLUE INSTALLATION

— Apply fire cement in to the faces shown prior to fitting the inner collar (see Diagram 4).

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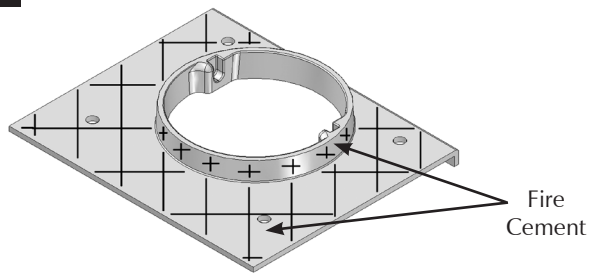

PR8299

— Fit the inner flue collar (the reverse of 1.4). Note the top hat spacers on the front bolts.

— Replace the internal components and door.

1.7 **To fit the pipe to the collar:**

— If not already fixed to the hearth, move appliance into position, taking care not to damage the hearth finish.

— Connect appliance to chimney using flue pipe.

— Seal the connecting joints.

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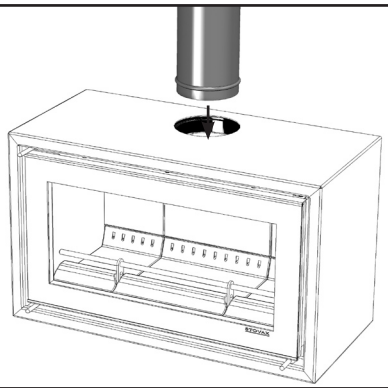
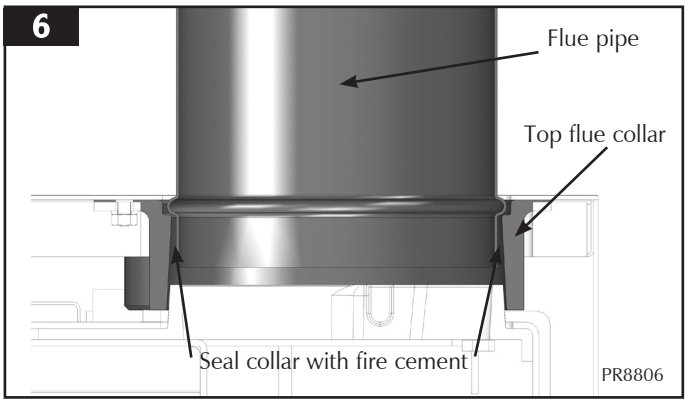


PR8805

The flue must be installed in accordance with the manufacturers instructions.

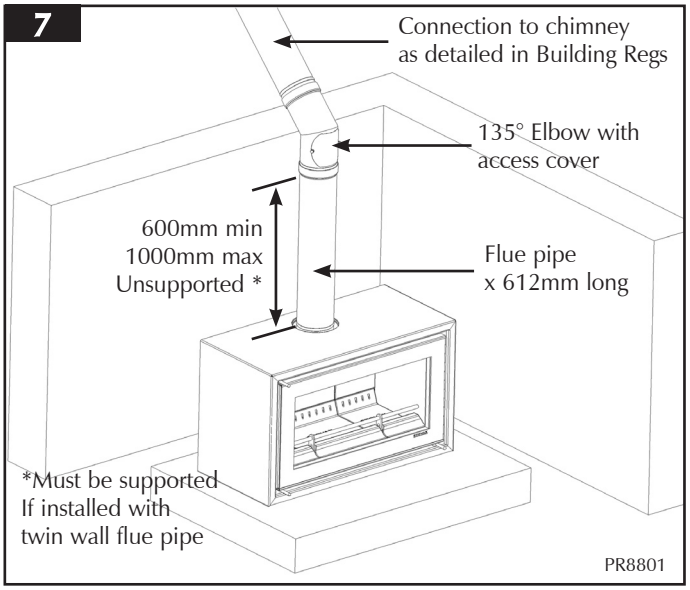
INSTALLATION INSTRUCTIONS



— From the top of the stove, place a generous amount of fire cement inside the top flue collar.

— Insert the 612mm long flue pipe into the flue collar so that the bulge is inside the flue collar and resting on the ledge.

A Typical Top Flue Pipe Installation:



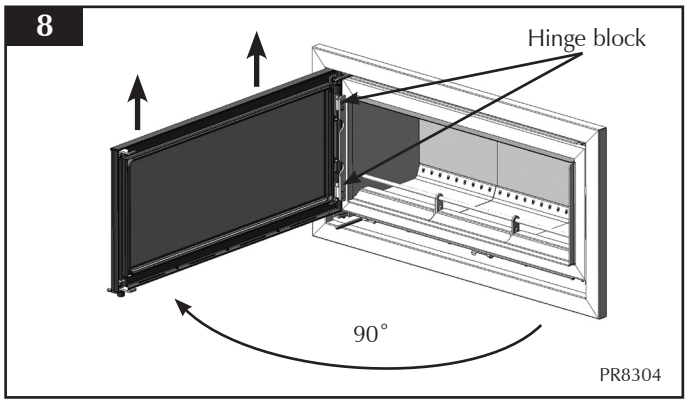
2. REMOVAL OF THE DOOR

2.1 To remove the door:
Before removing the door it is recommended to protect the left edge of the door from damage by using masking tape.

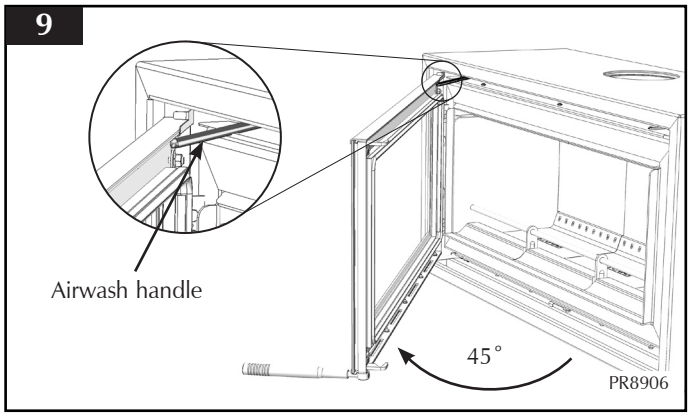
— Open the door approximately 90° (see Diagram 8).

— Move the Airwash and Primary controls to the far right.

— Lift the door vertically to remove from hinge block (see Diagram 8).



— Close the door 45°, ensuring the Airwash handle sits inside the channel in the top of the door (see Diagram 9) and carefully manoeuvre the door clear of the hinge mechanism.



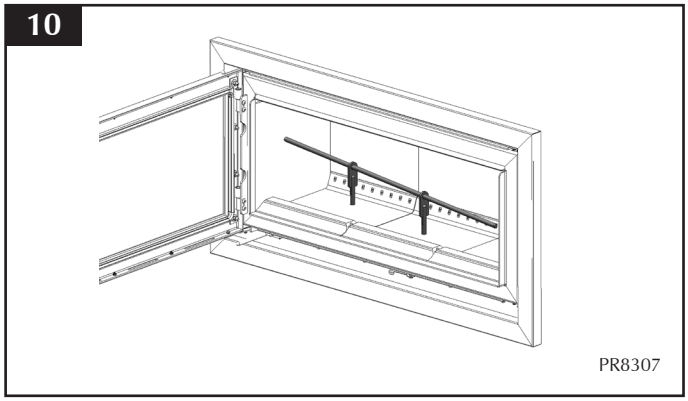
2.2 Reverse the procedure to re-fit the door.

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.

INSTALLATION INSTRUCTIONS

4. REMOVAL OF THE LOWER BAFFLE BRICKS

The appliance is fitted with 3 lower baffle bricks to maintain efficient combustion.

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

4.2 Remove the log guard from the appliance to give access to the firebox (see Installation Instructions, Section 3).

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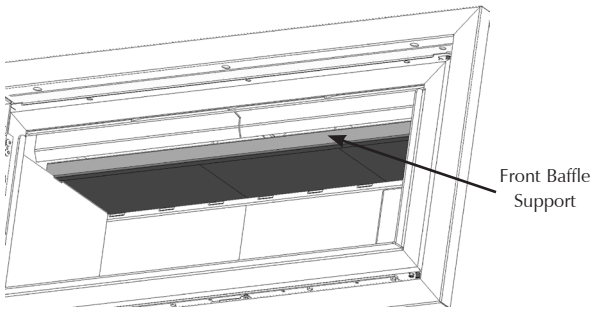

4.3 Pull front baffle support toward the front of the appliance and lift slightly. This can then be pulled forward to the front of the appliance (resting on the side firebricks) if you are removing the lower baffle bricks only.

4.4 Pull the baffle bricks forward to remove.

4.5 Follow these instructions in reverse order to fit the baffle bricks.

Replace damaged baffle bricks immediately.

4.6 **Do not modify baffle system.**

Do not operate with baffles removed.

5. REMOVAL OF THE UPPER BAFFLES

The Studio 1 has 1 baffle, the Studio 2 has 2 baffles.

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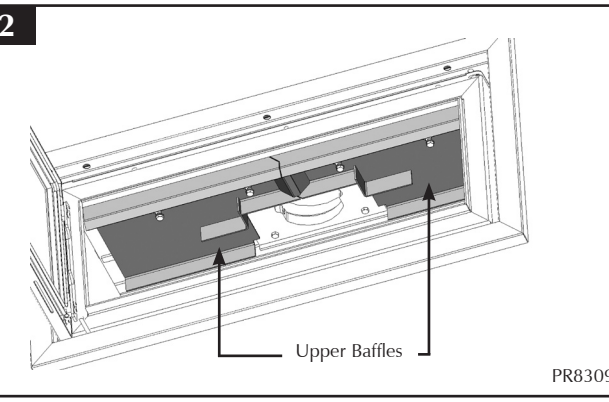

5.1 First remove the lower baffles (see Installation Instructions, **Section 4**).

5.2 Remove the front lower baffle support by placing one end to the back of the appliance. The other end can now be lowered out of the firebox.

5.3 To remove the upper baffle:

— Remove the left side baffle first in the Studio 2.

— Push the baffle backwards to disengage from the top hat spacers holding it in place. The baffle will now drop down.

— Remove baffle through the door opening.

5.4 Replace in reverse order.

5.5 The baffle system is designed to give safe and efficient operation of the stove.

Replace damaged baffles immediately.

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

Do not operate with the baffles removed.

6. REMOVAL OF THE FIRE BRICKS

Removing the fire bricks as part of routine maintenance can be done without the use of tools.

6.1 Allow the appliance to cool fully before removing firebricks.

6.2 Take care when handling, as bricks can become fragile after use. Life span depends on the type of fuels burnt and the level of use.

Replace damaged bricks as soon as possible.

6.3 To remove bricks:

— First remove lower and upper baffles (see *Sections 4 & 5).*

INSTALLATION INSTRUCTIONS

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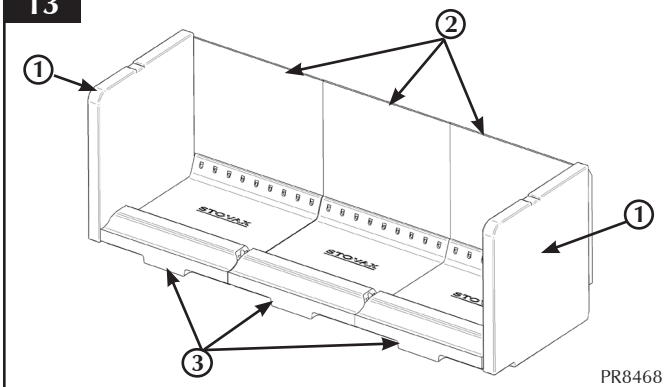

— Lift side brick and tip and twist the top towards the middle of the appliance.

— Carefully continue lifting and twisting the brick until it can be removed from the appliance.

— Repeat both sides.

6.4 Back bricks can now be slid apart and tipped forward to remove. The Centre Brick should be removed first.

6.5 Base bricks can be lifted vertically and removed through the front of the appliance.

6.6 Replace in reverse order.

7. GLASS TOP PLATES

This appliance can be fitted with optional glass top plates.

	Left Side	Right Side
RVFS-1GB	RVFS-MEC8816	RVFS-MEC8815
RVFS-2GB	RVFS-MEC8808	RVFS-MEC8807

7.2 The glass top plates have 4 x 6mm silicon feet on the underside to space them off the top of the appliance.

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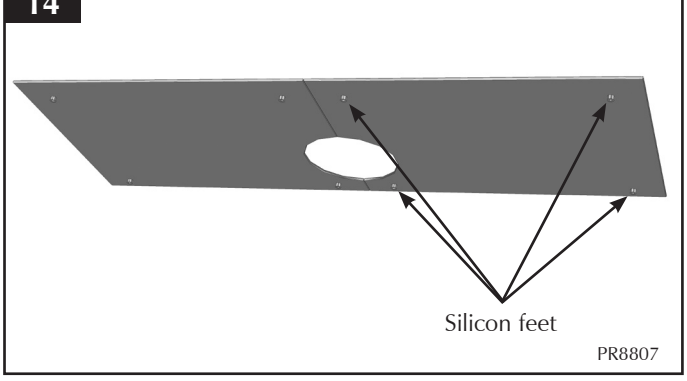

7.2 Place the glass plates feet down on top of the appliance.

Ensure the glass tops are flush with the front and sides of the appliance and placed correctly around the flue pipe.

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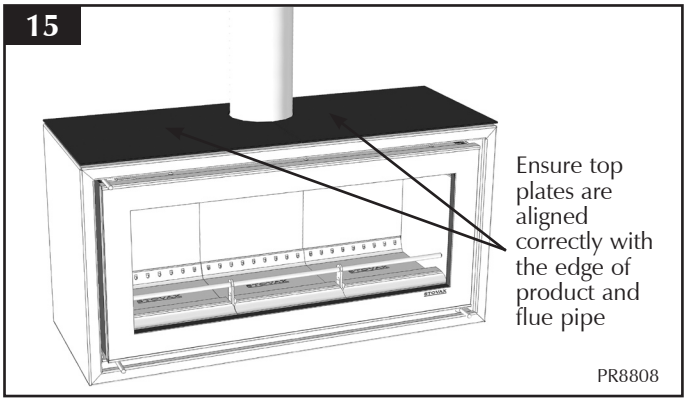

8. OPTIONAL DECORATIVE FLUE COVER

This appliance can be supplied with an optional decorative flue cover. Please refer to the instructions supplied with the flue cover for installation guidance (PM504).

9. OPTIONAL BENCH PLINTHS

This appliance can be installed on an optional bench, available in two heights and a variety of widths. Please refer to the instructions supplied with the bench for installation guidance (PM205). **If installing a bench the appliance must be secured to the bench and the bench must be fixed to the hearth.**

COMMISSIONING

COMMISSIONING

1.1 To commission:

— Replace the firebricks, baffles and log guard.

— Check the door alignment and catch operation and adjust if required (see *Maintenance & Servicing, Sections 7 & 8*).

— Check the soundness of door seals, castings and joints.

— 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.**

— **All open flued appliances can be affected by temporary atmospheric conditions which may allow fumes to enter the house. Because of this it is recommended that an electronic carbon monoxide detector conforming to BSEN50291 be fitted and maintained.**

— **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 dealer/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.**

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

BESCA - Building Engineering Services Competence Accreditation Ltd.
www.besca.org.uk

HETAS - Heating Equipment Testing and Approval Scheme Ltd.
www.hetas.co.uk

NAPIT - National Association of Professional Inspectors and Testers Ltd.
www.napit.org.uk

NICEIC - NICEIC Group Ltd.
www.niceic.org.uk

HETAS Approved Chimney Sweeps:

NACS - The National Association of Chimney Sweeps
www.chimneyworks.co.uk

APICS - The Association of Master Chimney Sweeps Ltd.
www.apics.org

The Guild of Master Chimney Sweeps
guildofmasterchimneysweeps.co.uk

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 and firebricks (see *Installation Instructions, Sections 3, 4, 5 & 6*). Take care handling firebricks as they can become fragile after a period of use.

— Sweep the appliance 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).

— Check the parts for any damage. Replace any damaged parts using genuine Stovax replacements parts.

— Check and clean the firebricks with a soft 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.

— Do not use cleaning agents that have a high alkaline content, for example Stovax Gel Cleaner, on appliances with painted glass such as the Studio, View or CL. These are abrasive cleaning agents that are designed to be used with heavily stained clear glass. Use Stovax Glass Cleaner (Stovax No.4103) on more delicate surfaces.

— Fit new door rope seal (see Maintenance and Servicing, Section 6).

— Lightly oil the door catch mechanism and hinge pins. Avoid getting oil onto the door seals and glass.

— To refresh painted finishes use Stovax Riva Midnight black 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	Riva Midnight Black (150ml aerosol)	RVAC150
Protecting your hands	Heat resistant leather gloves	4008
Door sealing rope	14mm Black rope seal (handy pack)	5000
	14mm Black rope seal (25m reel)	4670H
Thermic seal glue	(50ml bottle)	5037
Ash Clean	Vacuum Cleaner Attachment	2091

These products, available from your local Stovax dealer, 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**

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 dealer can carry out service and maintenance.

2. REMOVAL OF THE LOG GUARD

2.1 See *Installation Instructions, Section 3*.

3. FITTING AND REMOVAL OF BAFFLES

3.1 See *Installation Instructions, Sections 4 & 5*.

MAINTENANCE and SERVICING

4. FITTING & REMOVAL OF FIREBRICKS

4.1 See *Installation Instructions, Section 6*.

5. FITTING A NEW DOOR GLASS

5.1 A replacement door glass kit with full installation instructions is available should one be required. Please contact Stovax Customer Services for details.

6. FITTING A NEW DOOR SEAL

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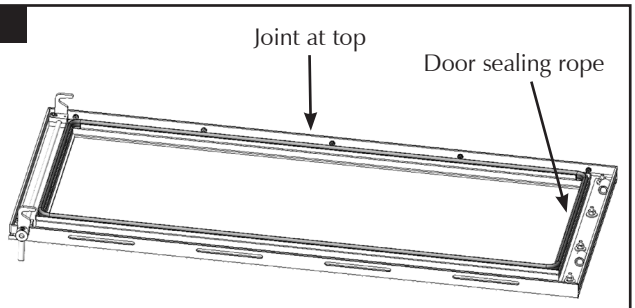


6.1 To maintain the safe use of your appliance you need to replace damaged or worn door sealing rope. To complete this operation:

— Remove the door (see *Installation Instructions, Section 2*).

6.2 Remove the old rope and scrape old glue from the locating groove.

— Clean the locating groove with a clean dry cloth to remove all dust and debris.

6.3 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 top edge of the door (Diagram 1) and using tape supplied for the rope ends.

6.4 Refit the door and close the door to apply pressure to the new rope.

— 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.

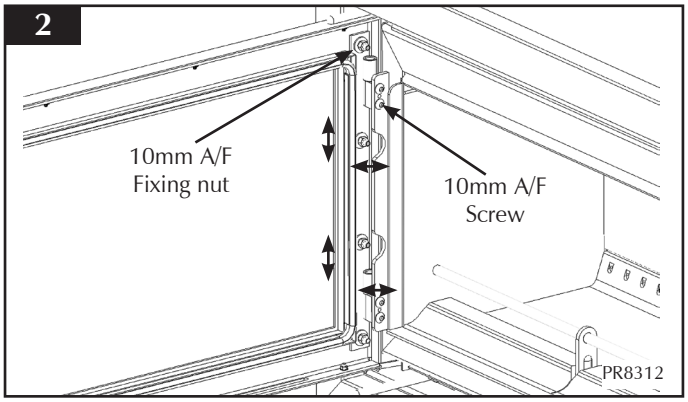
6.5 Using the appliance with a damaged door seal can cause dangerous fumes to enter the room or the appliance to over fire, resulting in damage.

7. ADJUSTING DOOR HINGES

7.1 To maintain the safe use of your appliance you may need to adjust the door hinges ensuring the safe, correct closure of the door. The door must be level with the top of the inner box so the catch engages correctly.

7.2 Open the door to give access to the hinge block fixing nut.

2

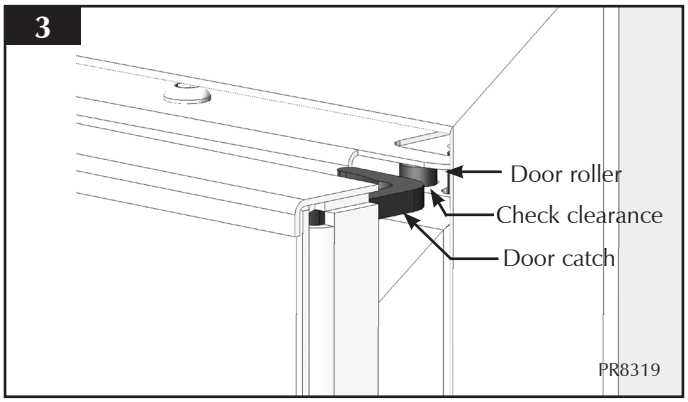


7.3 Using a 10mm A/F spanner slightly loosen the fixing nut inside the stove as shown in Diagram 2.
This will give vertical and horizontal adjustment. A trial and error approach may be needed to find the correct position. **The door must be horizontal**.

7.4 The fitting of the door against the body of the stove can be adjusted to aid the pressure on the rope seal. Slightly loosen the screw, as shown in Diagram 2, using a 10mm A/F spanner to allow back and forward adjustment of the door.

7.5 Check the catch engages correctly and clears the inner box.

3



7.6 If the catch does not engage correctly see *Maintenance & Servicing, Section 8*.

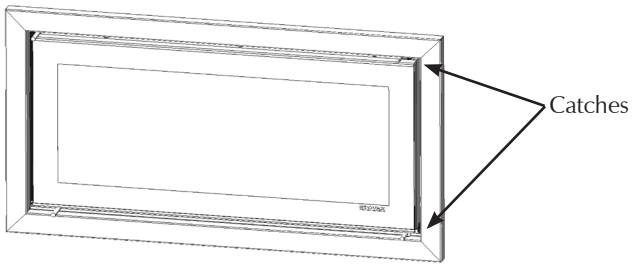
MAINTENANCE and SERVICING

8. ADJUSTING THE DOOR CATCH

8.1 To maintain the safe use of your appliance you may need to adjust the door catch to ensure the safe, correct closing of the door. If the door hinges have been adjusted the door catch may need adjustment.

8.2 The catches are located at the top and the bottom of the right side of the door.

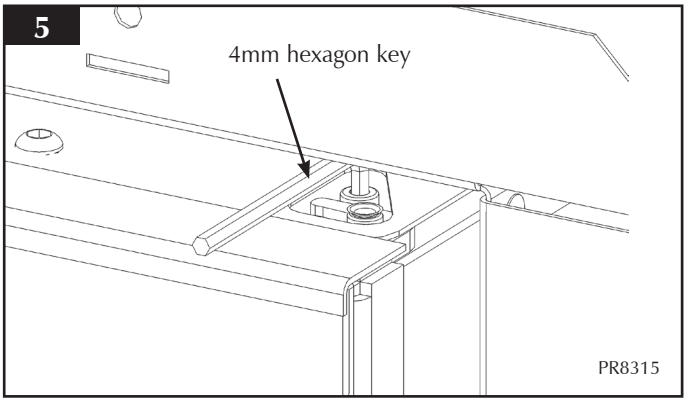
4



PR8319

Top Adjustment

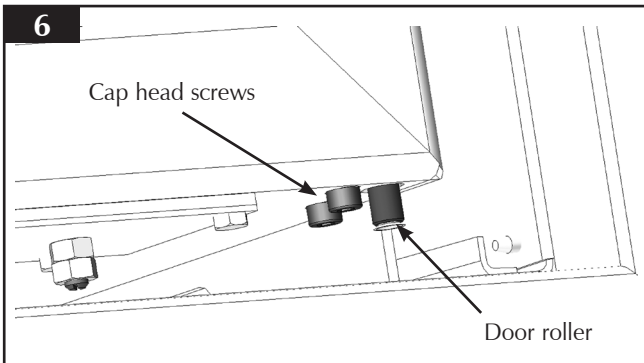
5



PR8315

Bottom Adjustment

6



Catch mechanism (bottom view)

PR8316

8.3 Using the 4mm hexagon key supplied, slightly loosen the 2 cap head screws on the top catch mechanism (see Diagram 5) to allow movement but with some resistance. **Do not over loosen or remove the screws completely.**

— Close door, engage catch around roller, and apply pressure to door.

— Whilst still applying pressure disengage the catch.

— Release pressure and open door.

— Tighten screws and check the catch operation.

— Repeat with bottom catch mechanism (see Diagram 6).

8.4 Do a paper test:

— Close the door on a single sheet of paper.

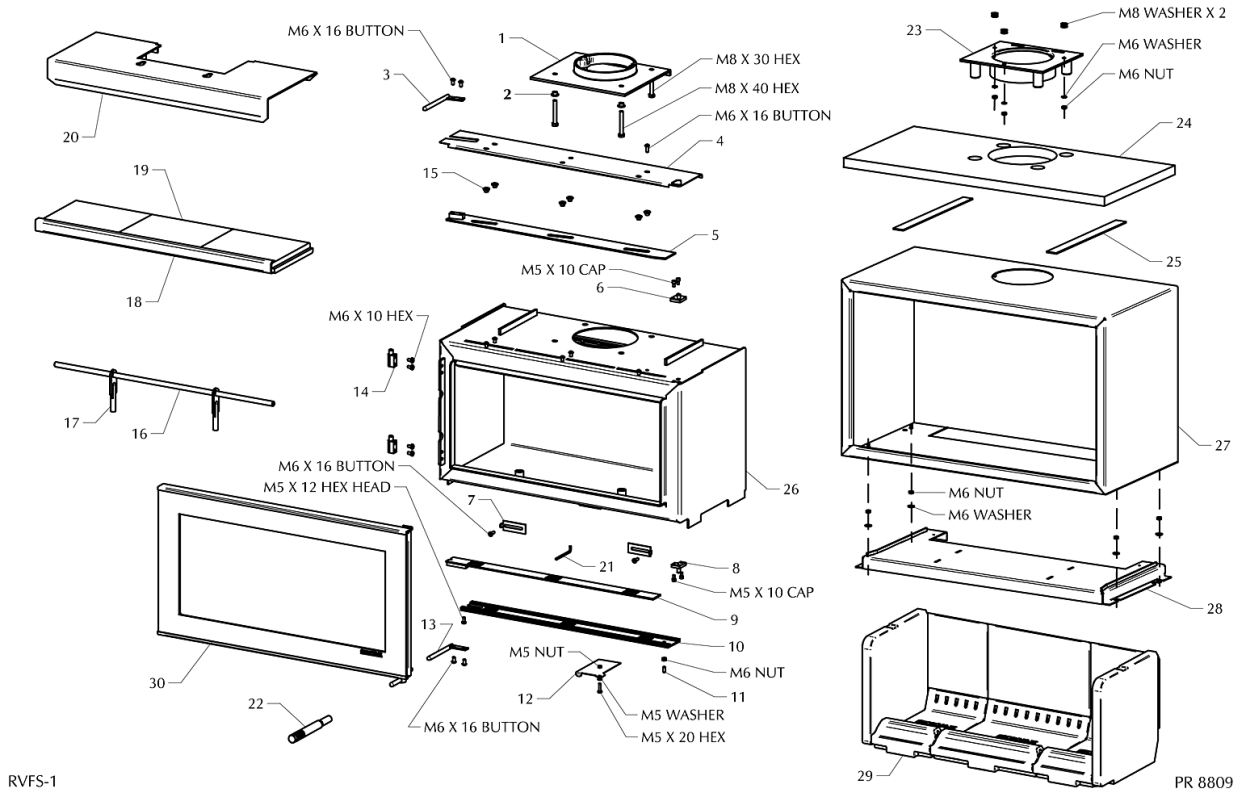
— Pull the paper out.

— If the paper can be pulled out easily the door seal is not sufficient to prevent air entering the appliance and must be replaced.

— Repeat this around all edges of the stove.

SPARE PARTS

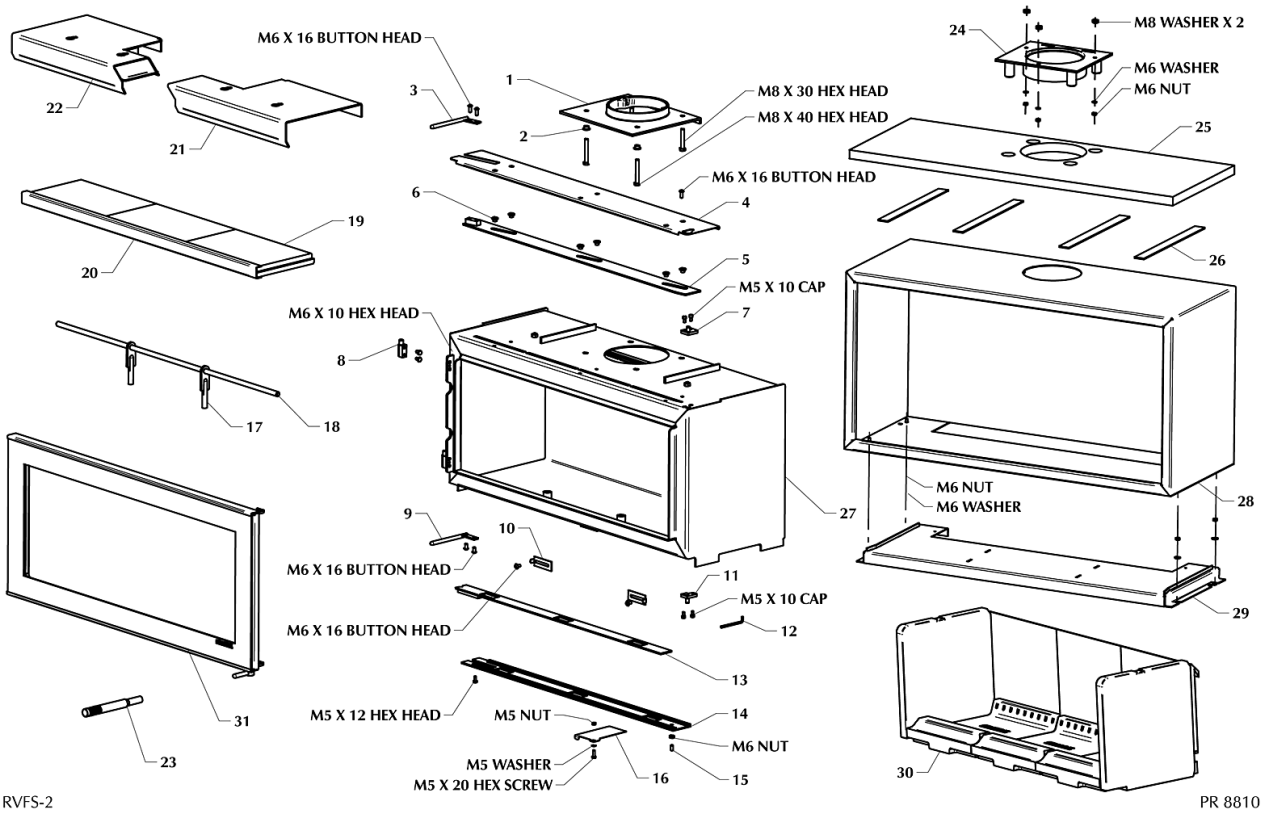
RVFS-1



Ref. No.	Product Code	Drawing No. (if different)	Description
1	RVS-CA7513	CA7513	LOWER COLLAR
2	RVAC049	ME500695	SPACER
3	RVS-MEC8413	MEC8413	AIRWASH HANDLE ASSEMBLY
4	RVS-RA501933	RA501933	AIRWASH SLIDER COVER
5	RVS-MEC8423	MEC8423	AIRWASH SLIDER ASSEMBLY
6	RVS-MEC8268	MEC8268	TOP CATCH
7	RVS-RA501955	RA501955	SECONDARY AIR CONTROL SLIDER
8	RVS-MEC8269	MEC8269	BOTTOM CATCH
9	RVS-MEC8424	MEC8424	PRIMARY SLIDER ASSEMBLY
10	RVS-MEC8270	MEC8270	PRIMARY AIR SLIDER COVER
11	RVAC022	ME7794	BALL SPRING PLUNGER
12	RVS-RA502194	RA502194	DATA PLATE MOUNT
13	RVS-MEC8414	MEC8414	PRIMARY AIR SLIDER HANDLE ASSEMBLY
14	RVS-MEC8373	MEC8373	HINGE BLOCK ASSEMBLY
15	RVS-ME600218	ME600218	SPACER
16	RVS-ME600119	ME600119	LOG BAR
17	RVS-MEC8500	MEC8500	LOG BAR SUPPORT ASSEMBLY
18	RVS-RA501952	RA501952	BAFFLE SUPPORT
19	RVS-CE7469	CE7469	BAFFLE BRICK
20	RVS-MEC8230	MEC8230	TOP BAFFLE
21	RVS-ME600380	ME600380	MODIFIED 5MM HEX KEY
22	RVS-ME600213	ME600213	TOOL HANDLE
23	RVS-CA7624	CA7624	TOP COLLAR
24	CE7808		TOP INSULATION
25	ME600546		INSULATION SUPPORT STRIPS
26	N/A	MEC8420	INNER BOX
27	N/A	MEC8812	WELDED OUTER BOX
28	N/A	MEC8814	INTERNAL BASE ASSEMBLY
29	N/A	MEC8467	BRICK ASSEMBLY (SEE SEPARATE SPARES SHEET)
30	N/A	MEC8227	DOOR ASSEMBLY

SPARE PARTS

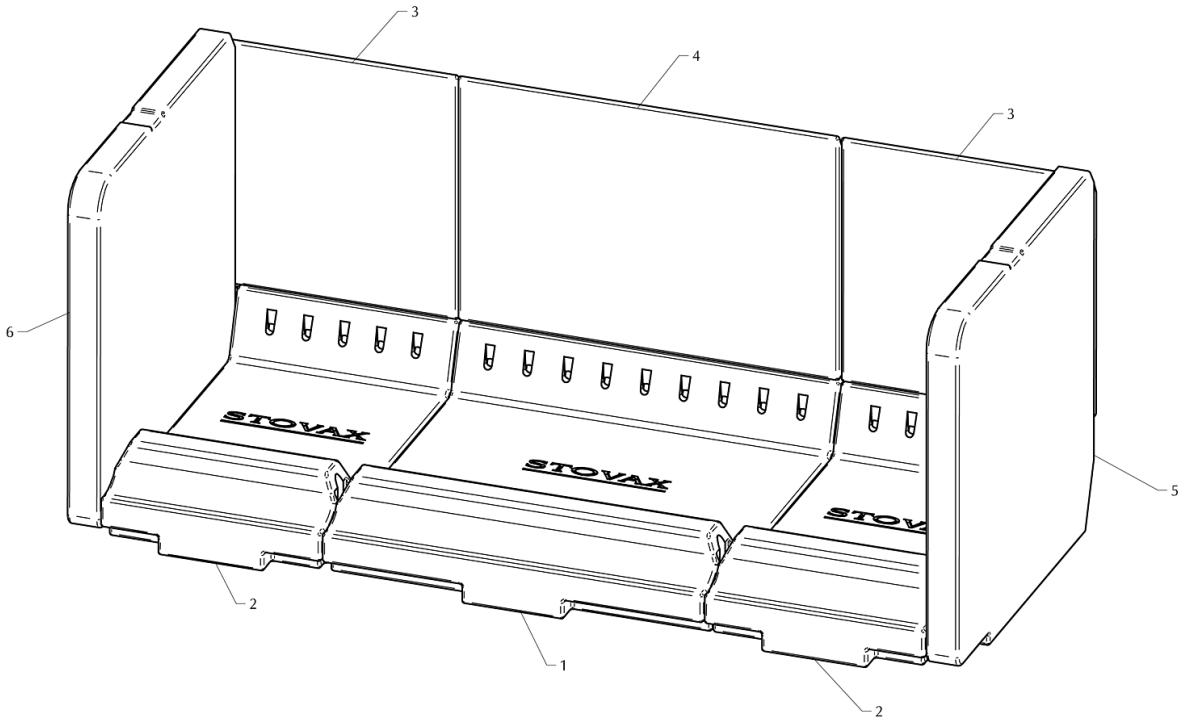
RVFS-2



Ref. No.	Product Code	Drawing No. (if different)	Description
1	RVS-CA7513	CA7513	LOWER COLLAR
2	RVAC049	ME500695	SPACER
3	RVS-MEC8413	MEC8413	AIRWASH HANDLE ASSEMBLY
4	RVS-RA501947	RA501947	AIRWASH DEFLECTOR
5	RVS-MEC8381	MEC8381	AIRWASH SLIDER
6	RVS-ME600218	ME600218	SPACER
7	RVS-MEC8268	MEC8268	TOP CATCH
8	RVS-MEC8373	MEC8373	HINGE BLOCK ASSEMBLY
9	RVS-MEC8414	MEC8414	PRIMARY AIR SLIDER HANDLE ASSEMBLY
10	RVS-RA501955	RA501955	SECONDARY AIR CONTROL SLIDER
11	RVS-MEC8269	MEC8269	BOTTOM CATCH
12	RVS-ME600380	ME600380	MODIFIED 5MM HEX KEY
13	RVS-MEC8380	MEC8380	PRIMARY SLIDER
14	RVS-MEC8237	MEC8237	PRIMARY AIR SLIDER COVER
15	RVAC022	ME7794	BALL SPRING PLUNGER
16	RVS-RA502194	RA502194	DATA PLATE MOUNT
17	RVS-MEC8500	MEC8500	LOG BAR SUPPORT ASSEMBLY
18	RVS-ME600114	ME600114	LOG BAR
19	RVS-CE7468	CE7468	BAFFLE BRICK
20	RVS-RA501946	RA501946	BAFFLE SUPPORT
21	RVS-MEC8477	MEC8477	TOP BAFFLE RIGHT HAND SIDE
22	RVS-MEC8476	MEC8476	TOP BAFFLE LEFT HAND SIDE
23	RVS-ME600213	ME600213	TOOL HANDLE
24	RVS-CA7624	CA7624	TOP COLLLAR
25	CE7809		TOP INSULATION
26	ME600546		INSULATION SUPPORT STRIPS
27	N/A	MEC8215	INNER BOX
28	N/A	MEC8809	WELDED OUTER BOX
29	N/A	MEC8646	INTERNAL BASE ASSEMBLY
30	N/A	MEC8462	BRICK ASSEMBLY (SEE SEPARATE SPARES SHEET)
31	N/A	MEC8219	DOOR ASSEMBLY

SPARE PARTS

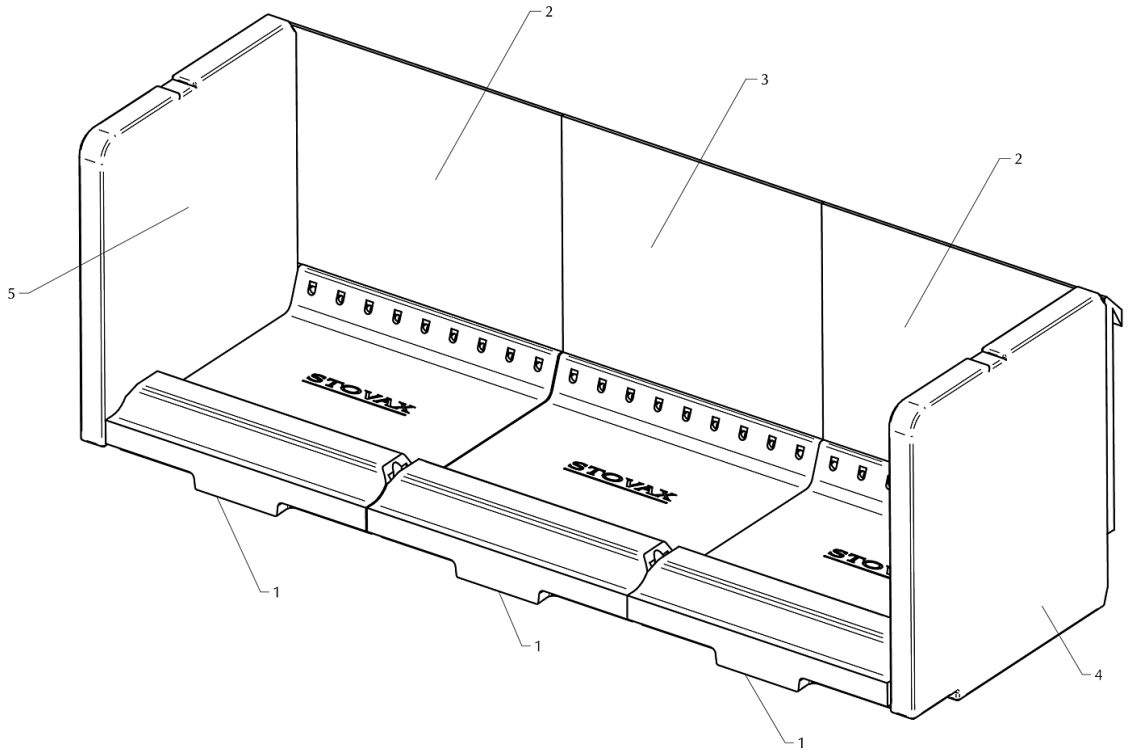
RVFS-1 BRICKS



Ref. No.	Product Code	Drawing No. (if different)	Description
1	RVS-CE7632		BASE CENTRE BRICK
2	RVS-CE7631		BASE SIDE BRICK
3	RVS-CE7634		REAR SIDE BRICK
4	RVS-CE7635		REAR CENTRE BRICK
5	RVS-CE7633		SIDE BRICK RIGHT HAND SIDE
6	RVS-CE7689		SIDE BRICK LEFT HAND SIDE

SPARE PARTS

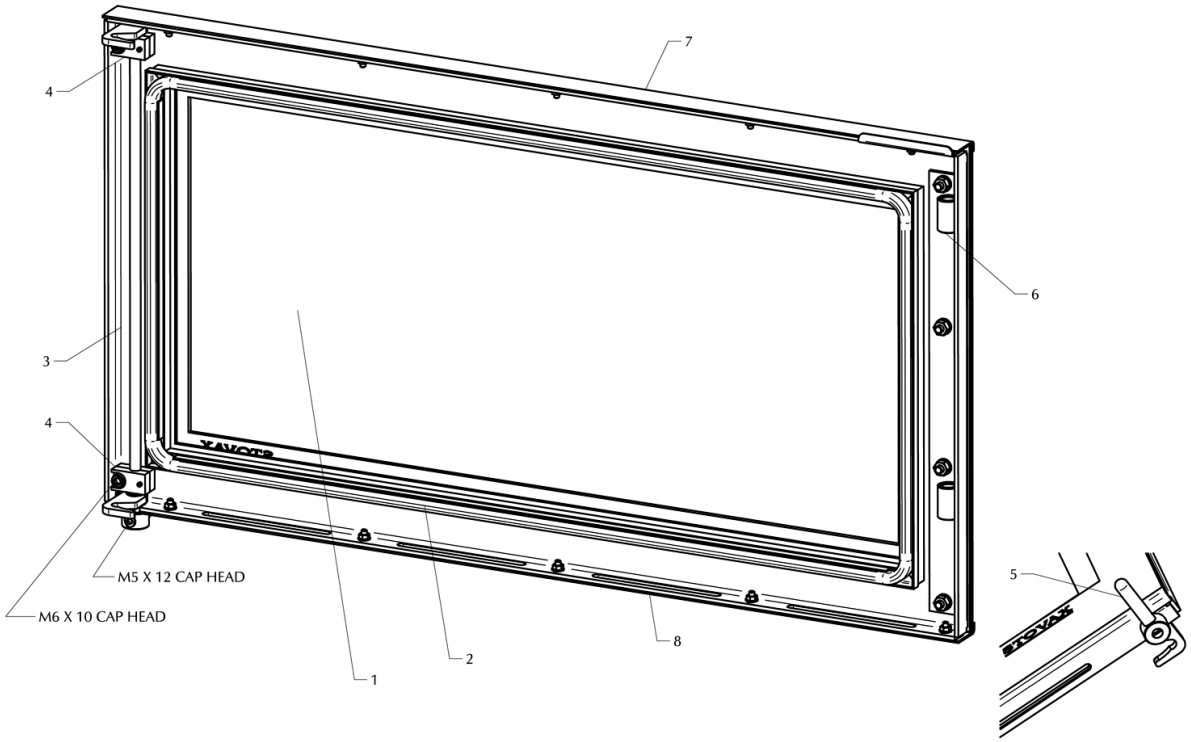
RVFS-2 BRICKS



Ref. No.	Product Code	Drawing No. (if different)	Description
1	RVS-CE7613	CE7613	BASE BRICK
2	RVS-CE7624	CE7624	BACK BRICK SIDE
3	RVS-CE7615	CE7615	BACK BRICK CENTRE
4	RVS-CE7625	CE7625	SIDE BRICK RIGHT HAND SIDE
5	RVS-CE7690	CE7690	SIDE BRICK LEFT HAND SIDE

SPARE PARTS

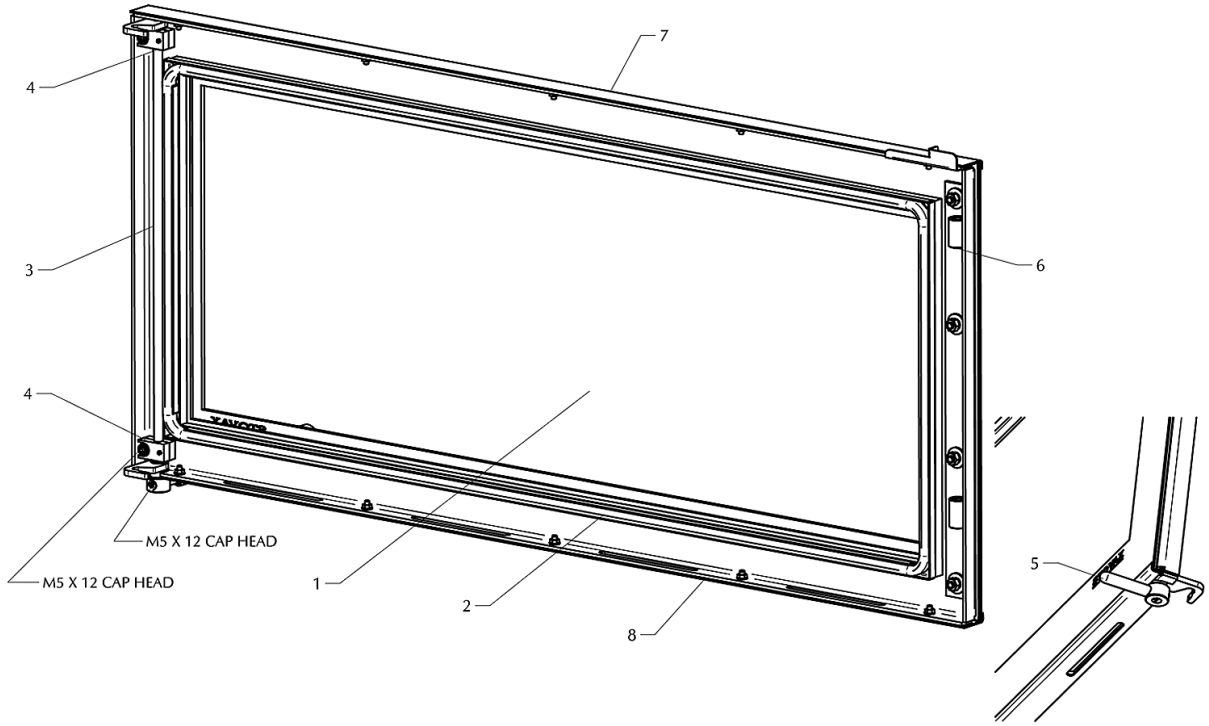
RVFS-1 DOOR ASSEMBLY



Ref. No.	Product Code	Drawing No. (if different)	Description
1	RVS-MEC8227		DOOR ASSEMBLY
2	4670		ø14 x 1900MM DOOR ROPE
3	RVS-MEC8385		DOOR CATCH ASSEMBLY
4	RVS-ME600175		CATCH BLOCK TOP
5	RVS-ME600203		HANDLE BAR
6	RVS-MEC8287		HINGE ASSEMBLY
7	RVS-MEC8285		GLASS CLAMP ASSEMBLY TOP
8	RVS-MEC8286		GLASS CLAMP ASSEMBLY BOTTOM

SPARE PARTS

RVFS-2 DOOR ASSEMBLY



Ref. No.	Product Code	Drawing No. (if different)	Description
1	RVS-MEC8219	MEC8219	DOOR ASSEMBLY
2	4670		ø14 x 1900MM DOOR ROPE
3	RVS-MEC8378	MEC8378	DOOR CATCH ASSEMBLY
4	RVS-ME600175	ME600175	CATCH BLOCK TOP
5	RVS-ME600203	ME600203	HANDLE BAR
6	RVS-MEC8243		HINGE ASSEMBLY
7	RVS-MEC8239		GLASS CLAMP ASSEMBLY TOP
8	RVS-MEC8240		GLASS CLAMP ASSEMBLY BOTTOM

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 CE

The undersigned, representing the following :

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

Herewith declare that the products :

Description	Product code
Riva Studio 1 Freestanding	RVFS-1
Riva Studio 2 Freestanding	RVFS-2

Description of product : Riva Studio domestic wood heating stove product range

Steel fabricated stove body fitted with steel door sets, and various decorative trim options.
Supplied in various sizes to give a range of heat output options.

are in conformity with the provisions of the following EC Directive(s) when installed in accordance with the installation intructions in the product documentation :

98/106/EEC Construction Products Directive

and the standards referenced below have been applied :

EN 13240 : 2001 Roomheaters fired by solid fuel – Requirements and test methods

EN 50165 : 1997 Electrical equipment of non-electrical appliances for household and similar purposes. Safety requirements.

Product : 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	Riva Studio 1 (RVS1) CO @ 13% O_2 Wood 0.230% Riva Studio 2 (RVS2) CO @ 13% O_2 Wood 0.180%	
Release of dangerous substance	None	
Surface temperature	Satisfies	
Mechanical resistance (to carry a chimney/flue)	Maximum weight to be supported 25Kg	
Thermal output / Efficiency	Riva Studio 1 (RVS1) Wood 5.0 Kw @ 74.6% Riva Studio 2 (RVS2) Wood 8.0 Kw @ 75.3%	

Test laboratory : 608

Name : G. Taylor

Signature :

Position : Technical Director

Date : 01 / 07 / 2010

Sheet 1 of 1

STOVAX

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

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