

STOVAX



Riva Vision

Wood & Multi-fuel Free Standing Stove

MODELS:

SMALL, MIDI & MEDIUM WOOD & MULTI-FUEL

The Vision design, including accessories, is protected by Community Design Registration No. 001169338-0001 to Stovax Ltd

Instructions for Use, Installation and Servicing

For use in NZ (New Zealand).

IMPORTANT: All installations to comply with AS/NZS2918:2001
The Fireplace Ltd recommends that a trained NZHHA Installer complete the installation.

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:

SMALL, MIDI & MEDIUM WOOD & MULTI-FUEL

APPLIANCE COMMISSIONING CHECKLIST 3

USER INSTRUCTIONS 4

General Points	4
Using the Appliance for the first time	5
Recommended Fuels	5
Lighting the Fire	6
Running the Appliance	7
Burning Tips	9
Optional Outside Air Kit	9
Ash Removal	10
Extended Burning	10
Over-Firing	10
Chimney Fire	10
General Cleaning	11
Cleaning Glass	11
Chimney Sweeping	11
Care of Stove	11
Seasonal Use	12
Troubleshooting Tips	12

INSTALLATION INSTRUCTIONS 13

Technical Specifications	13
Standard Features	13
Packing List	13

SITE REQUIREMENTS 14

Dimensions	14
Flue or Chimney	15
Flue Outlet positions	16
Hearth Dimensions	16
Walls Next to Hearth	17

PRE-INSTALLATION 18

Flue	18
Additional Ventilation	18
Ventilation	19

INSTALLATION 20

Legal Requirements	20
Installing the Appliance	20
Top Flue Installation	20
Rear Flue Installation	21
Removal of Log Guard	23
Fitting & Removal of Baffles	23
Fitting & Removal of Fire Bricks	24
Fitting & Removal of Multi-fuel grate	25
Optional Outside Air Kit	26
Glass Plinth	26
Glass Top	27

COMMISSIONING 28

MAINTENANCE & SERVICING 29

Annual Service	29
Removal of Log Guard	29
Removal of Baffle	30
Removal of Fire Bricks	30
Removal of Multi-fuel grate	30
Fitting a New Glass Door	30
Fitting a New Door Seal	30
Adjusting Door Hinges	31

BASIC SPARE PARTS LIST 32

SERVICE RECORDS 36

EC DECLARATION OF CONFORMITY 37

WARRANTY

Your Stovax retailer provides you with a Two Year Warranty for your new stove. However, this specifically excludes naturally wearing parts or 'consumables' such as 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 an appropriately qualified engineer.

They also provide a Five Year Casting Warranty for the carcass of all cast iron stoves and the cast iron door of steel stoves. Again, this excludes naturally wearing cast parts such as grate, dampers, log retainers and baffles.

You can help your retailer to provide their warranties 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 dealer for assistance:

Dealer 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 ☐

Clearance to combustible materials checked YES ☐ NO ☐

Signature:

Print name:

USER INSTRUCTIONS

1. GENERAL POINTS

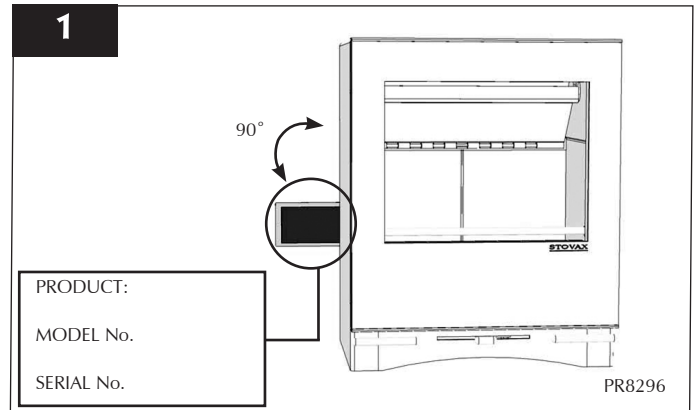
- 1.1 Before use of this appliance please read these instructions fully.
- 1.2 All local regulations, including those referring to national standards need to be complied with when installing the appliance*.
- 1.3 Only use for domestic heating in accordance with these operating instructions.
- 1.4 You must burn only approved fuels. 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 dealer 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 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 Section 14
- 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.

The data is located on the back left side of the appliance on a plate that rotates 90°, See Diagram 1.

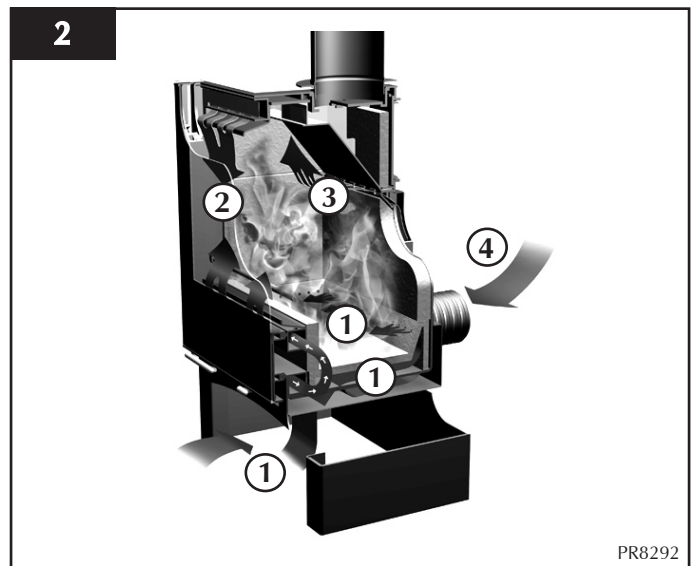
*This product must conform to AS/NZS 2918:2001



AIR CONTROLS

Cleanburn Technology and Convector Efficiency

Riva appliances incorporate the latest cleanburn technology with a unique 'Opti-Burn' setting in order to burn fuels with greater efficiency. Unlike conventional stoves the Vision offers improved running, flexibility and precise combustion control via a singular lever control to make the appliance more user friendly.



1) Primary Air - burns the fuel under the fuel bed. For use with solid fuel and initially with wood fires.
This control must be kept closed during running of fire.

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

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

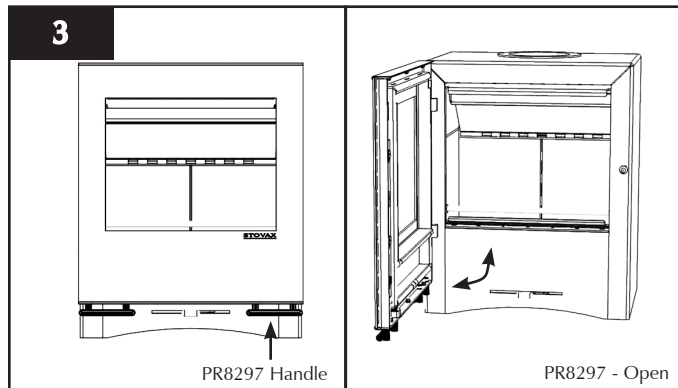
4) Outside air (optional extra)

USER INSTRUCTIONS

DOOR HANDLE

1.12 Use a protected gloved hand to operate.

DO NOT OPEN THE DOOR WITH BARE HANDS



1.16 To open and close:
Push the right hand door handle upwards to release the catch. The door opens right to left, See diagram 3

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.

Allow fire to burn out or 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 be fitted and maintained.

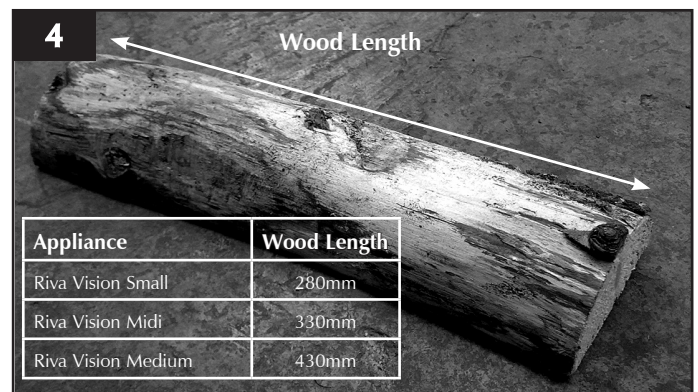
2. USING THE APPLIANCE FOR THE FIRST TIME

- 2.1 To allow the appliance to settle and fixing glues and paint to fully cure:
Operate the appliance at a low output 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%.



- Dry newly cut wood for 12 to 18 months before use
- 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.

USER INSTRUCTIONS

3.3 Fuel consumption.

As tested at nominal heat output to the requirements of EN 13240: 2001 for intermittent operation:

Description		Fuel Consumption	
		Kg/hour Wood	Kg/hour Briquette Smokeless fuel
Small Wood	RVN-SMW	1.62	-
Small M/F	RVN-SMM	1.62	0.80
Midi Wood	RVN-MIDW	2.30	-
Midi M/F	RVN-MIDM	2.30	1.10
Medium Wood	RVN-MEDW	2.62	-
Medium M/F	RVN-MEDM	2.62	1.20

3.4 For advice on suitable solid fuels:*

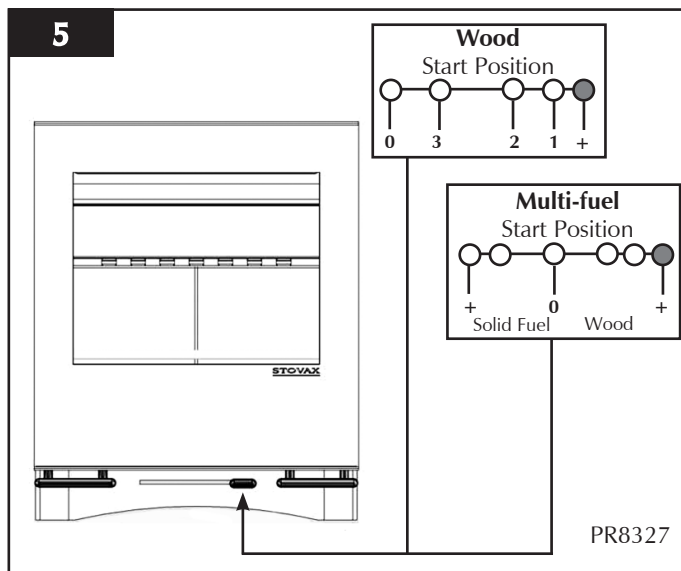
- Contact your local approved coal merchant

A number of factors can affect the performance of the appliance. See Section 17 for details.

4. LIGHTING THE FIRE

4.1 For best results:

Set air controls, See Diagram 5



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

Light the paper or firelighters, See Diagram 6

6

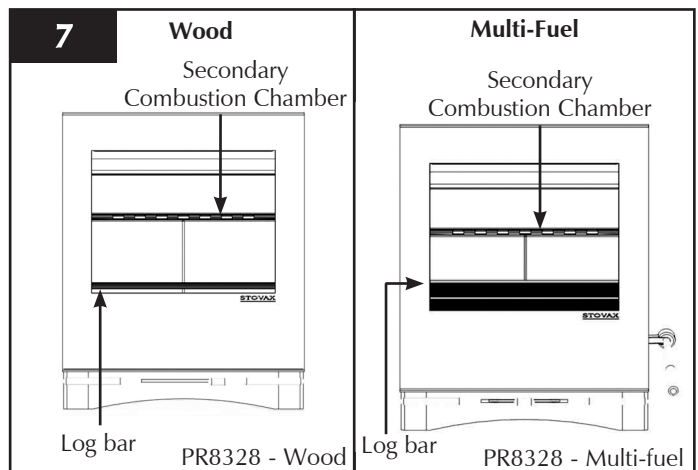


Leave the door slightly open as the fire establishes and the glass warms to avoid the build-up of condensation.

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

Do not load fuel above the log guard and the secondary combustion chamber at the back of the firebox.
See Diagram 7.

7



Close the door

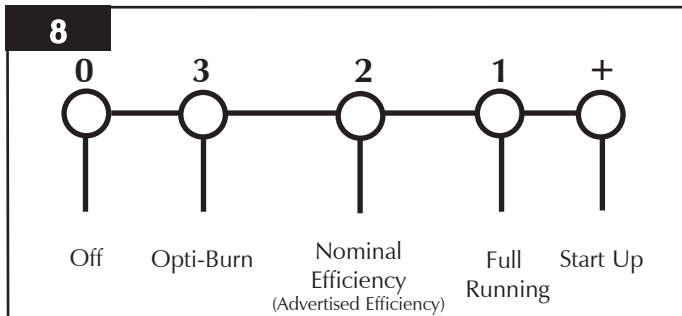
Do not leave the door open as this could over-fire and damage the appliance.

USER INSTRUCTIONS

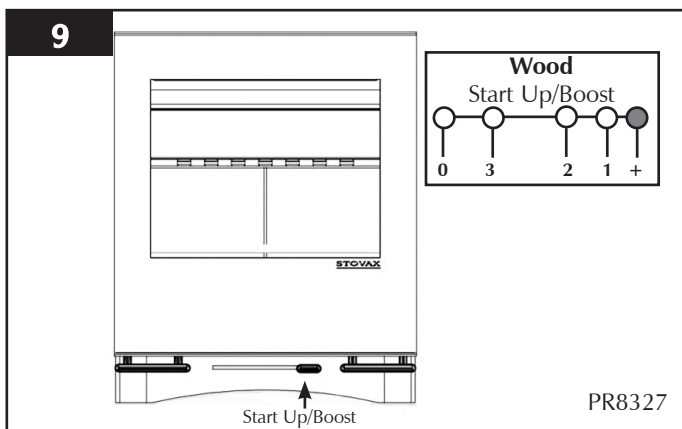
5. RUNNING THE APPLIANCE

5.1 Wood Stove:

There are several settings that can be used when burning wood, Diagram 8



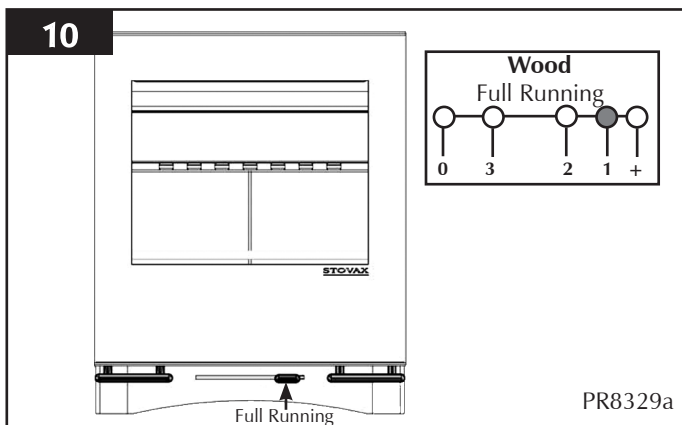
5.2 Boost Setting/Start Up



Use the Boost/Start Up setting to establish the fire only.
Do not use during running of fire.

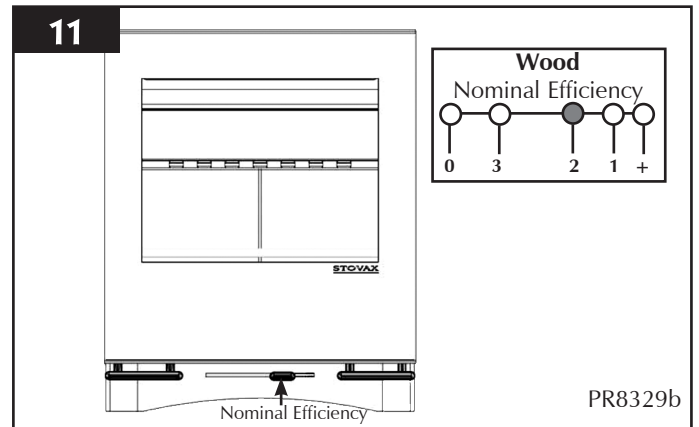
Once the fire is established:
Move the control lever to the left
The notched settings should be used as a guide. The stove can be burnt with the control anywhere along its length.

5.3 Full Running



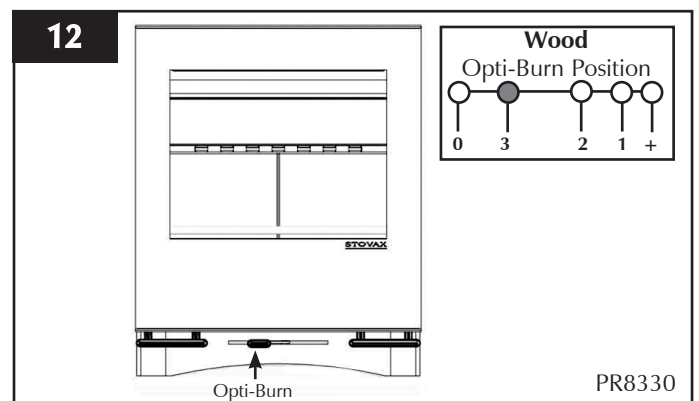
The Full Running setting allows the appliance to burn at the maximum output when burning wood. Take care not to over fire the appliance.

5.4 Nominal Efficiency



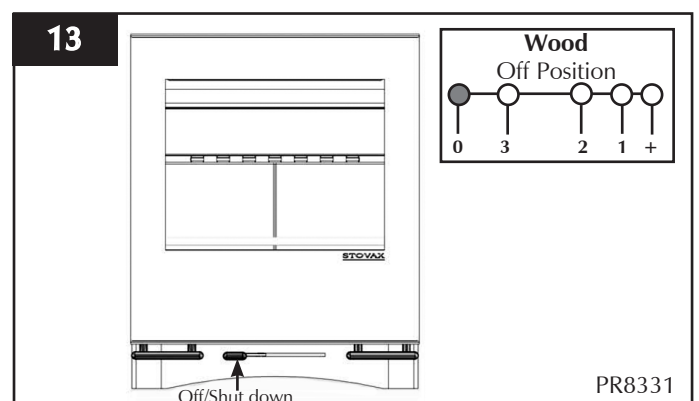
The Nominal Efficiency setting burns wood at the most efficient output.

5.5 Opti-Burn



The Opti-Burn setting is the lowest heat output for burning wood. This position helps keep the glass clean whilst efficiently burning fuel.

5.6 Off/Shut Down



USER INSTRUCTIONS

The Off/Shutdown setting for burning wood closes the fire down and turns the appliance off. This position does not keep the glass clean.

- 5.7 Burn new logs on the Start Up/Boost setting for a few minutes before adjusting the **control**.

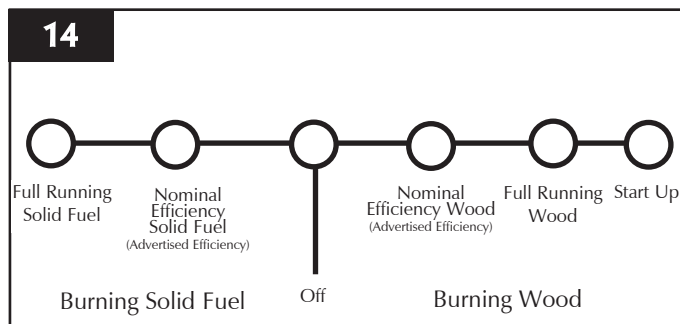
Refuel little and often for clean, efficient burning.

Rake the embers evenly over the fire bed taking care not to damage the brick.

- 5.8 Experience establishes settings to suit personal preferences.
- 5.9 Do not burn large amounts of fuel with the **Airwash control** closed (Off position) 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.
- 5.10 When in use, burning the appliance at high output (Start Up/Boost) for a short period each day also reduces tars and creosote.

5.11 Multi-fuel Stove:

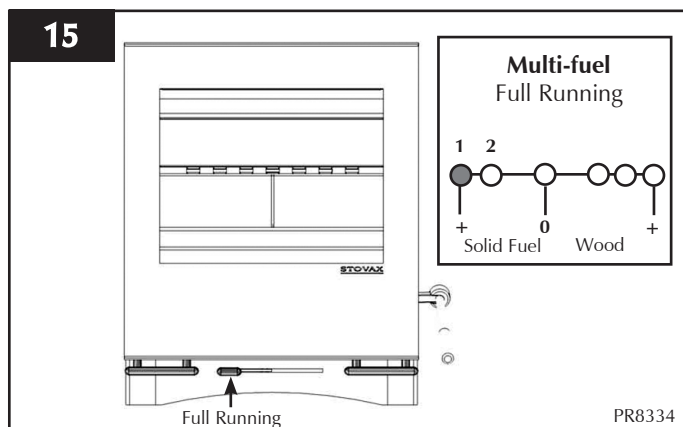
The Solid Fuel setting is from the Centre to the Left
The Wood burning setting is from the Centre to the Right.



Burning Solid Fuel

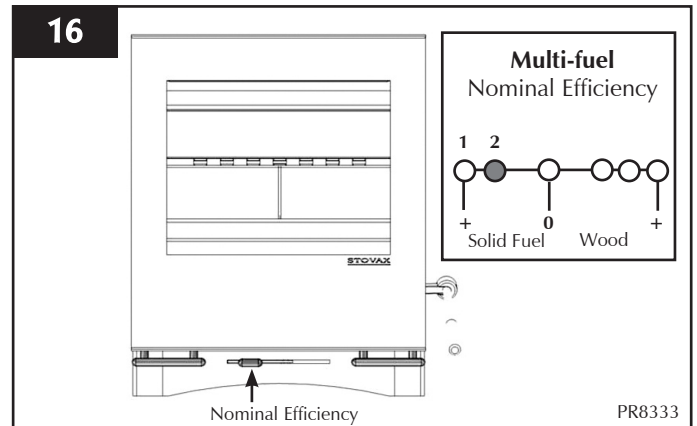
Once the fire becomes established:
Move the control from the wood start up position, See Diagram 5, to the Multi-fuel position on the left. A notch will locate the arm in the correct position.

5.12 Full Running



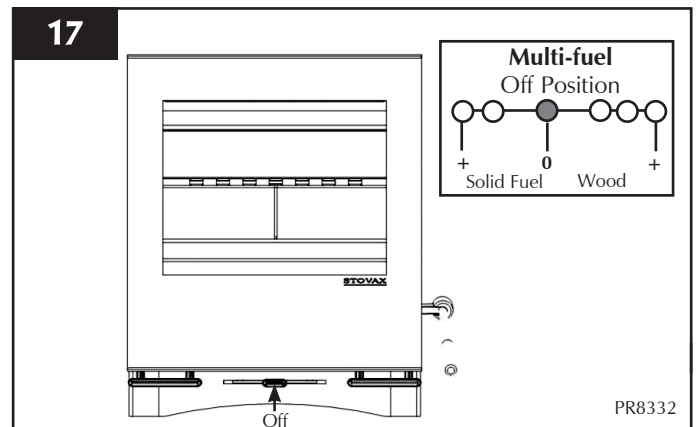
The Full Running position gives full heat output for burning solid fuel but may discolour the glass.

5.13 Nominal Efficiency



The Nominal Efficiency setting burns solid fuel at the most efficient output. This position helps keep the glass clean.

5.13 Off Position



The Off/Shutdown setting for closes the fire down and turns the appliance off. This position does not keep the glass clean.

- 5.15 For Wood Burning settings on the Multi-fuel appliance refer to sections 5.2 - 5.4. Please note there is no Opti-Burn setting. This can be achieved by setting the control between Nominal Wood Efficiency and Off positions.

- 5.16 De-ash the fire bed before re-fuelling, See *Ash Removal Section 8*.

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

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

Refuel little and often for clean, efficient burning.

- 5.17 Experience establishes control settings to suit personal preferences.

USER INSTRUCTIONS

5.18 Do not burn large amounts of fuel with the **Control** on low settings 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.

5.19 When in use, burning the appliance at the Start Up/Boost setting for a short period each day also reduces tars and creosote.

5.20 **You must burn only anthracite or smokeless fuels suitable for use in closed appliances.**

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

Do not load fuel above the log guard and the secondary combustion inlets at the back of the firebox.

See Diagram 7

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 and 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 high output for a short period each day to avoid large build-ups of tars and creosote 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 firebricks
- Short life span for grate, baffles and internal firebricks
- Permanent staining of glass

6.3 Air inlets puffing smoke

Combustion gases 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, 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 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:

- Trees or other buildings nearby causing turbulence
- High and gusty winds
- Outside temperature
- Outside weather conditions
- Incorrect additional ventilation to building
- Blocked flue / chimney

For advice on the correction of persistent flue problems consult a qualified solid fuel 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.

7. OUTSIDE AIR KIT

7.1 This appliance can be fitted with an optional kit to help bring air directly into the appliance from outside. For installation and operating procedures you must refer to the instructions supplied with the kit.

USER INSTRUCTIONS

8. ASH REMOVAL

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

8.1 Wood:

Wood burns best on a bed of ash.

Open Doors.

Rake the embers evenly over the fire bed taking care not to damage the bricks.

De-ash at least once a week.

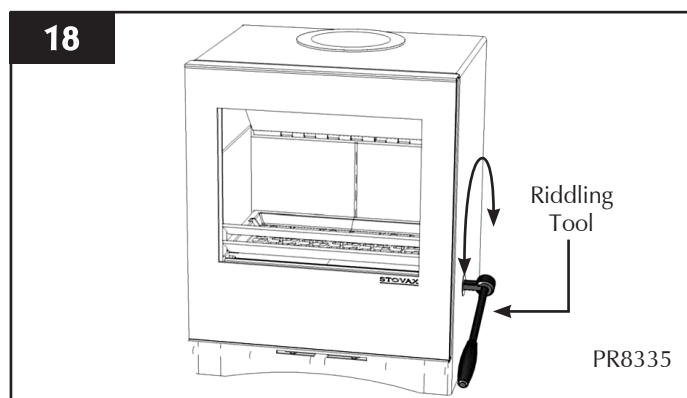
Leave a thin layer of ash to start the new fire on.

8.2 Solid 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 the appliance:

Insert the Riddling tool into the socket as shown in Diagram 18.



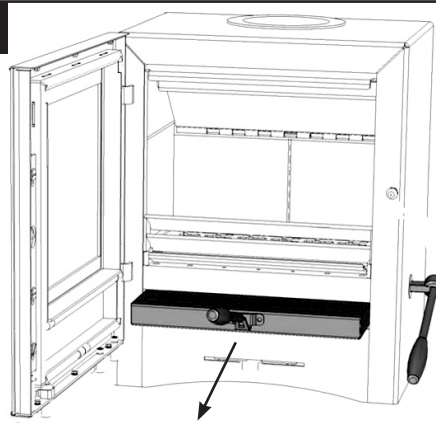
Rotate the Riddling tool vigorously backwards and forwards. The ash falls into the ashpan.

8.4 Open the door:

Check and remove ash as required when burning solid fuel.

Remove Ashpan carefully using tool supplied. Heat can remain long after use, Diagram 19.

19



Use gloves to safely transport the ash outside. Place the ash into a Stovax Ash Caddy (Stovax Part No. 4227).

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

9. EXTENDED BURNING

- 9.1 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 blacken the glass but it will clear when operated at high output for a short period.

Use smokeless fuel or small, thick logs depending on fuel desired.

10. OVER-FIRING

- 10.1 Do not over-fill with fuel or use at maximum output 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 output.

- 10.2 Over-firing can cause permanent damage to the appliance.

11. CHIMNEY FIRE

- 11.1 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.

- 11.2 **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.

USER INSTRUCTIONS

b) The chimney system is inspected and swept by a chimney sweep, confirming the system is structurally sound and free from obstruction before re-use.

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

12. GENERAL CLEANING

- 12.1 Clean and inspect your 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.

Remove the ash completely, *See Section 8.*

Check the internal components for damage, grates, bricks and baffles. Do not use the appliance if any parts are broken or damaged.

Check for obvious build up of soot, any ash or debris above the flue baffle(s). 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 Section 14.*
Remove the baffles and clear the debris, *See Section 5 Installation Section.*

Check that the door(s) shut properly and creates an effective seal.

Leaking door seals prevent the appliance working properly.

Do not use aerosol sprays near an operating appliance

13. CLEANING GLASS

Keep the glass clean with correct use of the Air control system and good quality fuel.
Sometimes additional cleaning may be required.

- 13.1 This can be done as follows:
Allow appliance to cool fully.
Do not clean hot glass.
Use a soft cloth and Stovax Glass Cleaner.
- 13.2 Before re-lighting the appliance:
Dry the glass fully.
- 13.3 **Do not use abrasive cleaner or cleaning pads.**

14. CHIMNEY SWEEPING

- 14.1 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.

This applies even if burning smokeless fuels.

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

15. 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.



16. SEASONAL USE

- 16.1 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
- 16.2 Set the air controls 50% open to keep the appliance ventilated and stop the build-up of any moisture inside.
- 16.3 Before re-lighting the appliance:
- Remove the baffles
 - Clear any debris that may have accumulated
 - Check the flue is clear of any blockages

USER INSTRUCTIONS

17. TROUBLESHOOTING TIPS

17.1 Stove glass blackening:

This has four possible causes:

1. **Incorrect use of airwash** – See Sections 1, 4 and 5 for the correct use of the air controls.
2. **Burning unseasoned wood** – See Section 3 to identify when wood is ready for burning.
3. **Stove operated at too low a temperature** - good working temperature is 300-500° F (120 – 250° C). A stove pipe thermometer can identify this problem (Stovax part no 3046)
 - Burn with the air slider control fully open for approximately 20 minutes to cure this
 - The problem may be caused by damping your appliance down overnight.
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 or needs lining or has too many bends. This can also cause blackening of your stove glass. Contact the installer or a flue specialist for advice.

17.2 Riddling mechanism jamming:

This occurs when fine ash builds up under the riddling bars preventing movement. To prevent this:

- Follow a regular cleaning routine for the inside of your appliance
- Lift out the riddling mechanism and remove all ash
- Replace riddling mechanism when cleaning is complete

17.3 Glass cracking:

Do not over tighten the nuts on the glass clamps (top and bottom) when replacing the glass as this causes stress and the intense temperature changes can cause the glass to crack. For replacement glass contact your local Stovax dealer.

17.4 Appliance is producing tar:

This is identified by:

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

This is caused by burning damp wood and burning your appliance at too low a temperature;

- Use well seasoned wood and operate the appliance in the ideal temperature range

Tar is a major cause of chimney fires - if you experience problems with tar build up consult a chimney sweep before continued use of your appliance.

Ideal working temperature range is 120°C and 250°C (370°F – 500°F). Failing to reduce the air control once the appliance has heated up to this range may cause the appliance to over-fire and to exceed the ideal temperature range. Over-firing can cause permanent damage to the appliance and invalidates your warranty.

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

TECHNICAL SPECIFICATION

RIVA APPLIANCE

MODEL:			Riva Vision Small - RVN-SMW/RVN-SMM	Riva Vision Midi - RVN-MIDW/ RVN-MIDM	Riva Vision Medium - RVN-MEDW/ RVN-MEDM
Riva Vision Small - RVN-SMW/RVN-SMM Riva Vision Midi - RVN-MIDW/RVN-MIDM Riva Vision Medium - RVN-MEDW/RVN-MEDM					
Nominal Heat Output	Wood	kW	5.0	6.5	8.0
	Solid Fuel	kW	5.0	6.5	9.0
Flue Draught at Nominal Heat Output	All	mm Wg	1.5	1.5	1.5
		inch Wg	0.05	0.05	0.05
		Pa	12.5	12.5	12.5
Flue Gas Mass Flow	Wood	g/s	4.8	7.1	7.1
	Solid Fuel	g/s	3.5	4.5	4.4
Flue Gas Temperature at Spigot / Socket	Wood	°C	346	367	367
	Solid Fuel	°C	346	367	367
Flue Outlet size (Top/Rear Option)		mm	128	128	153
		inch	5	5	6
Weight		Kg			
Recommended Fuels	Wood	Seasoned wood (less than 20% moisture content)			
	Solid Fuel	Briquette smokeless fuel suitable for closed appliances (Ancit-Phuracite-Taybrite-Homefire Ovals)			
As tested to the requirements of EN 13240 for intermittent operation					

1. STANDARD FEATURES

- Primary air
- Airwash
- Secondary air (to ensure complete burning of flue gases)
- Riddling grate system for clean de-ashing[†]
- Top or rear flue exit option

2. PACKING LIST

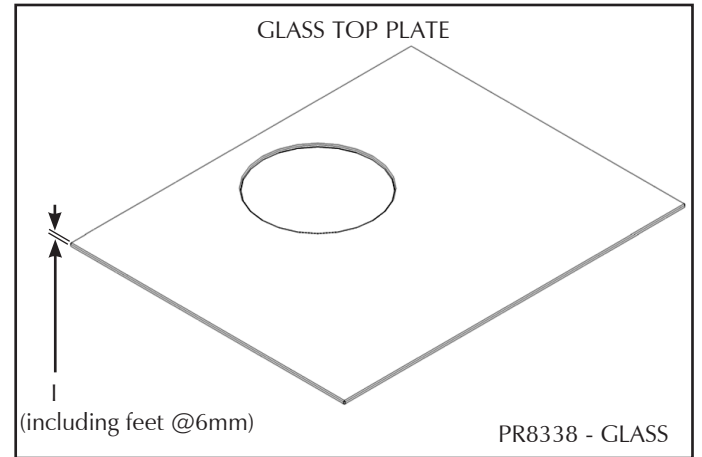
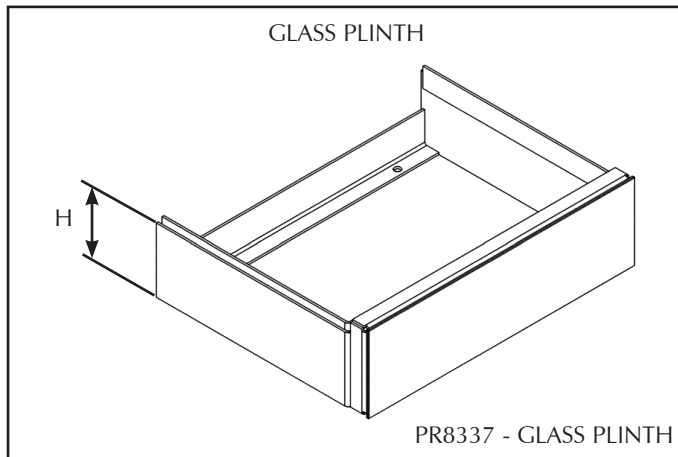
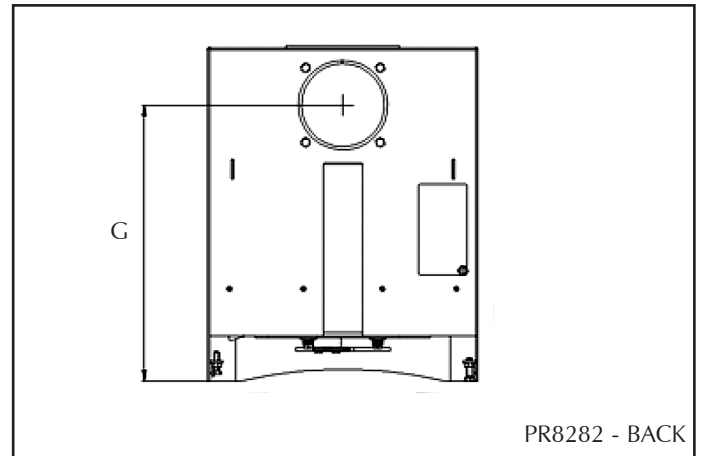
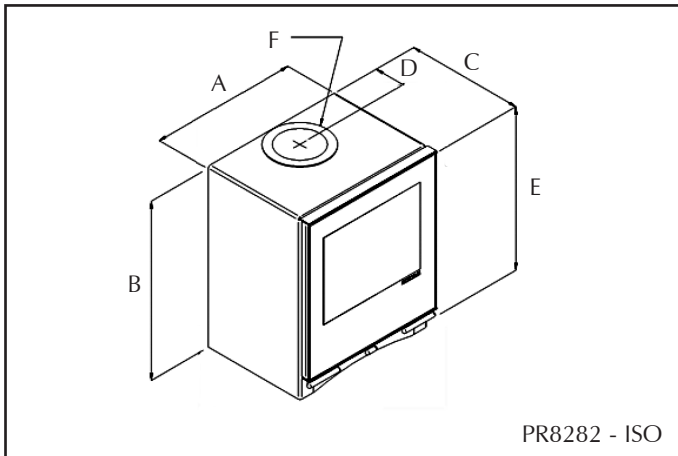
- Instructions
- Guarantee card
- Control card
- Accessories Catalogue
- Gloves
- Blanking Plate
- Flue Ring
- Ash Cover*
- Ash Pan Tool[†]
- Riddling Tool[†]

* Wood Only

[†] Multi-fuel Only

SITE REQUIREMENTS

RIVA DIMENSIONS



Description	A	B	C	D	E	F (dia)	G	H	I
Riva Vision Small	371	474	329	109	441	128	385	50	10
Riva Vision Midi	416	513	350	109	470	128	425	100	10
Riva Vision Medium	525	600	368	122	553	153	496	150	10

All dimensions in mm. (25.4 mm = 1")

SITE REQUIREMENTS

1. FLUE OR CHIMNEY

Installation must comply with AS/NZS 2918:2001

- 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 You must check the following:

- 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, a maximum of 4 bends with angles of less than 45 degrees
- 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 appliance is believed to have previously served an open fire the chimney must be swept a second time within a month of regular use after installation to clear any soot falls that may 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 over 230mm square.

- 1.4 You must provide suitable access to enable the collection and removal of debris.
- 1.5 You must sweep and inspect the flue when the appliance is installed.
- 1.6 You must check the flue draught 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

WARNINGS:

WARNING: THE APPLIANCE AND FLUE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS2918 AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OR CODES.

CAUTION: MIXING OF APPLIANCE OR FLUE SYSTEM COMPONENTS FROM DIFFERENT SOURCES OR MODIFYING THE DIMENSIONAL SPECIFICATION OF COMPONENTS MAY RESULT IN HAZARDOUS CONDITIONS.

WHERE SUCH ACTION IS CONSIDERED, THE MANUFACTURER SHOULD BE CONSULTED IN THE FIRST INSTANCE.

CAUTIONS: CRACKED AND BROKEN COMPONENTS, e.g. GLASS PANELS OR CERAMIC TILES, MAY RENDER THE INSTALLATION UNSAFE.

WARNING: DO NOT USE FLAMMABLE LIQUIDS OR AEROSOLS TO START OR REKINDLE THE FIRE.

WARNING: DO NOT USE FLAMMABLE LIQUIDS OR AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHEN ITS OPERATING.

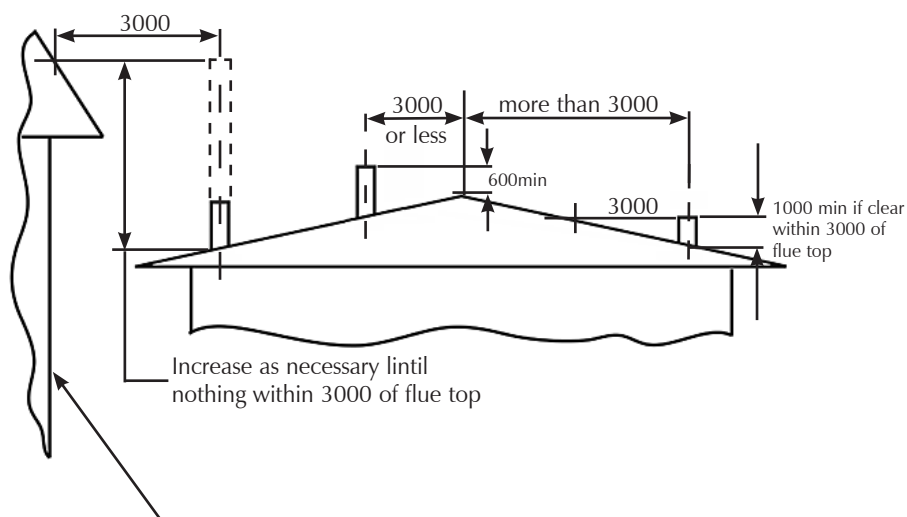
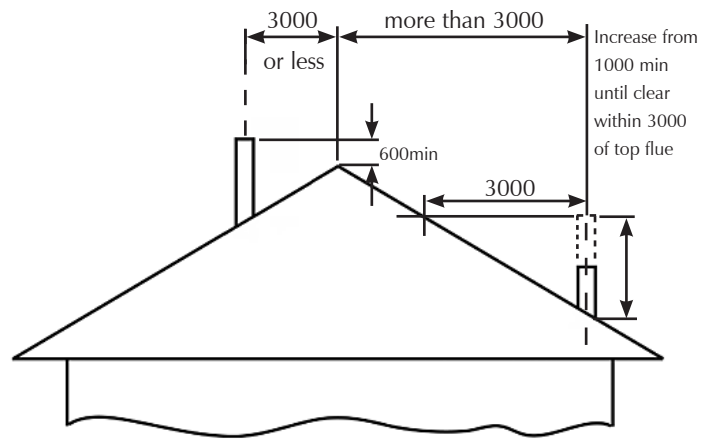
WARNING: DO NOT STORE FUEL WITHIN HEATER INSTALLATION CLEARANCES.

CAUTION: THIS APPLIANCE SHOULD BE MAINTAINED AND OPERATED AT ALL TIMES IN ACCORDANCE WITH THESE INSTRUCTIONS.

CAUTION: THE USE OF SOME TYPES OF PRESERVATIVE-TREATED WOOD AS A FUEL CAN BE HAZARDOUS.

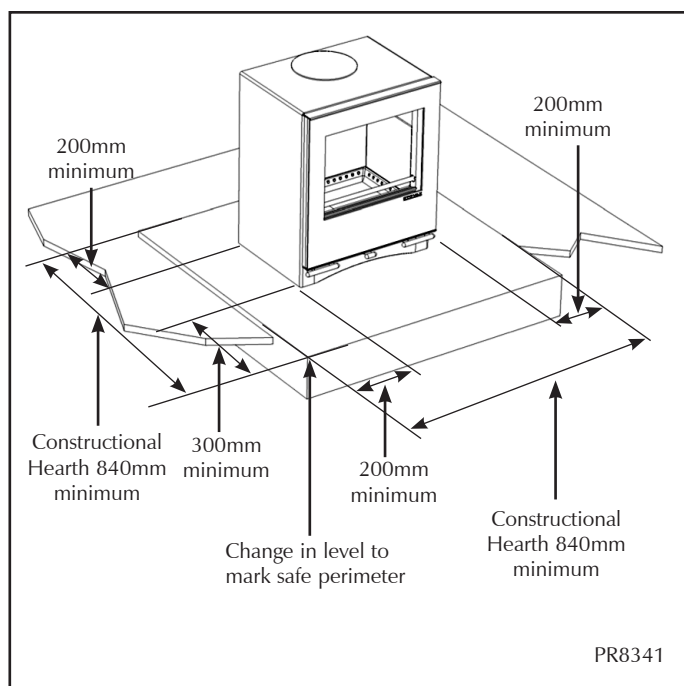
SITE REQUIREMENTS

1. FLUE OUTLET POSITIONS



SITE REQUIREMENTS

2. HEARTH DIMENSIONS



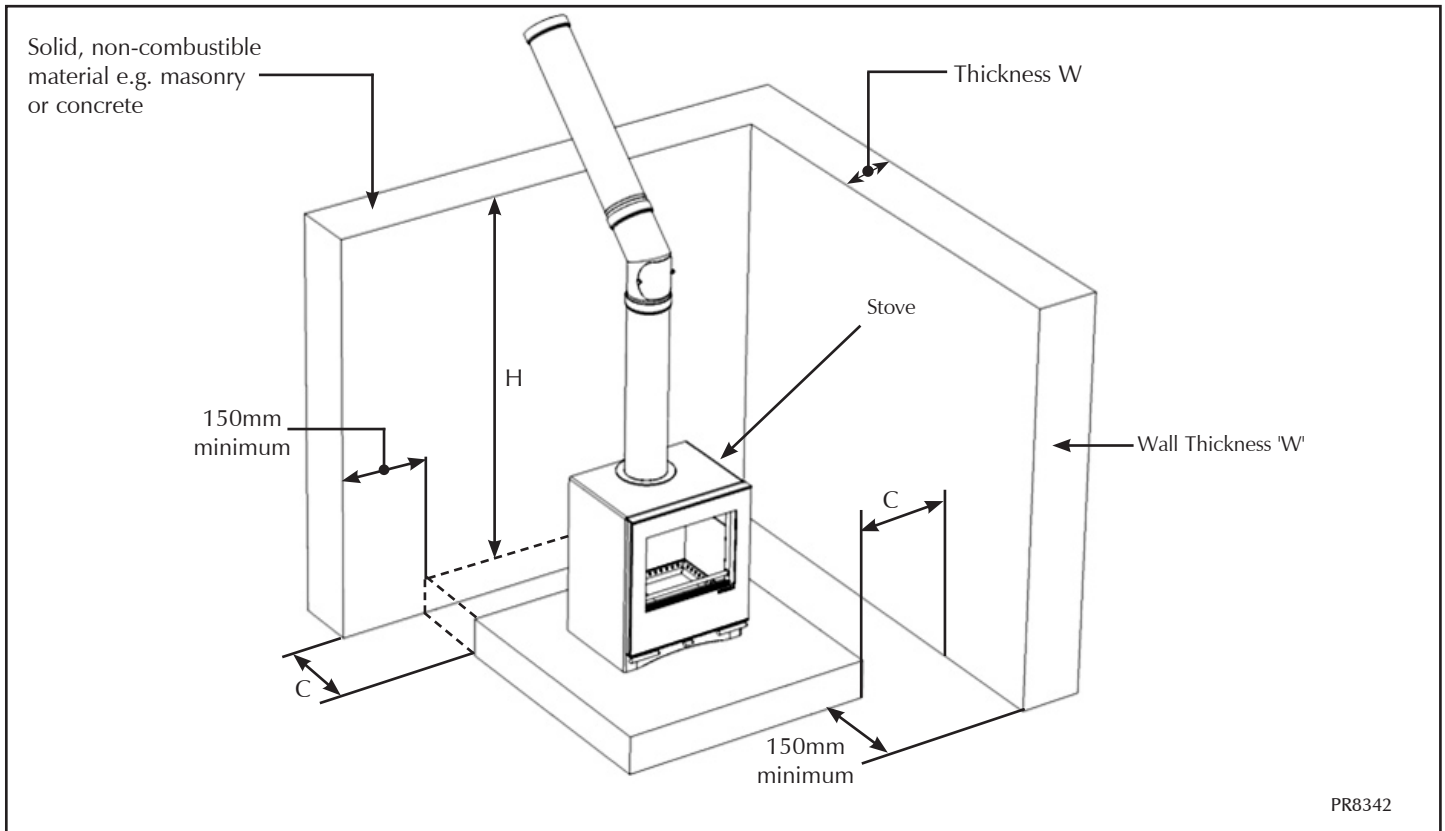
Floor Protector must comply with AS/NZS 2918:2001 Section 3.3.2.

- 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 can be installed in an elevated setting it is recommended to increase the 300mm 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.
- 2.2 The building must have a suitable load-bearing capacity for the hearth and appliance.
Consult a structural engineer for advice before proceeding.
- 2.3 When fitting into an existing hearth check:
That the appliance complies with current construction regulations and is at least the minimum sizes shown.
- 2.4 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

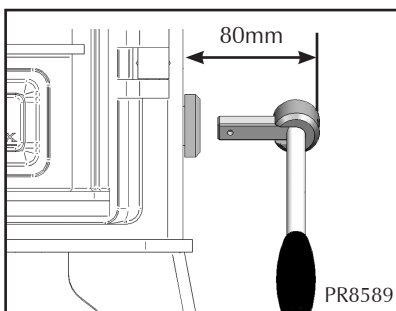
3. WALLS NEXT TO A HEARTH



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.



Note:

When installing a Multi-fuel appliance a minimum gap of 80mm must be left on the Right Hand Side so that the riddling tool can be comfortably engaged in the socket.

PRE-INSTALLATION CHECKS

1. FLUE

MODEL: Riva Vision Small - RVN-SMW/RVN-SMM Riva Vision Midi - RVN-MIDW/RVN-MIDM Riva Vision Medium - RVN-MEDW/RVN-MEDM			Riva Vision Small - RVN-SMW/RVN-SMM	Riva Vision Midi - RVN-MIDW/RVN-MIDM	Riva Vision Medium - RVN-MEDW/RVN-MEDM
Flue/Chimney Size	With liner or Factory made system (diameter) installed in accordance with manufacturer's instructions	mm	†150	150	150
		inch	†6	6	6
Flue/Chimney (*minimum height)	All products	metre	4.5	4.5	4.5
		feet	15	15	15
* When measured from the top of the stove to the top of the flue, with no horizontal sections and a maximum of 4 bends with angles of less than 45°					

- Install first length of flue pipe crimped end down, inside gather collar.
- Rivet flue pipe in 3 places around gather collar.
- Place bottom flue spider bracket around gather flue pipe collar, secure in position by tightening up coach bolt/screw (supplied).
- Install second length of the flue pipe crimped end down and fix by riveting in at least 3 places around the flue pipe joint.
- Install first length of the flue pipe casing by positioning on installed bottom flue spider bracket crimped end up.
- Position flue spacer at the flue pipe joint.
- Repeat steps 1 - 4 to the required flue height.

As per AS/NZS2918:2001:

- “The flue pipe shall extend not less than 4.6m above the top floor protector.”
- “The minimum height of the flue system within 3m distance from the highest point of the roof shall be 600mm above that point.”
- “The minimum height of a flue system further than 3m from the highest point of the roof shall be” a minimum “1000mm above roof penetration.”
- “No part of any building lies in or above a circular area described by a horizontal radius of 3m about the flue system exit.”

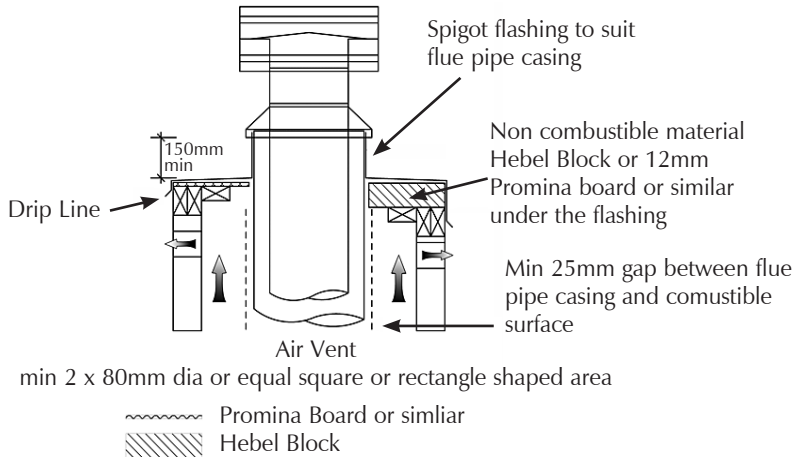
- The last length of flue pipe needs to extend past the flue pipe casing by at least 150mm or flush with the top of the casing cover spigot when fitted - sizing/measuring and cutting down should be carried out prior to the flue pipe casing being fitted over the flue pipe.
- Before fitting casing cover, place the spider in opposition with the spider post facing down between the flue pipe and flue pipe casing.
- Secure spider in position.
- Place the casing cover over the flue pipe, press down firmly onto the spider.
- Check airway around the casing cover is clear, then secure in position using three stainless steel rivets.
- Fit cowl to top of flue - DO NOT RIVET IN POSITION. In high wind areas, it is recommended that the cowl be secured in position with a stainless steel self tapping screw, this will enable the cowl to be removed for cleaning.
- Discuss Bird Proofing needs with your installer.

N.B. in extreme wind areas it may be necessary to consult The Fireplace Ltd or your local agent for further technical assistance Ph: 0800 843 3473.

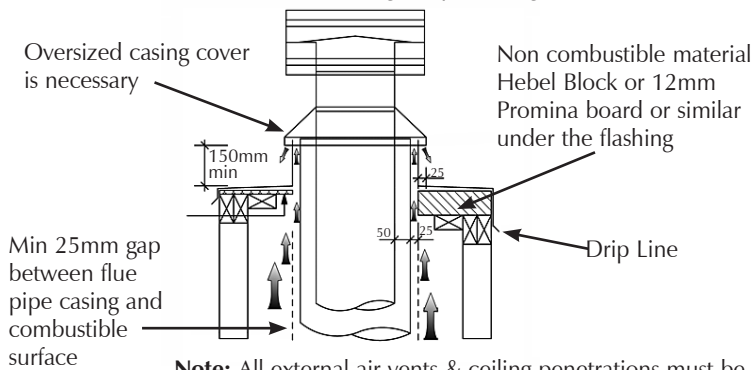
- If flue is concealed in a chase, allow for air vents (2 x 80mm diam. or equivalent) at the highest possible point on the chimney chase or alternatively, allow a min 25mm air space between the casing cover spigot and the outer casing.

PRE-INSTALLATION CHECKS

Air Ventilation Through Chimney Chase

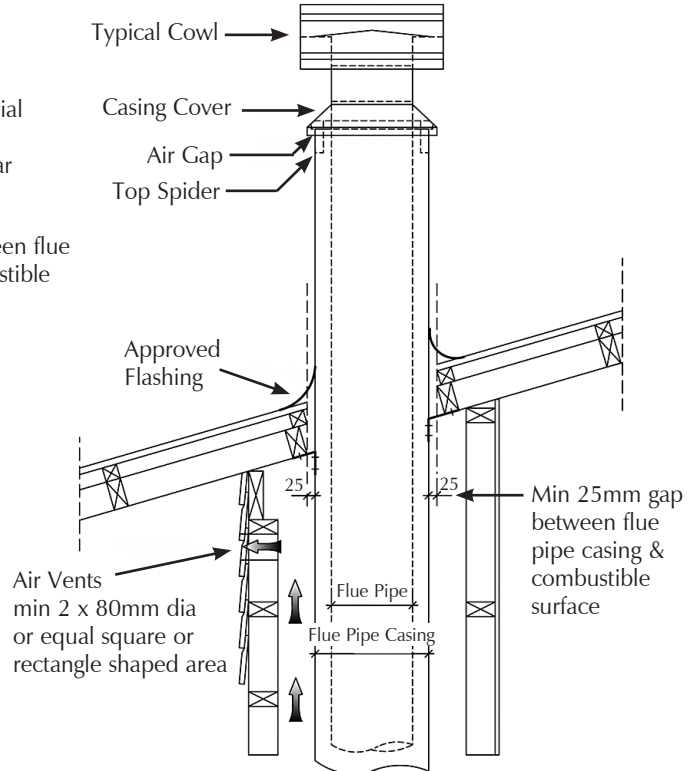


Air Ventilation Through Top Flashing



Note: All external air vents & ceiling penetrations must be bird & rodent proofed with permanently fixed screens

External Requirements
Refer to AS/NZS2918:2001;4.9.1



2. ADDITIONAL VENTILATION

2.1 Additional ventilation is required to comply with the requirements of the 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 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.

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

MODEL: Riva Vision Small - RVN-SMW/RVN-SMM Riva Vision Midi - RVN-MIDW/RVN-MIDM Riva Vision Medium - RVN-MEDW/RVN-MEDM		Riva Vision Small - RVN-SMW/RVN-SMM	Riva Vision Midi - RVN-MIDW/RVN-MIDM	Riva Vision Medium - RVN-MEDW	Riva Vision Medium - RVN-MEDM
Additional Ventilation	mm ²	NONE	825	1650	2200
	cm ²	NONE	8.25	16.5	22.0
	in ²	NONE	1.28	2.56	3.41

The Fireplace Ltd specifies that allowances **MUST** be made for air replacement vents to be located near the fireplace, to aid combustion.

A minimum of one pair of air vents is recommended or one large vent.

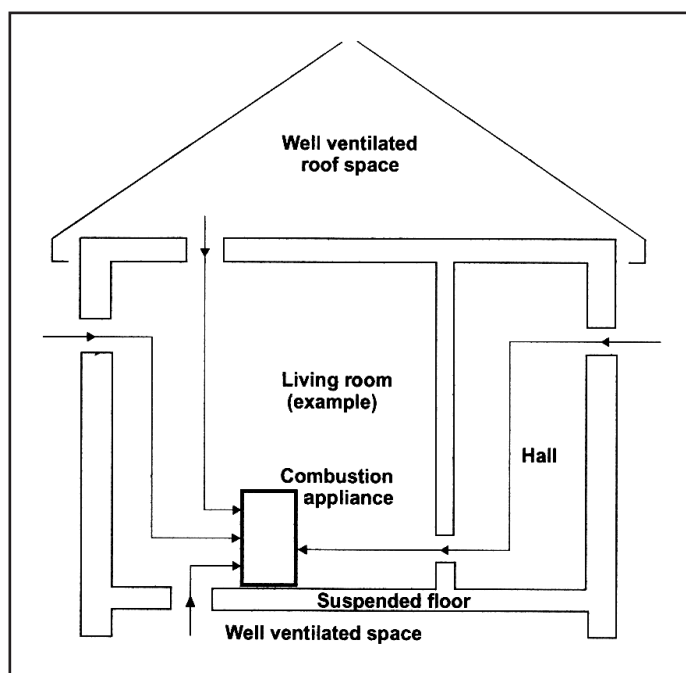
Allowance to be made for minimum 2 inlet ducts from outside to internal vent location.

Note: DO NOT USE FIREPLACE CAVITY VENTILATION AS A METHOD OF AIR REPLACEMENT.

PRE-INSTALLATION CHECKS

3. VENTILATION

- 3.1 This appliance requires ventilation to supply combustion air. Any room containing the appliance must have a permanent air vent opening with a total free area of at least 550mm^2 per kW of appliance rated output above 5kW.
- 3.2 Increase air supply provisions where a room contains multiple appliances.
- 3.3 If vents open into adjoining rooms or spaces there must be an air vent of at least the same size direct to the outside.
- 3.4 Permanent air vents should be non-adjustable and positioned where they are unlikely to become blocked.
- 3.5 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.
- 3.6 If the appliance has a nominal input not exceeding 5.0 kW therefore it does not normally require any additional permanent ventilation. If, however, spillage is detected when commissioning the fire, there may be insufficient natural ventilation and additional ventilation may be required.
- 3.7 This appliance can be fitted with an optional kit to help bring air directly into the appliance from outside. For installation and operating procedures you must refer to the instructions supplied with the kit.



INSTALLATION INSTRUCTIONS

LEGAL REQUIREMENTS

Installation must comply with AS/NZS 2918:2001

Before installation of this product please read these instructions fully.

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 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 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 you have installed a new heating appliance. 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.

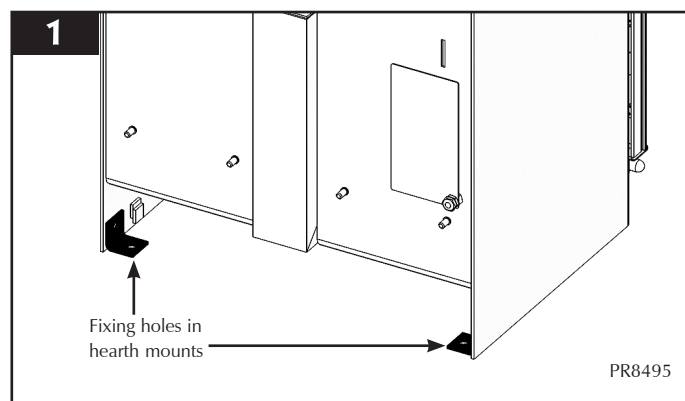
Many fireplace openings have a supporting lintel. Do not remove without supporting the remaining structure of the building. **Do not support the structure with the appliance or the flue system.**

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

- Select and fit the required flue option
Flue is to be fitted with flue shield 1200mm in height.

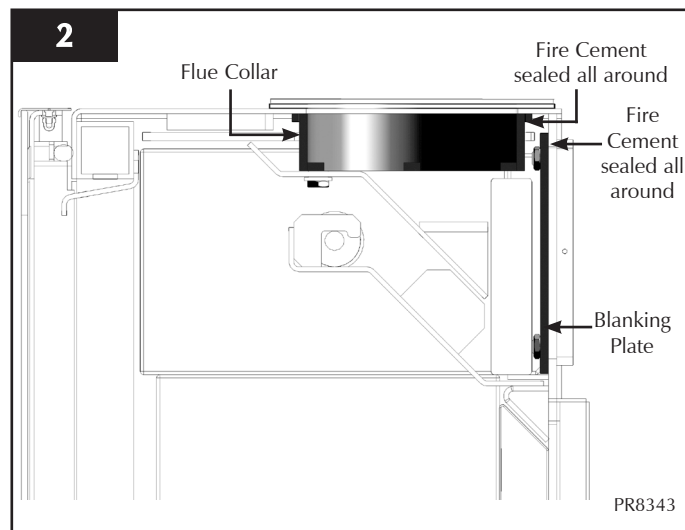
1.2 If the appliance is to be fixed to the hearth then use the hearth mount locking tabs shown, Diagram 1.

- Position the appliance where required on the hearth and mark the location of the two fixing holes in the hearth mounts
- Drill the required sized holes into the hearth
- Use suitable fasteners to fix in place



2. TOP FLUE INSTALLATION

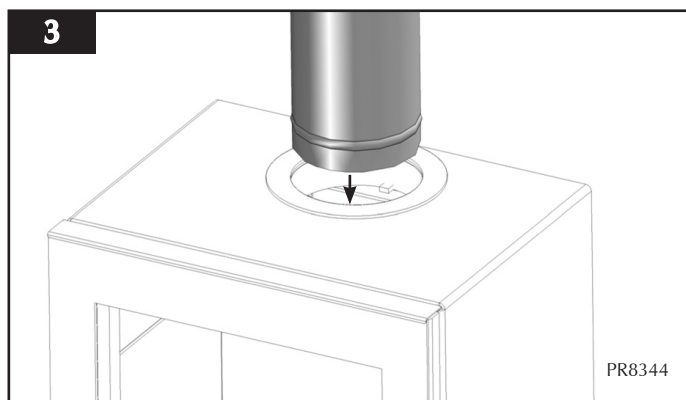
2.1 The appliance is factory supplied with a top flue outlet but the flue collar and blanking plate require sealing with Fire Cement before use, Diagram 2



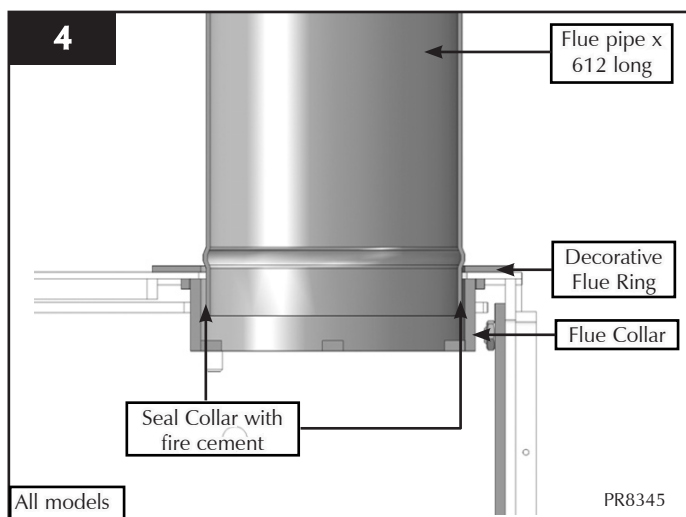
2.2 To fit the pipe to the collar:

- Lift appliance into position
- Take care not to damage the hearth finish
- Connect appliance to the chimney using flue pipe
- Seal the connecting joints

INSTALLATION INSTRUCTIONS

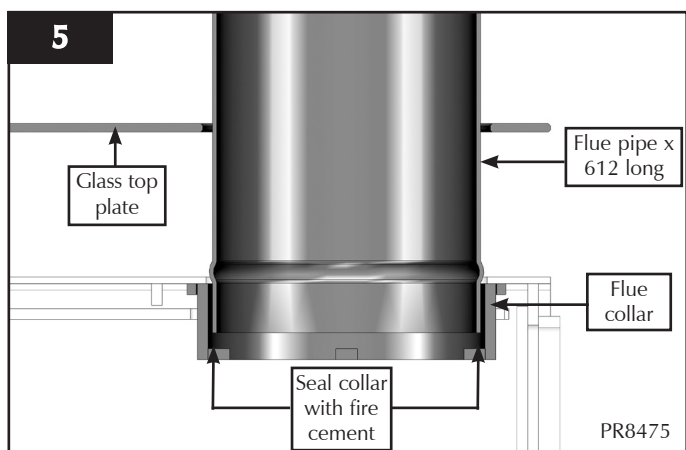


The Flue must be installed in accordance with manufacturers instructions.

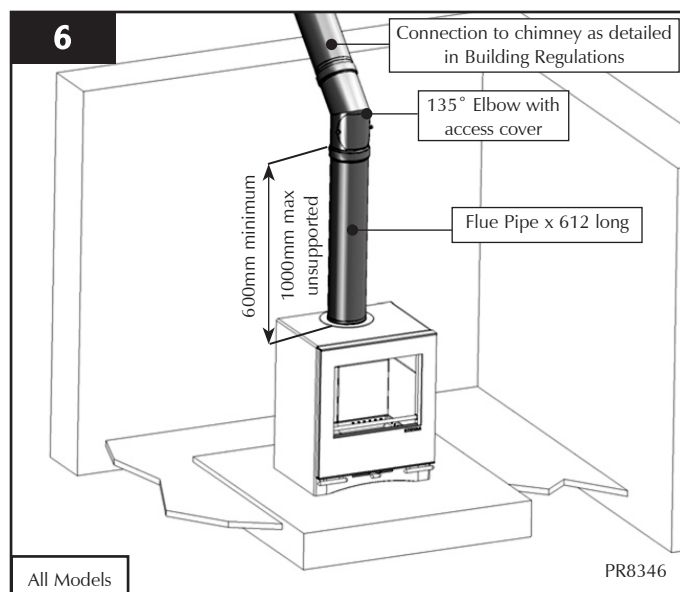


2.3 From the inside of the stove, place a generous amount of fire cement inside the flue collar. Place the decorative flue ring on the top of the appliance and line up with the flue hole. Insert the 612mm long flue pipe into the flue collar so the bulge is sitting on the decorative flue ring.

2.3 If a **glass top** is being fitted elevate the top plate whilst the flue pipe is sealed with fire cement. When complete lower the top plate onto the stove. The decorative ring is not required.



A Typical Top Flue Pipe Installation



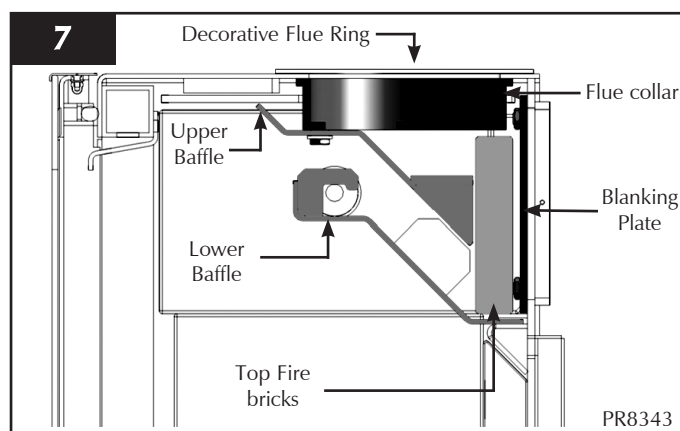
3. REAR FLUE INSTALLATION

Because the stove is supplied for top flue exit, you need to move the blanking plate to the top of the appliance and the fit the collar and flue pipe to the rear:

3.1 **Tools required - cross-headed screw driver, 13mm A/F spanner/socket wrench.**

3.2 To change from top to rear exit flue, reverse the flue spigot and blanking plate using the method detailed.

- Remove the upper and lower baffles, see Section 5
- Remove the top fire bricks, see Section 6

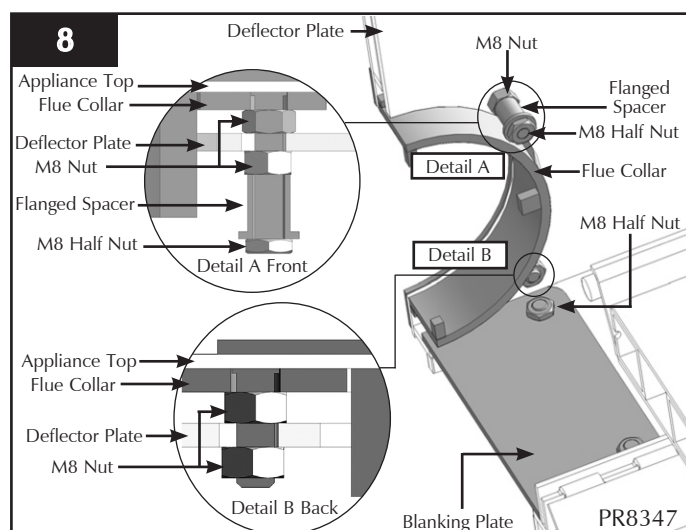


3.3 First remove the **deflector plate**.

- Use a 13mm A/F spanner/socket to remove 1 M8 half nut from each of the front two studs. The flanged spacer will drop down.

INSTALLATION INSTRUCTIONS

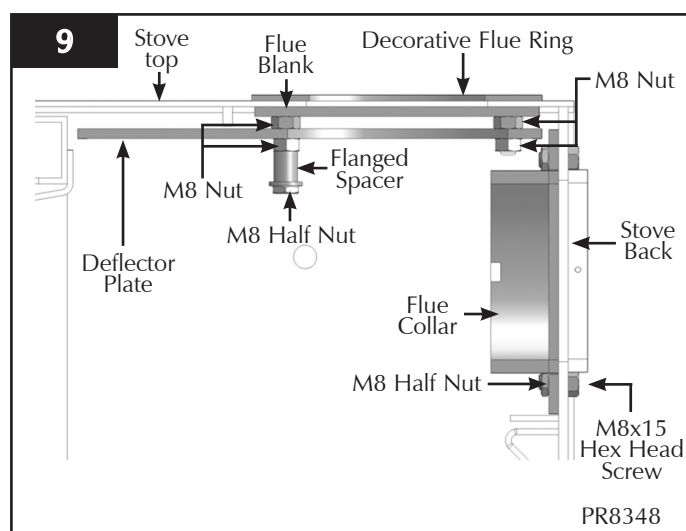
Remove a further M8 nut from each front stud, Diagram 8, Detail A Front.



- Remove 1 M8 nut from each of the rear studs using a 13mm A/F spanner/socket. The deflector plate will drop down inside the stove, Diagram 8, Detail B Back.

3.4 Remove the **blanking plate** using a 13mm A/F Spanner/Socket wrench to take off the 4 M8 half nuts from the inside back plate of the appliance. Withdraw the blanking plate from inside and remove the 4 M8x15 Hex head screws from the back of the appliance.

3.5 To remove the **flue collar** remove the 4 M8 nuts front and back. The collar will then drop down inside the appliance.



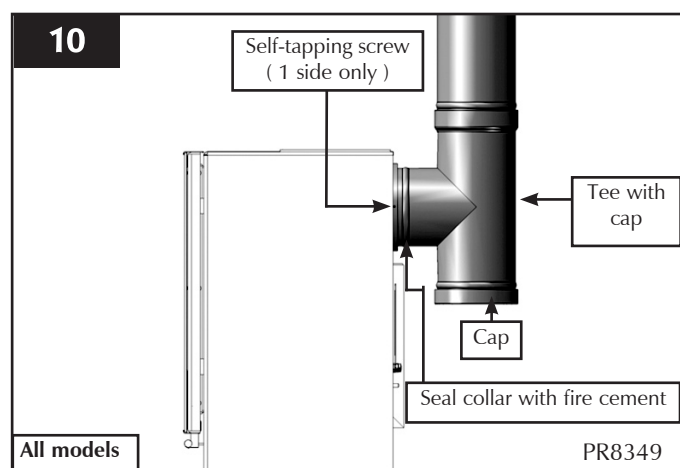
3.6 Fitting the flue collar and blanking plate for rear flue:

- Fit the blanking plate to the top flue outlet using 4 M8 nuts
- Seal to the firebox using fire cement, Diagram 2

- Slide the deflector plate through the 4 studs on the underside of the appliance top
- Line up with the flue hole and secure in position using 2 M8 nuts onto the 2 front studs (reverse of removal)
- Fit the flue collar to the rear flue outlet using the 4 bolts and half nuts from the cover plate
- Seal to the firebox using fire cement, Diagram 2
- Secure the deflector plate in position by fitting the two M8 Nuts onto the rear studs
- Slide the flanged spacers over the two front studs and secure tightly using 2 M8 half nuts
- Re-install top Fire bricks, See Section 6
- Re-install upper and rear baffle, See Section 5
- Fit the decorative flue cover over the flue hole

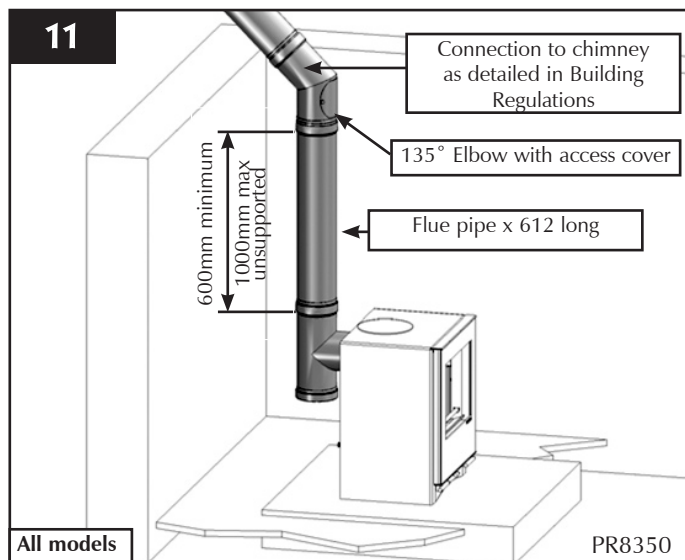
3.7 The following flue pipe is available to ensure safe installation:

5" Tee	Stovax Product Code 4516
6" Tee	Stovax Product Code 4616
5" 135° Bend	Stovax Product Code 4512
6" 135° Bend	Stovax Product Code 4512
5" Flue Pipe x 612mm long	Stovax Product Code 4501
6" Flue Pipe x 612mm Long	Stovax Product Code 4601



3.8 Typical rear Flue Pipe Installation

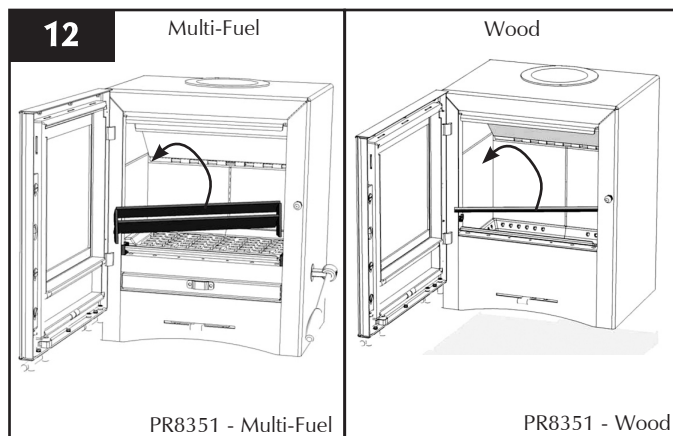
INSTALLATION INSTRUCTIONS



4. REMOVAL OF THE LOG GUARD

4.1 To remove the Log guard:

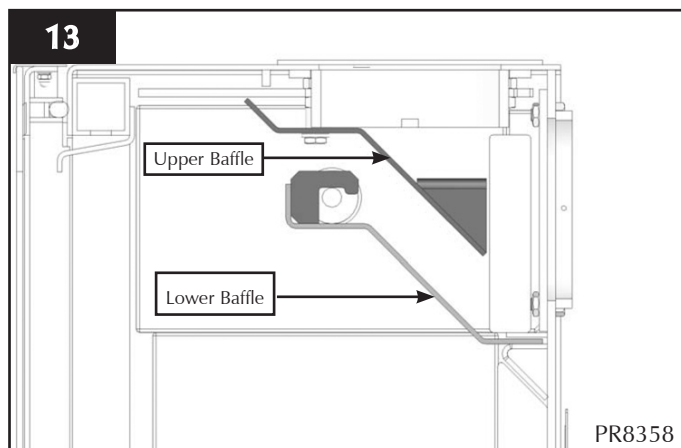
- Lift Log Guard clear of the supporting brackets
 - Rotate to clear the sides of the door opening.
- Do not use appliance without the log guard in position.**



5. FITTING AND REMOVAL OF THE BAFFLES

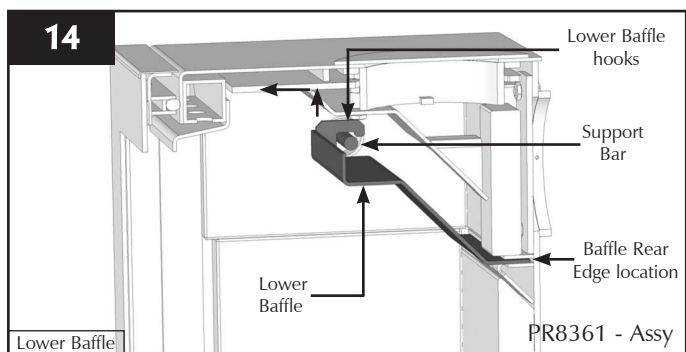
No tools are required.

- 5.1 To maintain efficient combustion the Riva Stove is fitted with a twin baffle system, consisting of an upper and lower baffle.
- 5.2 First remove the Log Guard from the stove to give access to the firebox, see Section 4.

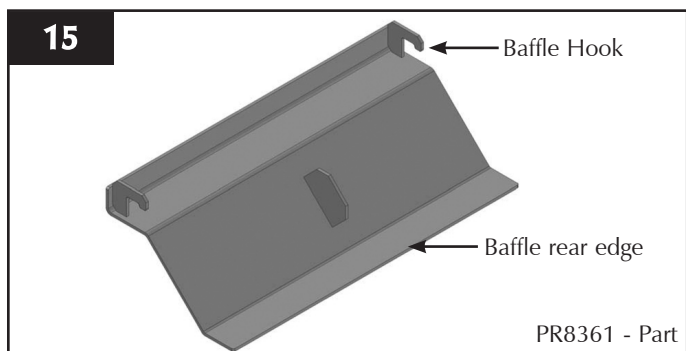


- 5.3 Remove the **Lower Baffle** (Diagram 14) by lifting the front edge to unhook it from the support bars on the appliance sides.

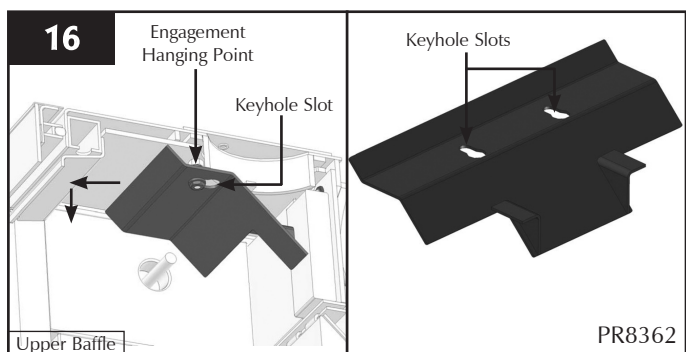
INSTALLATION INSTRUCTIONS



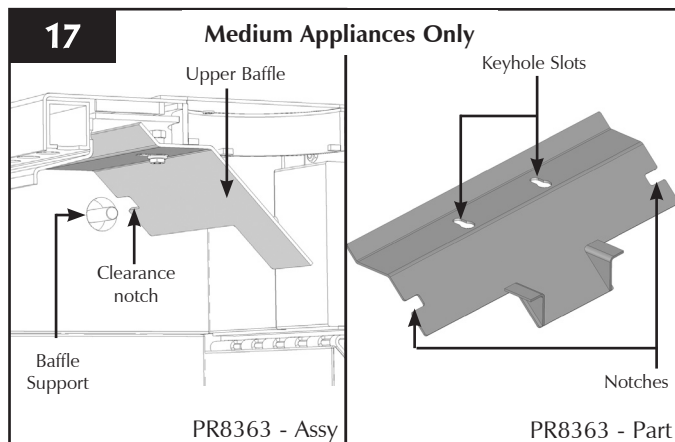
- Pull the baffle forward to disengage the rear edge from the location above the secondary air holes
- Rotate the baffle to remove from the firebox through the door opening.



- 5.4 Remove the **Upper Baffle** (Diagram 16 & 17) by pulling it forward to disengage from the hanging points at the top of the firebox. This enables it to drop down.
- Lift the baffle over the top of the support pins and rotate through the door opening



With the **medium sized** appliance notches have been added to allow it to drop straight down through the support bars, Diagram 17

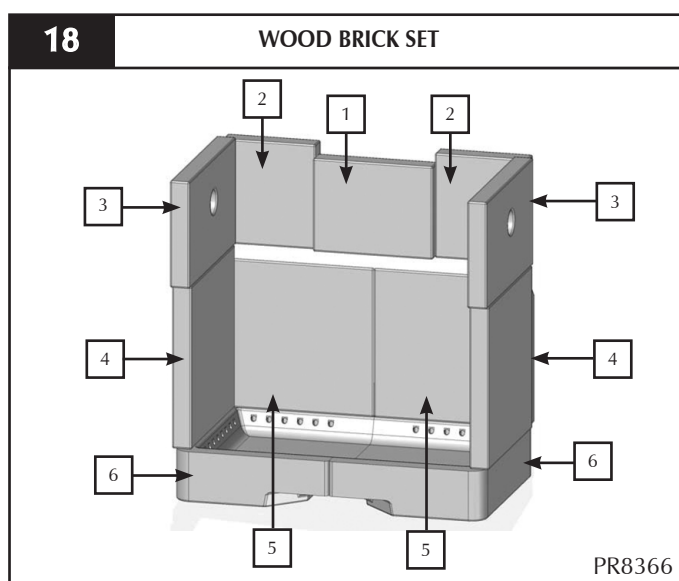


- 5.5 Reverse the above process to replace the baffles

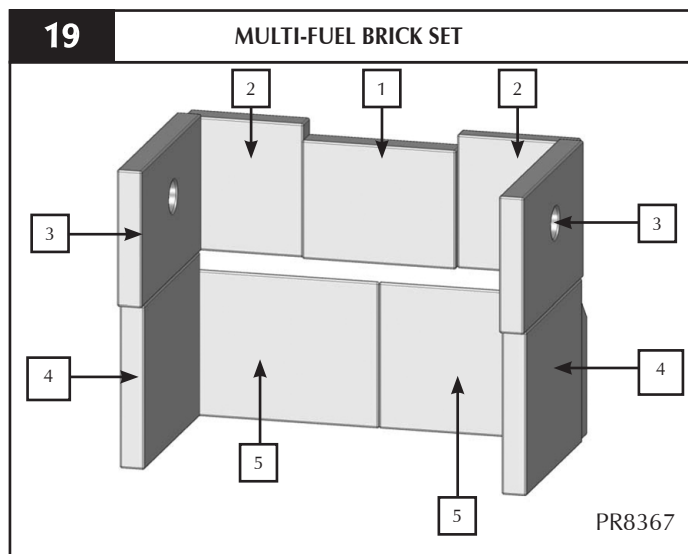
Do not modify the baffle

6. FITTING AND REMOVAL OF THE FIRE BRICKS

- 6.1 Remove the firebricks as part of the routine maintenance. This can be carried out without the use of tools.
- 6.2 Allow the appliance to cool fully before removing firebricks.
- 6.3 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
- 6.4 Remove the log bar and baffles, See Section 4 & 5
 - Remove the bricks in the correct order as shown in Diagrams 18 and 19



INSTALLATION INSTRUCTIONS

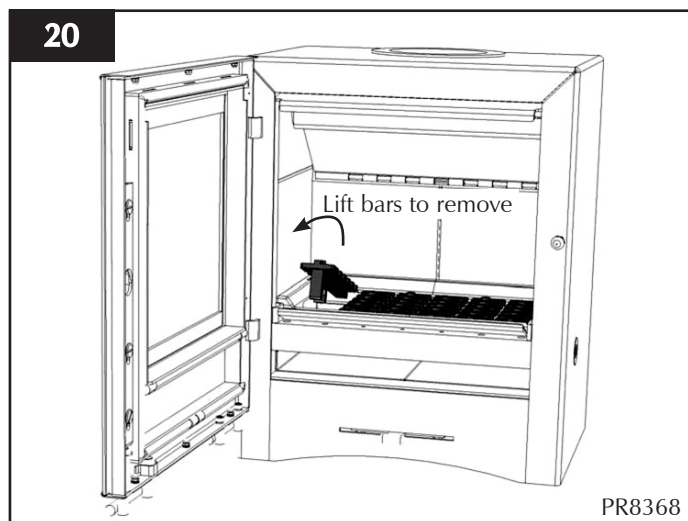


7. FITTING AND REMOVAL OF THE MULTI-FUEL GRATE

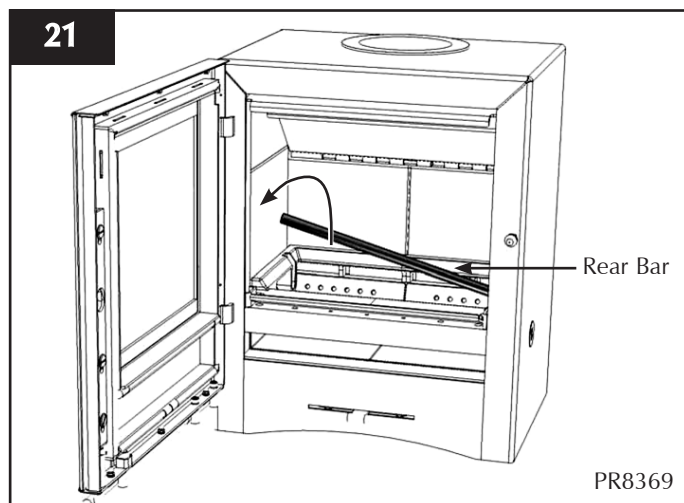
7.1 The Multi-fuel grate can be removed for cleaning to maintain good working condition.

To remove the grate:

- Remove the log guard to enable access, See Section 4
- Remove the ashpan, See User Section 8, Diagram 19
- Lift to remove the Riddling Bars, Diagram 20

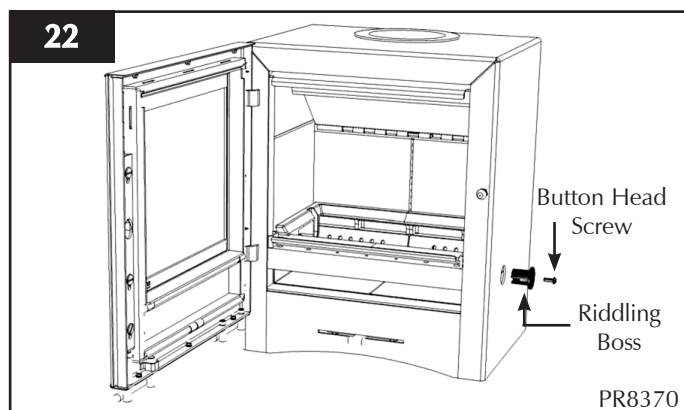


- Remove Rear Bar, Diagram 21

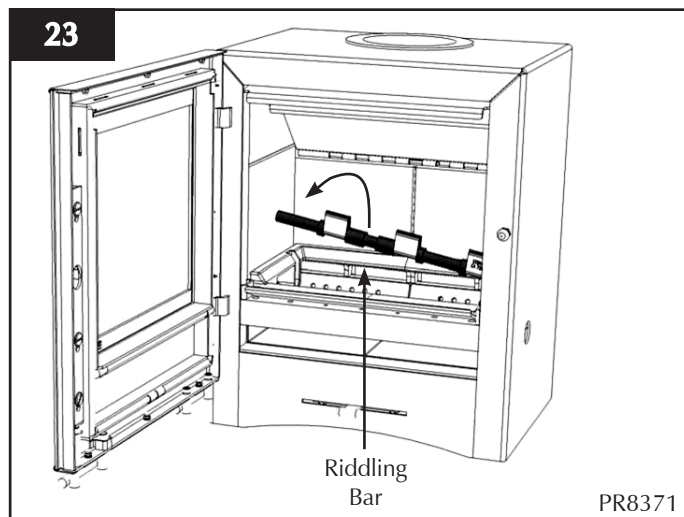


To remove the Riddling Boss:

- Use a 5mm Hex Key to loosen and remove the button head screw
- Remove the Riddling Boss



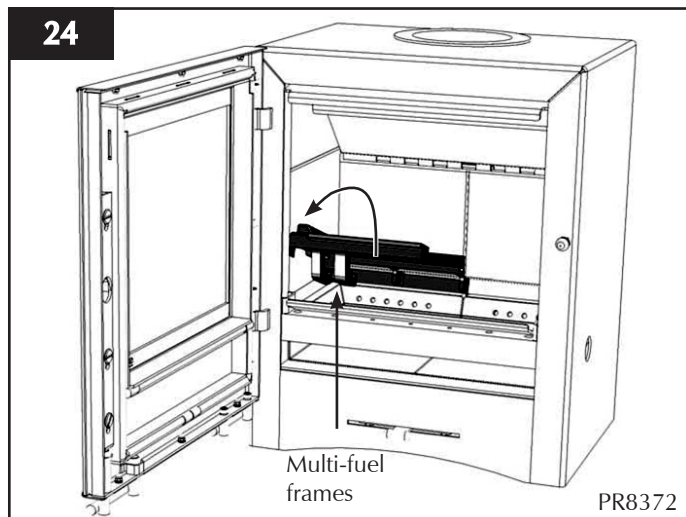
- Remove Riddling Cam Bar, Diagram 23



INSTALLATION INSTRUCTIONS

To remove Multi-fuel frames:

- Remove the baffles, see Section 5
- Remove the fire bricks, see Section 6
- Lift frames from the front
- Remove one side at a time by rotating through the front of the stove



- Replace in reverse order

8. OUTSIDE AIR KIT

- 8.1 This appliance can be fitted with an optional kit to help bring air directly into the appliance from outside. For installation and operating procedures you must refer to the instructions supplied with the kit.

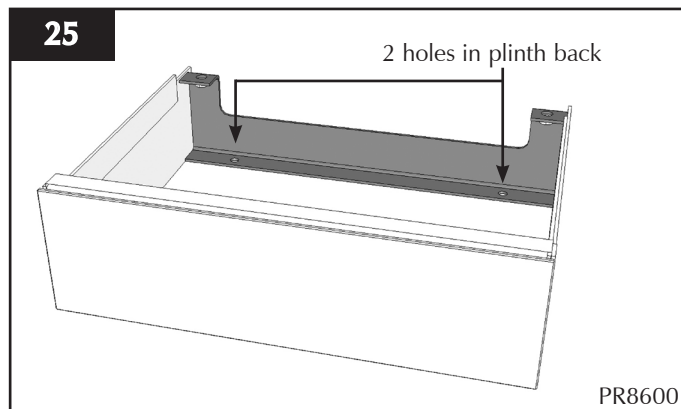
9. GLASS PLINTH

Model Number: RVN-SMPG, RVN-MIDPG, RVN-MEDPG

This appliance can be fitted with an optional plinth for decorative reasons.

- 9.1 To install the plinth:

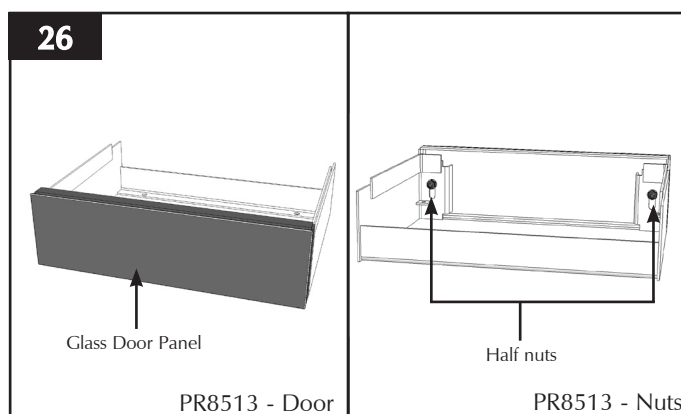
- Decide on the position of the appliance on the hearth
- Secure the plinth to the hearth using the 2 holes in the plinth back and suitable fasteners



- 9.2 The glass door panel can be adjusted in relation to the hearth.

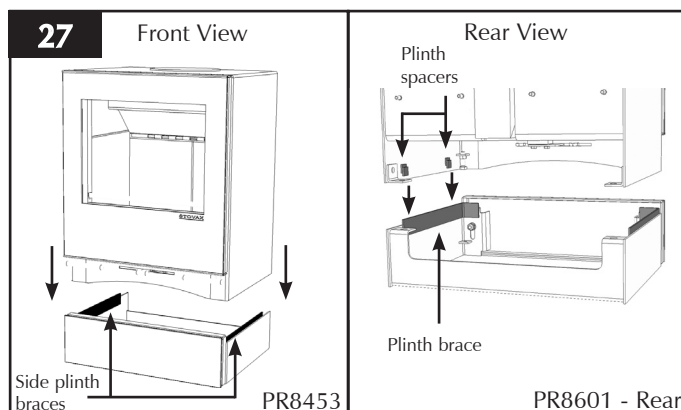
Once the door is lined up correctly:

- Tighten the two half nuts on the back of the door in two positions, Diagram 26



- 9.3 Lift the appliance onto the plinth

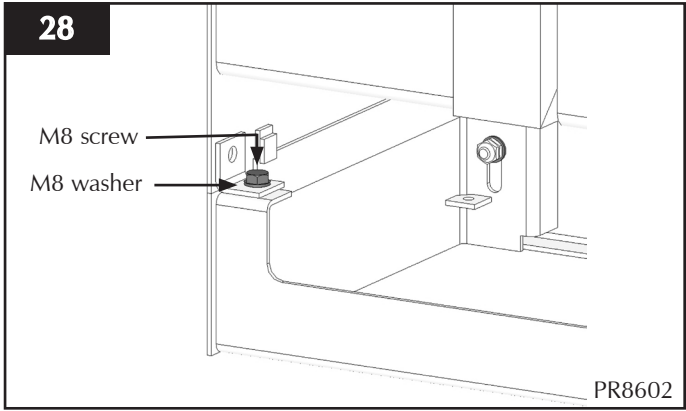
- Line up the 2 side plinth braces with the 4 plinth spacers (two each side) on the inside of the appliance



Ensure the sides and front of the appliance are sitting level and flush with the plinth.

INSTALLATION INSTRUCTIONS

9.4 Fix the stove to the plinth using the 2 x M8 screws and 2 x M8 washers provided.



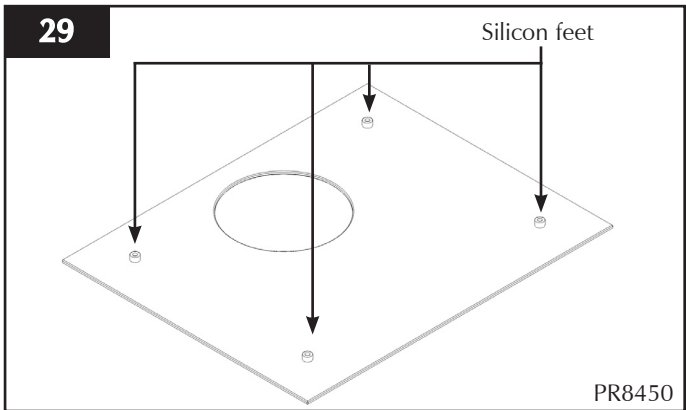
10. GLASS TOP

This appliance can be fitted with an optional glass top plate, the type of plate will depend on whether the appliance is installed with a top* or rear flue exit.

	Top Flue	Rear Flue
Small	RVN-SMGB	RVN-SMGBR
Midi	RVN-MIDGB	RVN-MIDGBR
Medium	RVN-MEDGB	RVN-MEDGBR

* The glass top must be fitted at the same time as the flue connection - Installation section 2, Diagram 5

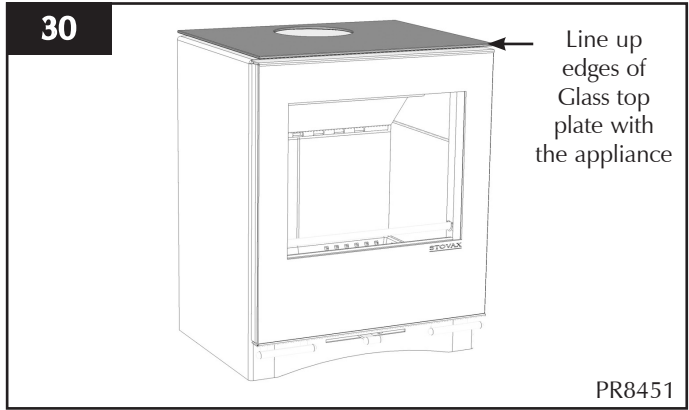
10.1 The glass top plate has 4 silicon feet on the bottom to space it off the top of the appliance by 6mm and allow the door to open freely.



10.2 Place the glass top plate feet down on top of the appliance.

- Line up the glass top flush with the front and sides of the appliance

For the top flue version position the hole cutout concentrically with the flue and flue ring.



COMMISSIONING

COMMISSIONING

1.1 To commission:

- Check the firebricks, baffle, and log retainer
- Check the door alignment and catch operation, adjust if required, see Maintenance & Servicing , Section 8. Adjusting Door hinges
- Check the soundness of door seals, Multi-fuel castings and joints
- Check the operation of the air control slider

1.2 Now carry out a final smoke draw test:

- First warming 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 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 to operating levels
- Ensure no combustion products enter the room
- Open the main fire door when the appliance reaches operating condition 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

1.7 Finally:

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

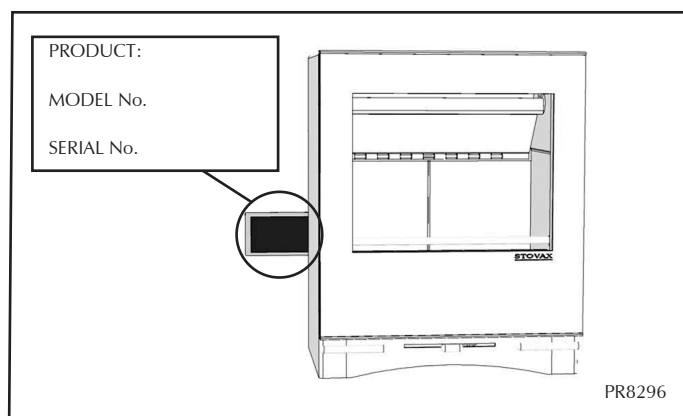
• All open flued appliances can be affected by temporary atmospheric conditions which may allow fumes to enter the house. Because of this it is recommended that an electronic carbon monoxide detector be fitted and maintained.

• **Explain the cleaning and routine maintenance requirements**

• **Record dealer/supplier details and installer details on page 3 of these *Instructions***

• **Record serial number in page 3 of *Instructions***

This number is required when ordering spare parts and making warranty claims, See Diagram below for Data Badge location



• **Give the copy of the *Instructions* to the customer**

MAINTENANCE and SERVICING

1. ANNUAL SERVICE

- 1.1 At the end of the heating season strip, inspect and clean the appliance as detailed:

- Allow appliance to cool

- Remove all of the following internal parts; logbar, baffle and firebricks. For Multi-fuel versions remove the complete grate and ash pan.

See sections 4 - 7 on how to remove the components. Take care handling firebricks, as they can become fragile after a period of use.

- Vacuum clean any remaining ash and debris from the inside of the appliance.

Stovax offer a filter/collection attachment for your vacuum cleaner to protect it 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 multi-fuel grate parts (where fitted) with a wire brush, and check the parts for any damage
- Replace any damaged parts
- Check and clean the firebricks with a soft brush
- Replace broken bricks

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. Damaged bricks should be replaced as soon as possible.

- Re-fit cleaned internal parts
- Remove the door rope seal from the internal channel of the door and clean the old glue from the door sealing rope channel
- 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, gluing it in place with Stovax Thermic Seal rope adhesive, See 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 Riva Midnight Black paint.

- 1.2 Use genuine Stovax replacement parts to keep your appliance in safe and efficient working order. Your local Stovax dealer can provide you with the parts you require.

This is a list of the maintenance products you may need to use

Task	Product name	Stovax Code Number
Glass cleaning	Stove glass cleaner 500ml (wipe on)	4111
	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)	RVAC011
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
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 your appliance in the best possible condition.

- 1.3 If you require more information about Stovax group products visit our web site www.stovax.com
- 1.4 Using the appliance for the first time:
- Burn at a low output for the first day of use
- 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 Section 4, *Installation Instructions*, to remove and replace the log guard.

MAINTENANCE and SERVICING

3. FITTING AND REMOVAL OF BAFFLE

- 3.1 See *Section 5, Installation Instructions*, to remove and replace the baffles.

4. REMOVAL OF FIRE BRICKS

- 4.1 See *Section 6, Installation Instructions*, to remove and replace fire bricks

5. REMOVAL OF MULTI-FUEL GRATE

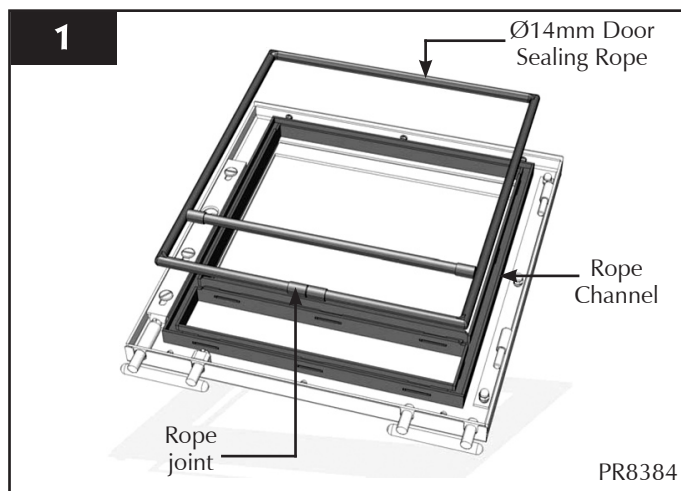
- 5.1 See *Section 7, Installation Instructions*, to remove and replace the multi-fuel grate.

6. FITTING A NEW DOOR GLASS ALL MODELS

- 6.1 To maintain the safe use of your appliance you may need to replace a damaged door glass.
- 6.2 If the door glass is damaged a replacement door will be required. Consult your local Stovax retailer for details.
- 6.3 Using the appliance with a 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

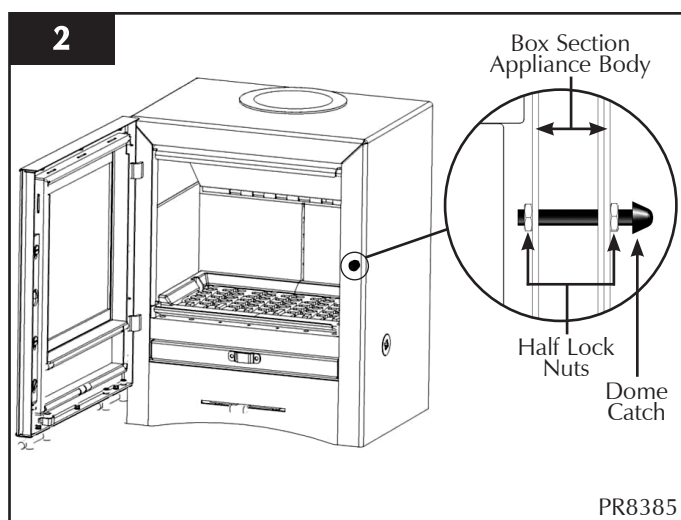
- 7.1 To maintain the safe use of your appliance you need to replace damaged or worn door sealing rope. To complete this operation:
- Remove the door from the appliance, by opening the door and lifting the door free of the hinge blocks on the left hand side of the door.
 - Lay the door face down on a soft flat surface, to protect the paintwork and glass
 - Remove the old rope and scrape old glue from the 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, see Diagram 1



- Refit the door and close the door to apply pressure to the new rope
 - Leave the appliance closed for at least 12 hours before lighting the appliance and using at a low output for approximately one day
- 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 catch and hinges to ensure the door closes safely and correctly.
- 8.2 To adjust the **Door Catch**:
- Open the door to gain access to the catch
 - Use a 13mm A/F spanner to loosen the half lock nuts either side of the box section in the appliance body
This will allow the dome catch to rotate in and out, Diagram 2

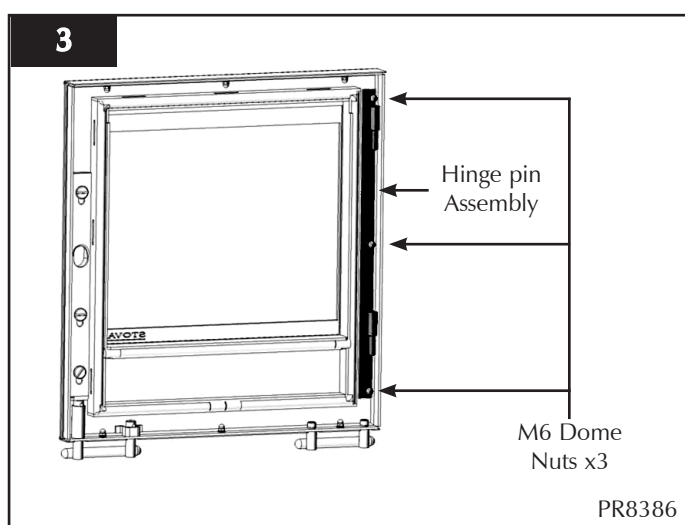


MAINTENANCE and SERVICING

Once the desired setting has been achieved ensure the lock nuts are tightened against the appliance body.

8.3 To adjust the **Door Hinge pin assembly**:

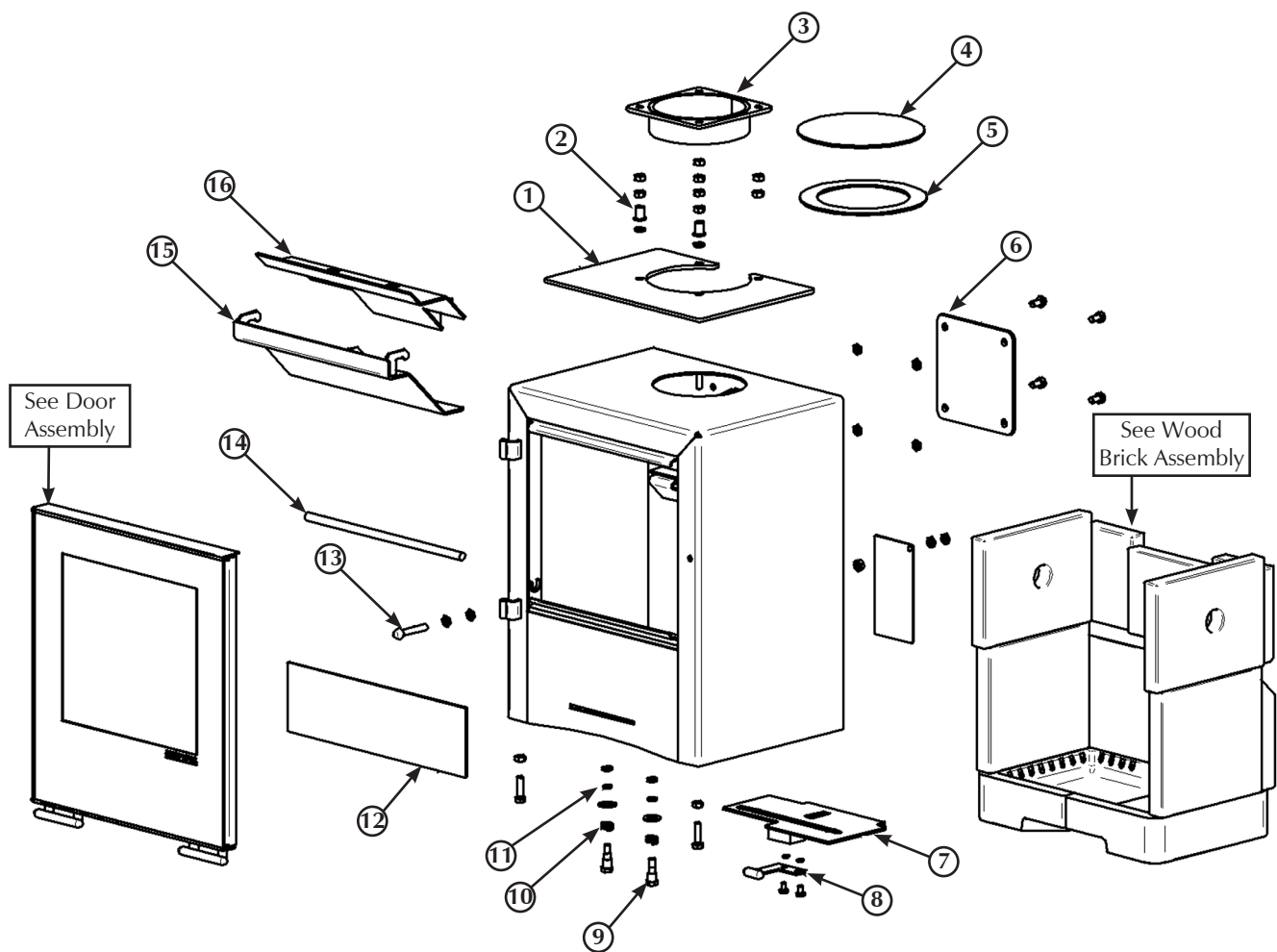
- Remove the door from the appliance, by opening the door and lifting the door free of the hinge blocks on the left hand side of the door.
- Lay the door face down on a soft flat surface, to protect the paintwork and glass
- Use the hinge pin assembly on the back of the door to adjust the position of the door in relation to the appliance



- Use a 10mm A/F spanner to loosen the 3 M6 dome nuts. The hinge pin assembly is slotted so it can be adjusted up or down and sideways approximately 3mm.

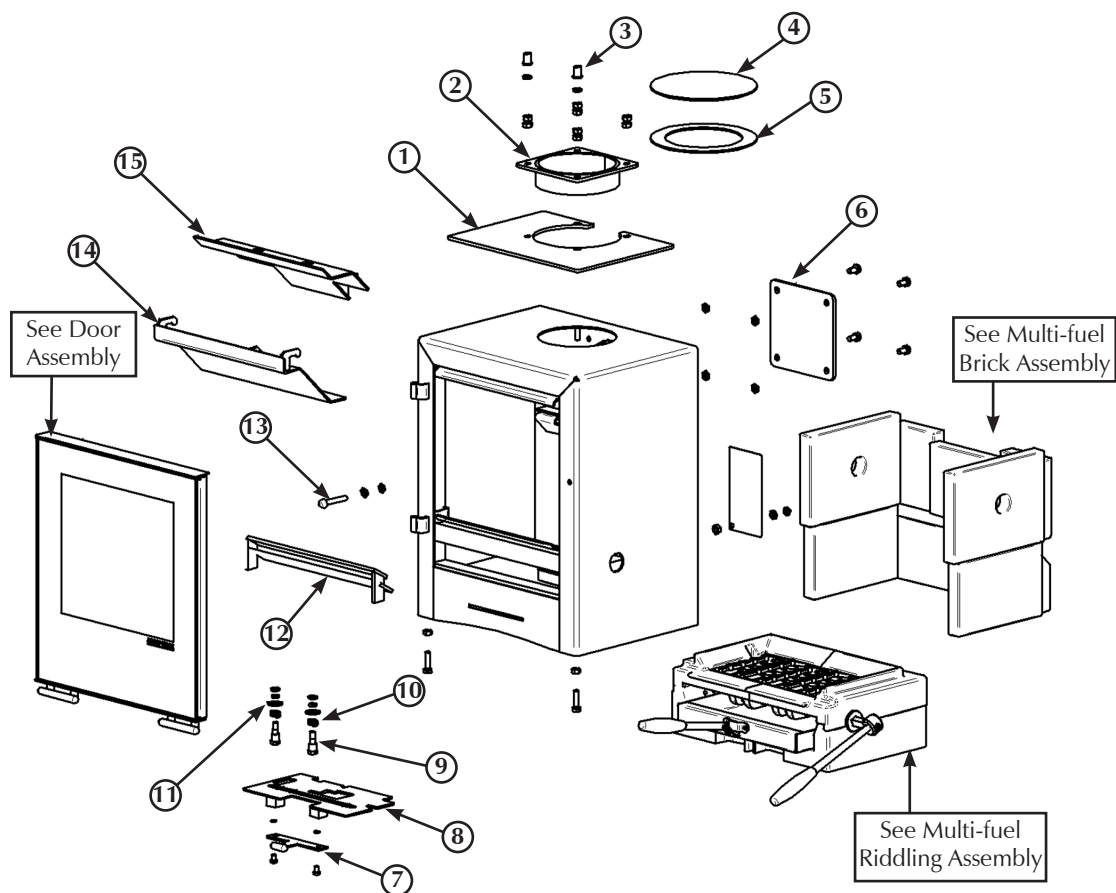
Once the desired position has been achieved ensure the dome nuts are firmly tightened against the hinge block assembly to maintain the position.

BASIC SPARE PARTS LIST



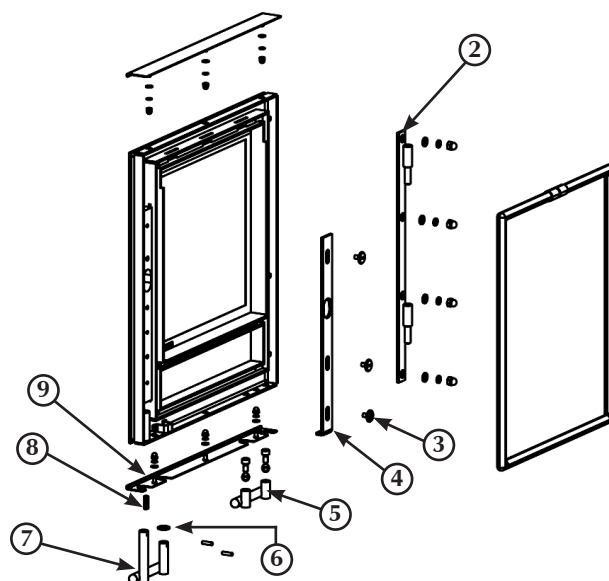
RIVA VISION WOOD				
DIAGRAM NO.	DESCRIPTION	SMALL	MIDI	MEDIUM
1	Inner Top Plate	RVN-ME600130	RVN-ME600169	RVN-ME600123
2	Baffle Support Spacer	RVN-ME600304	RVN-ME600304	RVN-ME600304
3	Flue Collar	RVN-MEC8251	RVN-MEC8251	RVN-MEC8421
4	Top Flue Cover	RVN-MEC8292	RVN-MEC8292	RVN-MEC8450
5	Flue Ring Cover	RVN-ME600060	RVN-ME600060	RVN-ME600234
6	Inner Flue Blank	RVN-ME600061	RVN-ME600061	RVN-ME600227
7	Control Slider	RVN-MEC8323	RVN-MEC8273	RVN-MEC8336
8	Control Slider Handle	RVN-MEC8272	RVN-MEC8272	RVN-MEC8272
9	M8 Shoulder Screw (Slider)	RVN-ME600343	RVN-ME600343	RVN-ME600343
10	Slider Spring	RVN-ME600059	RVN-ME600059	RVN-ME600059
11	Roller	RVN-ME600344	RVN-ME600344	RVN-ME600344
12	Ash Catcher	RVN-ME600309	RVN-ME600297	RVN-ME600293
13	Door Latch	RVN-ME600167	RVN-ME600075	RVN-ME600187
14	Log Bar	RVN-ME600184	RVN-ME600063	RVN-ME600104
15	Lower Baffle	RVN-MEC8523	RVN-MEC8511	RVN-MEC8508
16	Upper Baffle	RVN-MEC8522	RVN-MEC8510	RVN-MEC8507

BASIC SPARE PARTS LIST



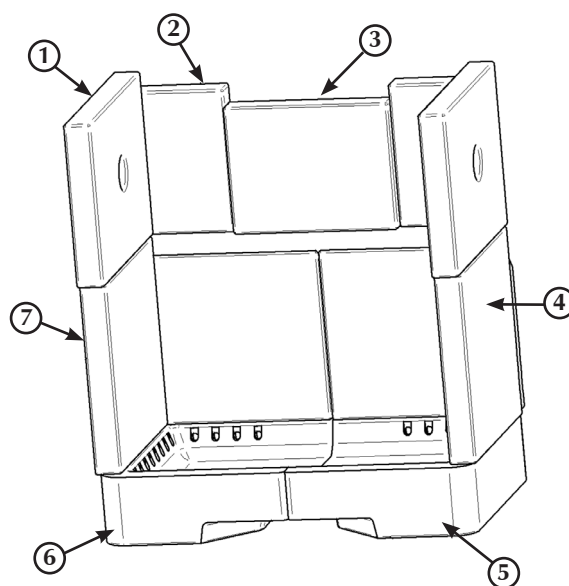
RIVA VISION MULTI FUEL				
DIAGRAM NO.	DESCRIPTION	SMALL	MIDI	MEDIUM
1	Inner Top Plate	RVN-ME600130	RVN-ME600169	RVN-ME600123
2	Flue Collar	RVN-MEC8251	RVN-MEC8251	RVN-MEC8421
3	Baffle Support Spacer	RVN-ME600304	RVN-ME600304	RVN-ME600304
4	Top Flue Cover	RVN-MEC8292	RVN-MEC8292	RVN-MEC8450
5	Flue Ring Cover	RVN-ME600060	RVN-ME600060	RVN-ME600234
6	Inner Flue Blank	RVN-ME600061	RVN-ME600061	RVN-ME600227
7	Control Slider Handle	RVN-MEC8362	RVN-MEC8362	RVN-MEC8272
8	MF Control Slider	RVN-MEC8324	RVN-MEC8260	RVN-MEC8356
9	M8 Shoulder Screw (Slider)	RVN-ME600343	RVN-ME600343	RVN-ME600343
10	Slider Spring	RVN-ME600059	RVN-ME600059	RVN-ME600059
11	Roller	RVN-ME600344	RVN-ME600344	RVN-ME600344
12	MF Log Guard	RVN-MEC8251	RVN-MEC8509	RVN-MEC8496
13	Door Latch	RVN-ME600167	RVN-ME600075	RVN-ME600187
14	Lower Baffle	RVN-MEC8523	RVN-MEC8511	RVN-MEC8508
15	Upper Baffle	RVN-MEC8522	RVN-MEC8510	RVN-MEC8507

BASIC SPARE PARTS LIST



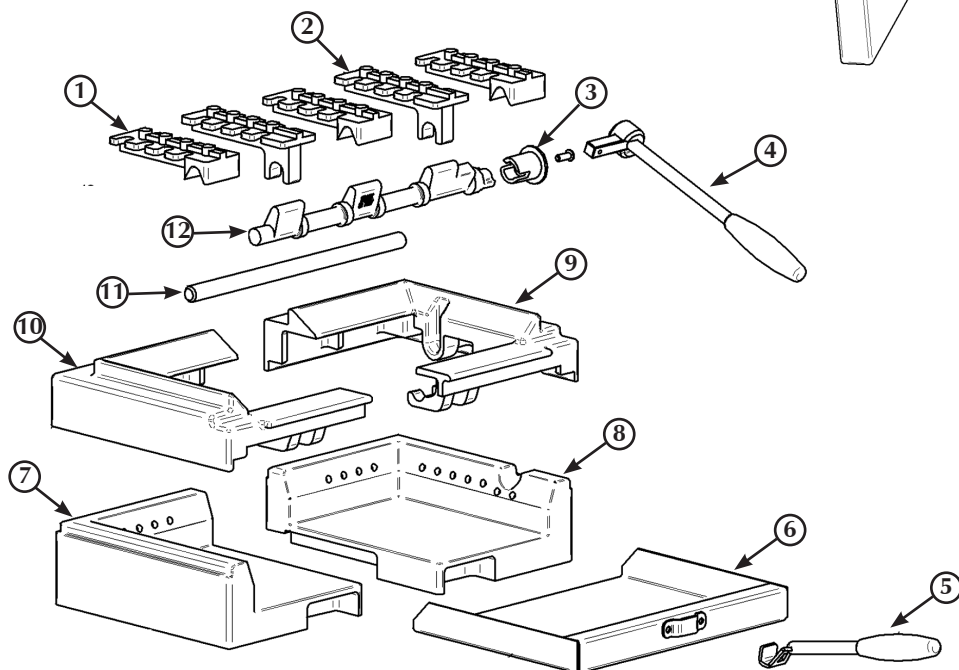
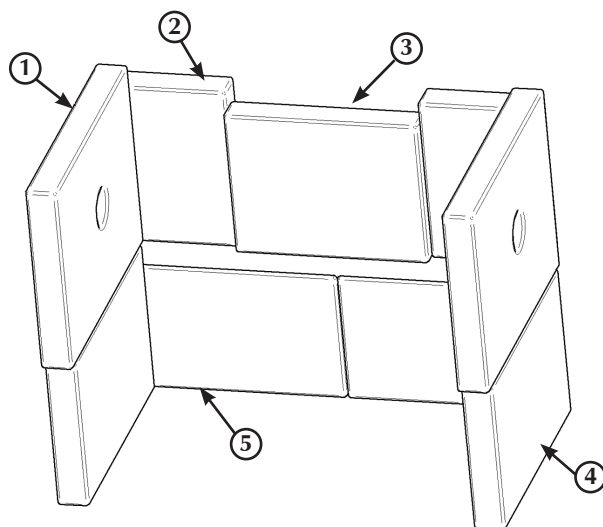
RIVA VISION DOOR ASSEMBLY				
DIAGRAM NO.	DESCRIPTION	SMALL	MIDI	MEDIUM
1	Top Glass Clamp	RVN-MEC8326	RVN-MEC8274	RVN-MEC8371
2	Hinge Plate	RVN-MEC8328	RVN-MEC8276	RVN-MEC8276
3	Shoulder Screws	FA9510	FA9510	FA9510
4	Catch Slider	RVN-RA501942	RVN-RA501942	RVN-RA501942
5	LH Door Assembly	RVN-MEC8402	RVN-MEC8329	RVN-MEC8279
6	'O' Ring	RVN-ME600409	RVN-ME600409	RVN-ME600409
7	RH Door Assembly	RVN-MEC8403	RVN-MEC8330	RVN-MEC8278
8	Door Slider Spring	FA9508	FA9508	FA9508
9	Bottom Glass Clamp	RVN-MEC8327	RVN-MEC8275	RVN-MEC8369

RIVA VISION WOOD BRICK ASSEMBLY				
DIAGRAM No.	DESCRIPTION	SMALL	MIDI	MEDIUM
1	Upper Side Brick	RVN-CE7661	RVN-CE7619	RVN-CE7640
2	Upper Rear Side Brick	RVN-CE7662	RVN-CE7620	RVN-CE7642
3	Upper Centre Brick	RVN-CE7621	RVN-CE7621	RVN-CE7643
4	Lower Rear Brick	RVN-CE7660	RVN-CE7617	RVN-CE7641
5	RH Base Brick	RVN-CE7658	RVN-CE7616	RVN-CE7637
6	LH Base Brick	RVN-CE7657	RVN-CE7614	RVN-CE7636
7	Lower Side Brick	RVN-CE7659	RVN-CE7618	RVN-CE7639



BASIC SPARE PARTS LIST

RIVA VISION MULTI-FUEL BRICK ASSEMBLY				
DIAGRAM No.	DESCRIPTION	SMALL	MIDI	MEDIUM
1	Upper Side Brick	RVN-CE7661	RVN-CE7619	RVN-CE7640
2	Upper Rear Side Brick	RVN-CE7662	RVN-CE7620	RVN-CE7642
3	Upper Centre Brick	RVN-CE7621	RVN-CE7621	RVN-CE7643
4	MF Lower Side Brick	RVN-CE7674	RVN-CE7672	RVN-CE7652
5	MF Lower Rear Brick	RVN-CE7673	RVN-CE7671	RVN-CE7653



RIVA VISION MULTI FUEL RIDDLING ASSEMBLY				
DIAGRAM No.	DESCRIPTION	SMALL	MIDI	MEDIUM
1	Riddling Grate Bar	RVPX-CA7384	RVPX-CA7476	RVPX-CA7330
2	Fixed Grate Bar	RVPX-CA7385	RVPX-CA7477	RVPX-CA7333
3	MF Riddling Socket	RVN-CA7595	RVN-CA7595	RVN-CA7595
4	Riddling Tool	RVPX-MEC8008	RVPX-MEC8008	RVPX-MEC8008
5	Ash Pan Tool	RVPX-MEC8013	RVPX-MEC8013	RVPX-MEC8013
6	Ashpan	RVN-MEC8430	RVN-MEC8261	RVN-MEC8400
7	MF LH Base Casting	RVN-CA7577	RVN-CA7578	RVN-CA7579
8	MF RH Base Casting	RVN-CA7568	RVN-CA7572	RVN-CA7571
9	MF RH Infill	RVN-CA7554	RVN-CA7556	RVN-CA7521
10	MF LH Infill	RVN-CA7553	RVN-CA7555	RVN-CA7518
11	Back Riddling Bar	RVPX-ME501354	RVPX-ME600192	RVN-CA7520
12	Riddling Cam Bar	RVN-CA7557	RVN-CA7509	RVN-CA7522

EC Declaration of Conformity



The undersigned, representing the following :

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

Herewith declare that the products :

Description	Product code
Small Riva Vision	RVN-SMM / RVN-SMW
Midi Riva Vision	RVN-MIDM / RVN-MIDW
Medium Riva Vision	RVN-MEDM / RVN-MEDW

Description of product : Riva Vision domestic wood and multifuel heating stove product range

Steel fabricated stove body fitted with steel door sets, various decorative trim and firegrate 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 instructions 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

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	Small Riva Vision (RVN-SMM / RVN-SMW) CO @ 13% O ₂ Wood 0.17% - Briquetted fuel 0.23% Midi Riva Vision (RVN-MIDM / RVN-MIDW) CO @ 13% O ₂ Wood 0.17% - Briquetted fuel 0.23% Medium Riva Vision (RVN-MEDM / RVN-MEDW) CO @ 13% O ₂ Wood 0.11% - Briquetted fuel 0.21%	
Release of dangerous substance	None	
Surface temperature	Satisfies	
Mechanical resistance (to carry a chimney/flue)	Maximum weight to be supported 25Kg	
Thermal output / Efficiency	Small Riva Vision (RVN-SMM / RVN-SMW) Wood 5.0Kw @ 74.3% - Briquetted fuel 5.0Kw @ 75.7% Midi Riva Vision (RVN-MIDM / RVN-MIDW) Wood 6.5Kw @ 73.3% - Briquetted fuel 6.5Kw @ 75.5% Medium Riva Vision (RVN-MEDM / RVN-MEDW) Wood 8.0Kw @ 73.3% - Briquetted fuel 9.0Kw @ 78.9%	

Test laboratory : 0558

Name : Greg Taylor

Position : Technical Director

Signature :

Date : 18 / 08 / 2009

Sheet 1 of 1

SERVICE RECORDS

1ST SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Dealer's Stamp

2ND SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Dealer's Stamp

3RD SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Dealer's Stamp

4TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Dealer's Stamp

5TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Dealer's Stamp

6TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Dealer's Stamp

7TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Dealer's Stamp

8TH SERVICE

Date of Service:.....

Next Due:.....

Signed:.....

Dealer's Stamp

9TH SERVICE

Date of Service:.....

Next Due:.....

Signed:.....

Dealer's Stamp

10TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Dealer's Stamp

Distributed by



The Fireplace
0800 843 347 | 0800 The Fire
www.thefireplace.co.nz

Adapted from English Issue 1

