**Riva F40 Avanti, Midi, Highline, Riva Avanti F55 Midi, Riva F40, F66 & F76 Freestanding Multi-Fuel Free Standing Stove**

MODELS: RVF40AV, RVF40AVM, RVF40AVH, RVF55AVM, RVF40C, RVF66, RVF76

**Instructions for Use, Installation and Servicing**

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

**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.

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.
COVERING THE FOLLOWING MODELS:
RVF40AV, RVF40AVM, RVF40AVH, RVF55AVM, RVF40C, RVF66, RVF76

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This appliance has been approved by HETAS Ltd.
APPLIANCE COMMISSIONING CHECKLIST

To assist us in any guarantee claim please complete the following information:-

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 ☐

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 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 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.

1.6 Do not place combustible items on the wall or near the appliance. Exposure to hot temperatures will cause damage.

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 12

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 or 2

2 RIVA FREESTANDING

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.

See Diagram 3.

1) Primary Air - burns the fuel under the fuel bed. For use with solid fuel and initially with wood fires.

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

*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
3) Unique 'Opti-Burn' setting provides optimum efficiency and visual effect.

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

5) Conveceted and radiant heat.

Diagrams 4 and 5 illustrate the position of the Primary Air and Airwash Controls for the Riva F40

**RIVA FREETANDING**

Lower the ashpan cover and move the air control as shown using the ashpan tool.

There is an 'opti-burn' setting to help you gauge a position of maximum efficiency.

If the control is pushed past this stop the Airwash is fully closed.

**DOOR HANDLE**

1.12 Use a protected gloved hand to operate.

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

To open and close the door, use the tool provided as shown in Diagrams 6 or 7.
1.13 To remove the door handle:
• Lift the handle without rotating

1.14 To open the door:
• Pull the lower portion of the handle
To close the door:
• Hold the handle in the open position and push the door
to the closed position
• Rotate the handle to the vertical position

1.15 To open and close the door use the tool provided. See diagram 7.

**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 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 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%

<table>
<thead>
<tr>
<th>Appliance</th>
<th>Wood Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riva 40, F40 Cube, F40 Avanti, F40 Avanti Midi, Avanti Highline</td>
<td>250mm</td>
</tr>
<tr>
<td>Riva 55</td>
<td>350mm</td>
</tr>
<tr>
<td>Riva 66, Riva 55 Avanti</td>
<td>450mm</td>
</tr>
<tr>
<td>Riva 76</td>
<td>500mm</td>
</tr>
</tbody>
</table>

• 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.

3.3 **Fuel consumption.**
As tested at nominal heat output to the requirements of EN 13240: 2001 for intermittent operation:

<table>
<thead>
<tr>
<th>Description</th>
<th>Fuel Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Kg/hour Wood</td>
</tr>
<tr>
<td>RVF40AV</td>
<td>Riva F40 Avanti</td>
</tr>
<tr>
<td>RVF40AVM</td>
<td>Riva F40 Avanti Midi</td>
</tr>
<tr>
<td>RVF40AVH</td>
<td>Riva F40 Avanti Highline</td>
</tr>
<tr>
<td>RVF40C</td>
<td>Riva F40 Freestanding</td>
</tr>
<tr>
<td>RVF55AVM</td>
<td>Riva F55 Avanti Midi</td>
</tr>
<tr>
<td>RVF66</td>
<td>Riva F66 Freestanding</td>
</tr>
<tr>
<td>RVF76</td>
<td>Riva F76 Freestanding</td>
</tr>
</tbody>
</table>

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 8 for details.

*For Great Britain:
- Ring the Solid Fuel Association advice line on 0845 601 4406 for details
- Visit their web site at www.solidfuel.co.uk

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**USER INSTRUCTIONS**

**4. LIGHTING THE FIRE**

4.1 For best results:
- Set air controls, See Diagram 9

**9**

**RIVA AVANTI**

<table>
<thead>
<tr>
<th>PRIMARY AIR CONTROL</th>
<th>AIRWASH AIR CONTROL</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPEN 25%</td>
<td>FULLY OPEN</td>
</tr>
<tr>
<td>PR7170</td>
<td>PR7171</td>
</tr>
</tbody>
</table>

**RIVA FREESTANDING**

<table>
<thead>
<tr>
<th>PRIMARY AIR CONTROL</th>
<th>AIRWASH AIR CONTROL</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPEN 25%</td>
<td>FULLY OPEN</td>
</tr>
<tr>
<td>PR7002</td>
<td>PR7094</td>
</tr>
</tbody>
</table>

- Place firelighters or paper and dry kindling wood on the grate
- Light the paper or firelighters, See Diagram 10

**10**

- 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 inlets at the back of the firebox. See Diagram 10
USER INSTRUCTIONS

5.6 Burning Solid fuel:

To burn solid fuels it is required to fit a cast iron multi fuel kit. This kit allows the efficient combustion of wood.

<table>
<thead>
<tr>
<th>Riva F40 Family</th>
<th>Stovax Part No. RVAC082</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riva F55</td>
<td>Stovax Part No. RVAC101</td>
</tr>
<tr>
<td>Riva F66</td>
<td>Stovax Part No. RVAC002</td>
</tr>
</tbody>
</table>

5.7 This is fitted by placing the parts on top of the existing vermiculite firebricks in the order shown.

5.8 • Set air controls, See Diagram 13

5.9 De-ash the fire bed before re-fuelling, See Ash Removal

• Open the Primary air control fully to establish a glowing bed before adding new fuel
• Burn new fuel at high output for a few minutes before adjusting the Primary air control to the desired setting

5. RUNNING THE APPLIANCE

5.1 Burning Wood:

• Close the Primary air control and use the Airwash to control the burn rate when appliance is at operating temperature, see Diagram 11

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

5.3 Experience establishes settings to suit personal preferences.

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

5.5 When in use, burning the appliance at high output for a short period each day also reduces tars and creosote.

5.7 This is fitted by placing the parts on top of the existing vermiculite firebricks in the order shown.

5.8 • Set air controls, See Diagram 13

5.9 De-ash the fire bed before re-fuelling, See Ash Removal

• Open the Primary air control fully to establish a glowing bed before adding new fuel
• Burn new fuel at high output for a few minutes before adjusting the Primary air control to the desired setting

5.5 When in use, burning the appliance at high output for a short period each day also reduces tars and creosote.
USER INSTRUCTIONS

- Refuel little and often for clean, efficient burning.

5.10 Experience establishes control settings to suit personal preferences.

5.11 Do not burn large amounts of fuel with the Primary Air 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.

5.12 When in use, burning the appliance at high output for a short period day also reduces tars and creosote.

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

5.14 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 10

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:

<table>
<thead>
<tr>
<th>Weather Conditions</th>
<th>Problem</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windy days</td>
<td>Buildings/Obstacles cause turbulent air around chimney.</td>
<td>Smoky Appliance</td>
</tr>
<tr>
<td>Calm days</td>
<td>Oversized Chimney.</td>
<td>Smoky Appliance</td>
</tr>
<tr>
<td>Damp / Rainy days</td>
<td>Flue temperature not hot enough. Rain water inside chimney.</td>
<td>Lighting and burning problems</td>
</tr>
</tbody>
</table>
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. FAN KIT

7.1 This appliance can be fitted with an optional convection fan kit. For installation and operating procedures you must refer to the instructions supplied with the fan kit.

8. ASH REMOVAL

8.1 Wood:
• Lower the access cover below the door
• Use the tool provided to remove the ashpan, Diagram 14 and 15

8.2 Multi-fuel:
To riddle the appliance:
• Lower the access cover below the door

9. OVER NIGHT BURNING

9.1 It is possible to get the appliance to burn over night. In order to do this:
• De-ash prior to final refuelling
• Set air controls to low combustion settings
This will blacken the glass over night 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*

b) The chimney system 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 Allow appliance to cool thoroughly to avoid risk of burns:
• Clean regularly, according to the level of use
• Give attention to the baffle system, flue ways and removing ash
Regular cleaning and maintenance will help give many years of safe use.
• Clean matt black appliances using Stovax Collodial black or Stovax Grate Polish
To refresh painted finishes use Stovax Thermolac paint.
• Clean enamel finishes using warm soapy water and a soft clean cloth
• Do not use aerosol sprays near an operating appliance

Wipe dry with a soft clean cloth before re-lighting. Do not leave unit without drying, as this may cause rust.
Do not use abrasive cleaner or cleaning pad.

13. CLEANING GLASS

• Keep the glass clean with correct use of the Airwash 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.

The above 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 believe to have previously served an open fire the chimney must be swept a second time within a month of regular use after installation.

In the U.K:
* registered with HETAS (GB only)/INFO (Republic of Ireland only)
** This should be done by a HETAS registered chimney sweep, who will issue you with a certificate.
USER INSTRUCTIONS

15. CARE OF STOVE

Stovax has a range of cleaning and maintenance products and accessories to keep your appliance in good working condition. Your Stovax retailer can provide full details but here is a brief list of useful items:

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3047</td>
<td>Extra long matches</td>
</tr>
<tr>
<td>5039</td>
<td>Gas lighter</td>
</tr>
<tr>
<td>4052</td>
<td>Log basket</td>
</tr>
<tr>
<td>3048</td>
<td>Wood sling - for easy carrying of logs</td>
</tr>
<tr>
<td>3016</td>
<td>Log tongs</td>
</tr>
<tr>
<td>4027</td>
<td>Extra long protective gloves</td>
</tr>
<tr>
<td>5038</td>
<td>Hearthgate - 5 section (for areas 1780x610mm)</td>
</tr>
<tr>
<td>5044</td>
<td>Hearthgate - 7 section (for areas 1780x405mm)</td>
</tr>
<tr>
<td>4227</td>
<td>Ash caddy - 382x102x306mm</td>
</tr>
<tr>
<td>4228</td>
<td>Ash caddy - 446x102x306mm</td>
</tr>
<tr>
<td>4229</td>
<td>Ash caddy - 382x102x459mm</td>
</tr>
<tr>
<td>4230</td>
<td>Ash caddy - 637x127x408mm</td>
</tr>
<tr>
<td>4231</td>
<td>Ash caddy - 306x178x459mm</td>
</tr>
<tr>
<td>2091</td>
<td>Ashclean vacuum cleaner attachment</td>
</tr>
<tr>
<td>4232</td>
<td>Steel brush</td>
</tr>
</tbody>
</table>

Your retailer can provide genuine spare parts such as replacement glass, door sealing rope and fire bricks when required. An annual service by a competent engineer is recommended to keep your appliance in 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

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 airwash 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 screws on the glass clips 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 130°C and 240°C (270°F – 465°F). Failing to close down the primary 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.
# TECHNICAL SPECIFICATION

## RIVA STOVE

### MODEL:
- Riva F40 Avanti (RVF40AV)
- Riva F40 Avanti Midi (RVF40AVM)
- Riva F40 Avanti Highline (RVF40AVH)
- Riva F55 Avanti Midi (RVF55AVM)
- Riva F40 Freestanding (RVF40C)
- Riva F66 Freestanding
- Riva F76 Freestanding

### PACKING LIST
- Instructions
- Guarantee card
- Flue Collar
- Tools: Hex Keys
- Fixing kit
- Drilling Template
- Gloves
- Blanking Plate
- Door Tool
- Ash Pan Tool

### TECHNICAL SPECIFICATION

<table>
<thead>
<tr>
<th>Nominal Heat Output</th>
<th>Wood kW</th>
<th>4.9</th>
<th>4.9</th>
<th>4.9</th>
<th>4.9</th>
<th>8.0</th>
<th>8.0</th>
<th>9.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Fuel kW</td>
<td>4.9</td>
<td>4.9</td>
<td>4.9</td>
<td>4.9</td>
<td>8.0</td>
<td>8.0</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Flue Draught at Nominal Heat Output</td>
<td>mm Wg</td>
<td>1.25</td>
<td>1.25</td>
<td>1.25</td>
<td>1.25</td>
<td>1.25</td>
<td>1.25</td>
<td>1.25</td>
</tr>
<tr>
<td></td>
<td>inch Wg</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>Flue Gas Mass Flow</td>
<td>Wood g/s</td>
<td>4.4</td>
<td>4.4</td>
<td>4.4</td>
<td>4.4</td>
<td>6.6</td>
<td>7.4</td>
<td>6.0</td>
</tr>
<tr>
<td></td>
<td>Solid Fuel g/s</td>
<td>3.9</td>
<td>3.9</td>
<td>3.9</td>
<td>3.9</td>
<td>6.7</td>
<td>8.1</td>
<td>N/A</td>
</tr>
<tr>
<td>Flue Gas Temperature at Spigot / Socket</td>
<td>Wood C</td>
<td>393</td>
<td>393</td>
<td>393</td>
<td>393</td>
<td>444</td>
<td>388</td>
<td>345</td>
</tr>
<tr>
<td></td>
<td>Solid Fuel C</td>
<td>393</td>
<td>393</td>
<td>393</td>
<td>393</td>
<td>444</td>
<td>388</td>
<td>N/A</td>
</tr>
<tr>
<td>Flue Outlet Six (Top/Rear Option)</td>
<td>mm</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>125</td>
<td>150</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>inch</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Weight</td>
<td>Kg</td>
<td>80</td>
<td>101</td>
<td>105</td>
<td>115</td>
<td>120</td>
<td>100</td>
<td>125</td>
</tr>
</tbody>
</table>

### 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 (under grate air for full multi-fuel use) – (Multi-fuel appliances only)
- Airwash (for wood burning / clean glass)
- Preset secondary air control (to ensure complete burning of flue gases)
- Riddling grate system for clean de-ashing – (Multi-fuel appliances only)
- Top or rear flue exit option

## 2. PACKING LIST
- Instructions
- Guarantee card
- Flue Collar
- Tools: Hex Keys
- Fixing kit
- Drilling Template
- Gloves
- Blanking Plate
- Door Tool
- Ash Pan Tool
SITE REQUIREMENTS

RIVA STOVE DIMENSIONS

RIVA F40 FREESTANDING

RIVA F40 AVANTI

RIVA AVANTI MIDI

RIVA F40 AVANTI HIGLINE

PR7112

PR7190

PR7189

PR7144

All dimensions in mm. (25.4mm = 1”)

14
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 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 it 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

In the U.K:

*BS 6461: Part 1, and the requirements of Building Regulations

** This should be done by a HETAS registered chimney sweep, 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).

† Building Regulations Document J

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
1. FLUE OUTLET POSITIONS

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

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

2. HEARTH DIMENSIONS

2.1 The appliance must stand on a constructional hearth with the minimum dimensions as shown in the diagram below.

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

<table>
<thead>
<tr>
<th>Position of Appliance &amp; Hearth in relation to walls</th>
<th>Requirement for the walls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance of hearth from wall 'C'</td>
<td>Distance of Appliance to wall</td>
</tr>
<tr>
<td>0mm</td>
<td>0mm - 50mm</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>0mm</td>
<td>51mm - 300mm</td>
</tr>
<tr>
<td>0 - 150mm</td>
<td>150mm +</td>
</tr>
<tr>
<td>150mm +</td>
<td>300mm +</td>
</tr>
</tbody>
</table>

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 F40 Avanti (RVF40AV)
- Riva F40 Avanti Midi (RVF40AVM)
- Riva F40 Avanti Highline (RVF40AVH)
- Riva F55 Avanti Midi (RVF55AVM)
- Riva F40 Freestanding (RVF40C)
- Riva F66 Freestanding
- Riva F76 Freestanding

<table>
<thead>
<tr>
<th>Flue/Chimney Size</th>
<th>Riva F40 Freestanding</th>
<th>Riva F40 Avanti</th>
<th>Riva F40 Avanti Midi</th>
<th>Riva F40 Avanti Highline</th>
<th>Riva F55 Avanti Midi</th>
<th>Riva Avanti Freestanding</th>
<th>Riva 76 Freestanding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without flue liner Round (diameter)</td>
<td>mm</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>inch</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Without flue liner system Square (diameter)</td>
<td>mm</td>
<td>135</td>
<td>135</td>
<td>135</td>
<td>135</td>
<td>135</td>
<td>135</td>
</tr>
<tr>
<td></td>
<td>inch</td>
<td>5(\frac{1}{2})</td>
<td>5(\frac{1}{2})</td>
<td>5(\frac{1}{2})</td>
<td>5(\frac{1}{2})</td>
<td>5(\frac{1}{2})</td>
<td></td>
</tr>
<tr>
<td>With liner or Factory made system (diameter)</td>
<td>mm</td>
<td>(\geq)150</td>
<td>(\geq)150</td>
<td>(\geq)150</td>
<td>(\geq)150</td>
<td>(\geq)150</td>
<td>(\geq)150</td>
</tr>
<tr>
<td></td>
<td>inch</td>
<td>(\geq)6</td>
<td>(\geq)6</td>
<td>(\geq)6</td>
<td>(\geq)6</td>
<td>(\geq)6</td>
<td>(\geq)6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flue/Chimney (*minimum height)</th>
<th>All products</th>
</tr>
</thead>
<tbody>
<tr>
<td>metre</td>
<td>4.5</td>
</tr>
<tr>
<td>feet</td>
<td>13</td>
</tr>
</tbody>
</table>

* 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°

†May be 125mm (5") if only burning low volatiles (smokeless) fuels approved for use in Smoke Control Areas. See web sit http://uksmokecontrolareas.co.uk for more information about approved fuel

### 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 F40 Avanti (RVF40AV)
- Riva F40 Avanti Midi (RVF40AVM)
- Riva F40 Avanti Highline (RVF40AVH)
- Riva F55 Avanti Midi (RVF55AVM)
- Riva F40 Freestanding (RVF40C)
- Riva F66 Freestanding
- Riva F76 Freestanding

<table>
<thead>
<tr>
<th>Additional Ventilation</th>
<th>Riva F40</th>
<th>Riva 55</th>
<th>Riva 66</th>
<th>Riva 76</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm²</td>
<td>NONE</td>
<td>1650</td>
<td>1650</td>
<td>2475</td>
</tr>
<tr>
<td>cm²</td>
<td>NONE</td>
<td>16.5</td>
<td>16.5</td>
<td>24.75</td>
</tr>
<tr>
<td>in²</td>
<td>NONE</td>
<td>2.56</td>
<td>2.56</td>
<td>2.56</td>
</tr>
</tbody>
</table>
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 550mm² 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 opposite.
LEGAL REQUIREMENTS

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 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 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.

In the U.K:
**Registered body: HETAS (GB only)/INFO (Eire)

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

1.2 To fit the appliance to the hearth and to assemble a Rear Flue you need to take out the log guard, baffles and rear top bricks. Follow Sections 5 and 6 for instruction on removing and replacing baffles and bricks.

RIVA FREESTANDING - HEARTH

- Secure to the hearth using the fixing screws provided (Tools required 10mm A/F spanner/socket and masonry drill)

RIVA F40 AVANTI, MIDI, HIGHLINE AND RIVA F55 AVANTI MIDI - HEARTH

- Secure to the hearth using the fixing screws provided (Tools required 10mm A/F spanner/socket and masonry drill). A floor drilling template is supplied with the stove.
**RIVA F40 AVANTI (ONLY)**

The stove may be levelled on the hearth by adjusting the hexagon head levelling screws with a 13mm A/F spanner.

---

**2. TOP FLUE INSTALLATION**

The stove is factory supplied with a top flue outlet but the flue collar and blanking plate require sealing with Fire Cement before use.

---

2.1 **Flue Pipe Installation**

To fit the pipe to the collar:

- Lift appliance into position
- Take care not to damage the hearth finish
- Level using adjustable bolts, see picture 1 (Riva F40 Avanti only)
- Fit decorative ring to flue pipe as shown before fitting the flue pipe
- Connect appliance to the chimney using flue pipe
- Secure with self tapping screw
- Seal the connecting joints

---

2.2 **Typical Top Flue Pipe Installation**

Install in accordance with manufacturer's instructions.

---

2.3 **Connect a flue pipe 612mm long by inserting it into the flue spigot and seal using fire cement. Fit the cast iron finishing collar over the flue pipe and locate into recess in the top cover**

---
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 fit the collar and flue pipe to the rear:

3.1 (Tools required - cross-headed screw driver, 10mm A/F spanner/socket wrench and a keyhold saw).

- Remove the back cover after removing the fixing screws

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

The baffle and bricks should already be removed following location of the appliance on its hearth.

- Remove the flue collar using a 10mm A/F spanner/socket wrench to remove the 4 fixing bolts including the 2 flanged spacers
 INSTALLATION INSTRUCTIONS

3.3 Fitting the flue collar and blanking plate to the top

- Remove the blanking plate using a 10mm A/F spanner/socket wrench to take out the 4 bolts

3.4 Flue Pipe Installation (Tools required - Screwdriver suitable for self-tapping screw)

- Insert a tee into the flue collar
- The tee piece is used as cleaning access.
- Lift appliance into position
- Take care not to damage the hearth finish.
- Level using adjustable bolts, if required
- Connect tee to the chimney using flue pipe
- Secure with self tapping screw
- Seal the connecting joints using fire cement

Do not use a 90° elbow to make this connection

The flue must be installed in accordance with manufacturers instructions.

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

<table>
<thead>
<tr>
<th>Flue Pipe Type</th>
<th>Stovax Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; Tee</td>
<td>4516</td>
</tr>
<tr>
<td>6&quot;</td>
<td>4616</td>
</tr>
<tr>
<td>5&quot; 135° Bend</td>
<td>4512</td>
</tr>
<tr>
<td>6&quot; 135° Bend</td>
<td>4612</td>
</tr>
<tr>
<td>5&quot; Flue Pipe x 612mm long</td>
<td>4501</td>
</tr>
<tr>
<td>6&quot; Flue Pipe x 612mm Long</td>
<td>4601</td>
</tr>
</tbody>
</table>

3.6 Typical Rear Flue Pipe Installation

Connection to chimney as detailed in Building Regulations

All models

<table>
<thead>
<tr>
<th>Flue Pipe x 612 long</th>
<th>Stovax Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10200mm max unsupported</td>
</tr>
<tr>
<td>135 Elbow with access cover</td>
<td>10200mm max unsupported</td>
</tr>
<tr>
<td></td>
<td>612mm minimum</td>
</tr>
</tbody>
</table>
**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 FIRE BRICKS**

5.1 Remove the firebricks as part of the routine maintenance. This can be carried out without the use of tools.

5.2 Allow the appliance to cool fully before removing firebricks.

5.3 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

5.4 Remove the baffles and grate system
- Remove the bricks in the correct order as shown in Diagrams 12 and 13

**6. FITTING AND REMOVAL OF THE BAFFLES**

No tools are required.

6.1 To maintain efficient combustion the Riva Stove is fitted with a twin baffle system, consisting of upper and lower baffles.

6.2 First remove the Log Guard from the stove to give access to the firebox.

6.3 Remove the Lower Baffle (see diagram) by lifting the front edge to unhook it from the support bars
- Pull the baffle forward to disengage the rear edge from the location above air inlet holes
- Rotate the baffle to remove from the firebox through the door opening.
6.4 **Next,** remove the **Upper Baffle** (see diagram) by pulling forward to disengage it from the hanging points at the top of the firebox
  - Rotate the baffle to remove it from the firebox through the door opening.

6.5 Reverse the above process to replace the baffles

---

**7. FITTING AND REMOVAL OF THE RIDDLING MECHANISM**

7.1 The Riddling Mechanism (or Grate) can be removed for cleaning to maintain good working condition.

To remove Riddling Mechanism:
  - First remove the centre grate by tipping the grate control boss downwards and lifting the centre grate vertically

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---

**8. FAN KIT**

8.1 This appliance can be fitted with an optional convection fan kit. For installation and operating procedures you must refer to the instructions supplied with the fan kit.
1.1 To commission:

- Replace the firebricks, baffle, and log retainer
- Check the door alignment and catch operation, adjust if required, see Installation Section 6. Adjusting Door hinges
- 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:

- 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 conforming to BSEN50291 be fitted and maintained.

- Record dealer/supplier details and installer details in Instructions
- Record serial number in page 3 of Instructions
  This number is required when ordering spare parts and making warranty claims
- Give the copy of the Instructions to the customer
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: baffle, firebricks, complete grate, and ash pan. For Multi-fuel versions remove the complete grate and ash pan. See sections 3 and 4 on how to remove the baffles and firebricks. 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 grate parts 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 glass from the door and discard all old rope seals

- Remove the door rope seal from the outer edge of the door and clean the old glue from the door sealing rope groove
- 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.

- Replace the glass edge seal with new and re-fit the glass into place in the door
- Fit new door rope seal, gluing it in place with Stovax Thermic Seal rope adhesive
- Press the new door sealing rope into the locating groove, placing the joint in the middle of the lower edge of the door.

When fitting new door seals, close the appliance door and leave for at least 12 hours before using. This allows the adhesive to fully bond to the seal before use.

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.

<table>
<thead>
<tr>
<th>Task</th>
<th>Product name</th>
<th>Stovax Code Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass cleaning</td>
<td>Stove glass cleaner 500ml (wipe on)</td>
<td>4111</td>
</tr>
<tr>
<td></td>
<td>Stove glass cleaner (spray on)</td>
<td>4103</td>
</tr>
<tr>
<td>Preventing build-up of creosote in flue</td>
<td>Protector (15 sachets)</td>
<td>7002</td>
</tr>
<tr>
<td></td>
<td>Protector (1kg tub)</td>
<td>7025</td>
</tr>
<tr>
<td>Sealing flue pipe joints</td>
<td>Fire Cement (500g tub)</td>
<td>2020</td>
</tr>
<tr>
<td></td>
<td>Fire Cement (600g cartridge)</td>
<td>2021</td>
</tr>
<tr>
<td>Re-painting</td>
<td>Thermolac Black (400ml aerosol)</td>
<td>2019</td>
</tr>
<tr>
<td></td>
<td>Thermolac Black (200ml brush-on)</td>
<td>2057</td>
</tr>
<tr>
<td>Cleaning matt black Appliances</td>
<td>Colloidal black (85ml)</td>
<td>7000</td>
</tr>
<tr>
<td>Protecting your hands</td>
<td>Heat resistant leather gloves</td>
<td>4008</td>
</tr>
<tr>
<td>Door sealing rope</td>
<td>14mm Black rope seal (handy pack)</td>
<td>5000</td>
</tr>
<tr>
<td></td>
<td>14mm Black rope seal (25m reel)</td>
<td>4670</td>
</tr>
<tr>
<td>Glass sealing tape</td>
<td>3mm Black rope seal (handy pack)</td>
<td>4975</td>
</tr>
<tr>
<td></td>
<td>3mm Black rope seal (25m reel)</td>
<td>4974</td>
</tr>
<tr>
<td>Thermic seal glue</td>
<td>(50ml bottle)</td>
<td>5037</td>
</tr>
<tr>
<td>Soft rope</td>
<td>10mm diameter</td>
<td>4965</td>
</tr>
<tr>
<td>Ash Clean</td>
<td>Vacuum Cleaner Attachment</td>
<td>2091</td>
</tr>
</tbody>
</table>

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](http://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:

3. REMOVAL OF FIRE BRICKS

3.1 See Section 5, Installation Instructions, to remove and replace fire bricks

4. FITTING AND REMOVAL OF BAFFLE

4.1 See Section 6, Installation Instructions, to remove and replace the baffles.

5. REMOVAL OF RIDDLING MECHANISM

5.1 See Section 7, Installation Instructions, to remove and replace the riddling mechanism.

6. FITTING A NEW DOOR GLASS ALL MODELS

6.1 To maintain the safe use of your stove you may need to replace a damaged door glass. To complete this operation:

RIVA AVANTI -
• Remove the door by first removing the hinge pin
• Support the weight of the door before removing the pin
• Unscrew the hinge pin from the body of the Riva and pull the pin out from the hinge block
• Support the weight of the door before removing the pin
• Keep the door closed when the pin is removed
• Release the door catch to lift the door clear of the hinge blocks

RIVA FREESTANDING
• Open the door by approximately 25mm
• Lift the door free of the hinge blocks on the left of the door
• Lie the door on a soft flat surface, to protect the glass and the paintwork
• Remove the old door rope seal and scrape old glue from the locating groove
• Clean the locating groove with a clean dry cloth to remove any dust and debris
• Use a 2.5mm A/F hexagon key to remove the exposed fixing screws in the rope seal locating groove
• Remove the trim/frame
  The old glass can then be lifted clear of the door. (Note how the edge sealing tape is fixed.) Remember to dispose of the old glass safely.

• Clean, and re-paint, the rear of the door if required
MAINTENANCE and SERVICING

- Clean the screws with light oil or WD40® to aid future removal
- Fit the edge sealing tape to the new glass
- Place the glass into position in the door
- Place the door trim/frame back in to position and re-fix with the clean fixing screws
- Squeeze a generous bead of fresh Thermic Seal glue into the rope locating groove. Do not glue over the screw heads.

7.2 Squeezing a generous bead of fresh Thermic Seal glue into the rope locating groove.

7.3 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

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, removing the hinge pins and lifting the door free of the hinge blocks
- Lay the door face down on a soft flat surface, to protect the paintwork and glass
- Remove the 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
- Refit the door on to the appliance and close the door to apply pressure to new rope
- Leave the appliance 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 CATCH RIVA AVANTI

(Tool required - 13mm A/F spanner)

8.1 To maintain the safe use of your Riva stove, you may need to adjust the door catch to ensure safe correct closing of the door. Complete this operating as follows

8.2 Open the door to give access to the fixed part of the door catch as shown.

8.3 Using a 13mm A/F spanner:
- Loosen the locking nut holding the catch block shown in diagram
- Reposition to achieve the correct fit. This may need a trial and error approach to find the correct position
- If the door still feels loose after correcting the catch operation, the door rope seal is worn and requires replacement, see Section 7.

9. ADJUSTING DOOR CATCH RIVA FREESTANDING

9.1 To maintain the safe use of your Riva stove, you may need to adjust the door catch to ensure safe correct closing of the door. Complete this operating as follows

9.2 Open the door to give access to the fixed part of the door catch as shown.
9.3 Using a 4mm A/F hexagon head key (supplied) loosen the 2 fixing screws, as shown, and reposition the catch block to achieve the correct fit. This may need a trial and error approach to find the correct position.

9.4 If the door still feels loose after correcting the catch operation, the door rope seal is worn and requires replacement, as detailed in section 7 of the Users Instructions. (Tool required - 4mm A/F Hex socket key)

10. ADJUSTING DOOR HINGES RIVA AVANTI

10.1 To maintain the safe closing of the door, you may need to adjust door hinges. Complete this operating as follows.

• Open the door to give access to the fixed part of the door hinge as shown:

10.3 To adjust the door alignment:

• Loosen the 6 fixing screws using a 4mm A/F hexagon head socket key
• Turn screw A to level the door
• Turn screw B to raise or lower the door
• Re-tighten the fixing screws and check alignment
This may require a trial and error approach to find the correct position.
11. ADJUSTING DOOR HINGES RIVA FREESTANDING

11.1 To maintain the safe closing of the door, you may need to adjust door hinges. Complete this operating as follows.

- Open the door to give access to the fixed part of the door hinge as shown:

11.2 Using a 5mm A/F hexagon head key:
- Loosen the fixing screws, as shown, and reposition the hinge blocks to achieve the correct fit.
- This may require a trial and error approach to find the correct position.

12A. ADJUSTING ASH PAN COVER HINGES RIVA AVANTI

(Tool required - 2.5mm A/F Hex socket key)

12B. ADJUSTING ASH PAN COVER HINGES RIVA FREESTANDING

12.1 It is possible to correct the fit of the ash pan door by loosening the hinge fixing screws and repositioning the hinges. This may need a trial and error approach to find the correct position.
MAINTENANCE and SERVICING

13A. ADJUSTING ASH PAN COVER TOUCH LATCH - RIVA AVANTI

(Tool required - 2.5mm A/F Hex socket key)

13B. ADJUSTING ASH PAN COVER TOUCH LATCH - RIVA FREESTANDING

13.1 It is possible to correct the fit of the ash pan door by loosening the hinge fixing screws and repositioning the hinges. This may need a trial and error approach to find the correct position.

BASIC SPARE PARTS LIST

RIVA F40 RANGE

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RVAC125</td>
<td>Top Baffle</td>
</tr>
<tr>
<td>RVAC126</td>
<td>Lower Baffle</td>
</tr>
<tr>
<td>GL7033</td>
<td>Glass</td>
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RIVA F55 RANGE

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RVAC204</td>
<td>Top Baffle</td>
</tr>
<tr>
<td>RVAC205</td>
<td>Lower Baffle</td>
</tr>
<tr>
<td>GL7085</td>
<td>Glass</td>
</tr>
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RIVA F66 RANGE

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RVAC228</td>
<td>Top Baffle</td>
</tr>
<tr>
<td>RVAC229</td>
<td>Lower Baffle</td>
</tr>
<tr>
<td>GL7032</td>
<td>Glass</td>
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RIVA F76 RANGE

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RVAC244</td>
<td>Top Baffle</td>
</tr>
<tr>
<td>RVAC245</td>
<td>Lower Baffle</td>
</tr>
<tr>
<td>GL7072</td>
<td>Glass</td>
</tr>
</tbody>
</table>

Firebricks listed over page.
For all other spares contact your dealer.
## BASIC SPARE PARTS LIST

### F40 AVANTI & FREESTANDING BRICKS

<table>
<thead>
<tr>
<th>Diagram No</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RVFS40BR1</td>
<td>Rear top LH/RH</td>
</tr>
<tr>
<td>2</td>
<td>RVFS40BR2</td>
<td>Side top RH</td>
</tr>
<tr>
<td>3</td>
<td>RVFS40BR3</td>
<td>Side bottom RH</td>
</tr>
<tr>
<td>4</td>
<td>RVFS40BR5</td>
<td>Rear bottom LH/RH</td>
</tr>
<tr>
<td>5</td>
<td>RVFS40BR4</td>
<td>Side bottom LH</td>
</tr>
<tr>
<td>6</td>
<td>RVFS40BR6</td>
<td>Side top LH</td>
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</table>

### F55 AVANTI BRICKS

<table>
<thead>
<tr>
<th>Diagram No</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RVFS55BR1</td>
<td>Rear top LH/RH</td>
</tr>
<tr>
<td>2</td>
<td>RVFS40BR2</td>
<td>Side top RH</td>
</tr>
<tr>
<td>3</td>
<td>RVFS55BR3</td>
<td>Side bottom LH/RH</td>
</tr>
<tr>
<td>4</td>
<td>RVFS55BR4</td>
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</tr>
<tr>
<td>5</td>
<td>RVFS40BR6</td>
<td>Side top LH</td>
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</table>

### F66 FREESTANDING BRICKS

<table>
<thead>
<tr>
<th>Diagram No</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RVFS66BR1</td>
<td>Rear top LH/RH</td>
</tr>
<tr>
<td>2</td>
<td>RVFS66BR10</td>
<td>Base top centre</td>
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<tr>
<td>3</td>
<td>RVFS66BR2</td>
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<tr>
<td>4</td>
<td>RVFS66BR3</td>
<td>Side bottom RH</td>
</tr>
<tr>
<td>5</td>
<td>RVFS66BR6</td>
<td>Base RH</td>
</tr>
<tr>
<td>6</td>
<td>RVFS66BR7</td>
<td>Rear bottom LH/RH</td>
</tr>
<tr>
<td>7</td>
<td>RVFS66BR4</td>
<td>Rear centre</td>
</tr>
<tr>
<td>8</td>
<td>RV66BR5</td>
<td>Base LH</td>
</tr>
<tr>
<td>9</td>
<td>RVFS66BR9</td>
<td>Side bottom LH</td>
</tr>
<tr>
<td>10</td>
<td>RVFS66BR8</td>
<td>Side top LH</td>
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### F76 FREESTANDING BRICKS

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<thead>
<tr>
<th>Diagram No</th>
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<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>RVFS76BR1</td>
<td>Rear top LH/RH</td>
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<tr>
<td>2</td>
<td>RVFS66BR7</td>
<td>Rear top centre</td>
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<tr>
<td>3</td>
<td>RVFS76BR2</td>
<td>Side top RH</td>
</tr>
<tr>
<td>4</td>
<td>RVFS76BR3</td>
<td>Side bottom LH/RH</td>
</tr>
<tr>
<td>5</td>
<td>RVFS76BR4</td>
<td>Base LH/RH</td>
</tr>
<tr>
<td>6</td>
<td>RVFS66BR6</td>
<td>Rear bottom LH/RH</td>
</tr>
<tr>
<td>7</td>
<td>RVFS76BR5</td>
<td>Rear bottom centre LH/RH</td>
</tr>
<tr>
<td>8</td>
<td>RVFS76BR8</td>
<td>Side top LH</td>
</tr>
</tbody>
</table>
NOTES
SERVICE RECORDS

1ST SERVICE
Date of Service: .................................................................
Next Service Due: .............................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

2ND SERVICE
Date of Service: .................................................................
Next Service Due: .............................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

3RD SERVICE
Date of Service: .................................................................
Next Service Due: .............................................................
... 
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

4TH SERVICE
Date of Service: .................................................................
Next Service Due: .............................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

5TH SERVICE
Date of Service: .................................................................
Next Service Due: .............................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

6TH SERVICE
Date of Service: .................................................................
Next Service Due: .............................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

7TH SERVICE
Date of Service: .................................................................
Next Service Due: .............................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

8TH SERVICE
Date of Service: .................................................................
Next Due: ........................................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

9TH SERVICE
Date of Service: .................................................................
Next Due: ........................................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number

10TH SERVICE
Date of Service: .................................................................
Next Service Due: .............................................................
Signed: .............................................................................
Dealer's Stamp/HETAS Registration Number
EC Declaration of Conformity

The undersigned, representing the following:

Manufacturer

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

Hereewith declare that the products:

<table>
<thead>
<tr>
<th>Description</th>
<th>Product code</th>
<th>Description</th>
<th>Product code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riva F40 Freestanding</td>
<td>RVF40C</td>
<td>Riva F55 Avanti Midi</td>
<td>RVF55AVM</td>
</tr>
<tr>
<td>Riva F40 Avanti</td>
<td>RVF40AV</td>
<td>Riva F66 Freestanding</td>
<td>RVF66</td>
</tr>
<tr>
<td>Riva F40 Avanti Midi</td>
<td>RVF40AVM</td>
<td>Riva F76 Freestanding</td>
<td>RVF76</td>
</tr>
<tr>
<td>Riva F40 Avanti Highline</td>
<td>RVF40AVH</td>
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</tr>
</tbody>
</table>

Description of product: Riva domestic wood and multifuel heating stove product range
Steel fabricated stove body fitted with steel fabricated door sets, various decorative trim and fire grate 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:

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.

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Performance</th>
<th>Report</th>
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</thead>
<tbody>
<tr>
<td>Fire safety</td>
<td>Satisfies</td>
<td></td>
</tr>
<tr>
<td>Emission of combustion products</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Riva 40 (RVF40C / RVF40AV / RVF40AVM / RVF40AVH)</td>
<td>CO @ 13% O₂ Wood 0.12% - Briquetted fuel 0.16%</td>
<td>50970/22</td>
</tr>
<tr>
<td>Riva 55 (RVF55AVM)</td>
<td>CO @ 13% O₂ Wood 0.21% - Briquetted fuel 0.11%</td>
<td>50970/22</td>
</tr>
<tr>
<td>Riva 66 (RVF66 / RVF66B)</td>
<td>CO @ 13% O₂ Wood 0.18% - Briquetted fuel 0.10%</td>
<td>50970/22</td>
</tr>
<tr>
<td>Riva 76 (RVF76 / RVF76B)</td>
<td>CO @ 13% O₂ Wood 0.22%</td>
<td>50970/22</td>
</tr>
<tr>
<td>Release of dangerous substance</td>
<td>None</td>
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<tr>
<td>Surface temperature</td>
<td>Satisfies</td>
<td></td>
</tr>
<tr>
<td>Mechanical resistance (to carry a chimney/flue)</td>
<td>Maximum weight to be supported 25Kg</td>
<td></td>
</tr>
<tr>
<td>Thermal output / Efficiency</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Riva 40 (RVF40C / RVF40AV / RVF40AVM / RVF40AVH)</td>
<td>Wood 4.9Kw @ 77% - Briquetted fuel 4.9Kw @ 81%</td>
<td>50970/22</td>
</tr>
<tr>
<td>Riva 55 (RVF55AVM)</td>
<td>Wood 8.0Kw @ 74% - Briquetted fuel 8.0Kw @ 77%</td>
<td>50970/22</td>
</tr>
<tr>
<td>Riva 66 (RVF66 / RVF66B)</td>
<td>Wood 8.0Kw @ 80% - Briquetted fuel 8.0Kw @ 76%</td>
<td>50970/22</td>
</tr>
<tr>
<td>Riva 76 (RVF76 / RVF76B)</td>
<td>Wood 9.0Kw @ 76%</td>
<td>50970/22</td>
</tr>
</tbody>
</table>

Test laboratory: 1641 / 0608
Name: D. J. Saunders
Position: Design Engineer
Signature:
Date: 27 / 07 / 2009
Sheet 1 of 1