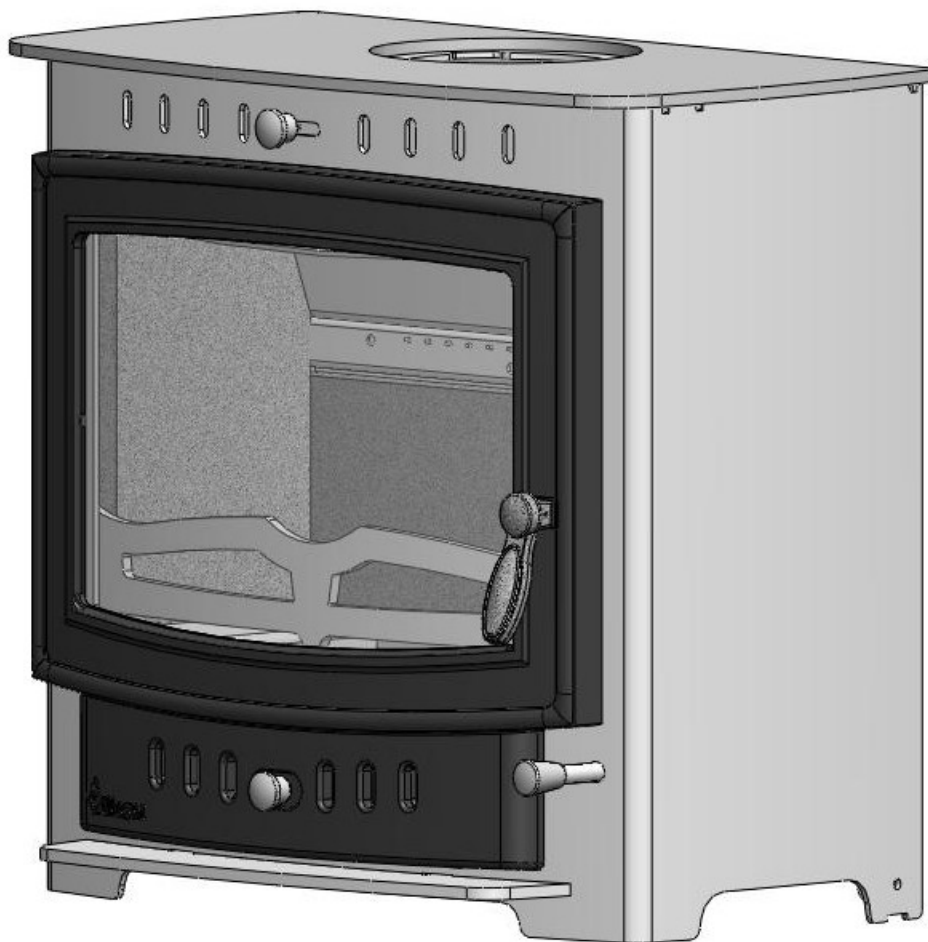


Esprit



PLEASE RETAIN THIS GUIDE FOR FUTURE REFERENCE

BK087

Rev. 02
August 2010
Part No. AFS1437

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PLEASE NOTE—

With reference to the total number of grate bars per stove model, please see enclosed quantities.





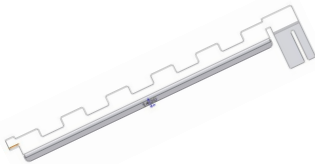
- *ESPRIT 4 = 7 no. Grate Bars*
- *ESPRIT 6 = 9 no. Grate Bars*
- *ESPRIT 8 = 11 no. Grate Bars*
- *ESPRIT 10 = 13 no. Grate Bars*

PLEASE NOTE— *Arada has a policy of continuous product development and therefore we reserve the right to amend the specification without prior notice.
Due to printing cycles, items or options may be described before they are generally available or after they have ceased, so please check with your retailer or dealer.*

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UPGRADE KIT PART IDENTIFICATION TABLE

PART DESCRIPTION	Visual Aid (not to scale)	Esprit 4	Esprit 6	Esprit 8	Esprit 10
Multi Fuel Kit (includes Fixings)		MFKIT ESPRIT4	MFKIT ESPRIT6	MFKIT ESPRIT8	MFKIT ESPRIT10
Replacement Grate Bar Support		AFS1328	AFS1329	AFS1436	AFS1464
Push/Pull rod and knob		AFS1431	AFS1431	AFS1431	AFS1431
Grate Bar		AFS001	AFS001	AFS001	AFS001
Comb		AFS1505	AFS1506	AFS1430	AFS1466

ASSEMBLY PROCEDURE

FITTING THE GRATE

The Grate

The grate in the Villager Esprit stoves, comprises of a series of reciprocating cast iron grate bars, seated on a pivoted 'comb'. All bars in the grate are identical, but every other bar is turned through 180 degrees, with the ends of the bars marked 'H' sitting on the high sections of the comb, and the ends marked 'L' sitting on the low sections.

Assembling The Grate

If you have purchased the riddling grate bar set as an upgrade to a **wood only** burning stove you will need to remove the following items before commencing with the assembly and fitting of the grate. (see page 3 for identification images)

1. Remove the Fuel Retainer
2. Remove the Wood Tray
3. Remove Wood Cover Plug (See Fig 1)

To assemble the grate,

First fit the rear grate bar support into the *left* and *right* Side Landing slots as shown in Fig 2.

Next fit the comb and push/pull rod follows:-

Fit the riddling push rod into the stove body and receiving hole in the right side landing, align the reduced middle section with the slot in the top of the side landing.

Insert the comb into the cut-out hole in the left stove side landing. Align the slot so as to allow the section of the comb and actuator blade to drop into the receiving slot in the right side landing, as the blade section is lowered into place ensure that it locates onto the push rod reduced middle section. Check for free movement by 'riddling' the comb using the push/pull rod.

See Fig 3 a-e. (page 5)

Fit the grate bars to the low sections of the comb first, inserting ends marked 'H' into the rear channel with the groove on the underside of the bar located on the up stand tab, and then lowering end marked 'L' onto the low section of the comb, see Fig. 4. (page 6)

The upper bar is fitted in a similar manner, but with the end marked 'L' inserted in the rear channel, and the end marked 'H' seated on the high section of the comb. See Fig. 5. for the assembled grate layout.

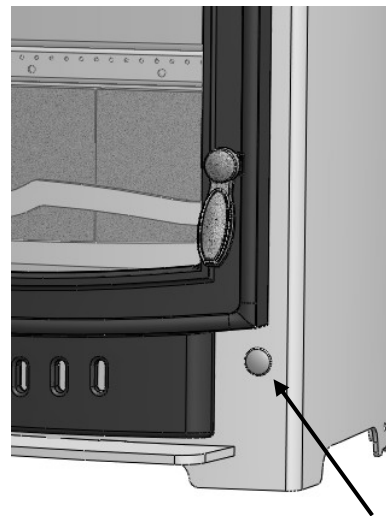


Fig 1

Remove Wood Cover Plug

To remove the cover plug, undo the retaining nut inside the stove ash pit area using a ring ended 17mm spanner. The nut can be accessed inside the stove body via a cut-away section directly behind the head of the cover plug coach bolt.

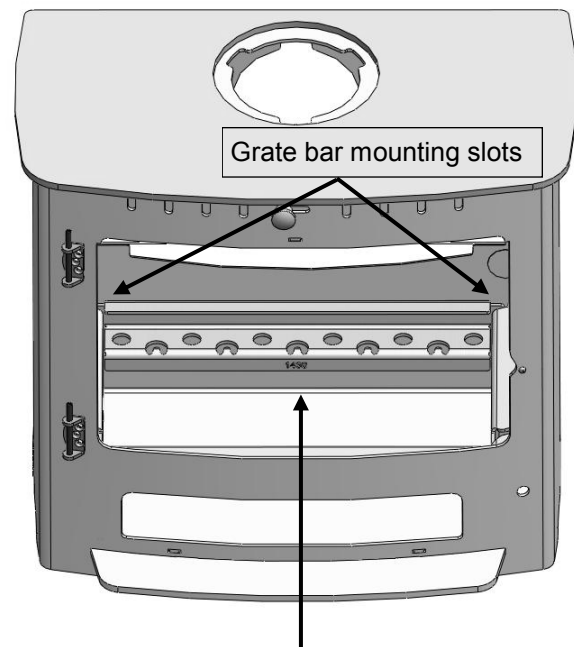
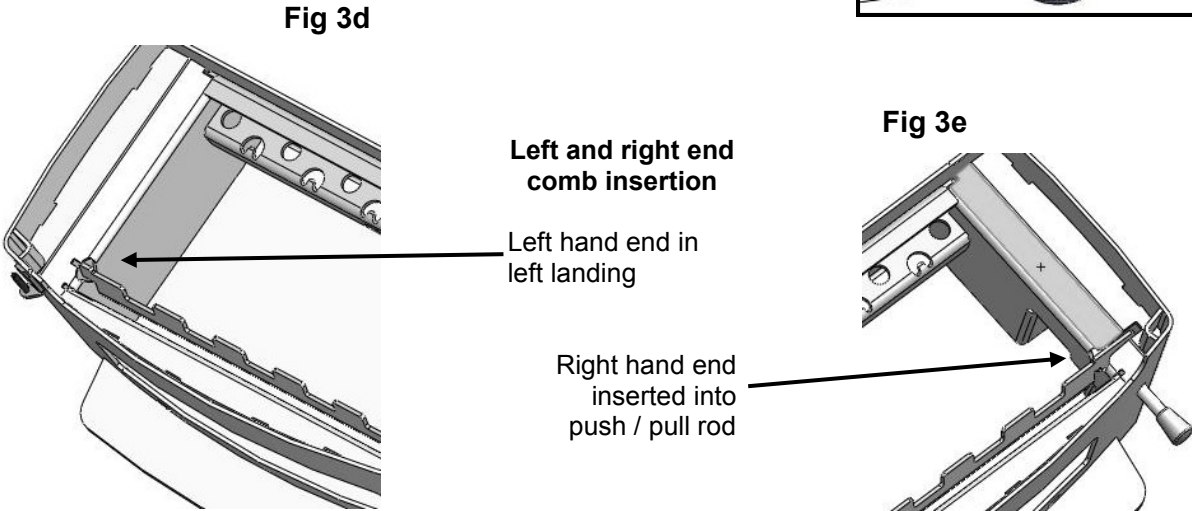
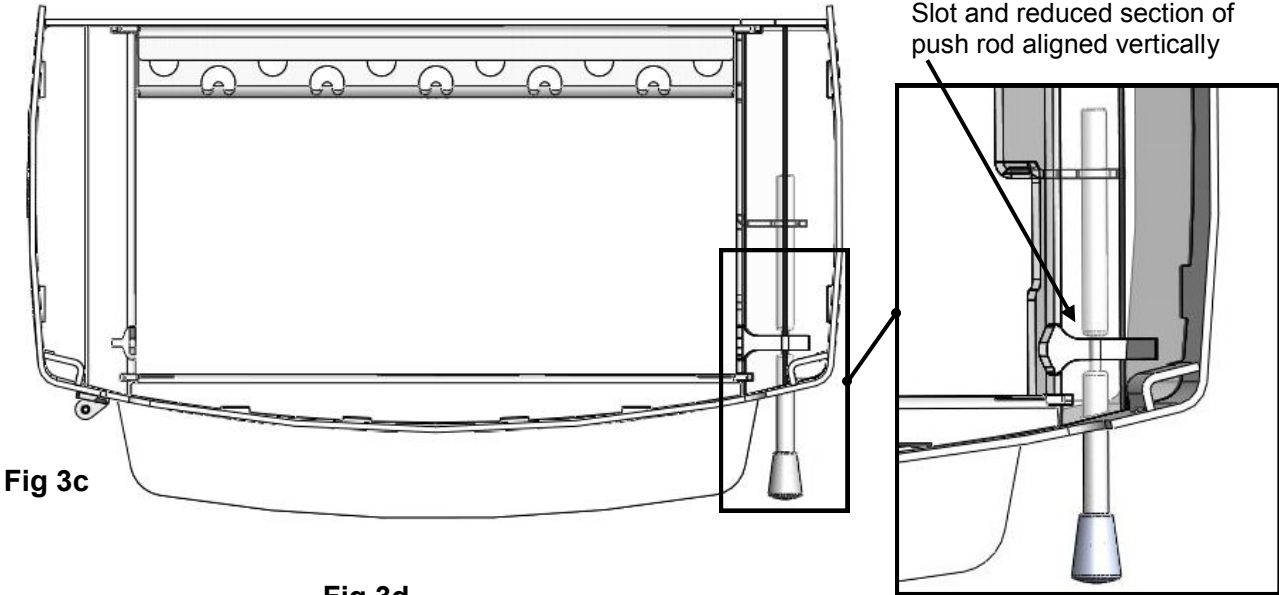
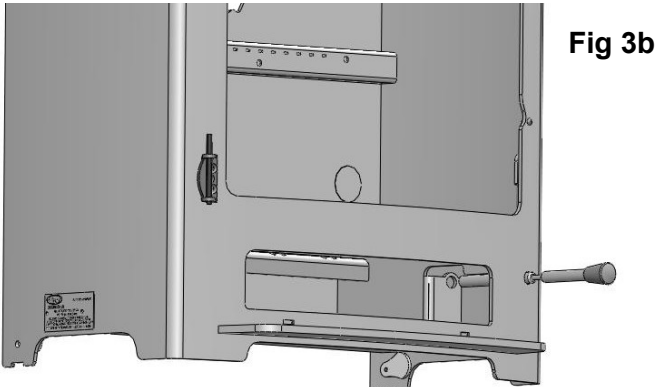
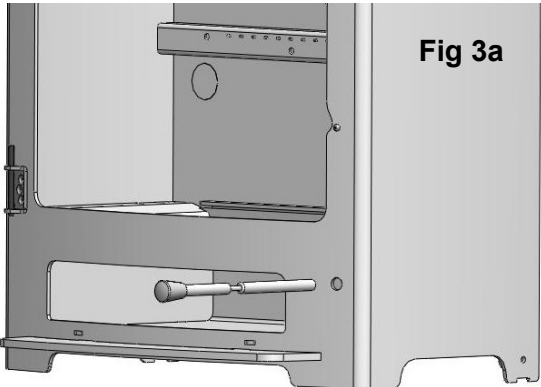


Fig. 2 Rear grate bar support fitted.

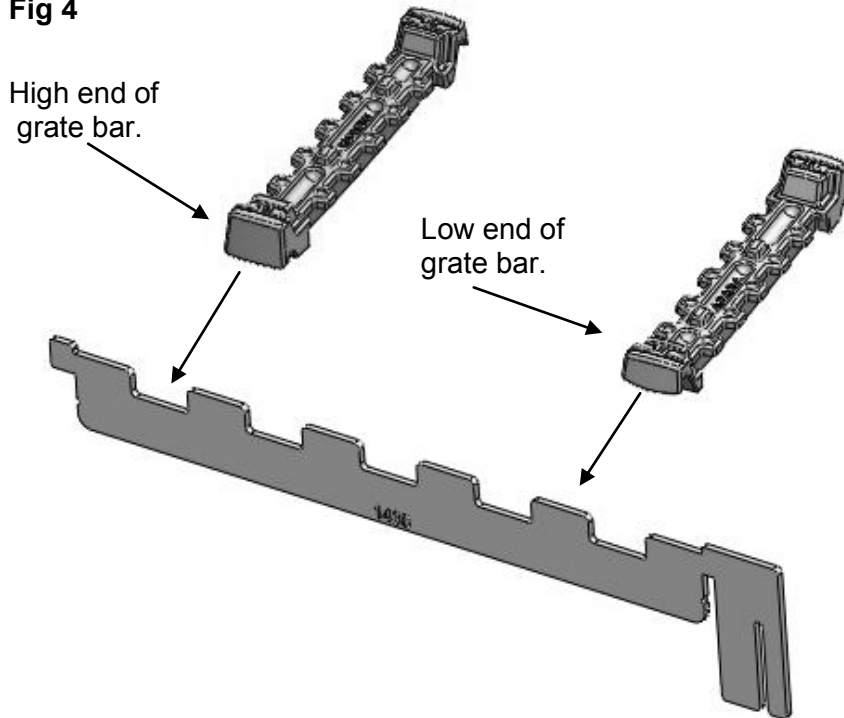
ASSEMBLY PROCEDURE

NOTE—Section views are for clarity, some internal components have been rendered transparent for ease of understanding.



ASSEMBLY PROCEDURE

Fig 4



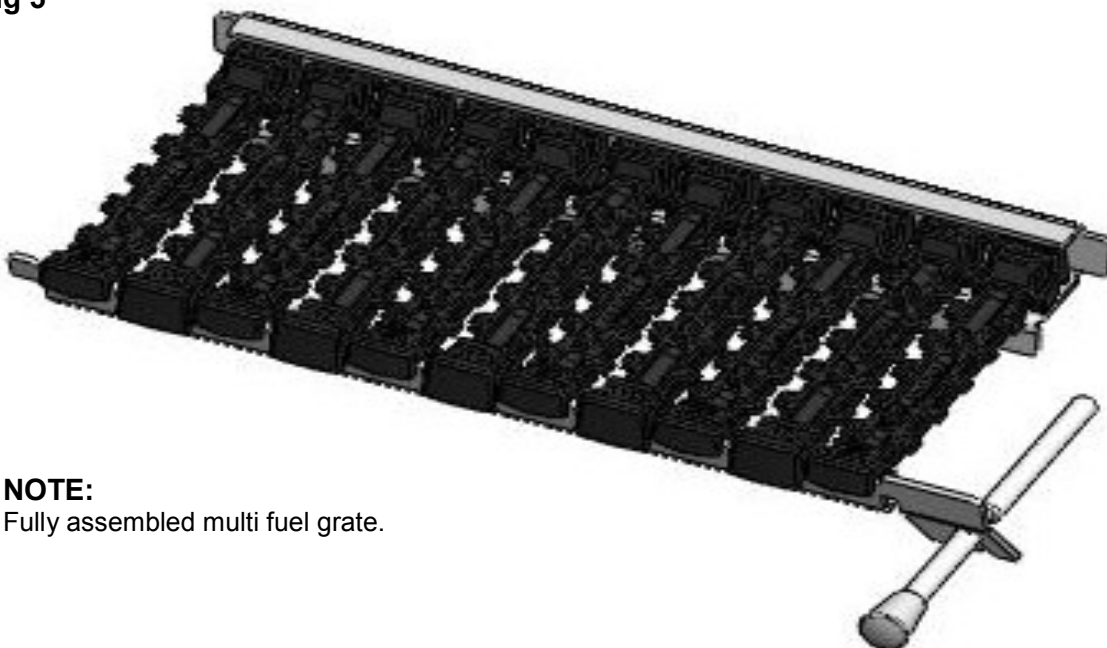
NOTE:

When the grate assembly & installation is complete re-fit the curved fuel retainer removed earlier.

Grate Bar Replacement

After extended use it may be necessary to replace some of the grate bars. Periodic inspection of the bars is recommended and the removal of any nails or wire that may be present after burning wood. All the grate bars in each appliance are identical and can easily be lifted out after the removal of the fuel retainers. Remove damaged grate bars and replace with castings of the same type, fitting as per the instructions on page 4. When re-ordering replacement grate bar, See page 3 of these instructions for the correct spare part code.

Fig 5



NOTE:

Fully assembled multi fuel grate.

BURNING SOLID FUEL

SOLID FUEL BURNING

- Ensure the ash pan is in position
- Set the air wash to one quarter open
- Set the primary air inlet to fully open
See *PRIMARY AIR* Section opposite
- Light as normal with kindling or fire lighter
- If a gas poker is used be sure to remove it as soon as the fire is alight
- Close the fire door
- When the fire is well alight regulate the burning rate by controlling the primary air inlet control
- The air wash can be opened sufficiently to keep the door glass clean

MIXED FUELS

- As per coal but allow addition secondary air
- The primary air inlet can be closed and burning regulated by means of the air wash above the door (s)

ANTHRACITE

Anthracite is more difficult to keep in for long periods, consequently more care in setting the controls and some familiarisation is necessary when burning Anthracite.
Use small size fuels (Stovesse or Small Nuts)
Proceed as for manufactured smokless fuel. Leave the air inlet control open about a quarter or less.

EXTENDED BURNING

The appliance will burn for extended periods provided:-

- Sufficient fuel is placed in the firebox
- The controls are correctly set
- Excess draught is not present in the chimney
- The door is closed
- If the fire goes out with un burnt fuel in the firebox, increase the air opening slightly, and vice versa for the opposite.

In The Morning

Open the air controls fully until embers begin to glow brightly, then place pieces of fuel on the fire until it is well established. Complete re-fuelling can now be undertaken

IMPORTANT

Stop using the appliance if you smell fumes or see smoke escaping.

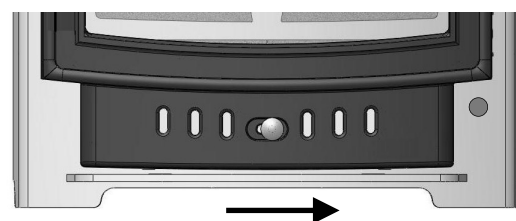
If fume emission does persist, the following immediate actions should be taken :

- Open doors and windows to ventilate room.
- Let the fire die or extinguish and safely dispose of fuel from the appliance.
- Check for flue or chimney blockage, and clean if required.

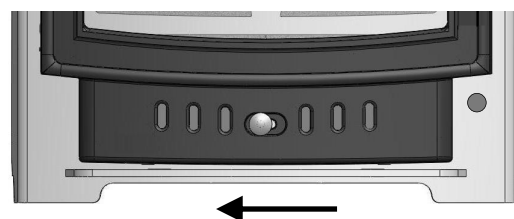
Seek expert advice from your HETAS registered installer. Do not attempt to re-light the fire until the cause of the fume emission has been identified and corrected.

PRIMARY AIR

Air enters the appliance through the control on the bottom of the fire door. The Hamlet Solution has a single control knob which slide left to right. Sliding the knob to the **Right (+)**, will increase the amount of air intake to the stove. To decrease, push the slider to the **Left (-)**



Fully Open Position



Fully Closed Position



Final Factory Check list

Stove Model
Serial No.

***I've checked it
and its O.K !***

Quality / Finish	
Grate Bars	
Rear Grate Bar Support	
Comb	
Riddle Bar Assembly	

Assembled By.....

Checked by.....

NOTE :

If you require any further information or technical information, then please contact our technical helpline on **0844 8475 107.**

Arada Ltd
The Fire Works
Weycroft Avenue
Devon,
EX13 5HU
United Kingdom

Tel: +44(0)1297 35700

Fax: +44(0)1297 35900

www.villager.co.uk
