

Hi-Flame Models HF217, HF217-SE and HF277-SE

Olymberyl® Baby Gabriel® and Horse Flame® Little Artemis

hi-flame
MULTI FUEL STOVES

www.hi-flame.com

Replacing the baffle plate, fire grate and firebricks

Please note: In line with other stove manufacturers, Hi-Flame baffle plates, fire grates and firebricks are regarded as 'consumable' items and are therefore not covered under your warranty – for full warranty details please refer to the Hi-Flame website www.hi-flame.com. Only use genuine Hi-Flame replacement parts which you can buy from your approved Hi-Flame stockist.

A Replacing the firebricks

Firebricks only need replacing when they have become thin or are crumbling and / or the cast iron fire chamber walls have become exposed. Hairline cracks are acceptable and larger cracks can be repaired by using a proprietary fire cement.

- 1** Make sure the stove is cold and that any ash has been removed from the fire chamber. Protect any decorative floor coverings.
- 2** Remove all three of the log retaining bars at the front by lifting upwards.
- 3** There are two right angle retaining clips at the top of the left and right hand side firebrick pairs. These have a slot on the top which 'locks' the clips on to the vertical lid retaining bars. Slide the clips towards you. This should enable you to easily remove the firebrick pairs. Please note, occasionally the side bricks may need to be eased upwards and outwards to lift them clear from the base retaining lip on the fire grate carrier frame.
- 4** The rear firebrick can then also be easily removed.
- 5** At this point it is probably worth dropping the baffle plate down to remove any build up of soot or other debris (see 'B' below).
- 6** Replace the firebricks as necessary, putting the rear firebrick in place first, followed by the side pairs and retaining clips.

B Replacing the baffle plate

In order to remove the baffle plate, the firebricks need to be removed to provide space to manoeuvre the baffle plate downwards and outwards. See 'A' above on how to remove the firebricks.

- 1** Remove all the firebricks – see 'A' above. Inspect for signs of deterioration and replace if necessary.
- 2** Push the baffle plate upwards as far as it can go on the left or right hand side, whichever is easier. This angle should then provide you with enough space to enable the baffle to clear the retaining ledges on which it was located.
- 3** Drop the baffle down at an angle to clear the ledges and at the same time swing the lower end towards you, continuing moving it out of the fire chamber. Space will be tight but you should still be able to remove it.
- 4** Inspect and replace the plate if necessary ensuring that any soot and debris are removed from the flueway.
- 5** Reverse these instructions to re-fit the baffle. Make sure the baffle is securely located on all retaining ledges and that it makes complete contact with the fire chamber back.

C Replacing the fire grate

- 1** Make sure the stove is cold, the ash pan has been removed and that the fire chamber is also clear of ash.
- 2** Unscrew the chrome riddling bar knob. Rotate the fire grate manually so that the bar clears the stove wall. NB On some early models there is also an additional connector screw joint half way along the riddling bar which will also need to be disconnected.
- 3** Push the fire grate upwards from underneath so that both the grate and bar can then be lifted upwards and removed.
- 4** Reverse these instructions to re-fit the replacement grate. Ensure that the riddling function is still working.
- 5** If the fire grate carrier frame also needs to be replaced then follow 'A' above to access the plate and 'B' to provide space to maneuver the old and new carrier frames inside the fire chamber.