

1. INSTALLATION

NOTE: Easy Fit flue basic kit is designed for installation from inside the building.

1.1 Flue System Diagram

NOTES

1. The basic kit provides maximum wall thickness of 625mm less the gap between the back of the boiler and the wall.
NOTE: The flue pipe is 625mm from the free end to the start of the groove. The groove is for the wall cover/rosette.
2. Sealing/reducing bush must be inserted before connecting the flue pipe, as described in section 1.5.
3. Standard extension pieces may be ordered to extend the max flue length from 625mm to 7.00metre. However, the flue sections must be installed with a fall back to the boiler of 50mm per metre.

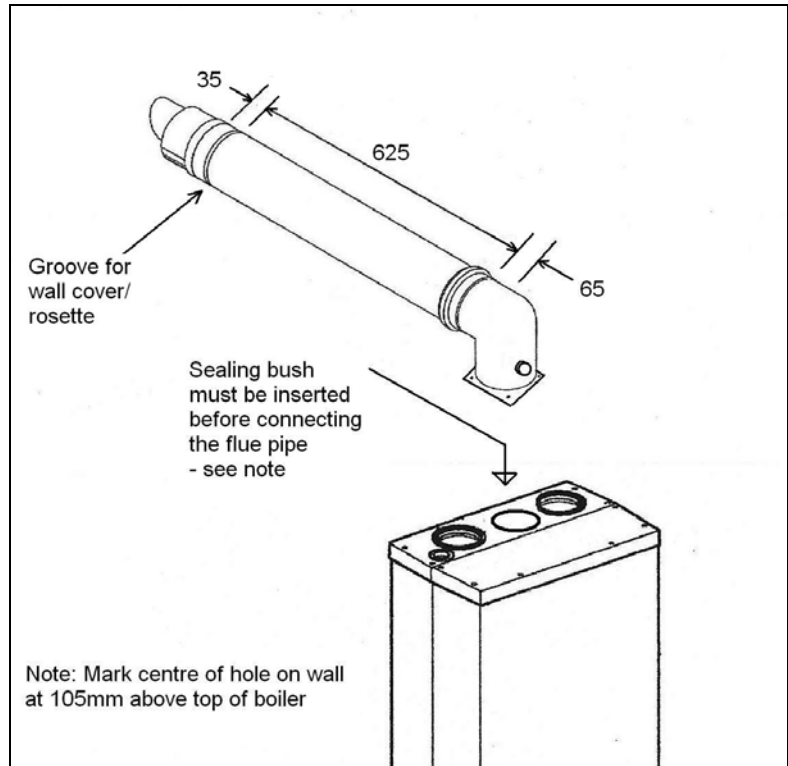


Figure 1

1.2 General Requirements

1. The centre of the flue terminal must be at least 2.06m from the ground. Otherwise the gas regulations require a flue terminal guard to be fitted, which could cause the plume to condense and dripping to occur.
2. The flue terminal should not be sited where a car may be parked immediately in front of the terminal.

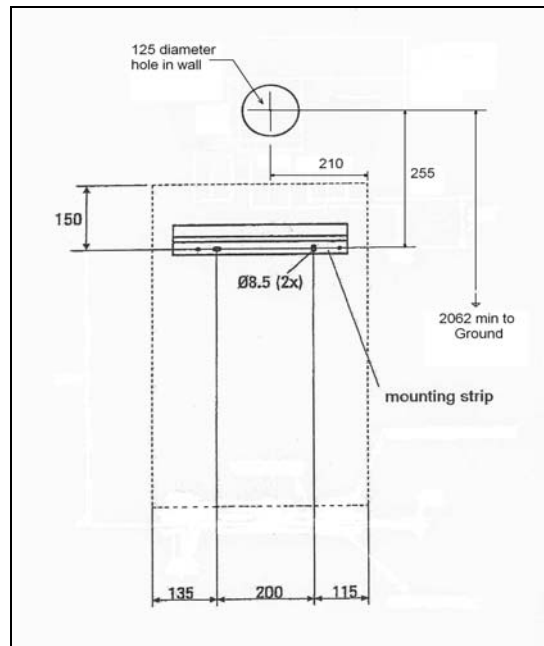


Figure 2

1.3 Contents of kit

- A. White aluminium outer pipe 100mm diameter with inner plastic pipe 60mm diameter.
- B. Flue concentric elbow with sealing plate.
- C. Reducing bush with red seal (fit seal if supplied as loose item).
- D. Sealing cap.
- E. Outer wall cover/rosette (grey).
- F. Internal wall cover/ rosette (white).
- G. Packet with fixing screws for flue elbow sealing plate/clamp.

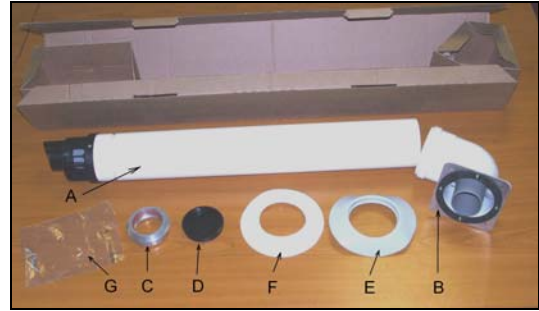


Figure 3

1.4 Preparation

Note: Drill hole without boiler to stop debris entering the boiler.

1. Drill horizontal hole of 125mm diameter through the wall at a centre height of 105mm above the top of the boiler (255mm above the fixing holes of the mounting strip – see Fig 2).
2. Widen this hole out at the bottom by about 10mm, from the surface of the interior wall to a depth of 50mm.
3. Measure the wall thickness, and add the gap between the boiler & wall, to give the length required of the outer pipe from the groove (see note 1 in section 1.1). Cut the open end of outer pipe to this length and measure the discarded length.
4. Cut off the same discarded length from the inner pipe.

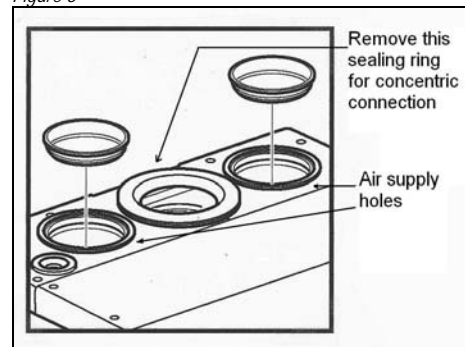


Figure 4

1.5 Fitting the reducing bush – IMPORTANT!

1. Seal the open air supply holes in the appliance with the sealing cap delivered with the set (item D in Fig 3) and the sealing cap delivered with the boiler.
2. Remove the sealing ring around the flue discharge in the appliance (as shown in Fig 4).
3. Then fit the reducing bush (item C in Fig 3), pushing until fully in position.



Figure 5

After removing the rubber sealing ring, insert the reducing bush

1.6 Fitting the Flue pipes

2. Fit the outer wall rosette (grey) over the pipe to fit into the groove & fit the white one onto the elbow, using soapy solution if tight.
3. Push the elbow into the flue pipe, ensuring correct alignment. This is indicated by the arrow pointing upwards (on flue outlet - see Fig 6). This ensures that the inner pipe slopes correctly down towards the boiler. Use a screw provided to clamp the flue elbow to the pipe.
4. Ensure that the screws holding the sealing plate to the flue elbow are tightly in place.
5. With the outer rosette correctly in position, push the flue pipe through the hole in the wall to clear the outer rosette & back to make it seal.
6. The flue pipe should be supported in the horizontal plane or with a fall back to the boiler (see also Section 1.1 note 3). The flue can be permanently cemented in, although the rosettes should give adequate seal.
7. Push the flue elbow firmly down onto the sealing bush.
8. Use the 4 screws provided (self drilling type) to screw the elbow to the top of the casing (using Phillips screwdriver).
9. Check that the internal wall rosette is correctly positioned.
10. At the outside of the wall, check that the outer wall rosette is correctly in place.



Figure 6

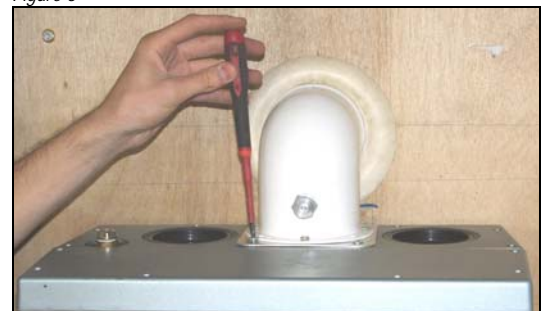


Figure 7