

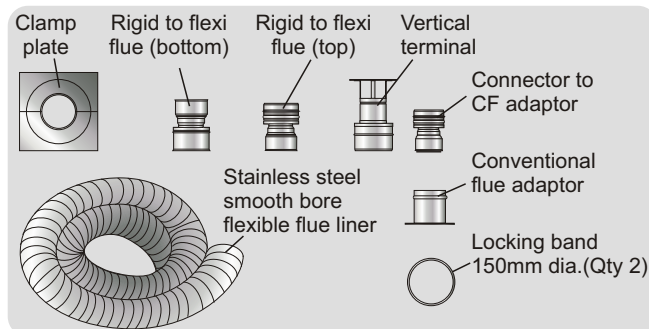


# Conventional Flue System

## Assembly instructions for *Orange* System

Incorporating smooth bore flexible flue liner suitable for Grant Vortex Condensing Boilers

### Contents of Grant EZ Fit Flexi Pack



The pack includes a smooth bore flexible stainless steel 100mm diameter flue liner with chimney top clamp and plate, a rigid to flexi adaptor for the top of the liner, a rigid to flexi adaptor for the bottom of the liner, a terminal with locking band, a boiler connector suitable for Grant Vortex condensing boilers and a connector from the boiler adaptor to rigid flue with locking band.

### Extensions

A range of white powder coated twin wall extensions are available to connect the boiler to the flexible liner. The external diameter of the extensions is 150mm. Extensions are supplied with locking bands. Flue extensions cannot be cut. An adjustable extension is available. 45° elbows are also available.

**IMPORTANT. Locking bands are directional and must be fitted with the clip mechanism on the right hand side .**

### Assembly instructions

Refer to diagram overleaf

1. Unpack the flexi pack flue kit and check the contents of the kit. Note that the liner has arrows pointing in the direction of the flue gas flow. The liner must be fitted with the arrows pointing upwards.

2. Ensure that the existing chimney has been thoroughly swept.

3. Working from the top of the chimney, insert the flexible flue liner **D** into the chimney. From below, ensure that the liner will be long enough to reach the boiler connecting flue assembly. Position the clamp plate **E** on the top of the chimney and secure the liner using the clamp supplied.

4. Cut off any excess flue liner at the top of the chimney allowing a minimum of 70mm of liner to protrude from the top of the clamp plate.

**IMPORTANT. Refer to enclosed guide sheet for correct method of cutting flue liner.**

5. Attach the flexi to rigid top adaptor **F** to the top of the flexi liner and secure using the locking screws. Seal around the joint using the mastic sealant supplied.

6. Lubricate the black seal of connector **F** and push fit the terminal **G** to connector **F**. Fit the locking band over the joint.

7. The top of the chimney must be flaunched with mortar ensuring that the clamp plate **E** is fully covered.

8. Working at the base of the liner attach the flexi to rigid flue adaptor **C** to the end of the liner. Secure in place using the locking screws. Seal around the joint using the mastic supplied.

9. Remove the boiler top casing panels.

10. Select the boiler adaptor **A** and place it centrally on the flue outlet on the top of the boiler water jacket.

11. Take the stainless steel bolt supplied with the Grant Vortex boiler and place it through the bracket in the boiler adaptor. Tighten the bolt to secure the boiler adaptor to the top of the boiler.

# ASSEMBLY INSTRUCTIONS



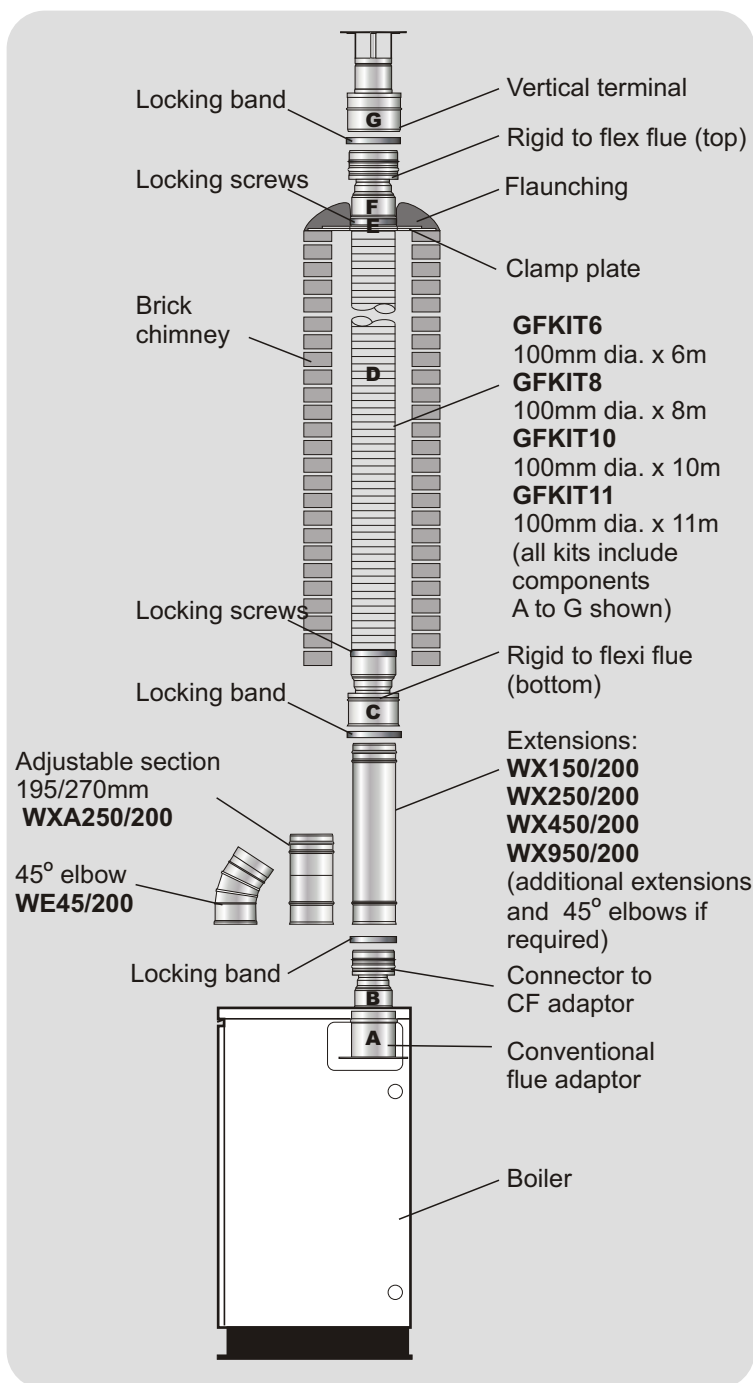
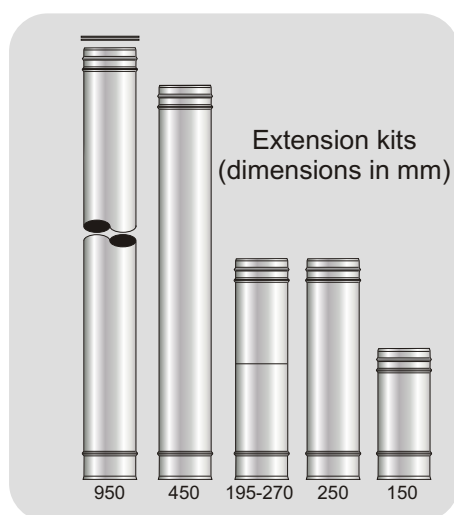
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12. Take connector **B** and lubricate the black seal using the lubricant supplied. Insert connector **B** into the boiler adaptor ensuring that the black seal is uppermost.

13. Remove the blank from the top rear panel and cut the hole in the insulation. Refit the top rear panel to the boiler.

14. Connect the liner to the boiler connector adaptor using extensions or elbows as required.

Ensure that the black seals on the connecting components are lubricated and that the components are secured using the 150mm locking bands supplied.



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