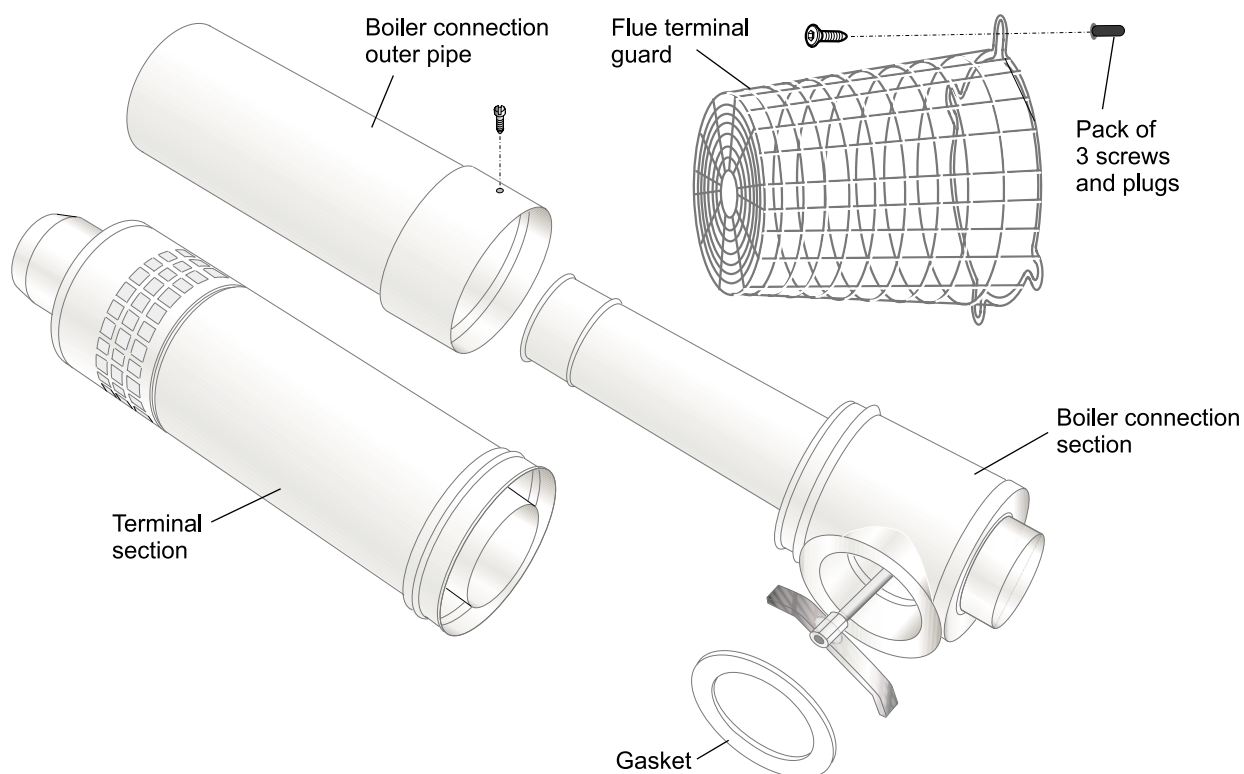


SUPPLEMENTARY INSTALLATION INSTRUCTIONS

Low Level Concentric Balanced Flue Kit

All Euroflame, Multipass, Vortex, Combi and Boiler House Models

**THIS SUPPLEMENT SUPERSEDES THE FITTING INSTRUCTIONS IN THE
INSTRUCTION MANUAL SUPPLIED WITH THE BOILER**



Telescopic dimensions (mm)	
Short kit	Standard kit
270 - 350	370 - 550

Kit Contents

Measured from the centre of the boiler flue spigot to the outside wall.
Measurements apply to both 50 - 90 000 Btu and 90 - 200 000 Btu kits.



FITTING INSTRUCTIONS

1. Decide on the boiler location.
2. Lift off the boiler case top panels.
3. Remove and discard the rectangular 'knock out' section from side or rear boiler panel as required.
4. Prepare the hole in the wall as shown in the installation manual supplied with the boiler.
5. Unpack the flue kit and check the contents.

Note: For Boiler House models an air supply kit, Part No. EZAS (air 'snorkel' tube, burner spigot and hose clip) must be used. Contact Grant stockist for details.

6. For side flue outlet: Fit white painted dress plate supplied with the kit—ensuring hole is towards rear of boiler.

Note: For a gap of less than 50 mm between the wall and the side of the boiler, it is recommended that NO dress plate be fitted.

7. Take the boiler connector section and remove the self tapping screw holding the outer pipe and remove the outer pipe (Fig. 1).

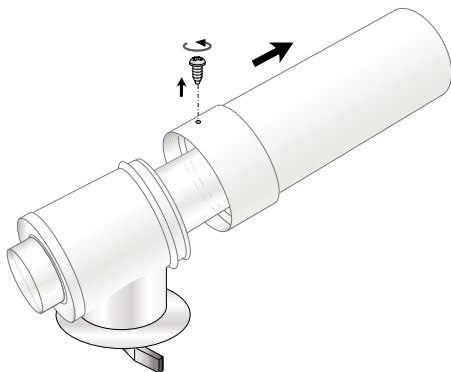


Fig. 1

8. **All models except Vortex** – Place the circular white fibre gasket into the boiler flue spigot (Fig. 2).

DO NOT USE THE WHITE FIBRE GASKET ON VORTEX MODELS.

9. **Vortex only** - Remove T-bar & clamp bolt from boiler connection section – retain spacer sleeve. Fit steel washer and sealing washer onto the 150 mm long clamp bolt (supplied in the boiler accessory pack). Fit spacer sleeve onto clamp bolt and holding the spacer sleeve against sealing washer, insert clamp bolt into hole in top of boiler connector section.

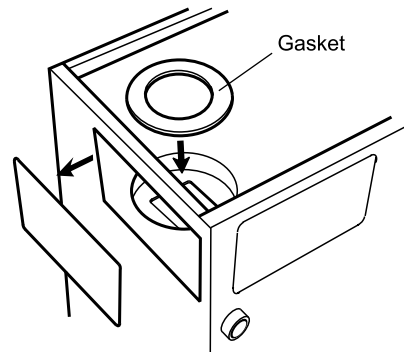


Fig. 2

10. **All models except Vortex** – Pass the boiler connector section through the hole in the casing and locate the T bar through the flue outlet hole (Fig. 3).

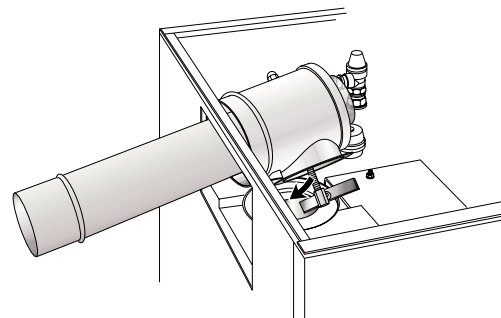


Fig. 3

11. **Vortex only** - Position flange of connector section onto cork flue outlet gasket. Engage clamp bolt into threaded socket (in centre of flue outlet).
12. Hand tighten clamp bolt at this stage.
13. Refit the outer pipe to the boiler connector section. Align the pre-drilled hole in adjustable sleeve with the hole in the top of the connector section. Secure using self-tapping screw previously removed (Fig. 4).

Note: Lubricate all the seals in **both** the inner and outer sections with the lubricant supplied and assemble with a twisting motion.

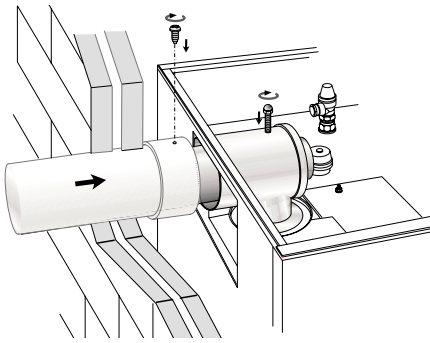


Fig. 4

14. From outside the building - fit terminal section through the hole in the wall. Engage onto boiler connector section (Fig. 5).

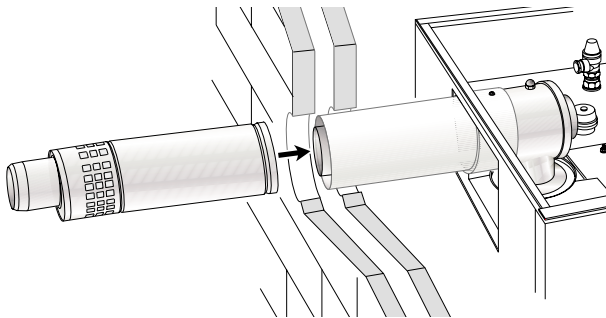


Fig. 5

15. From outside building – rotate terminal section to position ‘TOP’ label uppermost (Fig. 6).

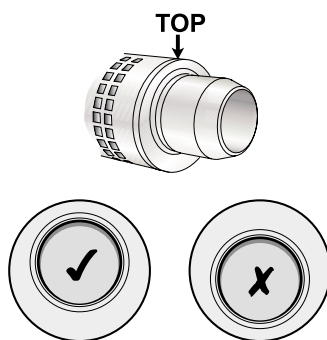


Fig. 6

16. Pull out terminal as required, aligning groove around terminal with outer surface of wall.

IMPORTANT. Ensure that air inlet holes around outer surface of terminal are not obstructed.

17. Tighten the domed nut on the threaded bar on the boiler connector ensuring a good seal is made.
18. Fit the wall dress plate supplied over the terminal using a suitable silicone sealant.
19. Fit the stainless steel flue guard supplied using the stainless steel screws and rawl plugs provided (Fig. 7).

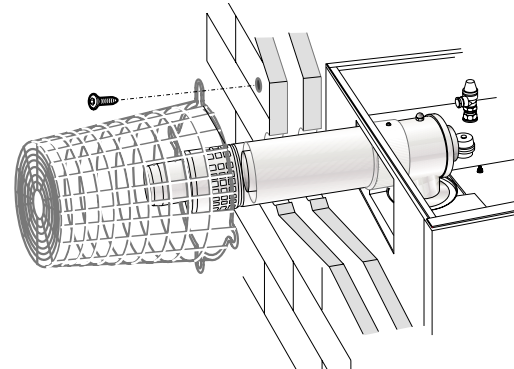


Fig. 7

THE FLUE GUARD MUST ALWAYS BE FITTED TO PROTECT PERSONS FROM HOT FLUE PARTS AND TO PREVENT ENTRY OF OBJECTS INTO THE FLUE PIPE.

20. **All models except Boiler House** - Connect air ‘snorkel’ tube to air inlet spigot on boiler connection section. Secure using hose clip supplied.
21. **Boiler House models only** – Unpack the air supply kit.
22. **Riello burners only** – Remove the air inlet grill from the burner. Fit the air inlet adaptor to the Riello burner using the gasket and screws provided.
23. **Riello and Stirling 90 burners** - Fit the air supply tube to the burner air inlet using the clamp supplied with the air supply kit. Connect air ‘snorkel’ tube to air inlet spigot on boiler connection section. Secure using hose clip supplied with the flue kit.

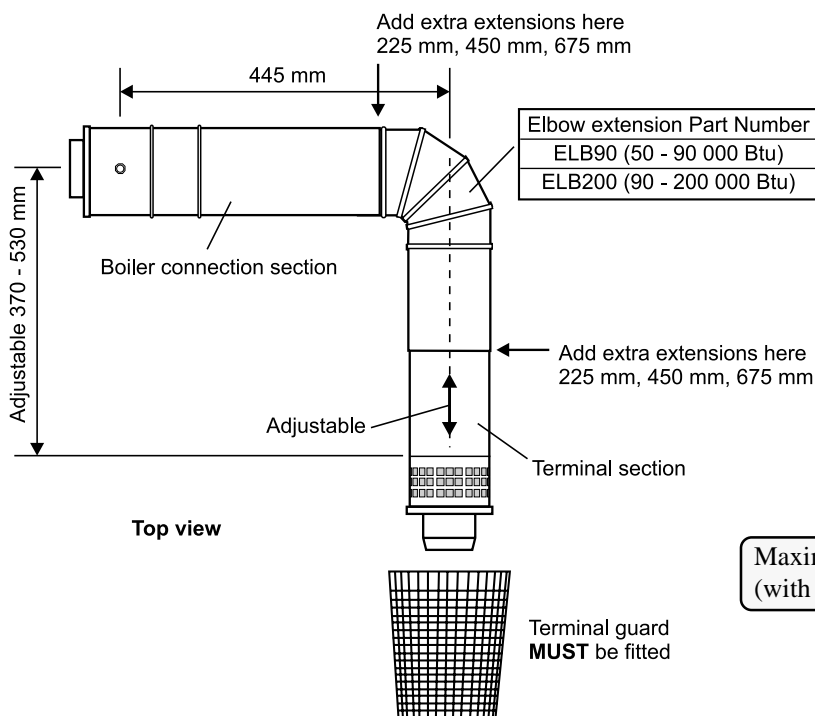
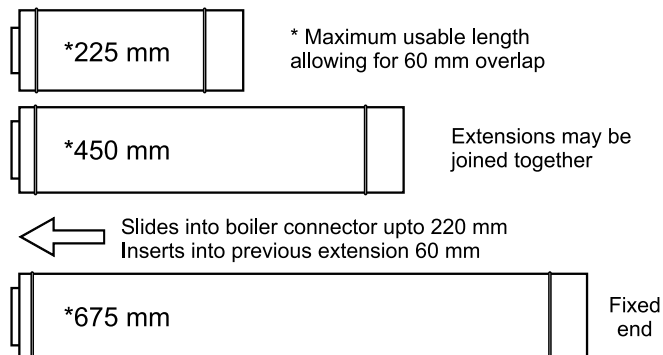
FITTING INSTRUCTIONS

The flue kits are telescopic and available in short or standard lengths. The flue cannot be extended beyond the maximum length stated in the installation manual supplied with the boiler
For wall thicknesses greater than shown, three extensions are available which extend the flue by 225 mm, 450 mm or 675 mm. A 90° elbow is also available.

The following flue extensions are available

Part Numbers	
Boiler output	
50 - 90 000 Btu	90 - 200 000 Btu
X90S	X200S
X90M	X200M
X90L	X200L

IMPORTANT - Flue extensions cannot be cut



Maximum horizontal run allowed is 2.0 metre
(with or without additional elbow extension)



GRANT ENGINEERING
CRINKLE, BIRR, CO. OFFALY.
Telephone: (0509) 20352 / 20089

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