



ADDENDUM
to
INSTALLATION INSTRUCTIONS
for
Flexible Vertical Balanced Flue
'Red' System

DOC.33-01/04 Rev.01 July 2013

ATTENTION INSTALLER - UPDATED INFORMATION!

This Grant 'Red' Flue System has several changes that differ from the Installation Instructions supplied with the kit. These changes are part of our continued product improvement process.

Please read this Addendum and use the information in conjunction with the corresponding sections of the Installation Instructions (as indicated below).

After commissioning, please leave both the Installation Instructions and this Addendum sheet with the user for future reference.

General - Page 2

The following changes have been made to the 'Red' flue system:

The Vertical concentric flexible flue now consists of a flexible stainless steel inner flue liner inside a flexible stainless steel outer flue liner (and not a plastic outer liner, as previously used).

The rigid flue to flexible adaptor (Item G – page 5 of Installation Instructions) has changed to suit the connection of the both the inner and outer stainless steel flexible flue liners. Refer to Figure A.

The third locking band is now unpainted stainless steel (and not plastic, as previously used). This locking band is to secure the outer stainless steel flexible flue liner to the adaptor. Refer to Figure B.

Kit Contents - Pages 4/5

The following changes have been made to 'Pack 1- Flue Components':

The 2-piece plastic outer flex clamp (Item H) has been replaced by a 1-piece stainless steel clamp band. Refer to Figure B.

The stainless steel connector (Item J) has been replaced by a stainless steel clamp band. Refer to Figure C. The rubber gasket (Item I) is no longer required due the changes to the rigid flue to flexible liner adaptor (Item G).



Figure A. Rigid to flex adaptor



Figure B. Outer flex liner clamp band



Figure C. Inner flex liner clamp band

Fitting Procedure – Pages 7 to 9

Due to the changes to the Red flue system, there is also a change to Sections 3 and 4 of the 'Fitting Procedure' as given on pages 6 – 10 of the Installation Instructions supplied with the flue system kit. These Changes are as follows:

Section 3 – Fit the flexible flue liners

Please use the following information in place of the first four parts of Section 3 (on pages 7 and 8) and then follow the 'Fitting Procedure' as in the Installation Instructions provided:

- Before installing the flue system, the chimney should be
 - a) inspected for deterioration and, if necessary, any remedial work carried out.
 - b) Swept to remove any soot and other deposits.
- Fit the outer stainless steel liner into the chimney. This outer flue liner should be pulled down the chimney using a nose cone and string/rope.
NB. The stainless steel outer liner is non-directional and can be installed either way up.

WARNING

Grant strongly recommend that, prior to installation of the outer liner, a test length of outer liner is pulled through the chimney first to ensure it is of suitable size and free from internal obstructions that could either damage or prevent installation of the liner. This test length should be approx. 1.5m in length and fitted with a nose cone and string/rope at each end.

If this guidance is not followed, any damage to the outer liner due to internal obstructions in the chimney will NOT be covered by the product warranty.

- Cut the bottom end of the outer liner square and remove ALL burrs and jagged edges.
Do NOT cut off any excess liner at the top of the chimney at this time.
- Fit the inner stainless steel liner down inside the outer liner.
Do NOT cut off any excess inner liner at the top of the chimney at this time.

IMPORTANT

The stainless steel inner liner is directional and MUST be installed the correct way up. Refer to the black arrows marked on the liner. These arrows indicate the direction of the flue gases and should point UPWARDS when the liner is installed.

- Cut the end of the inner liner square and remove ALL burrs and jagged edges.
- Place the two stainless steel clamp bands on the adaptor before fitting the inner flexible liner. Refer to Figure 16.
- Ensure the straight edge of both clamp bands is pointing down (to fit onto the outer surface of the adaptor) and the angled edge is at the top (to fit onto the corrugations of the liner).
- Fit the end of inner stainless steel liner onto the centre connection of the rigid to flex adaptor. Push inner liner down and into the socket. Refer to Figure 17.



Figure 16. Put clamp bands on adaptor



Figure 17. Fit inner liner onto adaptor



Figure 18a. Apply sealant to liner/connector



Figure 18b. Tighten clamp band

- With inner liner fitted fully into the inner socket of the adaptor, apply a bead of sealant (provided with the flue kit) all around the joint between the top edge of the socket and the inner flue liner. Refer to Figure 18a.
- Without disturbing the joint between the inner liner and socket, position the clamp band over the joint. Close the toggle clip ensuring that the sloping top edge of the clamp band grips into the corrugations of the inner liner.
- Tighten the clamp band screw using a 3mm Allen key to firmly secure the inner liner to the adaptor. Refer to Figure 18b.
- Pull down the outer stainless steel liner to fit inside the outer socket of the rigid to flex adaptor.

- Ensure that outer liner is inserted to the full depth of the adaptor socket.



Figure 19a. Clamp band on adaptor



Figure 19b. Tighten clamp band screw

- Position the stainless steel clamp band provided over the joint between the outer liner and adaptor socket. Close the toggle clip ensuring that the sloping top edge of the clamp band grips onto the corrugations of the outer liner. Refer to Figure 19a.
- Tighten the clamp band screw using a 5mm Allen key to firmly secure the outer liner to the adaptor. Refer to Figure 19b.

IMPORTANT

The rigid to flex adaptor must always be fitted VERTICALLY as shown above.

Now continue the flue installation procedure in the installation Instructions provided for the remainder of Section 3.

Section 4 – Fit the flue terminal

Please follow the 'Fitting Procedure' as in Section 4 of the Installation Instructions provided (on pages 8 and 9), but noting the following points:

- The outer flex liner is now stainless steel and NOT plastic. There are NO plain sections on this stainless steel liner so disregard references to plain sections on the plastic liner.
- Cut off the OUTER stainless steel liner a minimum of 25mm above the top plate (not 20mm as shown in the Installation Instructions).
- Cut of the INNER stainless steel liner between 75 and 100 mm above the top edge of the outer liner.



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