

# FlueCube – Installation Guide

The FlueCube is designed to be compatible with standard types of chimney flues and scenarios, including those listed below, and comes complete with standard hardware necessary for fitting:

1. As a suspending cowl, whereas the FlueCube suspends a flexible liner
2. To a chimney pot with an existing flexible liner already independently suspended
3. On to a twin-walled insulated flue

Note: The FlueCube can be installed on an existing, or new flue of compatible size\*, with, or without a chimney pot. If no pot is used, the FlueCube will require raising off the chimney slightly to keep the vents open. It is important to securely mount it also, using straps provided, and or alternative fixings. Additional weather flashing may be required when used without a pot, or for square pots.

\*A flue should not be significantly reduced in diameter/flow, causing a bottleneck.

Building regulations must be adhered to.

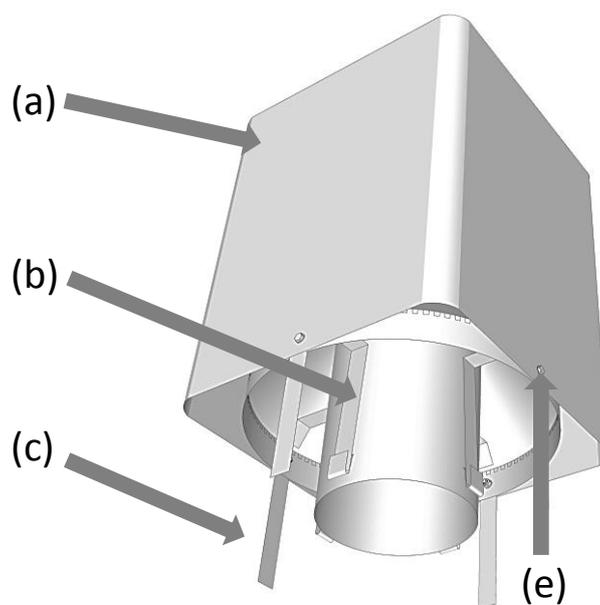
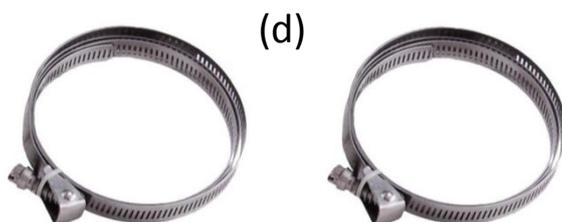
## Pothanger Version

**The construction consists of the two main components:**

- (a) Main Body
- (b) Base Cone with integral tube, pot rests and inner legs

**Secondary components:**

- (c) X4 Outer Legs
- (d) X2 fitting straps
- (e) M6 Nuts, bolts and washers



The FlueCube Main Body, Base Cone and Outer Legs are factory assembled with M6 nuts, bolts and washers.

**Consumables:**

High Temperature Sealant (600 C +)

Note: The FlueCube can become very hot, and standard heat-resistant silicone based products will break down and fail. It is essential to have a good seal right from the wood stove to the inlet of the Flue Cube.

## Installation to Suspend a Flexible Liner from Chimney Pot (as pothanger):

Preparation:

*The following explains how to attach to a new liner. Attaching to an existing liner is technically possible but will be dependent on individual cases, and factors such as how much slack is in the length of the liner.*

### Attaching the Fluecube to the flue liner

1. Apply sealant completely around the Base Cone tube at a level that will sit within the flue. About 50mm (2") up from the bottom of the tube is ideal.
2. Slide the tube into the liner ensuring the inner legs are passing outside of the liner. The tube must be pushed all the way into the inner until it contacts the top of the inner legs (fig1).
3. Pass one of the stainless steel bands around the flue liner and through the upturns at the bottom of the inner legs.
4. Tighten the strap with a screwdriver and trim off any excess strap if necessary (fig1).

Note: additional security between the liner and tube can be achieved with self-drilling screws (not supplied) driven through the liner into the sleeve.

### Mounting the FlueCube to the chimney

1. With the Fluecube attached to the flue, lower the assembly until the Pot rests contact centrally on the top of the chimney pot (fig2).
2. Bend the outer legs down the outside face of the chimney. (fig3)
3. Position the stainless steel band around the outer legs and tighten with a screwdriver until the Fluecube is completely secure.
4. Bend the bottom of the outer legs back upwards over the stainless steel band and trim if necessary (fig3).

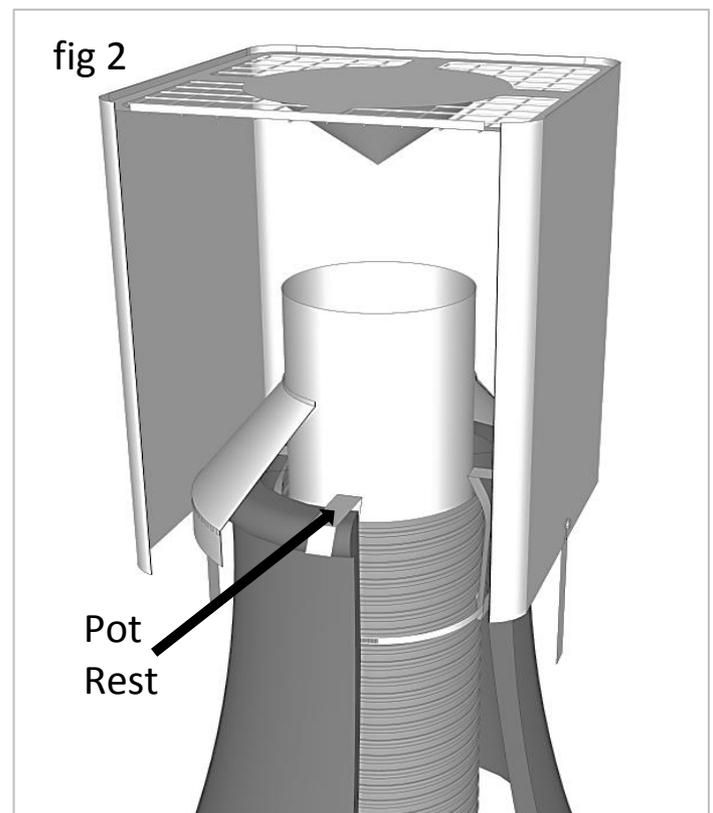
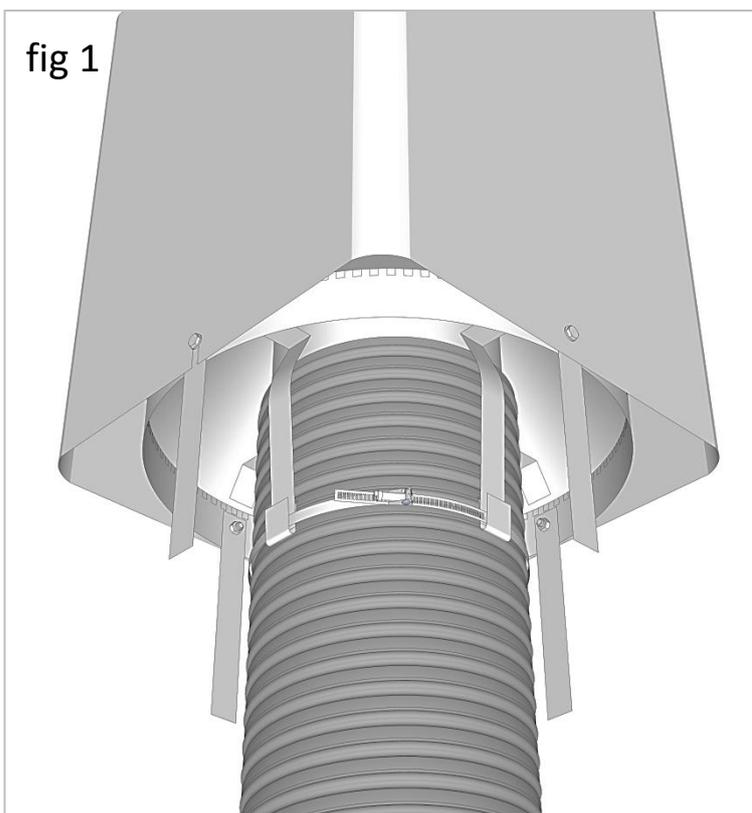
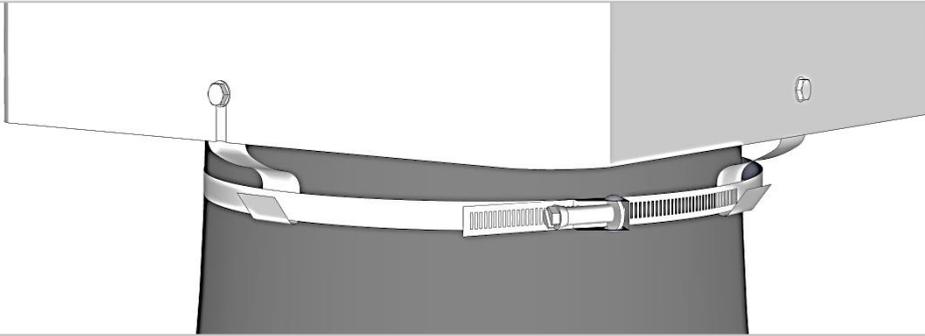


fig 3

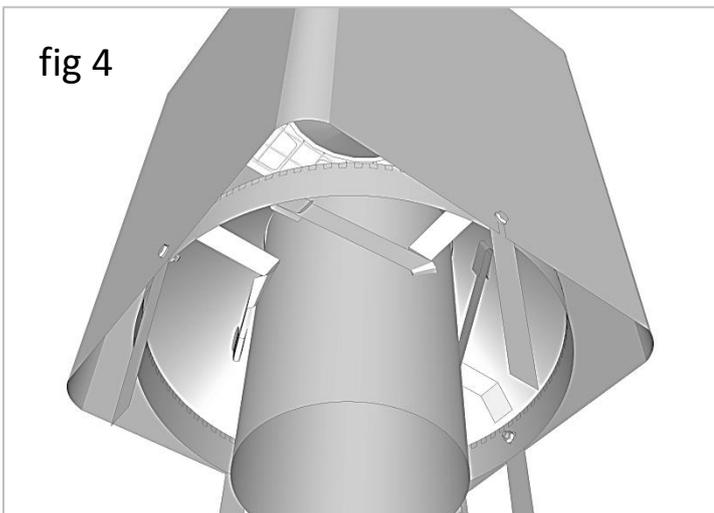


### Installation to pot with existing independently suspended flexible liner:

This method is to be used on existing lined flues where the liner does not need to be supported by a cowl. It is the most likely installation process for when there is an existing flexible flue liner in place, with, or without an existing cowl.

1. Remove any existing cowl and ensure inside the end of the liner is clean and not bent.
2. The existing liner needs to end within 70mm from the top of the pot. If not, it will need extending to this level. Single wall flue is recommended. The connection needs to be safely secured, and sealed with the high temperature sealant.
3. Fold the internal legs away from the Base Cone Tube (fig4)
4. Apply sealant completely around the Base Cone tube at a level that will sit within the flue liner. About 50mm (2") up from the bottom of the tube is ideal.
5. Slide the Base Cone tube into the flue until the Pot rests centrally on the top of the chimney pot. If the internal legs interfere with the mounting of the unit onto the pot they can be cut off just below the spot welds (fig5).
6. Bend the outer legs down the outside face of the chimney. (fig3)
7. Position the stainless steel band around the outer legs and tighten with a screwdriver until the Fluecube is completely secure.
8. Bend the bottom of the outer legs back upwards over the stainless steel band and trim if necessary (fig 3).

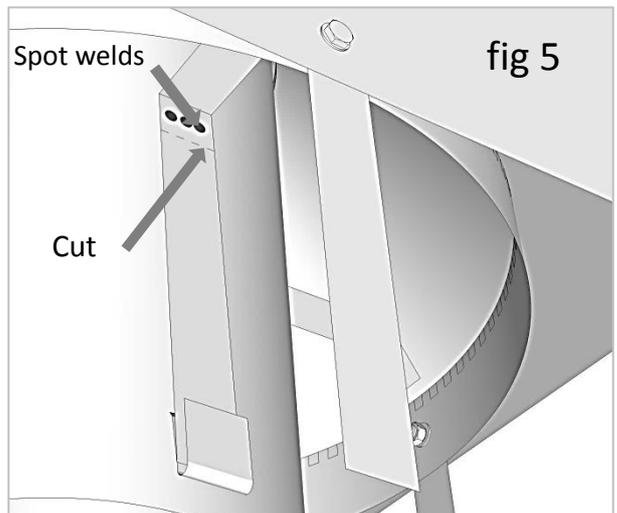
fig 4



Spot welds

fig 5

Cut



# FlueCube – Installation Guide (twin wall version)

The construction consists of the two main components:

- (a) Main Body
- (b) Base Cone with integral tube

Secondary components:

- (c) M6 Nuts, bolts and washers

The FlueCube Main Body and base Cone are factory assembled with M6 nuts, bolts and washers.

1. *Apply* sealant completely around the Base Cone tube at a level that will sit within the flue liner. About mid-way up is ideal.
2. Push the base cone tube into the flue until the top of the flue contacts the underside of the base cone (fig6).

If the friction between the grips at the bottom of the Base Cone Tube and the inside of the flue is weak, the Grips can be bent further outwards.

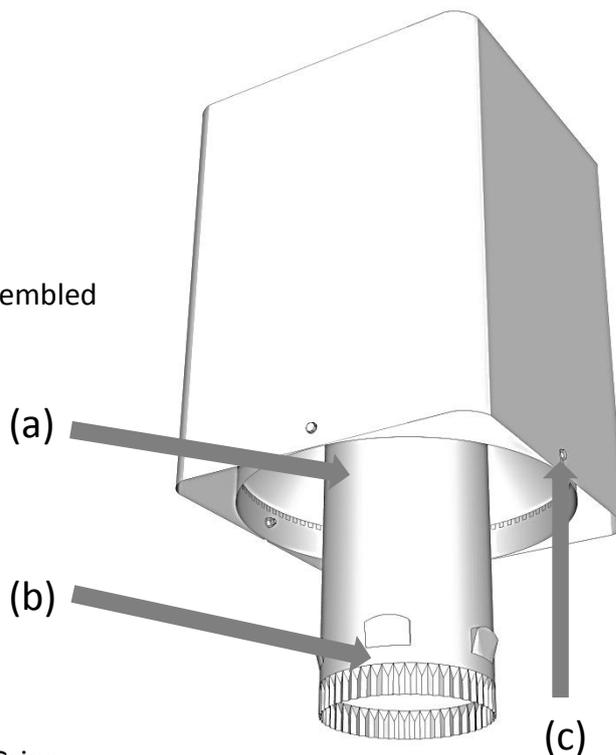


fig 6

