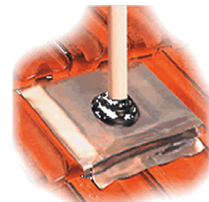


Pop 3 Flue Installation

The installation should conform to all current Building Regulations and Local Authority Bylaws. Correct installation is the responsibility of the installer.

A Stove is only as good as its flue; a poor flue means poor performance from your Stove. With the **Pop 3** Stove the flue pipe comes in one-metre lengths each having a male and female end. Start by putting the first female end of a 90° Bend onto the rear outlet of the Stove and work up from there in the same manner. Due to the heat generated the use of galvanized flue pipe is **not** recommended.

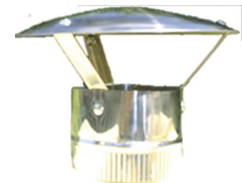
Keep the single wall flue pipe within the building for as long as possible, thus retaining more heat and maintaining a higher flue temperature minimizing condensation. Once outside the building, some form of insulation will improve flue performance as cold or chilled air in the flue is heavy and has to be pushed out of the flue by the rising hot air.



Best draw performance is obtained using a straight flue; this often means using a Tile Flashing. One example, shown on the right, is malleable and soft enough to be moulded over tiles. Another example is a Boot Flashing for use especially on corrugated metal roofs. This second example also has a high temperature variant for use within 2 metres of the Stove outlet.



On the top of the flue you need a **Rain Top** (right) or, in cases of a low flue outlet (less than 3Mtrs), where a down draught is expected, we recommend the use of an **Anti-Down Draught Swivel Cowl** (left). This turns with the wind and almost always solves the problem. The rain top or cowl should be held in place with three, self-tapping screws.

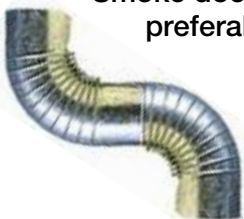


A flue height of 3 metres is required to create sufficient draw. Ideally a flue should terminate 600mm above the ridge of a roof and never terminate a flue below the eaves. The ideal situation is to come out of the roof 1 metre to the side of the ridge, thus giving the flue maximum support. Longer flue lengths may require the use of a damper to reduce the draw.



If the flue run is unable to go straight up and it has to come out of the wall, use two **45° bends** (right) with a short straight length between them to allow for the wall thickness. Continue the flue run vertically up as far up as possible.

Smoke does not travel horizontally, therefore when using two **90° bends** (left) it is preferable not to have more than 200mm run between them.



Care should be taken at all times to insulate a flue from any combustible material or, at least allow sufficient space to avoid spontaneous combustion.

Hot Spot (UK) Ltd 53-55 High Street, Uttoxeter, Staffordshire, ST14 7JQ

Telephone: 08452 606 404 & 01889 565 411 Fax: 01889 567 625

Email: sales@thehotspot.co.uk www.thehotspot.co.uk