Gas Flue Boxes

For the installation of domestic gas fires, using a traditional or pre-fabricated chimney

FLUE GAS COLLECTOR

This is not a Gas Flue Box, but a flue gas collector designed to accommodate a gas fire fitted to a masonry chimney.

The Collector is purpose designed for use only with radiant gas fires complying with BS 7977-1: 2009, and used with a closure plate. It must ONLY be used inside a conventional masonry fireplace recess, and be connected to 125mm diameter SELFLEX® or other flexible flue liner which complies with BS EN 1856-2.

The Collector is designed to fit a fireplace recess which has maximum dimensions 400mm (16in) wide, by 560mm (22in) high. It is provided with detailed Installation Instructions which are available separately.

The 0406105 Special version is 70mm shorter for specific applications, details of which are available in separate Installation Instructions, and suitable for the Robinson Willey Visa 2 gas fire. A separate special box (0406205) is also available for the Visa Hi-Line.
THE RANGE OF GAS FLUE BOXES

SFL provide several types of Gas Flue Box, all designed to be used with the IL Gas Vent System and, where Building Regulations allow, may be used with stainless-steel chimney liners.

The Freestanding and Recessed Gas Flue Boxes are designed to be used with conventional Radiant gas fires, as well as Inset Live Fuel Effect (ILFE) gas fires, which comply with BS 7977-1: 2009. As there are now so many of these available, it is perhaps understandable that confusion arises when deciding which gas appliance can be used with which gas flue box and flue system.

The illustrations below will help you choose the correct combination. All Gas Flue Boxes are provided with detailed Installation Instructions, which should be read in conjunction with the Installation Instructions provided by the manufacturer of the gas appliance.

N.B.: The size of gas box required is dictated by the requirements of the appliance NOT the dimensions of the recess.

Freestanding Gas Flue Box used in any of the applications shown with either Radiant gas fires or some ILFE gas fires.

Recessed Gas Flue Box used in any of the applications shown and with various designs of ILFE gas fires.

IMPORTANT: Some types of “Decorative Gas Fire” do not comply with BS 7977-1: 2009. Building Regulations classify these as solid fuel appliances in every respect and they should not be used with any Gas Flue Box. SFL can provide a suitable chimney system for such appliances.

The Freestanding Gas Flue Box has a twin-wall construction and is for use with any Gas Fire manufactured and tested to BS 7977-1: 2009. This standard includes both conventional radiant gas fires and appliances which simulate solid fuel and wood burning either behind glass or having an open front. Radiant fires and those with a simulated solid fuel fire behind glass and usually supplied with a closure plate as shown in the illustration above. Those having an open front, whether projecting into the room or sitting back into the fireplace opening and typically identified as Inset Live Fuel Effect Fires, or ILFE’s for short.

The Box must be positioned on a 12mm thick Building Regulation required non-combustible hearth. A 125mm diameter IL Gas Vent System is then connected directly to the short IL spigot length which is a permanent fixture on the Box outlet.

The freestanding box reproduces by kind permission of Valor Heating Ltd.

The Box is constructed so that it can telescope to provide a front opening height range of between 475mm and 635mm. 125mm IL Gas Vent System is passed through the sealing plate on the top of the Box and sealed into the boiler spigot using a Draught Hood Connector.

The sealing plate is adjustable to provide a front of Box to centre flue dimension range of between 130mm and 270mm. Building Regulations relating to hearth requirements and proximity to combustibles must be satisfied. Suitable sized holes should be cut in the sides of the Box to suit boiler connections.

For the LFE 175 Box, (illustrated), which is provided with a 125mm adaptor for the IL Gas Vent System, should only be used with appliances which have been tested and approved for use with a 125mm diameter flue.

If the appliance has been assessed to require a 175mm flue, the LFE 175 Box, provided with a 175mm adaptor for (SMW or QC Chimney system) or LFE 180 (with adaptor for NOVA Chimney System), should be used. If there is any doubt as to which version to use, consult the appliance manufacturer.

All dimensions in mm