

Class 1 Flue

A brick chimney is easily recognised by a chimney stack, with either a pot or gas terminal on your roof, which relies on the natural circulation of air through the room and up your chimney to expel the products of combustion. The minimum internal diameter will be 7" (or greater) and it may have had a real solid fuel fire in previously, especially in the case of older properties, sometimes identifiable by an existing chair brick at the back of the fire opening.

If you have a chimney (class 1 flue) you will be pleased to know that you will be able to have all types of chimney fires within our range.

Look for 'Chimney Gas Fires'



Pre Fabricated Flues (Class 1 & 2 Applications)

These are usually a metal interlocking single or twin wall flue pipe connected to a flue box, with a gas terminal on your roof, creating the same circulation of air as a chimney.

A flue pipe with a minimum internal diameter of 7" or more is recognised as a 'class 1 flue' and a flue pipe of less than 7" generally around 5" internal diameter is recognised as a 'class 2 flue'.

There is a large selection of gas fireplaces for class 1 & 2 applications available within our range, depending on the size of flue and flue box you have in your property.

Look for 'High Efficiency Gas Fires'



Pre-Cast Flue (Class 2 Application)

Many new properties that do not have chimneys are fitted with Pre-cast flues. This flue is manufactured into rectangular hollow concrete or clay blocks that travel vertically, up through the cavity wall of your property, to a ridge vent or metal flue terminal on the roof.

These flues tend to be very shallow in depth, although suitable deeper, appliances may be able to be installed with the use of either a spacer kit or deeper rebate on the fireplace. Choose from a wide range of smaller <7kw appliances within our hole in the wall range.

Look for 'Precast Gas Fires'.



Power Flue (No Chimney Application)

A power flue fire is available for new homes built without a chimney, or older properties where the flue is no longer of sound integrity. The fire has an electronically driven fan system on the outside of the wall to expel the flue gases and as such a degree of noise can be heard when the fan is turned on.

When the fire is not in use, some natural air circulation may occur through the flue terminal, which is quite normal. As the fire relies on a fan system, customers can complain of noise if the fire is installed in a very quiet environment. This aside the fires provide a solution to installing a gas fire almost anywhere in a property.

Look for 'Power Flue Gas Fires'.



Balanced Flue (No chimney application)

A balanced flue is a glass fronted gas fire, which is completely sealed from the room into which they are installed and vents directly to an outside wall.

Air is drawn in from the outside for combustion purposes increasing its efficiency through an outer pipe whilst the inner pipe vents the combustion gases safely away to the outside of the property.

These appliances have very high heat outputs and can be too over powered if installed in the wrong type of room. Most clients opt for a flue-less gas fire with an open flame, higher efficiency and fraction of the cost.

Look for 'Balanced Flue Gas Fires'

