

Gazco Studio 2 – Balanced Flue

Balanced Flue Studio

Key Features

1. Balanced Flue connection
2. Variety of flueing options for location flexibility
3. Glass Fronted models
4. Choice of contemporary or realistic fuel effects
5. Choice of linings
6. Choice of frame styles
7. Convected and radiant heat
8. Convected heat system outlet
9. Simple drop down door for easy maintenance access
10. External battery holders for ease of battery change
11. Programmable Thermostatic remote control included*
12. Optional mains adaptor



* Illustrated below

Key Feature – Battery Power Pack

While buying a gas fireplace for a home it is important to find out if this heating appliance will work in case of a power outage. It is critical for houses in more rural areas where power outages seem to happen more often but even big city dwellers can be affected by multiday power cuts after storms.

Modern efficient gas fireplaces use the heat created by burning flames to effectively heat a room and other parts of the house. Such fireplaces can be a good source of emergency heating when the main central heating system is down. The fireplace also adds pleasant bright light to the room which makes the stressful time of waiting for the power company and local authorities to fix the problem easier.

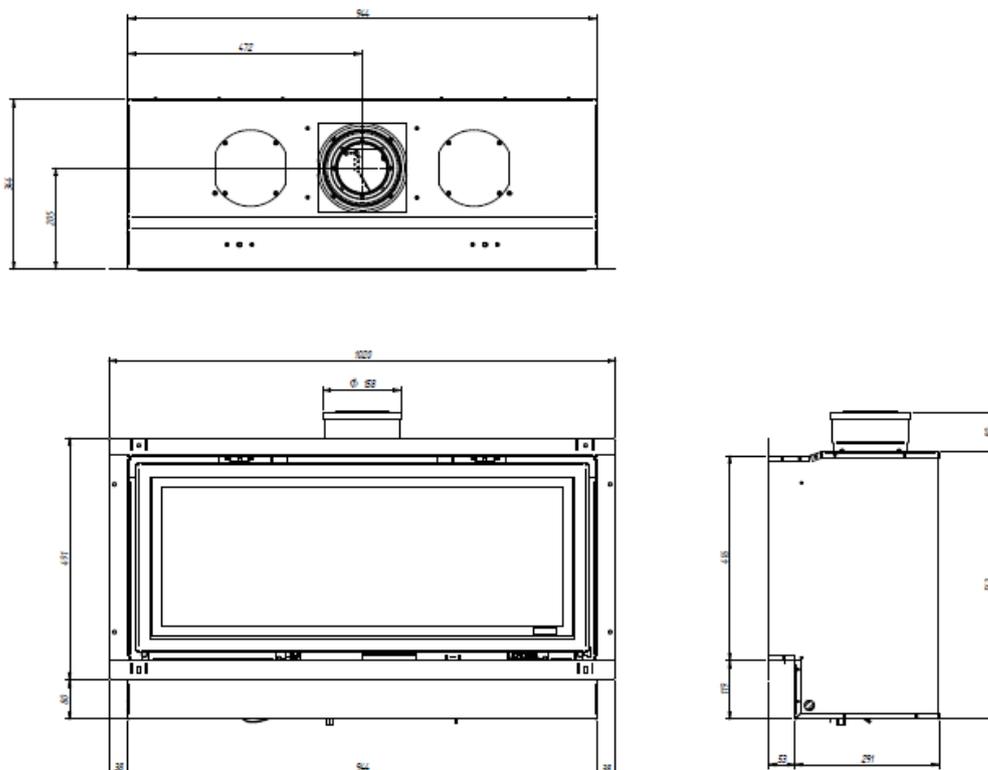
The Gazco Studio 2 does not need any external power supply as this appliance has a battery back-up option and will work in case of power outage. The Gazco Studio 2 can keep your room warm in case of emergency or long term power failure. The ignition spark to light the gas flame is generated from four size AA batteries. You will only need 4 batteries to keep a fire going.

The battery back-up is easily accessible directly behind the wall plate of the mounting box which hold the batteries, this can be located up to 3m from the appliance control box . The batteries generally last for about a year but you might need to replace them earlier depending on usage.

Alternatively you can use the optional main adapter to supply constant power to the appliance control box instead of relying totally on the battery. The mains adaptor can be located up to 1.5m from the appliance control box. (If the mains adaptor is used the separate wall mounting box and battery holder is not required). Batteries can be installed at time of installation into the appliance black control box which is located within the appliance as a backup during a power outage. *(However, as the batteries are not easily accessible for customers this may not be an option for all users and if installed must be checked and replaced during an annual service, as corroding batteries could break the circuit)*

Key Feature - Box to Glass Viewing Area Ratio

The clean detailing and generous glass display provides maximum flame with minimum frame and zero clearance box. The Gazco Studio 2 has a large viewable glass front relative to the size of outer box, plus with the minimum clearances of only 50mm to combustibles the cavity space required to house the appliance can be smaller than others in the market. The advantage is the opportunity for greater design flexibility and less building material cost.



Key Feature – Balanced Flue (Direct Vent)

The Direct Vent (Balanced) flue system adds value to the Studio 2. With balanced flue, not one bit of room air is used for combustion. Instead, the Studio 2 flue draws cold air from outside for combustion and then expels the exhausted air back outside via the flue. This means no more installation or running issues because of airtight new homes and the air from a living space stays in the living space.

Unlike ordinary gas fires which are open-fronted installed into a conventional chimney aperture. The oxygen that the fire burns in order to create its flames is extracted from inside the living room and waste gases are expelled back up the chimney.

This type of fire may look nice, but it may not be so kind to your respiration or your fuel bills and they are not reliable at producing a nice steady heat. It requires constant ventilation to keep it burning and because of this it consumes more energy and fuel and room ventilation is a must.

So with a Gazco Studio 2 balanced flue fire there is no loss of comfort, greatly reduced gas consumption, a steady heat as well as a healthy home environment.



No Fan

Benefits of not having a fan;

Appliance will be continually quiet while in use and the outer box contains the working parts of the gas fire will be smaller as there is no need to make room for a fan.

The cool air circulating within the room is drawn into the base of the outer chamber and warmed up as it rises around the back and over the top of the appliance and back into the room supplying convected warm air back into the room.

The Gazco Studio 2 can be operated by batteries only, as there is no fan fitted there is also no requirement for an electrician to hard wire fan or operation of appliance, so you can save on an electrical trade charge.

Negatives of having a fan;

Radiant heat is not helped by a fan, and fans may not help to influence the air circulation beyond the immediate vicinity of the fireplace.

Noise levels can increase with a gas fireplace fan. A gas fireplace blower moves air around the room being heated. It works more or less like a fan, by sucking in unheated air from within the room and blowing it out through the fireplace. The throw of the fan will be limited to the capacity of the blower, but high capacity blowers will increase noise levels and may even cause uneven heating in a room.

Fans can be temperamental and could mean additional electrical servicing costs and the fan needs to be mains connected so an electrician is required at time of installation with the gas fitter.