

## BALANCED FLUE GAS FIRE FITTING NOTES

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- **Purchase Options:**

- Gas Type:
  - Natural Gas
  - LPG
  - Gas type must be specified when ordering.
- Ceramics
  - Grey Pebbles
  - Logs
  - Ceramics must be specified when ordering.

- **Important Notes**

- These notes are provided as guidance on installation pre-sales and are not to be used to replace the official CE installation manual which is supplied with the fire. The fire is purchased as "supply only" and CVO fire are not responsible for the installation or use of the appliance.
- Always use a reputable gas fire installer who has experience of installing this style of appliance. Installation mistakes can be costly.
- This style of appliance is glass fronted and the glass becomes very hot when the appliance is on. Guards will be required to protect small children and the elderly.
- The fire is approved for UK, Ireland and other European destinations.
- A balanced flue chimney system is required. This is "win pipe" style of flue pipe which brings in air from outside into the burner box and also exhausts the combustion products outside.
- The appliances sold by CVO are free-standing and must be "built around".
- They cannot be installed in an existing chimney opening.
- They are designed for properties without a chimney.
- When considering purchasing this style of appliance the overall cost of the gas fire, installation and the flue system should be taken into consideration.

- **Installation Considerations**

- **Controls:**

- All fires have a remote control system operated by batteries with a handset and a manual override switch
    - The control system is fitted below the fire and requires an access panel to be constructed within the final fireplace to allow the user access to the batteries and gas controls.
    - The control system can be mounted on the left or right of the fire with minor adjustment of the fire.

- **Fireplace Chamber:**

- The appliance fire box becomes very hot and consideration of the effects and build up of this heat must be considered before starting to install.
    - This excess heat must be allowed to be radiated from fireplace cavity into the room where the appliance. When constructing the fireplace an air access vent must be built at floor level and an air expel vent constructed at ceiling level. This vent system is required to allow cold air from the room to enter the chamber, cool the appliance and the hot air to be radiated out from above into the room.
    - The fireplace must be built of non-combustible materials inline with building regulations.
    - Due to the extreme heat of the appliance a cool wall system must be constructed around the appliance to space the appliance away from the finished wall.
    - The use of metal stud work is advised.
    - Careful planning of the use of plaster board and plaster needs to be taken as the heat from the appliance can cause plaster to dry out and crack.

- **Flue System**

- Each appliance has a maximum and minimum flue routing.
    - There is a maximum and minimum vertical and horizontal dimension.
    - The flue must be as designed for this style of appliance and purchased from a reputable manufacturer.
    - It must be suitable for use with a "balanced flue appliance".
    - If in doubt ask the flue system supplier for clarification before purchasing.
    - The routing and installation of the flue system needs careful consideration.
    - Ask your sales consultant for a copy of the flue routing chart before ordering the appliance. Claims will not be accepted for unsuitable flue routing once the appliance has been ordered.
    - Each appliance has a fixed flue size check specification sheet.
    - The flue must be installed and tested by a reputable flue installation company. The installation of the flue is critical for the safety of the appliance.
    - **Do not compromise on your or your families safety – use a reputable installer with experience of this style of appliance.**

