

Planning for your Element4 Gas Fireplace

Before You Begin

Since the Element4 fireplaces are vented gas appliances they must be installed by a **qualified installer**. Your sales representative can help you choose the appropriate professional.

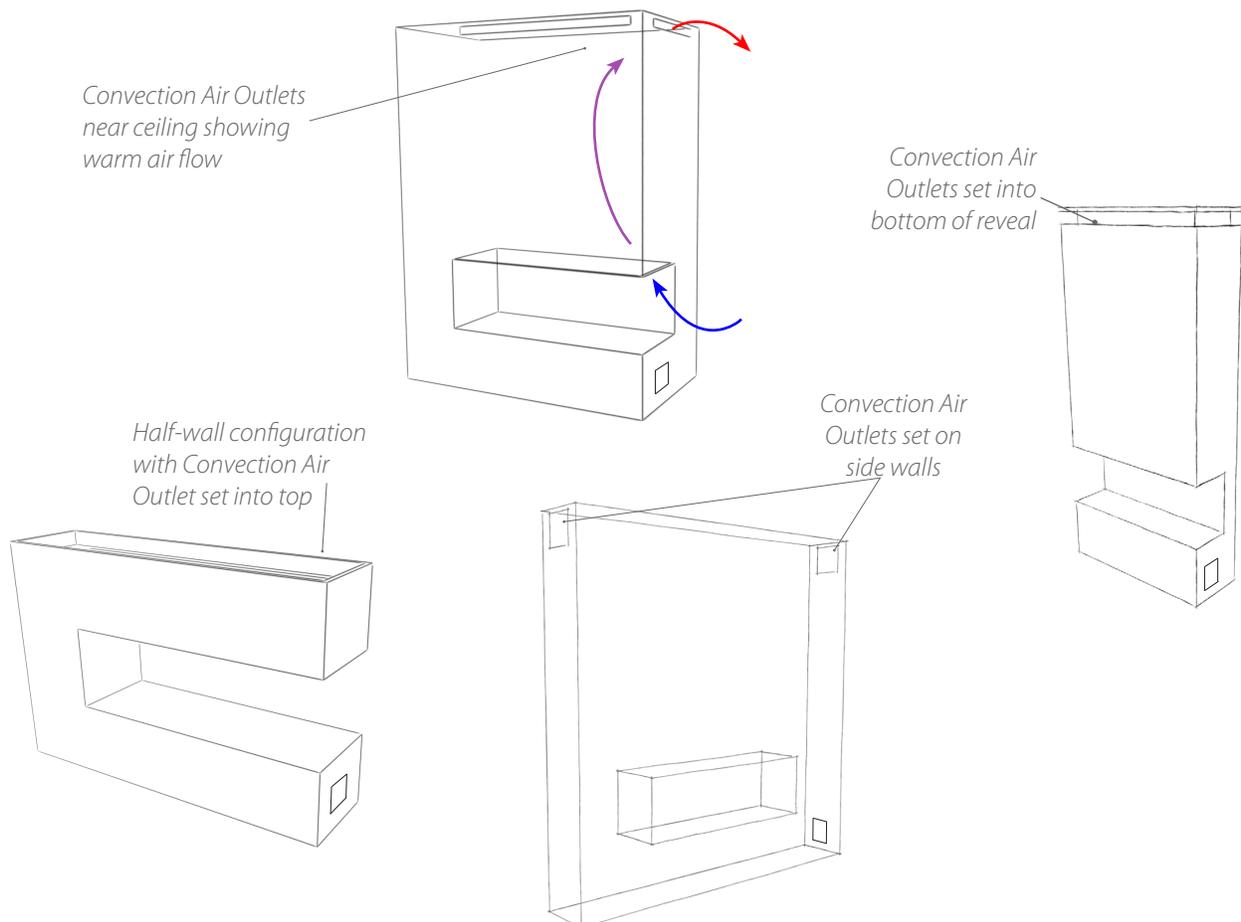
Overall Design

One of the many features of the Element4 fireplace is its use of convective air flow.

As the air within the enclosing walls, or chase, is warmed by the fireplace it rises and then exits the Convection Air Outlet(s). The warm air in the chase is then replaced by room air which enters through the Room Air Inlets. As this warm air cools it falls toward the floor where it's drawn into the inlet and the cycle repeats.

The Room Air Inlets are part of the fireplace and cannot be blocked or adjusted. The amount of square area required for your Convection Air Outlet(s) is determined by the fireplace model and is listed in the installation manual.

As seen in the illustrations, below, the outlets may be placed in a number of locations to accommodate all types of designs. In all cases, though, your design must allow the free flow of air through the chase.



Important Points

The most important question to ask when locating your fireplace is, "Can it be effectively vented?" The Element4 fireplaces are approved as 'direct vent' appliances. This means that all of the air for combustion comes directly from the outside and all of the flue gases are discharged directly to the outside by way of co-axial 5"8" direct vent pipe.

The venting can run vertically, horizontally or a combination of both. For example, it can be installed near and vented through an exterior wall. Or it can be installed near the center of your home and vented through the roof. In any case, the installation manual details the allowable configurations, distances and clearances. If the venting falls outside of the vent graphs a power vent is available for some configurations.

The next question to ask is, "Can I get my gas pipe to the fireplace?" The Element4 fireplaces burn either natural gas (NG) or propane gas (LP.) Your sales representative will ask you for your requirement at the time of order and your gas professional (usually your plumber) can advise you on the most effective route for the gas supply within your home.

In order to keep the look as contemporary as possible the fireplace controls are mounted away from the fireplace but within a radius of approximately 50"/1250 mm from center of the fireplace (on most models). These controls are attached to the frame behind an access door (included) which measures 8³/₈"/213 mm by 11¹/₄"/285 mm overall. This access door is then mounted in your wall lower than the level of the fireplace opening, outside the combustible zone, or insulated from the heat of the fireplace. Your design must take this access door into consideration.

This sheet is not intended to replace the Element4 Installation Manual. In all cases, the information and instructions in the Element4 Installation Manual must be followed. The Element4 Installation Manual is included with your fireplace and is available at www.europeanhome.com Please call us if you have any questions or are uncertain about any aspect of your installation!

Let Us Help

European Home and its retail partners are here to assist you with your unique fireplace design. Let us help you today!

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