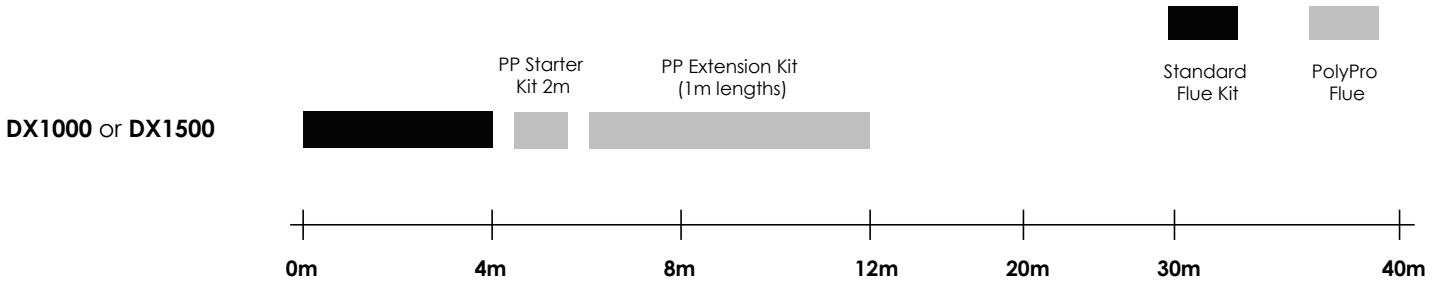


# DX Series Flue Selection Guide

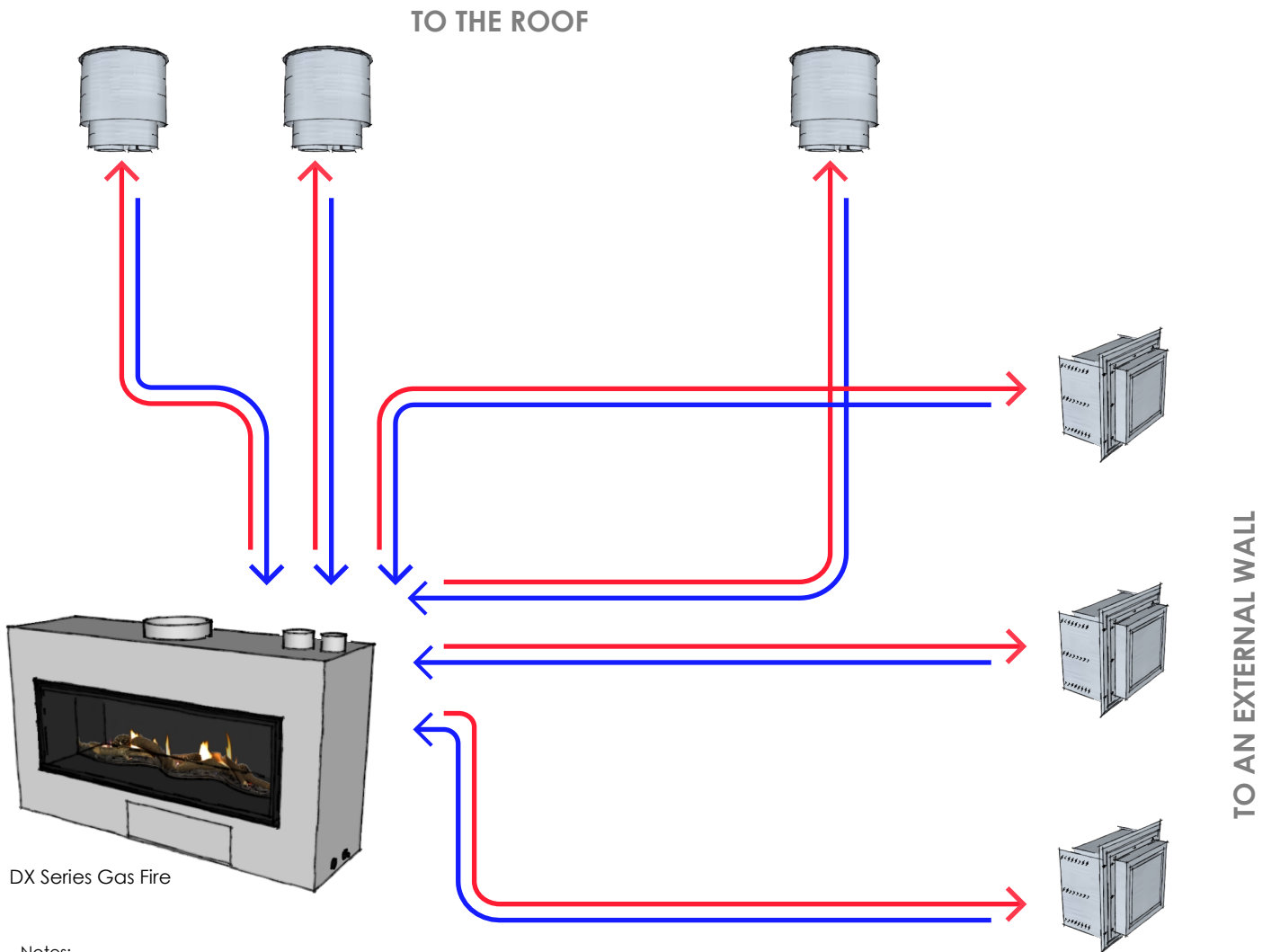
The **flue pathway** will be from the fire to the powerflue terminal, and **can be vertical or horizontal, or a combination of both**. This may be through a cavity, a floor, a mid-floor, a roof, to the side of the fire, or a combination of these options. The total flue run may be made of Standard Flue Kits, Flexi-Flue Extension Kits and PolyPro flue extensions.

When selecting the flue system for a DL Series Fire follow the procedure over the page.

**Maximum Flue Run = 12m.**



## Flue Pathway Options:



Notes:

- Total flue bends per developed flue length = **10** (maximum x4 in any PolyPro Length).
- A flue run below the fire must not exceed 1500mm vertically downwards.
- Where a Flexible Flue Extension Kit is used beyond the 4m Standard Flue Kit, insulation may be required. Insulated flue requirements: Minimum R-Value = **1.45** and service temperature to be **230 Deg C**.
- Where PolyPro Extended Flue components are used, an exhaust condensate trap is required.
- In all instances the flue fan (located in the flue terminal) must be accessible for servicing.

## 1 Fireplace Selection

Select the Escea D-Series Gas Fire that meets your design and space requirements. Contact the Escea Architectural Advisory Team for assistance with any fireplace or flue specification - [aa@escea.com](mailto:aa@escea.com)

## 2 Flue Pathway

Using the **example building below** as a guide, choose the location of the flue terminal\* (roof or wall cowl) and establish the expected flue pathway in your building. The **flue pathway** will be from the fire to the powerflue terminal, and **can be vertical or horizontal, or a combination of both**. This may be through a cavity, a floor, a mid-floor, a roof, to the side of the fire or any combination of these options.

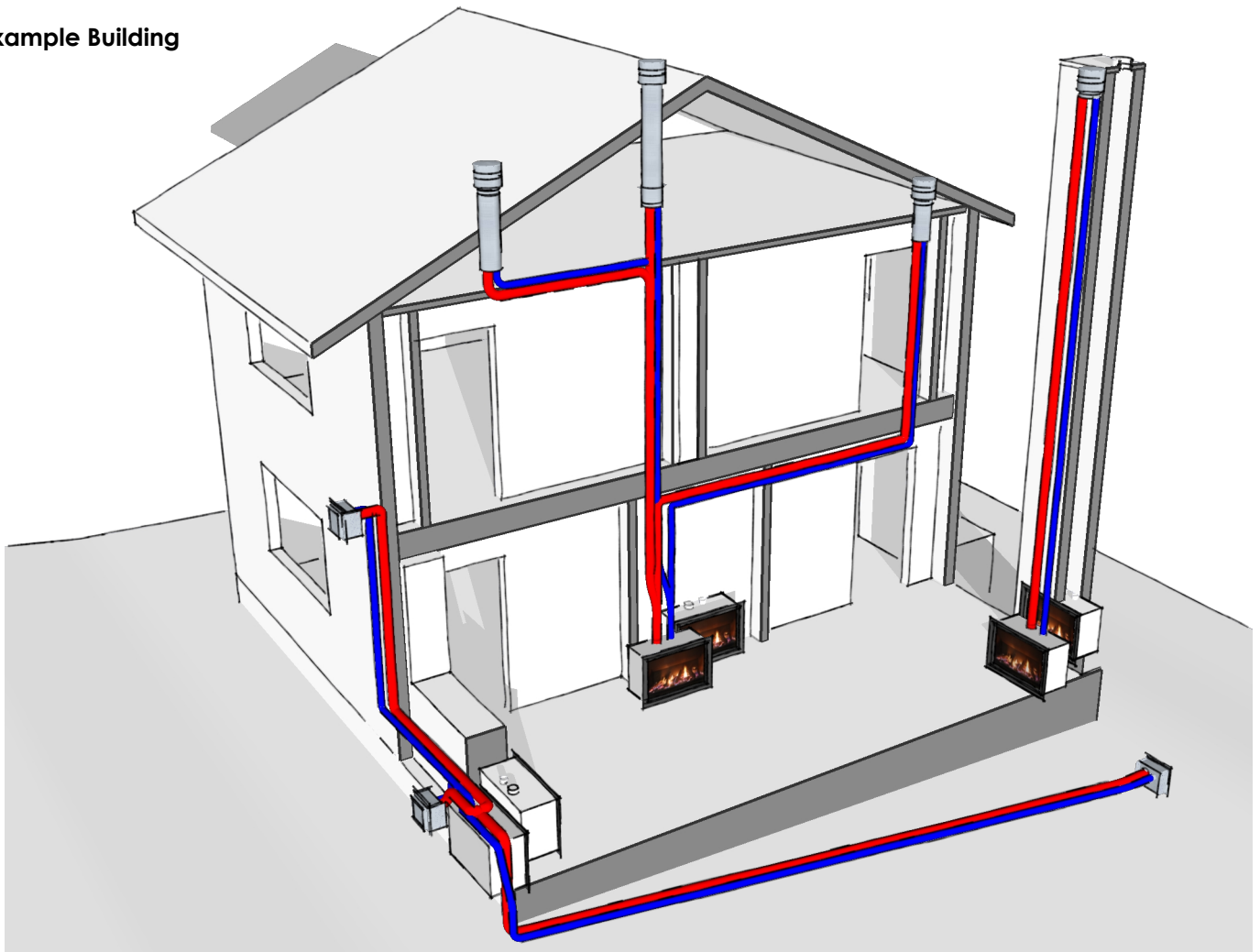
## 3 Flue Length

**Calculate the total flue length** that the flue pipes are likely to follow in your building. Include bends and offsets in your total length. Allow for some installation tolerance by adding 10% to the total flue run calculation.

## 4 Flue System Selection

With your fire selected, flue terminal located, flue pathway and length established, refer to the accompanying **Flue Selection Guide** (DS, DF, DL or DX Series) to determine the flue system options to achieve the complete flue run from fire to the flue terminal. This may require multiple flue kits.

### Example Building



\*The installation and final location of the flue terminal must comply with the relevant **Escea Installation Instructions** and **AS/NZS5601 Gas Installations**. These provide guidance for clearances from the flue terminal to other elements of the building. Non-compliance to these clearances may decrease performance of the fire or flue, and/or pose a safety risk to the building users.