

3.0 Site Requirements

Flue Position

1. The siting of the balanced flue terminal must meet the following conditions:

a. Where the flue terminal of the appliance is beneath any opening (that is to say, any part of a window capable of being opened, or any ventilation inlet or similar opening) no part of the terminal shall be within 300mm (1 ft), measured vertically from the bottom of the opening.

b. Where the flue terminal of the appliance is less than 2m (6 ft) above the level of any ground, balcony, flat roof or place to which any person has access and which adjoins the wall in which the flue terminal is situated, the terminal shall be protected by a guard.

c. The guard must be screwed to the wall over the flue terminal and be at least 50mm (2 in) clear of any part of the terminal. A suitable guard is available direct from Baxi Heating, Part No. 080266 (Fig. 5).

d. Not within 300mm (1 ft) of ground level.

2. Fig. 4 shows the positioning of the flue terminal relative to buildings and other structures.

3. If the outer face of the outside wall is of combustible material (timber, etc.) a metal or other non-combustible material plate should be fitted round the flue terminal so that it extends not less than 50mm (2 in) around the terminal. A 179mm (7 in) square or a 230mm (9 in) diameter circular plate will meet the requirement.

4. The flue should run horizontally, or with a slight drop to the terminal, in order to prevent rain entry (Fig. 6).

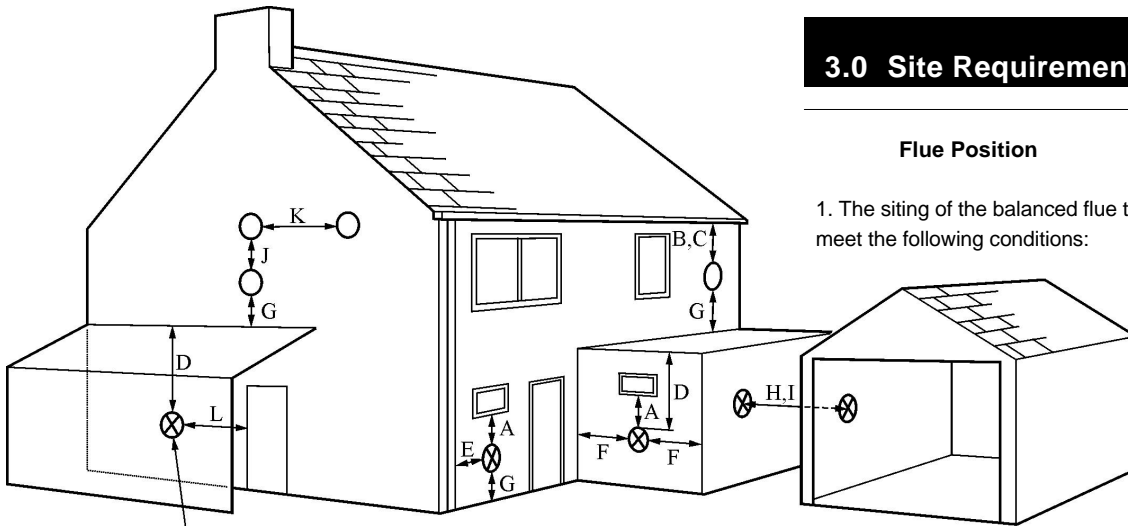


Fig. 4 Likely flue positions requiring a flue terminal guard

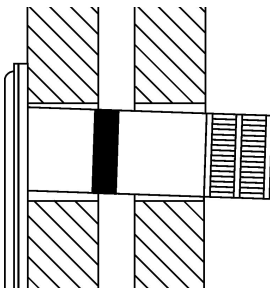


Fig. 6 (side view). Angle of drop shown exaggerated.

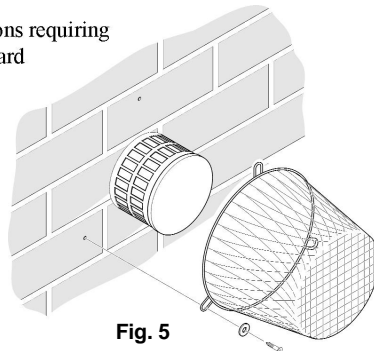


Fig. 5

Terminal Position with Minimum Distance (mm)

A*	Directly below an openable window or other opening, e.g. an air brick.	300
B*	Below gutters.	300
C*	Below eaves, soil pipes or drain pipes.	300
D	Below balconies or car port roof	600
E	From vertical drain pipes and soil pipes.	300
F	From internal or external corners.	600
G	Above ground, roof or balcony level.	300
H	From a surface facing a terminal.	600
I	From a terminal facing a terminal.	600
J	Vertically from a terminal on the same wall.	1500
K	Horizontally from a terminal on the same wall.	300
L	For an opening in a car port (e.g. door, window) into a dwelling.	1200

*In addition, the terminal should not be nearer than 300mm to an opening in the building fabric formed for the purpose of accommodating a built-in element such as a window frame or door frame (Fig. 7).

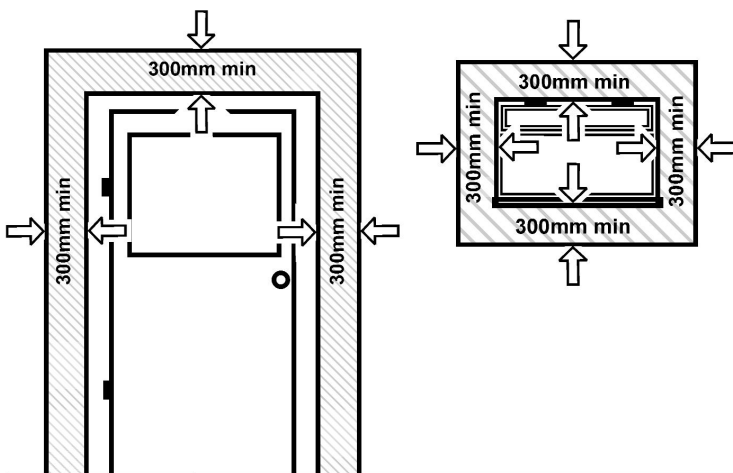


Fig. 7

3.0 Site Requirements

WARNING: 520-610mm Flues are not suitable for Cat I₃₊ (Butane/Propane) appliances

Flue Option	Brazilia F Gas Categories					
	Propane Cat I _{3P}		Natural Cat I _{2H}		Butane/Propane Cat I ₃₊	
Wall Thickness	F5 & F5S	F8S	F5 & F5S	F8S & F8ST	F5 & F5S	F8S
125mm-229mm (5in - 9in)	Part N° 225174	Part N° 243842	Part N° 225174	Part N° 243842	Part N° 225174	Part N° 243842
381mm-483mm (15in - 19in)	Part N° 225175	Part N° 243857	Part N° 225175	Part N° 243857	Part N° 225175	Part N° 243857
520mm-610mm (20 1/2in - 24in)	Part N° 243849	Part N° 243848	Part N° 243849	Part N° 243848	Not Available	

3.4 Flue Dimensions

1. The standard appliance is supplied with flue ducting which is adjustable to accommodate wall thicknesses from 248mm (9³/₄ in) to 349mm (13³/₄ in).
2. Three further flue terminals are available as optional extras to suit the wall thicknesses indicated in the table opposite.

3.5 Ventilation

1. The appliance is room sealed and therefore requires no purpose built ventilation.
2. It is intended for use in habitable rooms, and must not be fitted in cupboards or confined compartments.

3.6 Gas Supply

1. The inlet connection R¹/₄ (1/4 BSP external) is located on the gas tap at the bottom right hand side of the appliance.
2. A gas service cock must be fitted in the supply to the appliance with a disconnecting union between the service cock and the inlet connection.

NOTE: If the gas supply is run either to the left or right on leaving the appliance, at least the first 51mm (2 in) from the inlet connection must run vertically downwards to avoid the outer case fouling the gas supply.