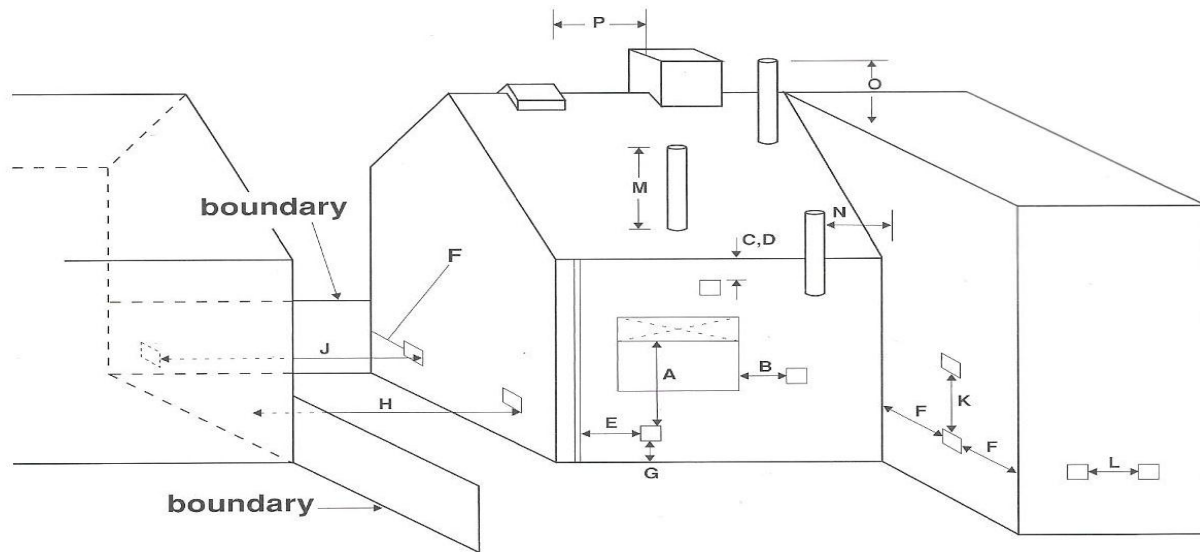


HEATBASE FACTSHEET 4

Boiler location, flue termination and ventilation



Location of flue terminations of oil fired appliances, minimum separation distances in mm

Location of outlet (1)		Appliance with pressure jet burner	Appliance with vaporising burner	Additional distance that may need considered for condensing boiler flues
A	Below an opening(2,3)	600	Should not be used	
B	Horizontally to an opening(2,3)	600	Should not be used	
C	Below a plastic/painted gutter, drainage pipe or eaves if combustible material protected(4)	75	Should not be used	
D	Below a balcony or a plastic/painted gutter, drainage pipe or eaves without protection to combustible material protected	600	Should not be used	
E	From vertical sanitary pipework	300	Should not be used	
F	From an external or internal corner or from a surface or boundary alongside the terminal	300	Should not be used	
G	Above ground or balcony level	300	Should not be used	
H	From a surface or boundary facing the terminal	600	Should not be used	2500mm
J	From a terminal facing a terminal	1200	Should not be used	
K	Vertically from a terminal on the same wall	1500	Should not be used	
L	Horizontally from a terminal on the same wall	750	Should not be used	
M	Above the highest point of an intersection of a roof	600 (6)	1000 (5)	
N	From a vertical structure to the side of a terminal	750 (6)	2300	
O	Above a vertical structure which is less than 750mm (pressure jet burner) or 2300mm (vaporising burner) horizontally from the side of the terminal	600 (6)	1000 (5)	
P	From a ridge terminal to a vertical structure on the roof	1500	Should not be used	

Notes:

1. Terminals should only be positioned on walls where appliances have been approved for such configurations when tested in accordance with BS EN 303-1:1999 or OFTEC standards OFS A100 or OFSA101.
2. An opening means an openable element, such as an openable window, or permanent opening such as a permanently open air vent.
3. Notwithstanding the dimensions above, a terminal should be at least 300mm from combustible material, e.g. a window frame.
4. A way of providing protection of combustible material would be to fit a heat shield at least 750mm wide.
5. Where a terminal is used with a vaporising burner, the terminal should be at least 2300mm horizontally from the roof.
6. Outlets for vertical balanced flues in locations M,N and O should be in accordance with manufacturer's instructions.

Flue terminals should also be positioned a minimum of 1800mm from an oil tank

This Factsheet is still being written and will be updated as and when

Open flued appliances should not be installed in bedrooms or bathrooms where there is an increased risk of carbon monoxide poisoning. If the appliance cannot be fitted anywhere else and it is therefore unavoidable to install them in these positions; they must be of the room sealed type.

This factsheet is designed only to give a basic guide to the legality of installations both before and after the introduction of Building Regulations Approved Document J 2002, it should only be used as a guide, for full details please see the Building Regulations Approved Document J 2002 and any amendments