

4.7 Boiler locations and clearances

WARNING: This appliance should not be installed where there is a potential for excessive ground water coverage. This boiler is only suitable for installing externally at a suitable location onto a fixed permanent rigid surface capable of supporting the boiler weight. There must be a sufficient hard standing around the appliance to allow for servicing. The boiler must be installed on a flat level surface to ensure that condensate does not enter the primary heat exchanger. Tarmac and wood hardstandings are not recommended.

Clearances:

- ▶ Minimum service and flue clearances.
 - Above - 600mm
 - Front - 600mm
 - RH/LH clearance flue outlet on opposite side - 10mm
 - RH clearance flue outlet on rear - 45mm
 - LH clearance flue outlet on rear - 85mm
 - Rear clearance flue outlet on side - 50mm
 - Rear clearance flue outlet on rear 2500mm
- It is strongly recommended that the flue terminal faces away from walls to reduce the possibility of wetting occurring.

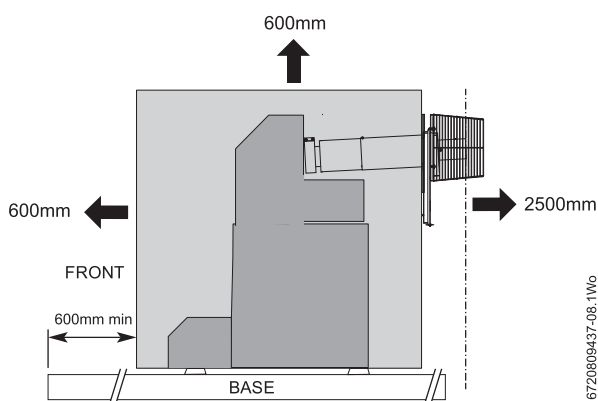


Fig. 17 Above clearance

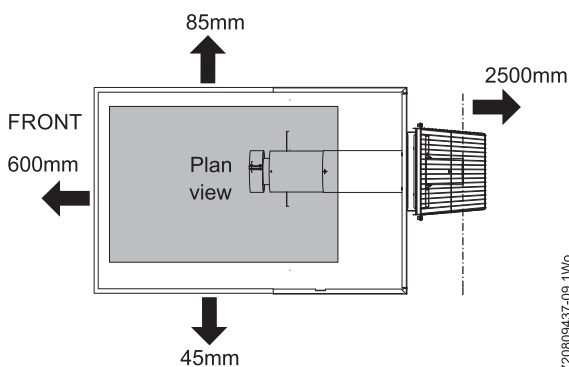


Fig. 18 Rear exit flue clearances

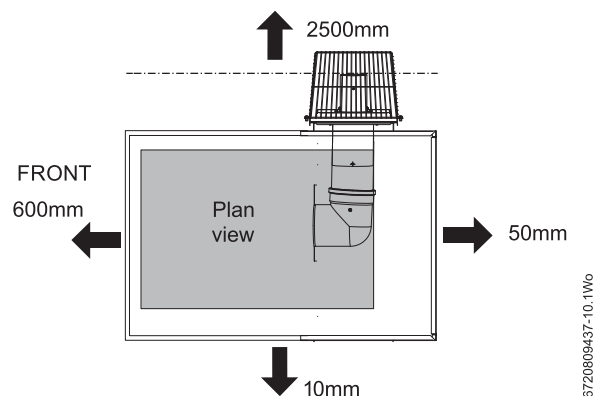


Fig. 19 Left exit flue clearances

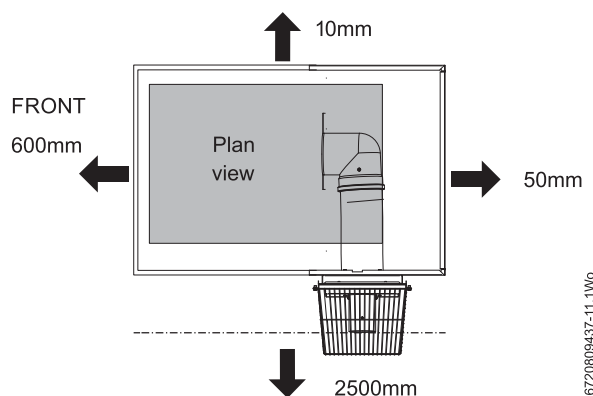


Fig. 20 Right exit flue clearances

4.8 Flue terminal positions



NOTICE:

- ▶ All measurements are the minimum clearances required.
- ▶ Terminals must be positioned so to avoid combustion products entering the building.
- ▶ Support the flue at approximately one metre intervals and at a change of direction, use suitable brackets and fittings:
 - flue bracket 125mm x 1 - part no.: 7 716 191 179-
- ▶ In spite of the dimensions given here, the terminal must not be closer than 300mm to combustible material, 600mm in the case of a thatched roof.
- ▶ Terminals must be positioned so to avoid products of combustion accumulating in stagnant pockets around the building or entering the building.
- ▶ Terminals must be at least 1.8m from an oil storage tank unless a wall with of at least 30 minutes fire resistance and extending 300mm wider and higher than the tank is between the tank and the terminal.



NOTICE:

- ▶ Installations in car ports are not recommended.
- ▶ Dimensions from a flue terminal to a fanned air inlet to be determined by the ventilation equipment manufacturer.
- ▶ A flue terminal guard should be fitted over a terminal, if persons could come into contact with the terminal, or it could be subject to damage and where the terminal is less than 2m from the finished floor level.