

# Technical Bulletin

## Installation Advice: Oil flue terminal clearance to boundaries

### Revision to stated clearance in Greenstar Oil ErP+ manuals

The guidance within our Greenstar Oil ErP+ manuals is taken from BS 5410-1:2014 and quotes the distance to a boundary facing a flue terminal as 2500mm (see Fig. 1). This distance should be maintained whenever the flue is facing a neighbouring boundary and is likely to cause a nuisance due to either noise, odour or plume.

The distance between a boundary facing a flue terminal can be measured diagonally in the direction which the flue is pointing (see Fig. 3). A minimum distance of 600mm must be maintained between the flue terminal and the boundary when measured at a 45° angle from the flue terminal.

Only provided the 2500mm distance cannot be achieved in the manner described, the distance between a boundary facing a flue terminal can be reduced to 600mm to comply with the guidance given in Approved Document J of the building regulations if it will not cause a nuisance or dispute (see Fig. 2). The definition of a statutory nuisance, while not considered within the scope of building regulations, can be found in the Environmental Protection Act.

Installations utilising a plume management kit allow the air intake to be positioned as close as 150mm to a neighbouring boundary, provided that the exhaust outlet terminal complies with the requirements of the exclusion zone in Fig. 4, which when measured diagonally from the flue terminal as minimum distance 600mm, ensures compliance with Approved Document J of the building regulations.

Additionally, in our manuals dimensions A, B, C & D (for flue terminals adjacent to windows & roofs) shown on the diagrams have been increased to 1m in order to comply with the guidance given in BS 5410-1:2014 and reflect best practice. The guidance in Approved Document J of the building regulations remains unchanged at 600mm for these dimensions.

If flues cannot be installed to adhere to the dimensions quoted in our manuals and BS 5410-1:2014 then they may be installed in accordance with Approved Document J of the building regulations, but guidance should be sought from the local building authority.

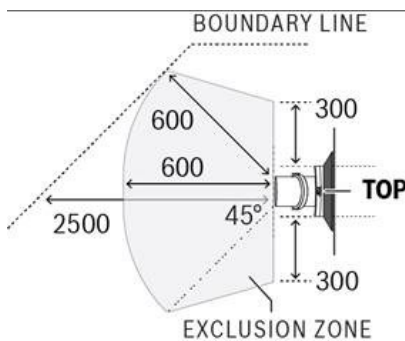
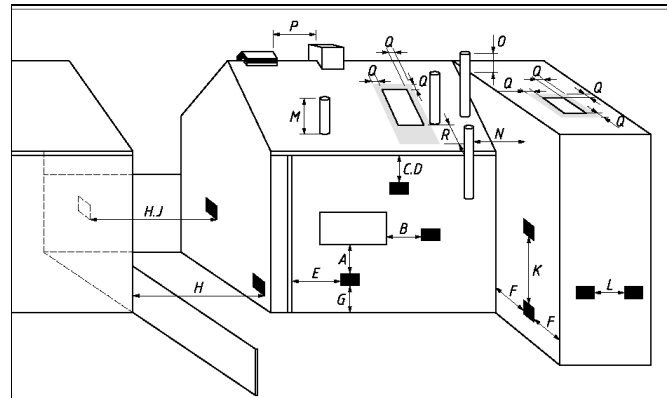


Fig. 3) Exclusion zone guidance for standard flue terminal

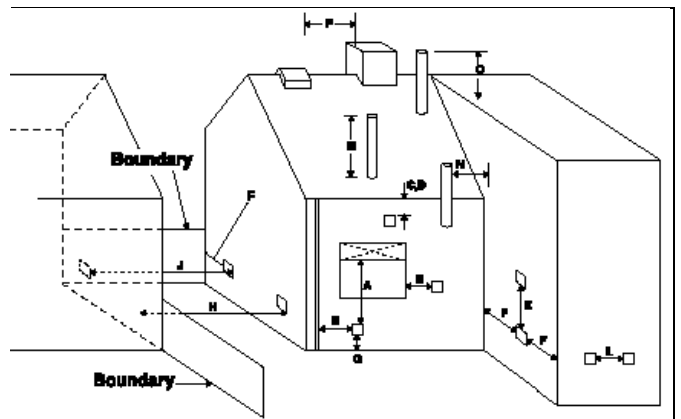
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|   |  |     |             |      |
|---|--|-----|-------------|------|
| H | From a surface or boundary facing the terminal | 600 | Not allowed | 2500 |
|---|--|-----|-------------|------|

Fig. 1) Extract from BS 5410-1:2014, ref: item H



| Minimum separation distances for terminals in mm |  |                                    |                                   |
|--|--|------------------------------------|-----------------------------------|
| Location of outlet (1)                           |  | Appliance with pressure jet burner | Appliance with vapourising burner |
| H  | From a surface or boundary facing the terminal | 600                                | Should not be used                |

Fig. 2) Extract from Building Regulations Approved Document

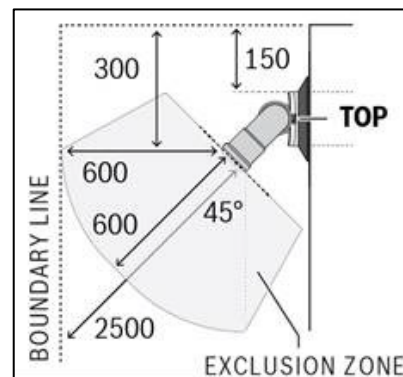


Fig. 4) Exclusion zone guidance for plume management terminal