

Technical Bulletin

Product: Condensfit II & Oilfit Concentric Flue Systems

CLEARANCE TO COMBUSTIBLE BUILDING FABRICS

Minimum clearances when passing through combustible building material.

Regulations state that 25mm clearance is required around a flue when it passes through combustible material. For a concentric flue; this measurement is taken from the outside of the inner flue pipe.

Due to the low flue gas temperatures of condensing boilers and the effect of cool air being drawn through the air intake, we deem the annular gap between the inner and outer flue pipes to be sufficient with no additional clearance required.

Because our outer flue is of steel construction; there is no requirement for an additional sleeve.

If the gap around the flue is sealed to the building fabric with non-combustible building material such as mortar, plaster or high temperature silicone, fire stop plates will not be required.

NOTE: If the flue cannot be properly sealed to the building fabric with a suitable building material, and/or a gap is present which could permit and spread of fire between different areas, then Fire Stopping must be provided where the flue passes between these areas (see Fig.1)

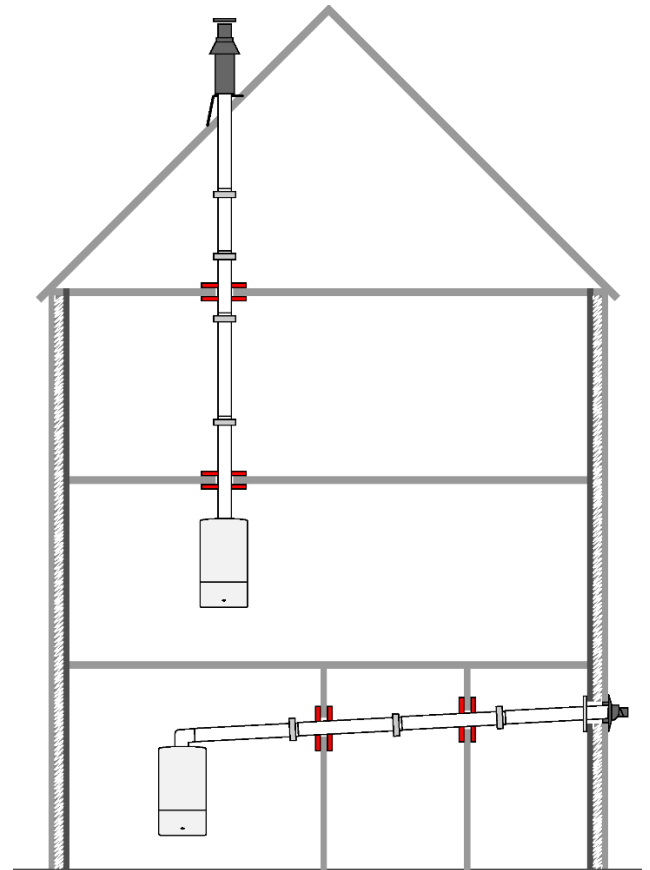



Fig. 1 Example showing Fire Stop plates fitted to flue system.

Key:

Fire Stop Plate: 

Flue Clip: 

Exterior Wall: 

Interior Wall: 

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