



Safety First: Whilst all possible care is taken to eliminate sharp edges and burrs, care should be taken to avoid skin cuts during installation. A risk assessment should be carried out prior to installation. *Please read the full instructions before commencing installation.*

Handling: You should note the weight of the units before lifting, normal safe handling and lifting precautions should be adopted.

Location: The Vent can be fitted at any level but should be installed where they cannot be blocked by items of equipment. Make sure the vent is installed in the correct orientation relevant to the room being protected (see diagram above).

Aperture Sizes: The sizes are located on the product data sheets (width x height).

Installing: The Wall Liner should be fitted first, followed by the Vent. If the Extension Sleeve is being fitted use a screw driver to push up the 'tab' to interlock with the Wall Liner. Additional items such as Cover Grilles and Weather Louvres Kit can then be fitted.

A continuous 6-10mm bead of 4-hour fire rated intumescent acrylic mastic seal is used between the flanges and the mating surface and around the outer edge of the flange to form an additional seal. Where the unit is to be installed into a wall of less than 105mm(FSV) or 140mm(SGV) thickness, a C-Frame will be required.

Included with the unit are 50 x 5 mm (No. 10 x 2") self-tapping Panhead screws these are suitable for stud partition walls. For further details on stud partition wall construction refer to the Stud Partition Installation Guide. For installation into Block work wall we recommend the use of Masonry Screw fixings (5.0 x 32mm) using the appropriate pilot drill bit, drill holes in the wall using the Vent / Wall Liner frame as a guide. Once the holes have been drilled the Masonry Screws can be used to fix the Vent and Wall Liners securely. **DO NOT** over-tighten any of the fixing screws. If required the flanges can have additional holes drilled on site, any unused holes should be filled with intumescent acrylic mastic seal.

Once installed the free movement of the vent blades should be checked.

Note: Weather Louvres are supplied with flanges undrilled to allow for greater fixing flexibility on site.

Maintenance: The design is of low maintenance, the blades should be checked for freedom of movement when the Gas Fire Suppression System is serviced.