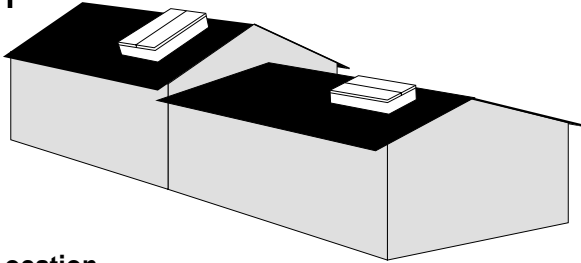


BS Fire Ventilator

1



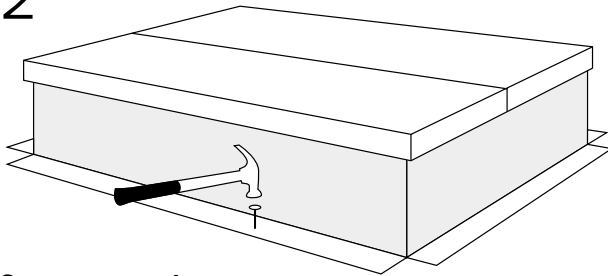
Location

Right-angle to ridge: Roof pitch max. 45°

Parallel to ridge: Roof pitch max. 30°

NOTE: Sign "This side up" turned towards ridge.

2



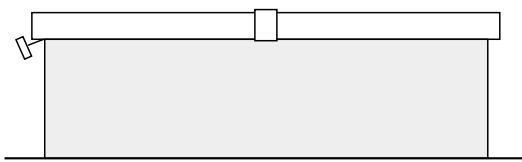
Secure one edge

Light concrete: Concrete nails

Sheet metal roof: Sheet metal screws or pop rivets

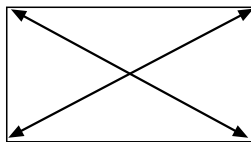
Concrete: Concrete nails (using concrete-nail gun) or expansion screws

3

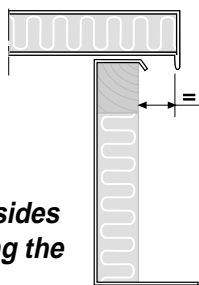


Right-angle mounting

A) Check the corner angles by opening and closing one of the hatches.



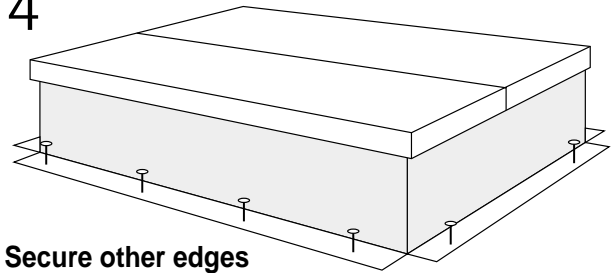
B) Adjust the angle by pressing one of the unattached corners. At a right angle, the hatch overlaps the ventilator equally along all edges.



C) Remove any retaining magnets from the shipping guards after making electrical connections.

NOTE: Shipping guards on the sides must be removed before opening the hatch.

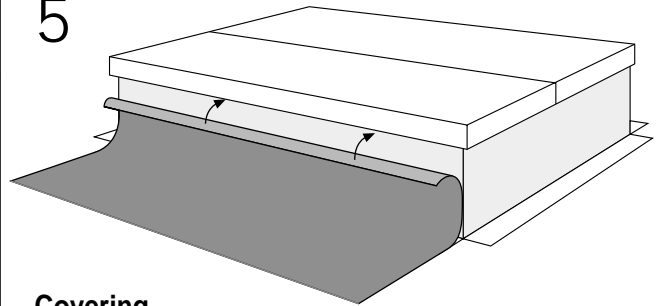
4



Secure other edges

See point 2.

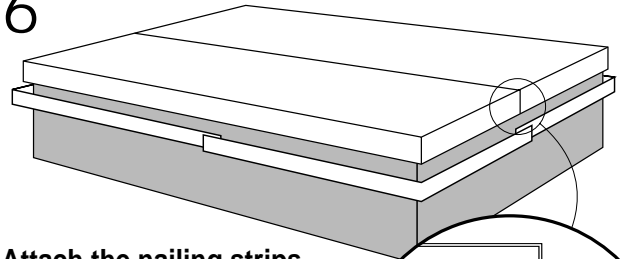
5



Covering

Apply tarpaper or sheet metal. Attach the gasket in the wood guide with nails cc 150 mm or other equivalent method. The corners shall be reinforced with inserts of pre-made, formed rubber pieces.

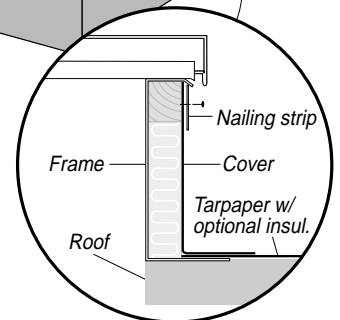
6



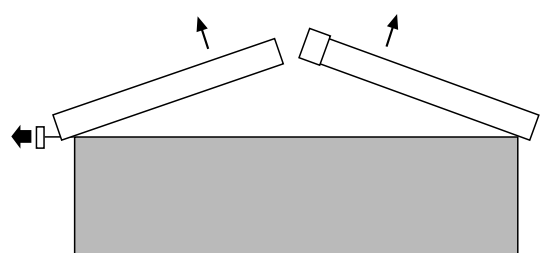
Attach the nailing strips

at the top of the frame in accordance with the figure detail. Begin with the pull-handle and work clockwise.

NOTE: The nail strips are attached under the centre trough outlet.



7



Test opening operation

BS Fire Ventilator

Swedish Fire Protection Association Recommendations

The fire ventilator's operation is inspected regularly. Proper care and good maintenance is required, especially in the winter during extreme cold and heavy snowfall, and for installations with corrosive atmospheres.

The following program is recommended for making inspections:

- Careful check of all fire ventilators is performed immediately after installation during which each component part's operation is checked.
- The fire ventilator's operation is tested regularly, both during the summer and winter. At least every sixth month, one-sixth of the total ventilators are tested; the others are visually inspected at the same time.
- Extra checks are made upon altered operational circumstances, upon rebuilding or after painting because of risks for moving parts fastening or becoming damaged.
- During the winter, checks are made that the fire ventilators are free from ice and snow.
- In other respects, the manufacturers'/installers' instructions are followed for care and maintenance of the fire ventilators.

Lubrication

The locking mechanism's moving parts shall be lubricated in conjunction with the regular operational checks.

Operational Testing

After installation of a fire ventilator, it shall undergo operational testing.

- Pull the handle at one of the ventilator's sides.
- Check that the hatch opens.
- Close the hatch by hand. This can normally be done by one person.

Inspecting Fire Ventilators with Electrical Components

- Open the fire ventilators from the respective control units.
- Open by section.
- Ensure that the hatches open.
- Check the operation of any signal sensors that indications for open/closed switch on the respective signal displays are attained.
- Close the hatches manually from the roof.