

## FIXING INSTRUCTIONS

### FRESH 99H/99HdB WALL VENT

#### Hole sizes

**Fresh 99 H** 101mm (minimum)

**Fresh 99HdB** 145mm (minimum)

Recommended installation height is 1.7m above floor level to allow incoming cold air to mix with room air and avoid direct draught. Site either in corners of rooms to avoid stagnant air pockets, or above radiators to avoid convection and air mixing. Ventilators can be installed in solid or cavity walls. Fix with a slight downward tilt to the outside to ensure condensation and rainwater will not run into the building. Cut a suitable hole for the circular wall sleeve using a core drill. Cut wall sleeve to the correct length, reassemble, insert through wall and push fit outside grille. Apply mastic to the rim of the external and internal mounting plates to form a seal. Where using an acoustic sleeve, apply mastic to the back of the wall plates and the acoustic sleeve to ensure an airtight joint. It is recommended that a cavity tray should be provided above the ventilator where the wall cavity is bridged.

#### Shortening

##### Fresh 99H

Cut the vent tube to the required length. The vent can be adapted to walls up to a maximum 350mm thick. Extension tubes are available for thicker walls.

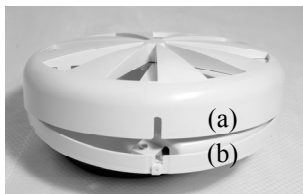
##### Fresh 99HdB

Cut the sleeve to the wall thickness. The acoustic sleeve is easy to cut using a knife or saw. Longer sleeves can be made to order.

#### Installation

##### Inside vent

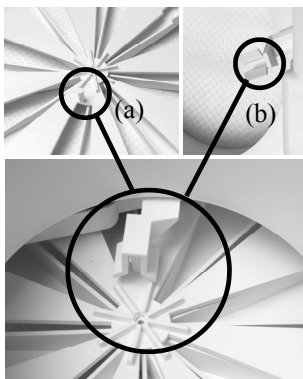
- 1 Remove the fascia from the base unit of the extract by gently pulling the front fascia (a) from the base unit (b).



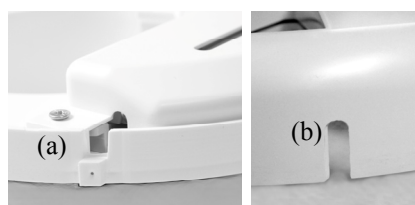
- 2 To install, screw the base unit of the internal grille to the wall using 3 No 4mm diameter self-tapping screws through the holes provided on the plate.



- 3 Align the fascia notch (a) on the back of the fascia, with the base unit control arm (b). This ensures that the humidity sensor controls the opening and closing of the grille.



- 4 Once in place, locate the fascia over the base unit ensuring that the placement lug of the back plate (a) lines up with the receptor void on the perimeter of the fascia (b).



- 5 Once located, gently push-fit together until the two parts click into place.



##### Outside grille

Mount the grille using 4 screws in 4 No 4mm diameter, holes.

#### Operation

The **Fresh 99H/99HdB** is fitted with an automatic humidity controlled grille which opens and closes in response to changes in relative humidity to ensure the ventilation rate is at the required level to continuously combat moisture and condensation. At low levels of relative humidity, the extract never fully closes, providing a low level of background ventilation to ensure continuous ventilation.

#### Maintenance

The **Fresh 99H/99HdB** internal grille should be cleaned periodically in order to maintain its performance. Referring back to the installation process, remove the cover from the base. Clean the cover, rotating flange and nylon strands with soapy water. Rinse and dry thoroughly.

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