

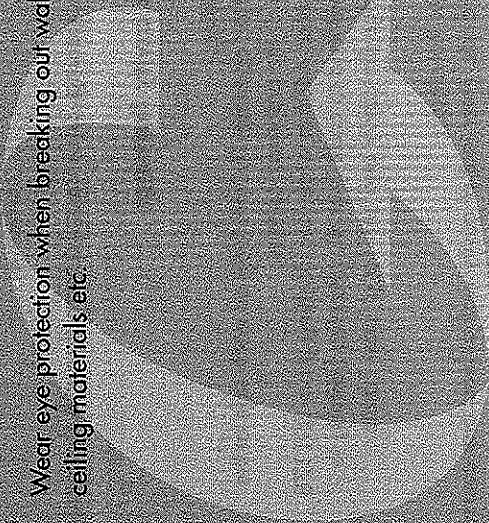
Greenwood

AIRVAC DOMESTIC FAN

AAB

Installation Instructions

1. Please read all instructions before commencing installation.
2. Observe appropriate safety precautions if working off steps or ladders.
3. Wear eye protection when breaking out wall or ceiling materials etc.



Greenwood
Airvac

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EC Declaration of Conformity
We Declare that Type
conforms to 89/336/EEC
7323JEEC

P530/25

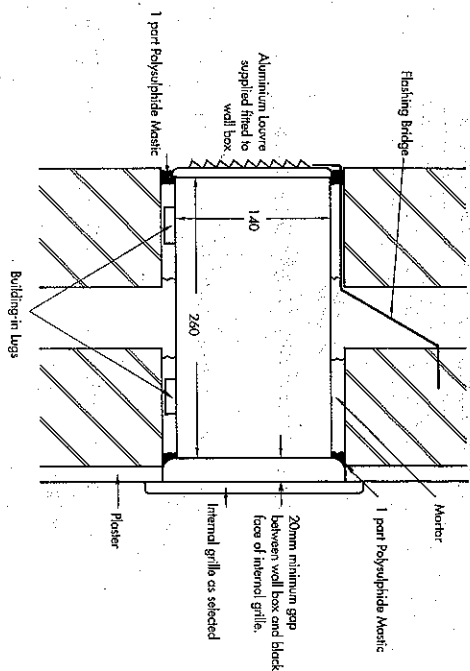
Issue C

JANUARY 2000

05.10.003

Etex GROUP

Installation



Cut an opening 240mm x 165mm through the wall.

1. Fix cavity flashing:

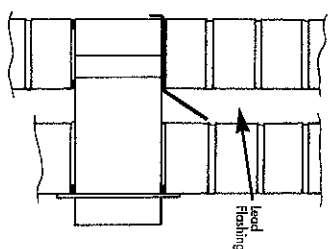
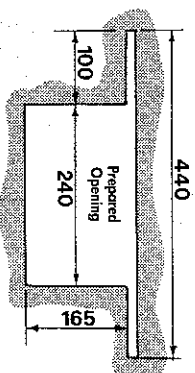
a. Existing:

Cut an opening 100mm long on each side at the top of the prepared opening.
Position 440mm wide lead flashing (from BS1178 sheet lead to code 3 or 4), allowing flashing to bridge the cavity and turn up at least 75mm.

b. New Buildings:-

Build into inner leaf of cavity wall at least one course above ventilator.
Lead flashing (from BS1178 sheet lead to code 3 or 4) to extend 100mm beyond the ventilator on each side.

Dress down lead 25mm.



SECTION - Existing building

1. Place ventilator in opening, ensuring external louver is flush with face of wall. The building-in lugs should act as feet and should be sealed firmly in cement.

2. Make good prior to pointing with one part Polysulphide Mastic to BS5215.

NOTE:

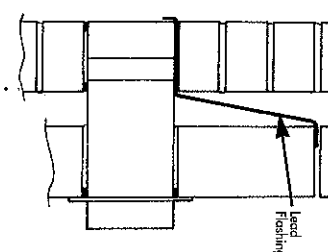
Particular care must be given to the grouting and pointing to make sure there is no acoustic breakout at the joints.

3. Dress down the lead flashing 25mm to cover the top edge of external louver.

Be careful not to block air passages.

4. Fit exposed site baffle if required. Punch out 4 corner holes and fit to acoustic airbrick with 4 self-tapping, No. 6 size screws (not supplied)

5. Remove packing strip from the two airway tubes.



SECTION - New building

6. Minimum 20mm space must be left between the end of the unit and the back of the internal grille.
If wall does not permit 20mm space, use a timber surround.

7. All gaps around inside edge of the timber surround and unit should be properly sealed with Polysulphide Mastic.

8. Fit internal grille.

MAINTENANCE

Periodically check th external louver is not blocked or obstructed and internal grille is clean.

Airvac Acoustic Ventilator Type AAB — 4000

Installation

NOTE: PLEASE READ THESE INSTRUCTIONS CAREFULLY AND BE SURE YOU UNDERSTAND THEM BEFORE ATTEMPTING ANY INSTALLATION WORK. INCORRECT FITTING WILL IMPAIR THE ACOUSTIC AND AERODYNAMIC PERFORMANCE OF THE VENTILATOR.

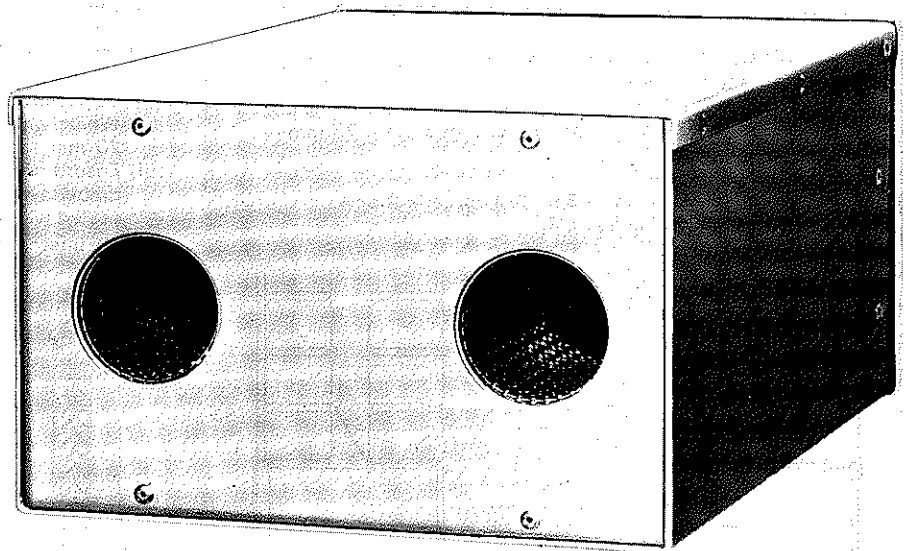
ANY DOUBTS PLEASE SEEK ADVICE DIRECT FROM GREENWOOD AIRVAC.

Components supplied

1. Acoustic ventilator complete with external louvre grille fitted.
2. Internal grille.
3. Exposed site baffle—(Type H1) supplied only when specially ordered.

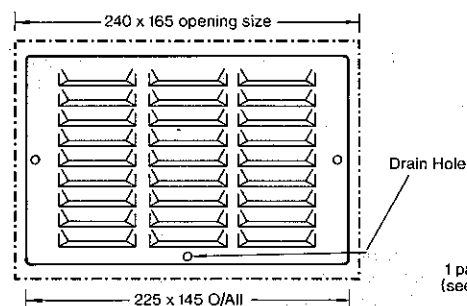
Site Fixings not supplied by GAV

Flashings; mastics; groutings; timber surround; screws.

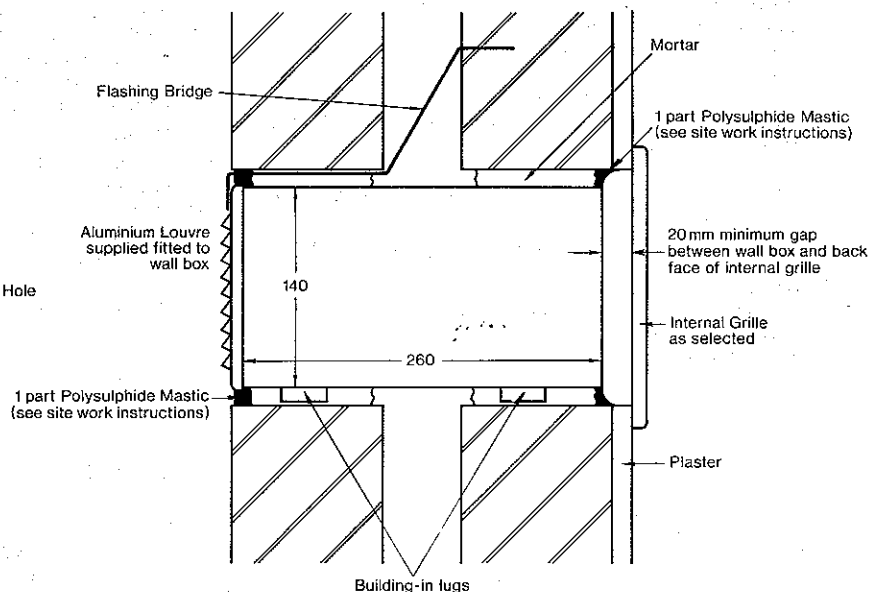


The ventilator is suitable for installation into external walls of cavity or solid construction in new and existing buildings.

External Louvre



Typical Cavity Wall Insulation



Airvac—registered trade mark

Airvac Acoustic Ventilator—patented

Greenwood Airvac Installation Instructions

To Fix

1. Determine the location, mark out and prepare hole 240 mm x 165 mm.
2. Fit cavity flashing
 - (a) existing buildings—
 - (i) Cut 100 mm long slot on each side at top of the prepared opening—see figure 1.

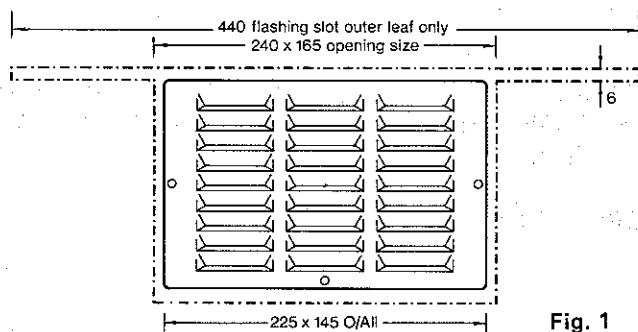


Fig. 1

- (ii) Use 440 mm wide flashing from BS 1178 sheet lead to code 3 or 4.
 - (iii) Position in prepared opening allowing the flashing to bridge the cavity and turn up at least 75 mm—see figure 2.
- (b) new buildings—
 - Sheet lead flashing to BS 1178 to code 3 or 4.
 - Fit as indicated in figure 3.

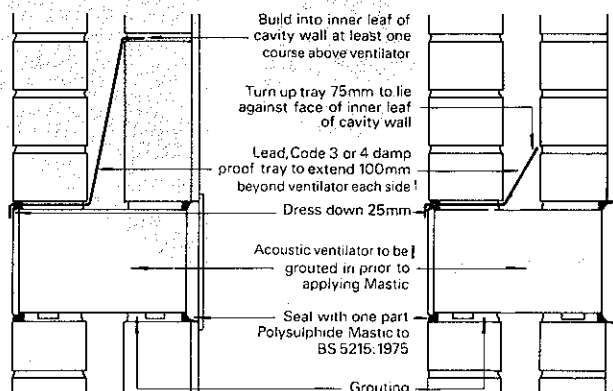


Fig. 3

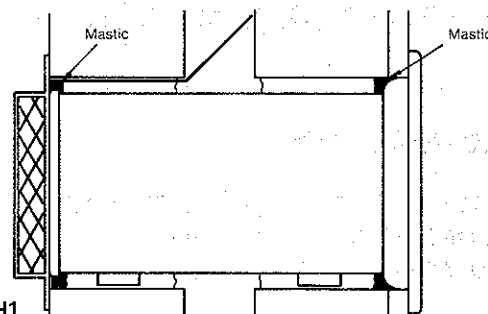
Fig. 2

3. Fit Acoustic Ventilator

- (i) Place the ventilator in the prepared hole with the external louvre flush with the external face of the wall, ensuring the building-in lugs act as feet and are seated firmly in cement.
- (ii) Grout in all round with cement prior to pointing with one part Polysulphide Mastic to BS 5215 as indicated in figures 2 and 3. Particular care must be given to the grouting and pointing to ensure there is no acoustic break-out at the joints.

Mastics to comply with the requirements of BS 5215.
- (iii) Dress down the lead flashing 25 mm to cover top edge of external louvre—see figures 2 and 3. Care must be taken not to block the air passages of the louvre.

- (iv) Fit exposed site baffle when necessary—see figure 4.

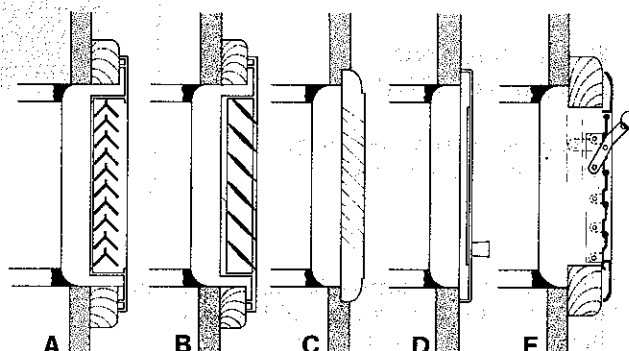


TYPE H1
Exposed Site Baffle

Fig. 4

4. Fix Internal Grille

- (i) Remove printed packing strip from the two airway tubes.
- (ii) Minimum 20 mm space must be left between the end of the unit and the back of the grille (see template on packing strip). Where the thickness of the wall does not permit 20 mm space, a timber surround must be installed.
- (iii) Ensure all gaps around the inside edge of the timber surround and the unit are properly pointed and sealed with one part Polysulphide Mastic to BS 5215.
- (iv) Fix internal grille.



- (a) GL20W (b) GL70D (c) Plaster vent (d) Hit and miss (e) 1HM. Grilles (a), (b) and (c) are for permanent ventilation. Grilles (d) and (e) are for controllable ventilation, where this is permitted by the regulations.

Maintenance:

No maintenance is required on the ventilator except occasional inspection to see that—

- (i) the external louvre is not blocked or obstructed—e.g. by damage, plant foliage.
- (ii) the internal grille is clean—e.g. free from dirt, grease.

Guarantees—

1. Performance

Greenwood Airvac will only guarantee the acoustic and aerodynamic performance of the ventilator providing the installation instructions are strictly adhered to. Approval for any departure from these instructions must be obtained in writing.

2. Weathertightness

- (a) To ensure the weathertightness of the wall is not impaired due to the fitting of the ventilator, the correct mastic must be used.
- (b) Exposed sites or high-rise applications—extra weathered baffle must be installed.

Greenwood Airvac terms and conditions apply.