



AIR BRICK PASSIVE AIR VENT

The Airbrick Passive Air Vent is the passive solution to condensation, mould growth and ventilation. Developed in Britain it works on scientific principles as simple as ABC.



Numerous local authorities, households, housing associations and dampproofers throughout the UK have now installed thousands of Airbrick Passive Air Vents.



BEFORE INSTALLATION



AFTER INSTALLATION

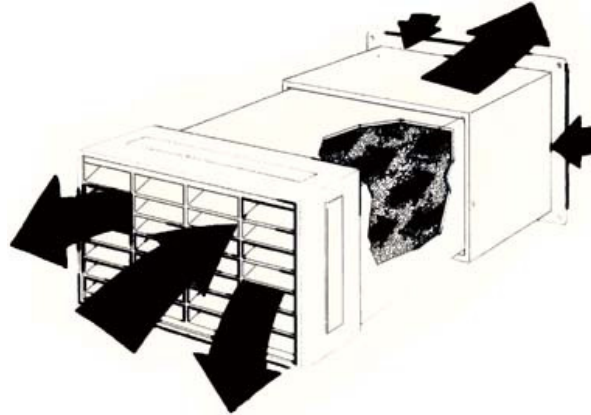
Air Brick Passive Air Vents promise the balance between the need for ventilation and heat conservation.

KEY FEATURES

- Transparent to water vapour
- No moving parts
- Works passively 24 hours per day
- Makes no noise
- Can be installed in approximately one hour

BENEFITS

- Reduces draughty air flow and heat loss
- No Running Costs
- Minimal maintenance
- Works at peak condensation time
- No night time disturbances from compressors or fans
- Low installation costs

**PRINCIPLE OF CONDENSATION CONTROL**

1. The production of moisture-laden air within a building results in a higher vapour pressure than outside. If there is an opening through which the moisture vapour can escape (being naturally inclined to move from high to low pressure) then condensation will be alleviated.
2. The mineral fibre core of the vent is transparent to moisture vapour whilst at the same time it stifles draughts. Air still passes through but in a calm, draught-free way.
3. The constant, self-regulating movement of moisture vapour by diffusion ensures that the risk of condensation, whatever the environmental conditions, is significantly reduced.

SITING OF VENTS

1. Four of the vents positioned at ceiling height, two in each of the opposite facades on the ground floor, should provide a cross-flow sufficient for the average two or three bedroomed property. "Out of the way" rooms could be considered for an additional vent.
2. The vents occupy the space of a normal 9" x 6" airbrick (which is supplied as the external facing part of the vent).
3. Full installation instructions are supplied with each vent.

SPECIFICATIONS

TUBE THICKNESS	3mm
MAIN TUBE WIDTH	206mm
MAIN TUBE HEIGHT	126 to 136mm
MAIN TUBE LENGTH (OPEN)	340mm
MAIN TUBE LENGTH (CLOSED)	240mm

To fit 230mm x 155mm aperture (i.e. standard 9" x 6" airbrick)

All sizes quoted are to the nearest millimetre