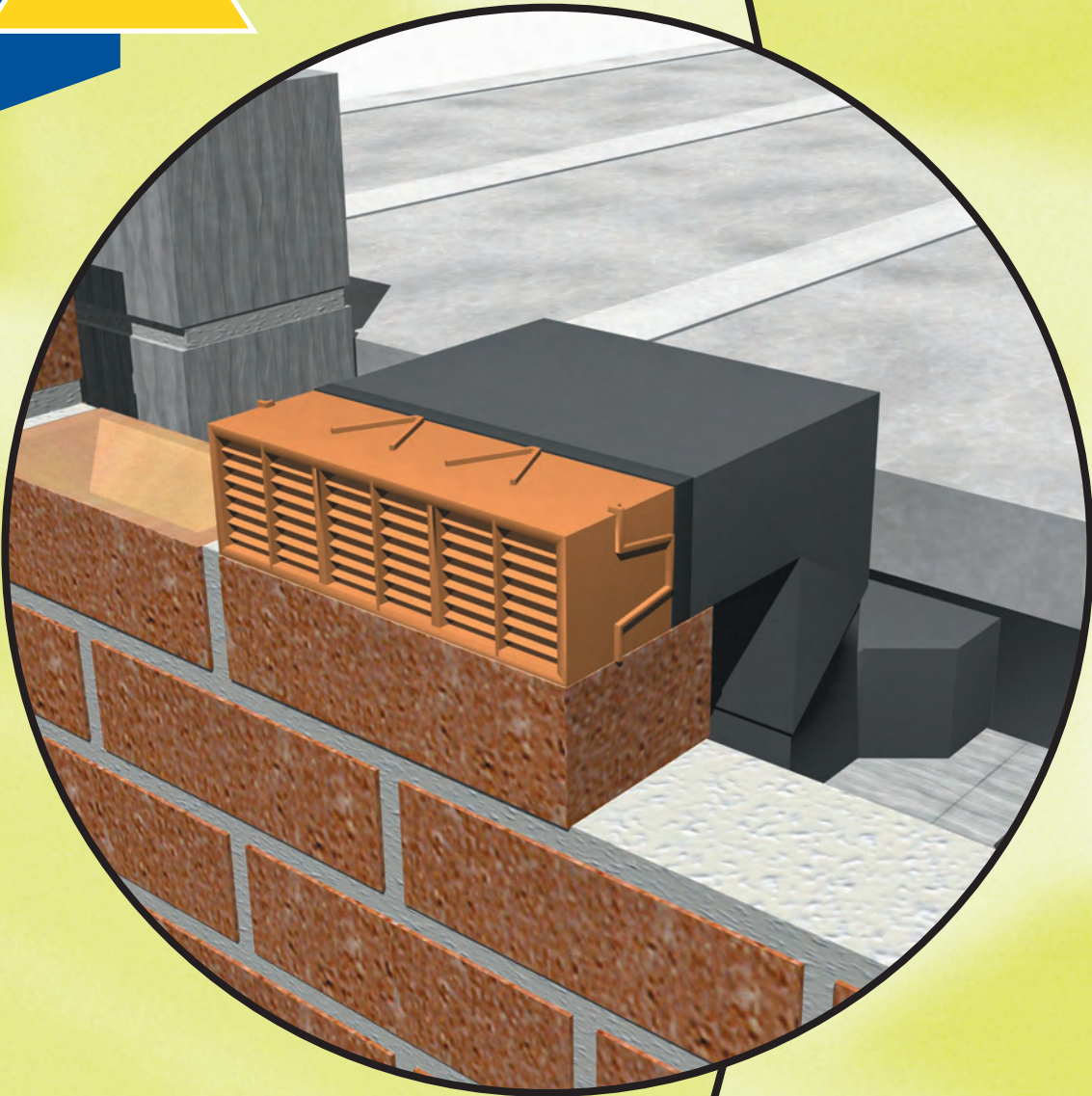


# MANTHORPE BUILDING PRODUCTS



CI/SfB (57) X



THROUGH WALL & UNDERFLOOR  
VENTILATION PRODUCTS

Including the Manthorpe Peep Weep

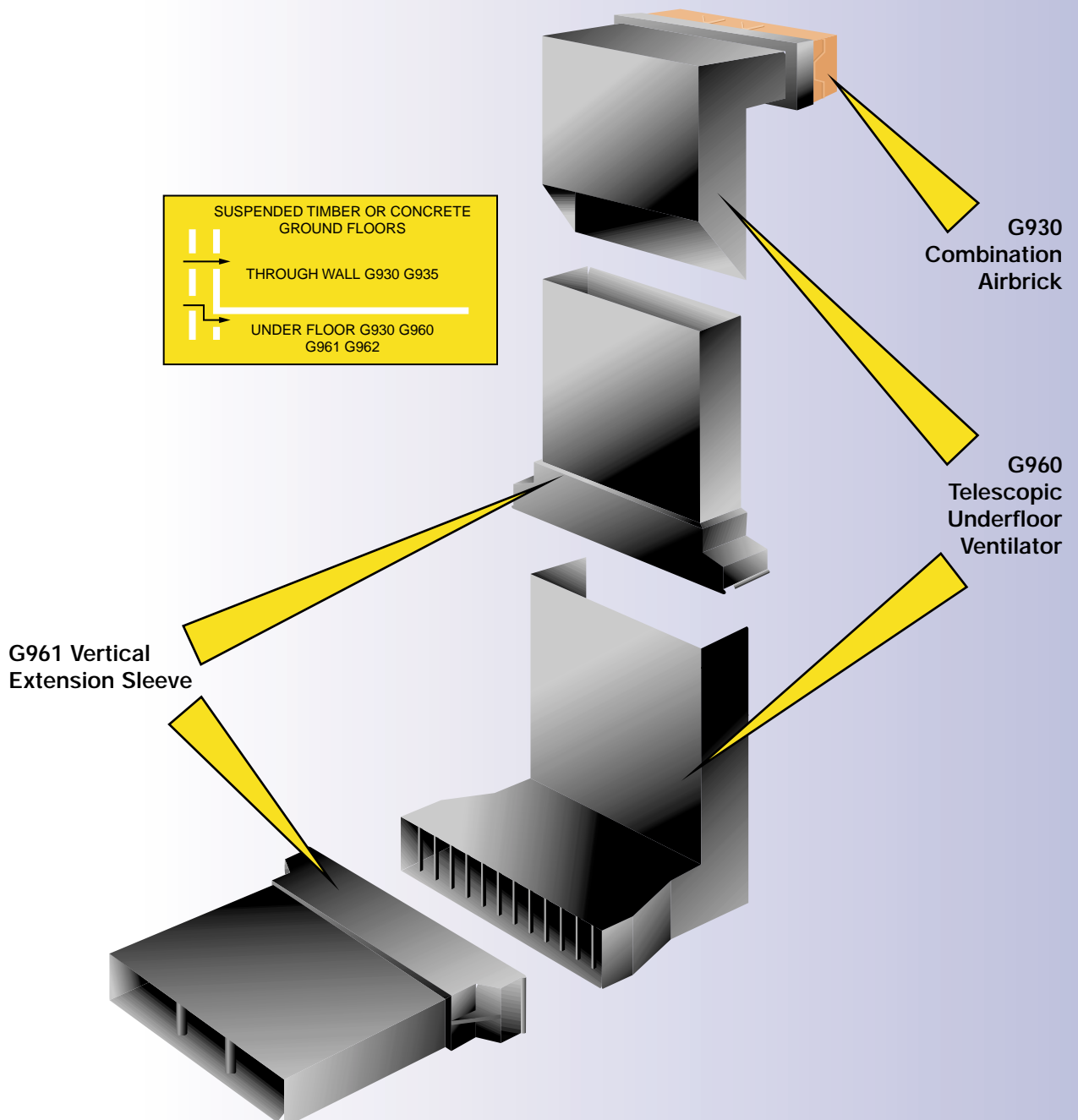




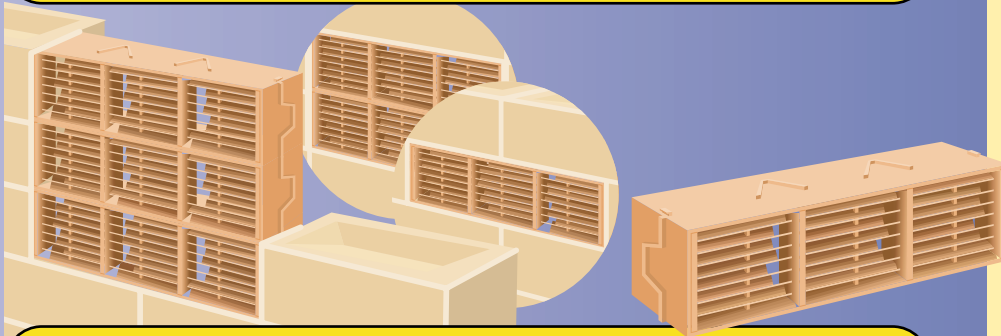
Modern construction practices have created thermally efficient buildings which require the installation of through wall ventilation products to prevent problems caused by condensation. Similarly, the increased use of suspended floors replacing the traditional concrete foundation has meant that the requirement to provide sufficient ventilation to the voids below floor level has also become paramount.

Building Regulations and NHBC guidelines state that a gap between the ground and the underside of the floor should be provided to prevent the build up and passage of condensation and contaminated air and that this void should be adequately ventilated.

Manthorpe's range of ventilators and airbricks diffuse potentially dangerous gases, such as methane, which can seep from the ground in the space beneath timber and suspended floors.

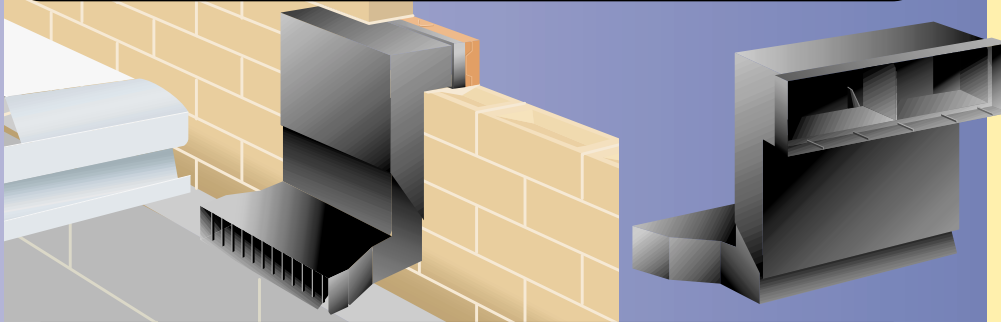


### G930 COMBINATION AIRBRICK



▲ The Manthorpe **G930 Airbrick** has been designed to provide high levels of ventilation into cavity walls and underfloor voids. The brick incorporates a front mounted grille together with water deflectors which include a 20mm integral rear upstand. A mortar key around the edge of the airbrick ensures secure adhesion to the building fabric and a clip together facility provides a choice of ventilation sizes. Manthorpe's **G930 Airbrick** is suitable for use with gas appliances.

### G960 TELESCOPIC UNDERFLOOR VENTILATOR



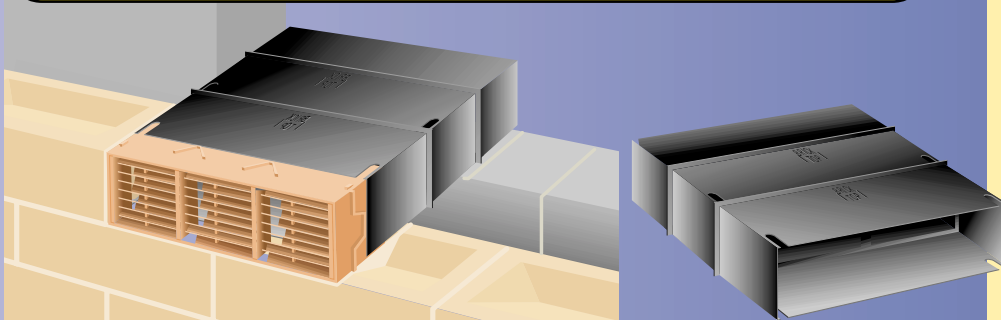
▲ The **G960 Vent** provides underfloor ventilation for suspended concrete and timber floors. The telescopic feature enables the ventilator to adjust vertically between three and five brick courses. Correct airflow requirements are achieved when the ventilator is used in conjunction with a Manthorpe **G930** airbrick. The aperture can also accept a standard clay airbrick, albeit with a reduced airflow.

### G961 VERTICAL EXTENSION SLEEVE



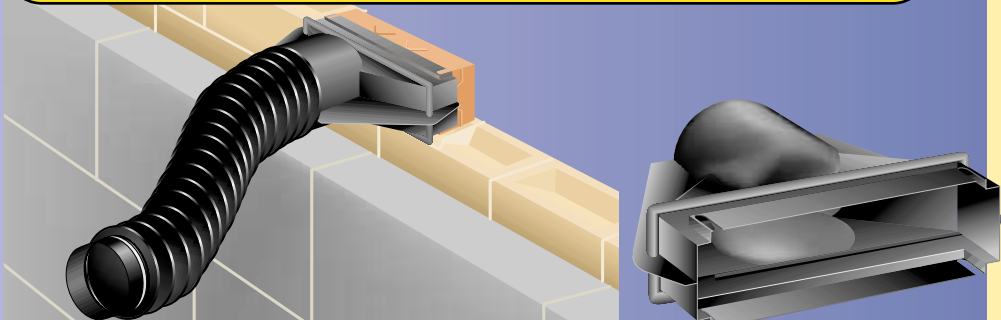
▲ The **G961 Vertical Extension Sleeve** has been designed for use with the Manthorpe **Telescopic Underfloor Void Ventilator (G960)**. Each extension sleeve enables adjustment of a further two brick courses vertically. The sleeve can also be fitted to the base of the **G960** to provide horizontal extension through larger cavities.

### G935 COMBINATION CAVITY SLEEVE



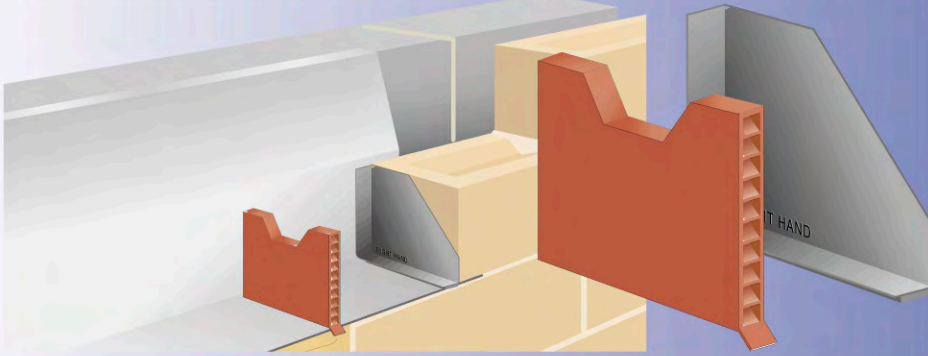
▲ The **G935 Combination Cavity Sleeve** fits into the back of Manthorpe's **G930 9" x 3" Airbrick** to ventilate through a standard cavity or solid brick wall. The unit can be stacked to create a 9" x 6" and 9" x 9" alternative and telescopes to fit cavity widths of 50mm to 100mm, with further extension possible through the addition of extra product units. The **G935** also includes an integral wind baffle.

### G962 REMOTE VOID VENTILATOR

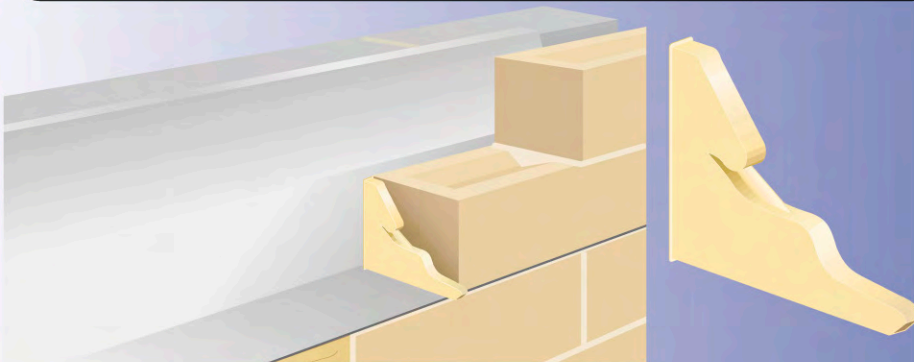


▲ The **G962 Remote Void Adaptor** ensures ventilation reaches underfloor cavities which are difficult to access with a standard unit. The adaptor fits directly onto the **G930 Airbrick** or **G960 Telescopic Underfloor Ventilator** and will accept a standard four inch soil pipe, or Manthorpe's **GRPA Flexipipe** to direct the passage of air.

**G950 WEEP VENT SLEEVE  
G955 LINTEL STOPEND**



**G951 PEEP WEEP**



▲ **Manthorpe has a range of technical data sheets available on request to provide step by step guidance for each fitting situation plus a Technical Helpline for one-to-one advice.**

**Simply call 01773 743555**

**PRODUCT SPECIFICATION GUIDE**

Product Reference	Free Airflow mm <sup>2</sup>	Size Width/Height	Material	Colour	Box Qty
G930 Airbrick	6600	9x3/6/9"	Polypropylene	Brown, Blue/Black, Terracotta, Buff*	20
G960 Underfloor Vent	6600	3-5 Courses	Polypropylene	Black	20
G961 Extension Sleeve	6600	+2 Courses per unit	High Impact Styrene	Black	20
G935 Cavity Sleeve	6600	9x3/6/9"	High Impact Styrene	Black	10
G962 Remote Void Ventilator	6600	9x3" - 4" dia.	High Impact Styrene	Black	10
G950 Weep Vent Sleeve	220	100x65mm	Polypropylene	White, Brown, Black, Buff, Terracotta, Blue/Black, Grey, Clear	50
G951 Peep Weep	-	100x65mm	High Impact Styrene	Buff, Terracotta*	100
G955 Lintel Stop End (pairs)	-	95x65mm	Polypropylene	Black	25

\*Other colours available to order

**REFERENCES**

Building Regulations 1991 (Revised 1992)  
Site preparation and resistance to moisture.  
Approved Document C4.

B. S. 5440: Part 2: 1989 Specification for the installation of flues and ventilation for gas appliances.

B. S. 5250: 1989 Control of condensation in buildings.

NHBC Standard 5.2: Suspended ground floor.

NHBC Thermal Insulation and Ventilation - Good Practice Guide.

**MANTHORPE QUALITY**

Manthorpe manufactures a range of ventilation and building products at its headquarters in Derbyshire under an ISO9001 Quality Assurance Scheme.

All products are designed to comply with the relevant current Building Standards when fitted in accordance with the manufacturer's instructions. The company maintains a policy of continuous development of its product range and reserves the right to amend the specifications without notice.

▲ NHBC guidelines for External Timber Framed Walls state that the cavity should be ventilated. Manthorpe's traditional weep is effective in this situation providing 220mm<sup>2</sup> free airflow and also suitable for use in high drainage applications e.g. with Manthorpe's cavity tray range. It has an anti-blockage feature to prevent ingress of driving rain while incorporating an insect grille and a drip lip.

▲ Manthorpe's **G955 Lintel Stopend** prevents water discharging from the ends of lintels to meet NHBC regulations.

▲ The **G951 Peep Weep** provides an unobtrusive through wall drainage system with just a single point outlet in the brick fascia. To guard against blocking the concealed weep has an angled front face and protective hood.

The Peep Weep, with its unique mortar key, and the **G950** are suitable in all situations e.g. for use as stated in the NHBC guidelines: "Weep holes should be provided spaced at maximum 450mm intervals. Each opening should have at least two weep holes."



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