

# GB Vent

Slotvent

## Physical specification

All measurements in millimetres



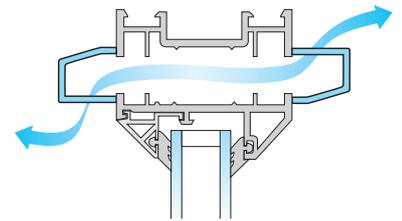
## Features and benefits

Designed for use in combustion environments.

Permanent ventilation.

Conforms to BS 5440: Part 2:2000 , which recommends permanent marking.

Free Area Performance.



## Models and control options

Product Code	Free Area (mm <sup>2</sup> )	Dimensions (mm) l x h x d	Slot Height (mm)	Slot Size (mm)		Control	Colour
				Length	Central gap		
5000GB	5000	400 x 22 x 29	15	176	20	Permanent	W, B

**Scottish Building Regulations:** Free Area as above. **Colour:** White (W), Brown (B).

## Guide to combustion environment requirements

Provision of the correct amount of air into combustion environments is crucial for the safety of occupants, as carbon monoxide gases need adequate air supply to escape. The combination of factors is complex and it is impossible to give every detail, however the following definitions and recommendations should be useful:

### Defined appliances

**Flueless appliances:** designed for use without connection to a flue system e.g. oven or stove.

**Open flued:** designed to be connected to an open flue such as a chimney e.g. a gas fire fitted to a chimney breast.

**Room sealed:** combustion air inlet and combustion product outlet are isolated from the room containing the appliance e.g. a balanced flue boiler.

All such appliances may require combustion air provided by 'Air Vents' room sealed appliances only require air vents when fitted within a compartment. The amount of ventilation required is a function of the output of the given appliance.

Prior to installation of any ventilation product, checks must be made in order to establish that the correct ventilation area is being provided. If in any doubt please contact our Technical Sales Department who will endeavour to provide assistance or contact a Gas Safe registered engineer.

## Performance

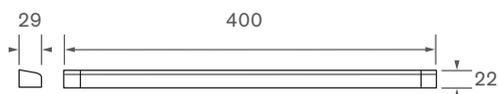
BS 5440 Part 2: 2000 Specification for the installation of ventilation for gas appliances.

In internal spaces with gas appliances, the provision of Combustion Air can be provided through 'Air Vents'; A non-adjustable ventilator designed to allow the passage of air at all times. The ventilator must be fitted with apertures that prevent the entry of a 10mm diameter ball, but allow the entry of a 5mm diameter ball. No gauze or screen should be incorporated or fitted.

The ventilator should be sited at a high level or adjacent to the appliance and the Free Area should equal the sum of the individual areas apertures of the ventilator.

Greenwood's GB ventilator has been tested and conforms to BS 5440 Part 2: 2000 and requirements laid down in current Building Regulations.

Extract from BS 5440 Part 2: 2000 courtesy of British Standards Institute.



**5000GB**

## Ordering information

**To Order:** 5000GB + colour option e.g. W (white): 5000GBW