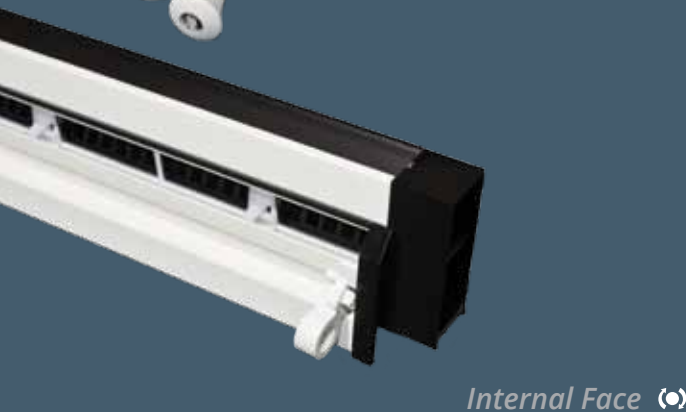
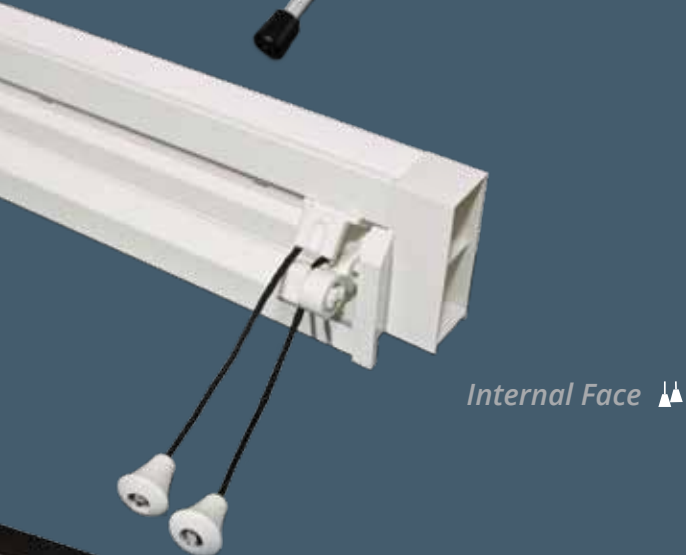
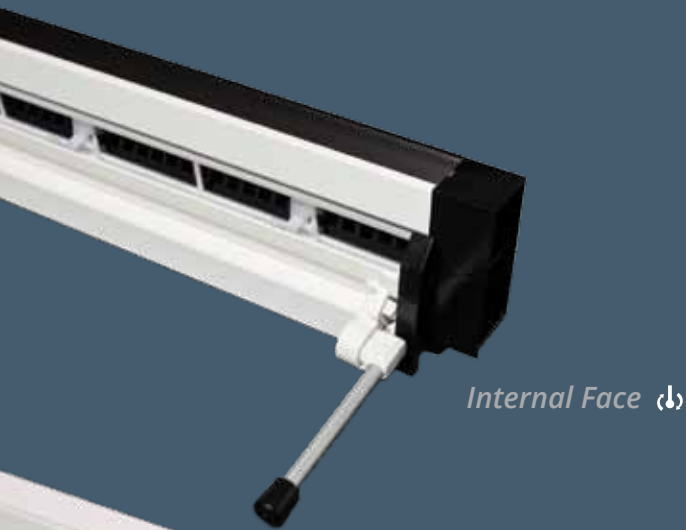


BROOKVENT

airvent

DG 1500

A high performing Glazed In vent that succeeds in achieving high ventilation rates in even the narrowest of window styles



Features

- Natural upward deflection
- Insect grille
- Manufactured from extruded aluminium (vent body)
- Polyester powder coated
- 10 Year Guarantee
- uPVC Hood

Options

- (⦿) Manual Control
- (▲▲) Cord Control (Right or Left hand)
- (↵) Rod Control
- (≡) Bespoke Sizes
- ALU** Aluminium Hood
- FC** Fully Controllable Ventilation
- (⋯) Concealed Trickle Ventilation
- (↔) Permanently Open Ventilation
- (🔥) Gas Regulation Vent (see Gas Boiler Sheet)

Colours

- White (HIPCA) RAL 9910 "Semi-gloss"
- Black RAL 9005 "Semi-gloss"
- Mill Finish

Bespoke Colours and Finishes Available

Unit sizes (Glass Thickness)

Available in 24mm and 28mm

Sizing Guidelines

Whilst the Brookvent range of Glazed-in Window Ventilators has been designed to suit all window systems, Brookvent strongly advise a test installation be carried out. This test should:

- Check that the correct glass reduction has been applied
- Ensure that sufficient working clearance remains to successfully fit the glazing beads

Please note that the overall ventilator width is usually the same as the glass unit width.

Airflow Guide

Glass Thickness	Option	Equivalent Area/Metre	Length for 2500 EA	Length for 5000 EA	Geometric Open Area/Metre
24mm	DG 1500 Fully Controllable & Concealed Trickle	10907	229mm	458mm	15000mm
28mm	DG 1500 Fully Controllable & Concealed Trickle	11045	226mm	453mm	15000mm

☰ Bespoke sizes available

Air Permeability

50 Pa 0.42 l/s (Closed Position)

Tested to BS EN 13141-1

Glass Height Reduction (Guide Only)

For 24mm (Glass Thickness) the normal glass height reduction is 65mm for a 15mm rebate, to give a 12mm maximum glazing depth. If the rebate exceeds 15mm then the glass height should be reduced in proportion (e.g. 22mm rebate = 72mm reduction).

The 28mm (Glass Thickness) option may differ due a 5mm height increase to the ventilator head detail (i.e. glass height reduction of 70mm). This allows for greater penetration into the window rebate without necessarily increasing the glass reduction.

Acoustics

Under normal conditions the airvent DG 1500 achieved the following Sound Reduction results:

Position	Acoustic Detail
FULLY OPEN (Normal Operation Mode)	Up to 27 db Dnt Rw Up to 28 db Dne W
CLOSED (Concealed Trickle)	Up to 33 db Dne W
CLOSED	Up to 35.5 db Dnt Rw Up to 40 db Dne W

Acoustic test data available upon request

Cross Section Dimensions

DG1500

A (Glass Thickness)	24	28
B (Overall Height)	74	79
C (Rebate Depth)	15	20
D (Overall Width)	59	63
E (Glass Height Reduction)	65	70

Dimensions in mm

