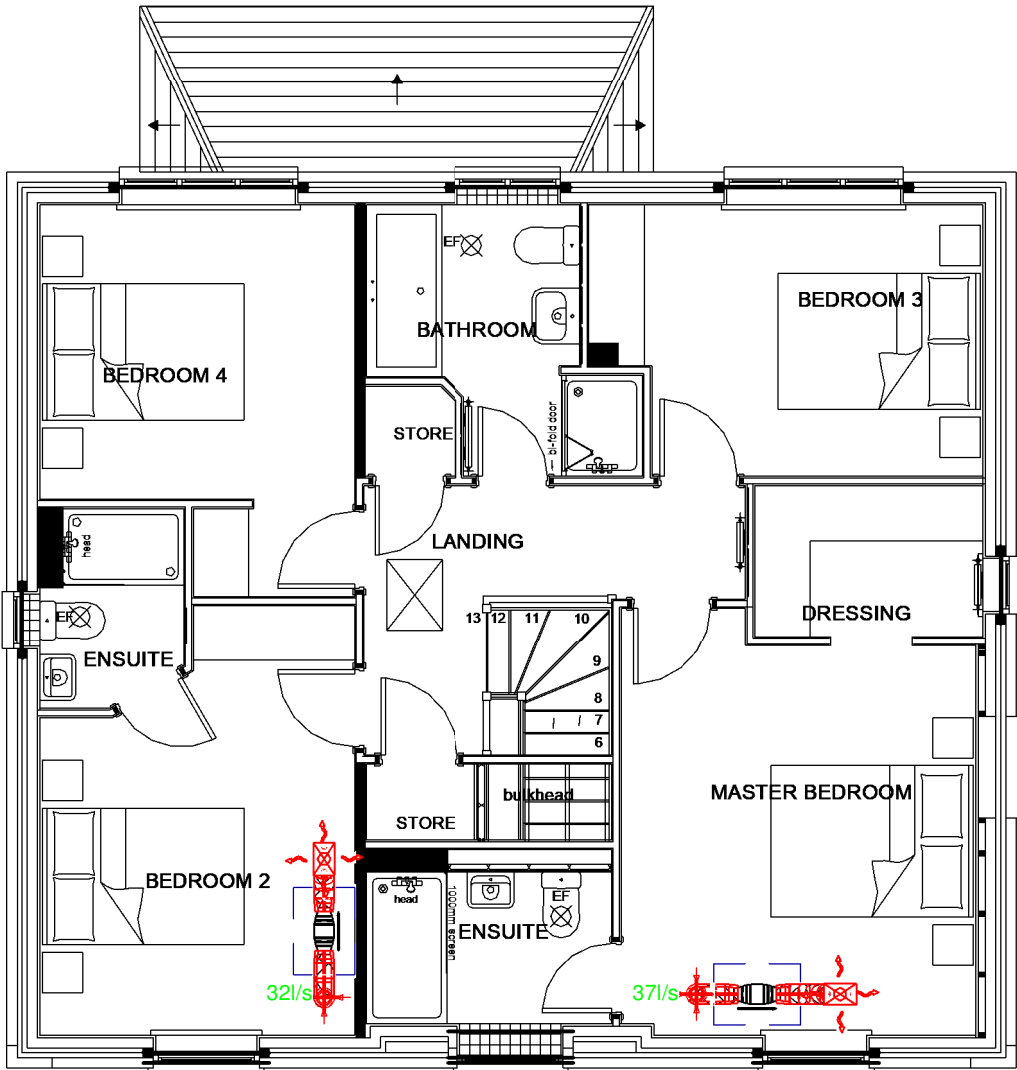


SILMV350/125 Inline Fan - the system utilises Ø150mm flexible/rigid ducting. Any ducting requiring insulation is shown with cross hatching on the design.

SILMV350/125 Inline Purge Fan to provide four air changes per hour to those habitable rooms without an openable window. Fan is to be used intermittently when required.

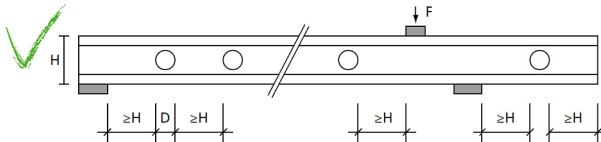


First Floor

ACCESS AND SERVICE HOLES

Holes should be positioned in the middle of the web. The location and maximum sizes of the holes can be calculated in accordance with the drawing and table below.

Holes up to a maximum diameter of 20 mm can be made in any part of the web, as long as the distance between the hole edges is a minimum of 40 mm. For other hole diameters please refer to the table below.



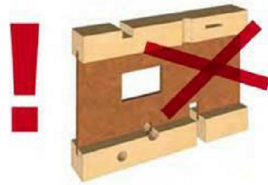
DH409GG & GH-4

Joist depth	200 mm	220 mm	240 mm	300 mm	360 mm	400 mm
Minimum distance to bearing or point load F	200 mm	220 mm	240 mm	300 mm	360 mm	400 mm
Minimum distance between two holes	200 mm	220 mm	240 mm	300 mm	360 mm	400 mm
Maximum diameter D	100 mm	120 mm	140 mm	200 mm	200 mm	200 mm

Note: For holes with a diameter greater than 20mm please refer to the STEICO European Technical Approval ETA-06/0238 for information on calculating the reduction in the characteristic shear value of the joist. Please contact STEICO technical support for further information on 01322 303 434.

INCORRECT HANDLING AND HOLES

- Notches and holes in the flanges are not allowed
- Holes have to be drilled
- Rectangular holes are not allowed



Notes:

THIS SYSTEM HAS BEEN DESIGNED TO COMPLY WITH THE 2010 BUILDING REGULATIONS PART F - MEANS OF VENTILATION.

AS SUCH THE SYSTEM MUST BE INSTALLED AND COMMISSIONED AS PER THE DESIGN SPECIFICATION TO ENSURE COMPLIANCE WITH THE ABOVE MENTIONED. ADDITIONALLY THE COMMISSIONED SYSTEM MUST COMPLY WITH THE 17th EDITION IEE BS7671 PART 6 (ADDITIONAL WORKS).

THE DESIGN IS SUBJECT TO COPYRIGHT AND MUST NOT BE ALTERED, AMENDED OR INCORPORATED IN ANYWAY WHATSOEVER. NOR SHALL IT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS PERMISSION OF ENVIROVENT LTD.

	FRESH AIR SUPPLY SUPPLY
	EXTRACT TO ATMOSPHERE EXTRACT
	SUPPLY FLAT DUCTING
	EXTRACT FLAT DUCTING
	SUPPLY
	EXTRACT
	ROOF TILE VENT



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Project

Bromham Road

Client

Davidson Homes

Drawing

DH409GG & GH-4

Designer

Cameron Sharpe

Project No. ENV10106	Drawing No. 1 of 1	Revision OR
Date 30/06/23	Scale 1 : 75	Paper Size A3

Customer Details	James Garland EnviroVent Harrogate West Business Park Unit 1 Bardner Bank Killinghall Harrogate HG3 2SP
Davidson Homes	



DH409GG&GH-4 (First Floor)			ENV- 10106			
Product Type	Product Code	Description	Price	Quantity	Discount %	Total Price
SilentMV In-Line Fans	SILMV350/125T	Ultra Quiet Inline Fan	£103.19	2	0.00	£206.38
Conical Filters	1ACFILTERCONE150	Cone Filter 150	£5.10	1	0.00	£5.10
Flexible Ducting	1RDINSFLEX150	150mm ø Insulated Flex Hose x 10m	£31.66	1	0.00	£31.66
125mm Non Insulated Circular Duct	1RD125X2M	125mm ø Ducting (2 metre)	£6.55	1	0.00	£6.55
Fittings	1ADCON150-125	R150/125 150mm to 125mm reducer	£4.22	4	0.00	£16.88
150mm Non Insulated Circular Duct	1RD150X2M	150mm ø Ducting (2 metre)	£9.49	1	0.00	£9.49
150mm Non Insulated Circular Duct	1RDCON150MM	150mm ø Pipe Connector	£2.00	4	0.00	£8.00
150mm Non Insulated Circular Duct	1RD90BEND150	90° Bend	£3.26	2	0.00	£6.52
Internal Ceiling Diffusers	1DIFEXTRACT150WH	150mmø White Powder Coated Metal Extract Diffuser	£5.24	2	0.00	£10.48
Terminations	1RVVENTSIN1	5 in 1 Ventilating Roof Tile Vent GREY	£43.57	2	0.00	£87.14
Ancillary Equipment	1ACGALVBAND	Galvanised Banding - (10m)	£6.35	1	0.00	£6.35
Ancillary Equipment	1ACCABTIEPK-EV	Cable Ties (450mm x 8mm - pack of 100)	£1.94	1	0.00	£1.94
Ancillary Equipment	SCW4.2X13-WAFER-HD-TEX-EV	pack of 1000 (use instead of duct tape)	£11.75	1	0.00	£11.75
Ancillary Equipment	TAPE-SEALALUMINIUM	Aluminium Tape (use instead of duct tape)	£5.05	1	0.00	£5.05
Ancillary Equipment	DUCTSEALANT-ACRYLIC	Mastic	£4.84	1	0.00	£4.84
Insulated Sleeve	1RDSLINS180X10M	Duct Insulation Sleeve 180mm x 10M (**CONTRACT PRICE SHOWN**)	£44.74	1	0.00	£44.74

ENV Project Ref No ENV-10106
Envirovent Designer Cameron Sharpe
Date 30/06/2023
Project Name Bromham Road, Bedford
Customer Davidson Homes
Price List Davidsons Homes (SO)
Sales Manager James Garland
Secondary ASM
EW Discount %
Total Nett Price £462.86