



Ventilation Equipment Inspection Record

Property details:

System classification:	System 4 (MVHR)
Manufacturer(s)	Brink
Model(s)	Renovent Sky 200
Serial number (if available)	A424000192508
Location of units:	1 Hall Cupboard
	2
	3
Installation engineer's details:	Unknown

Notes:

Inspector's details:	Diane Hubbard Green Footsteps Ltd Swinkle House, Longsleddale Kendal LA8 9BD 01539823119 NICEIC 18/DV-2/291/0327
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Registration number:

Date of inspection:	21 April 2021
Commissioning equipment:	Testo 417
Serial number:	61044186
Calibration reference & calibration date:	STD 115 348 (01.07.2019)

Air flow measurements – System 4:

Source for design flow ~~Part F~~ / MVHR system designer

rates: Luftair (LUFT-MVHR-DESIGN-CALCULATOR-ventilation-design-LancasterRetrofit-v.1 (005))

Extract air flow measurements

Location of terminal	Measured air flow High rate		Design air flow High rate		Measured air flow Low rate		Design air flow Low rate	
	l/s	m ³ /h	l/s	m ³ /h	l/s	m ³ /h	l/s	m ³ /h
Kitchen	15.5	55.8	16.7	60	11.6			
Bathroom	11.0	39.6	11.1	40	8.3			
Toilet	5.4	19.4	5.6	20	4.0			
Total	31.9	114.8	33.4	120	23.9			

Supply air flow measurements

Location of terminal	Measured air flow High rate		Design air flow High rate		Measured air flow Low rate		Design air flow Low rate	
	l/s	m ³ /h	l/s	m ³ /h	l/s	m ³ /h	l/s	m ³ /h
Lounge	10.1				6.7	24.1	6.4	23
Rear Bedroom	10.2				6.7	24.1	6.4	23
Front Bedroom Large	10.5				7.0	25.2	6.4	23
Front Bedroom Small	7.1				5.8	20.9	6.4	23
Total	37.9				26.2	94.3	25.6	92

Notes

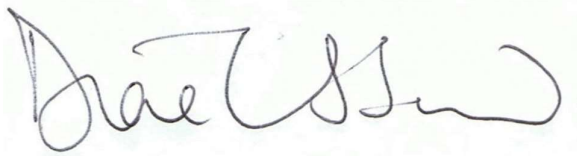
At the time of inspection, the intake & exhaust filters need changing and may be affecting the recorded air flow rates.

Bearing this in mind, the air flows were balanced as far as practical.

With respect to the bedrooms, the supply air was apportioned in accordance with the level of use of the bedroom – the smaller front bedroom is a spare room.

Compared to the previous inspection (24.11.20), it has been possible to achieve much better supply flow rate to the rear bedroom.

Signed:



Name:

Diane Hubbard

Date:

7 May 2021

Energy Assessment - Airtightness - Thermography

Green Footsteps Limited, Swinkle House, Longsleddale, Kendal. LA8 9BD

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Registered in England and Wales Number: 08396044