



Siraj Patel
18, Hebble Court, Thornhill Lees, Dewsbury, WF12
0AY

23 August 2022

Dear Sir/Madam,

Reference: 4356221

Thank you for your recent enquiry, we are pleased to submit our quotation for the supply of materials for Heat Recovery Ventilation as follows.

RegaVent whole house ventilation system with heat recovery, comprising of 1x 250R Loft Unit complete with all accessories and ducting as specified within quotation.

Price for Materials: **£2,507.80 plus V.A.T.**

Price for Installation (Including Commissioning): **£1,430.00 plus V.A.T.**

Price for Commissioning Only: **£520.00 plus V.A.T.**

We can also offer air tightness testing on your property to comply with Building regulations part L

Price for Air Tightness Test: **£320.00 plus V.A.T.**

Payment Terms:

Payment Terms: For supply only, all materials must be paid before delivery, commission is charged prior to our visit and completion documentation can be sent out immediately.

For Installation, all first fix materials and 70% of the installation cost must be paid one week before the first fix. The second fix materials and remaining 30% of the installation cost is to be paid after we have completed the second fix and commissioning of the system. Once payment is made, we can then send out all completion documentation.

Net proforma account. Payments may be made by Visa, Mastercard, Credit Card, BACS



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Rega Ventilation Limited
21/22 Eldon Way, Biggleswade, Bedfordshire UK SG18 8NH
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Rega Ventilation Limited Registered in England no. 1819312



Important Site Requirements Note:

Cabling:	Power Supply – 240v – 2x 13 amp feed electrical sockets to location of central air unit. Controls – 10v four core cable to be run to the proposed location of the Summer/Winter and Boost Switch. Minimum 35mm deep single gang back box required for fitting of control switch.
Drainage:	A Suitable 22mm drain point with a waterless trap or u-bend will be required adjacent to the air unit to take the condensate from the heat exchanger.
Roof Terminals	When Applicable roof terminals are included in the quotation but will be fitted by the roofing contractor. They are quoted on a supply only basis and should be installed by the roofing contractor at least 1.5m apart during the roof construction process.
Fire Dampers	As fire dampers are not normally required for domestic MVHR systems but they may be required if ducts pass through a fire resistant wall or protected stair well. You may wish to consult with your local Building Control to ensure compliance to Part B of the Building Regulations.
Air Circulation	In accordance with Building Regulation F all internal doors should have an undercut of 10mm above the floor finish or 20mm above the floor surface if the finish is not fitted

Yours Faithfully
REGA VENTILATION LTD

Calvin France
SENIOR DESIGNER



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Building Regulation Calculation to Part F 2019

Job Number: 4356221

Date: 23/08/22

Customer: Siraj Patel

Designer:

Project: Hebble Court, Thornhill Lees, Dewsbury, WF12 0AY

Supply air rates							
Bedroom Qty	1	2	3	4	5	6	7
Air volume	19 l/s	25 l/s	31 l/s	37 l/s	43 l/s	49 l/s	55 l/s

Extract "wet" room rates				
Air Volume per room	Kitchen	Utility	Bath	WC
	13 l/s	8 l/s	8 l/s	6 l/s

Supply Air Requirement (based on number of bedrooms or house volume)			
Minimum Supply Rate (Floor area x 0.3)			
Floor area	123m ²	37 l/s	Or Bedrooms 4 37 l/s

Whole Building Supply Requirement (Low Rate)	
37 l/s	

Whole Building Extract Requirement (based on number of "wet" rooms)		
Rooms	Quantity	l/s
Kitchen	1	13
Utility	0	0
Bathroom	3	24
WC	1	6
Total		43 l/s

Whole Building Extract Requirement (High Rate)	
* 43 l/s	

Selected Unit based on Low Rate or High Rate, whichever is greater.		
Unit	l/s	Quantity
* 250R	80	1
600R	130	

In accordance with building regulations the selected unit meets the airflow requirement of the supply (low rate) and extract (high rate), whichever is greater.

Materials

Job Number: 4356221

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0AY

Date: 23/08/22

Designer:

Part No.	Description	Quantity	Price	Total
VU250L	250R Loft Mounted MVHR Unit	1	£995.00	£995.00
VSBL	Summer Bypass for Loft Unit	1	£260.00	£260.00
VAS10	Metal Air Valve 100mm	5	£14.60	£73.00
VAS12	Metal Air Valve 125mm	1	£16.10	£16.10
VAE10	Metal Extract Air Valve 100mm with washable filter	4	£19.70	£78.80
VAE12	Metal Extract Air Valve 125mm with washable filter	1	£21.20	£21.20
VGAC12	Fixed Louvre Outlet 125 - Unpainted	2	£26.60	£53.20
VWS12	Wall Sleeve 125 diameter x 400mm long	2	£11.00	£22.00
VDP10	Aluminium Semi-Rigid Duct 100mm (4 metre length)	1	£15.60	£15.60
VDP12	Aluminium Semi-Rigid Duct 125mm (4 metre length)	3	£18.80	£56.40
VDFI12	Aluminium Duct Acoustically Insulated 125mm(4 metre)	4	£51.90	£207.60
VDI10	Aluminium Semi-Rigid Insulated Duct 100mm (4 metre lgth)	4	£28.50	£114.00
VDI12	Aluminium Semi-Rigid Insulated Duct 125mm (4 metre lgth)	4	£36.50	£146.00
VT1210	Tee 125 x 100mm	2	£25.30	£50.60
VT1212	Tee 125 x 125mm	1	£26.80	£26.80
VTI1210	Insulated Tee 125 x 100mm	5	£30.70	£153.50
VTI1212	Insulated Tee 125 x 125mm	1	£32.10	£32.10
VC10	Male Coupling 100mm	1	£4.00	£4.00
VC12	Male Coupling 125mm	7	£4.00	£28.00
VR1210	Reducer 125 x 100mm	2	£15.60	£31.20
VTO5	PVC Sealing Tape 33 metres x 50mm	4	£9.80	£39.20
VCL10	Wire Fixing Clips 100mm	11	£1.10	£12.10
VCL12	Wire Fixing Clips 125mm	42	£1.70	£71.40

Total £2,507.80

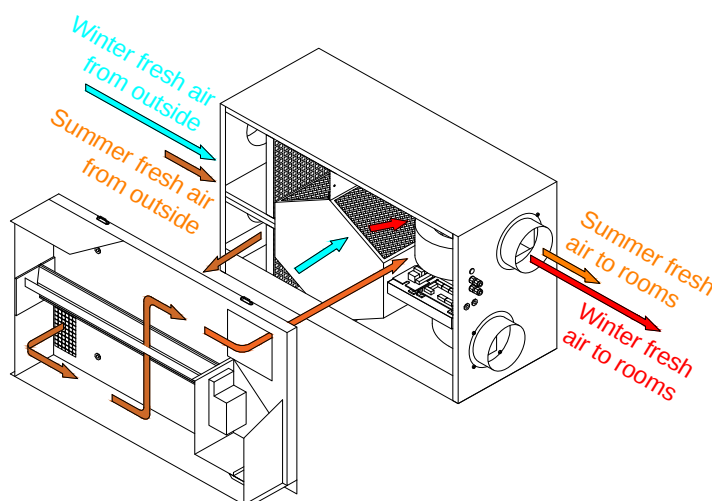
Please check design and quantities against actual site requirements

Optional Add-ons

Summer Bypass

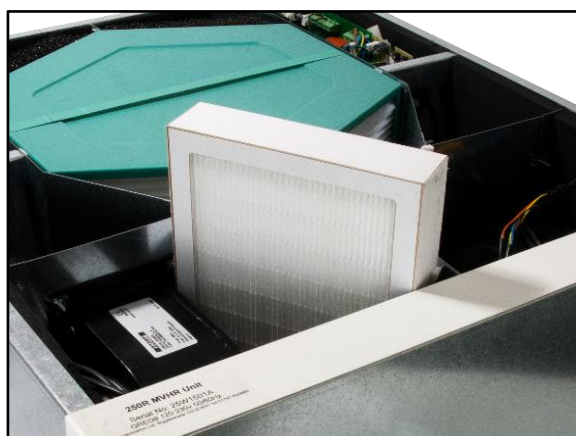
- Sensors measure internal and external temperatures to automatically control bypass operation.
- Perfect for allergy sufferers for use in conjunction with a pollen filter.
- Prevents unwanted heat gain.
- Allows windows to be closed during summer months for added security, whilst maintaining a fresh home environment.
- Adds 150mm onto the front of the unit.

Price
£260.00



✓ Included

Pollen Filter



- Uses an F7 filter to remove up to 99.9% of allergens.
- Ideal for allergy and asthma sufferers.
- Filters last up to six months before requiring replacement.

Price
£38.50
£49.50

250R Pollen Filter
600R Pollen Filter

✗ Not Included



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Internal Air Valve Options



Metal Ceiling Supply Valve

100mm	-	£14.60
125mm	-	£16.10

Metal Ceiling Extract Valve

100mm	-	£19.70
125mm	-	£21.20

✓ Selected



Flat Metal Ceiling Supply Valve

100mm	-	£52.00
125mm	-	£60.00

Flat Metal Ceiling Extract Valve

100mm	-	£59.00
125mm	-	£68.00



Stainless Steel Ceiling Supply Valve

100mm	-	£22.00
125mm	-	£25.00

Stainless Steel Ceiling Extract Valve

100mm	-	£27.10
125mm	-	£29.60

External Connections



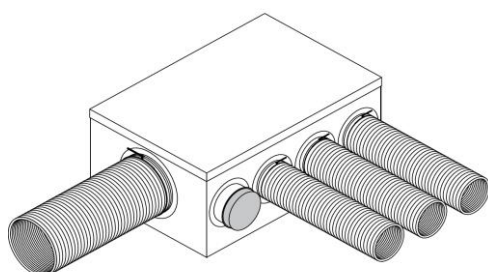
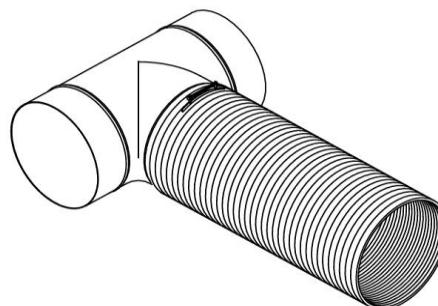
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Duct Options

Branched Duct system

Duct runs to each room branch from one central duct.
Proven in commercial and domestic application.
Semi-rigid aluminium and rigid spiral available.
Low air flow resistance.
Reduced material costs.

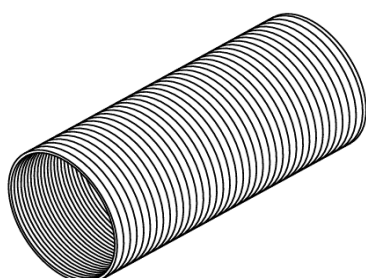


Radial Duct System

Individual duct runs to each room from manifolds.
Smaller ducts allow for installation in limited space.
Manifolds allow for simplified air flow control.

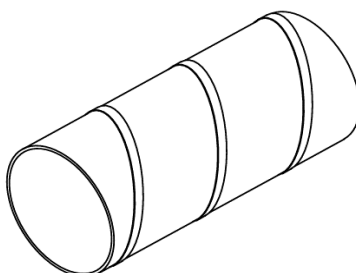
Semi-Rigid Duct

Lightweight and self supporting.
Easily formed into bends.
Low air flow resistance.



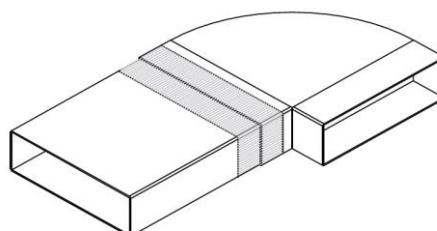
Rigid Spiral Duct

Ideal for exposed ductwork.
Won't crush or dent.



Rectangular PVC Duct

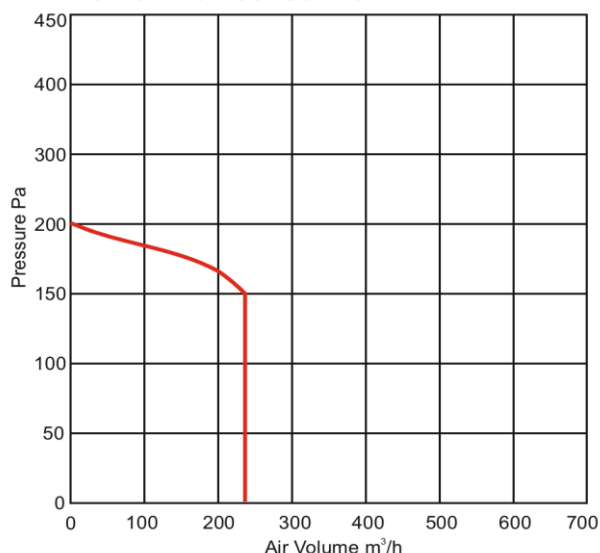
Ideal for low-depth ceiling voids.
Used as vertical risers in walls.



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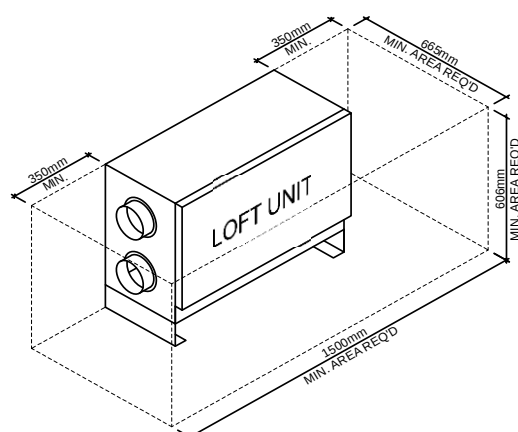
250R Central MVHR Unit

Performance Curve



Features

- Capable of delivering up to 80 l/s of air volume. (Suitable for houses of up to 210m²).
- 125mm Duct connections.
- Low power consumption EC motors.
- Acoustically lined, complete with anti-vibration mounting bracket to enable virtually silent operation.
- Each unit is supplied with a manual control control to provide Normal/Boost and Summer/Winter operation.
- Supplied with built in humidity controller to automatically boost air flow, removing excess moisture from the atmosphere.
- Durable galvanised steel construction.
- Manufactured in the UK.

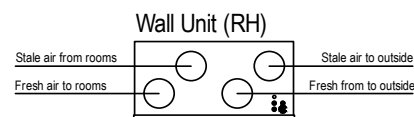
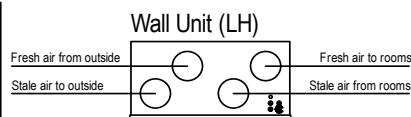
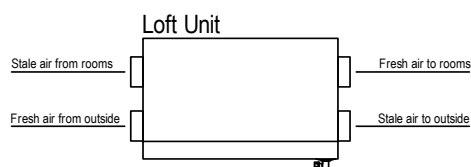
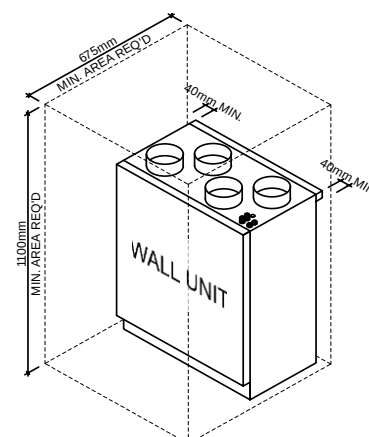


Technical Spec

Air Volume Max.	240m³/h
Air Volume Min.	50m³/h
Voltage	230/240v AC
Max Power Usage	82 watts
Max Current Draw	0.06 amp
Weight	30KG
Sound From 1m	35-40dB

Dimensions

- Loft: 511(h)x800(w)x365(d)mm
- Wall: 715(h)x600(w)x365(d)mm



Unit Efficiency

250R	Kitchen +1 additional wet room	Kitchen +2 additional wet rooms	Kitchen +3 additional wet rooms	Kitchen +4 additional wet rooms	Kitchen +5 additional wet rooms	Kitchen +6 additional wet rooms	Kitchen +7 additional wet rooms
Specific Fan Power (w/l/s)	0.6	0.62	0.68	0.82	0.96	1.13	1.34
Efficiency	88	88	87	86	85	85	84

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Air Tightness Testing



Operating nationwide Rega Ventilation offer air tightness tests for domestic properties and are ATTMA accredited. We specialise in the self-build market having worked closely with self-builders for over 30 years and are able to provide advice and support throughout the process.

Why do I need an air tightness test?

All new build domestic properties require an air tightness test to conform with Building Regulations Part L1A. The test is carried out to ensure that the build has been completed with minimal air leakage and that it meets calculated design air permeability (DAP) which is part of the SAP calculations. This will in turn help to reduce energy usage of the property as well as reducing overall heating costs.

How do I prepare for the test?

Before the air tightness test is carried out the build must be virtually complete and there are a few key assurances to be made prior to the test:

- **Loft hatches fitted.**
- **Any perforations through the walls and floors should be sealed.**
- **All traps in bathrooms/wet areas should be filled with water.**
- **Skirting boards should be fitted in all areas and sealed to the floor.**
- **All electrical installation must be completed with sockets and switch**



Contact us for your test



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Call us on **01767 600499** or visit
www.regavent.co.uk