



Daniel Bryars

Via email

26 February 2018

Dear Sirs,

Reference: 1213181

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 Type 300R DC central air unit complete with all accessories and ducting as enclosed detail specification sheet.

Price: £3106.10 Plus V.A.T.

Price for Installation: £2840.00 Plus V.A.T.
Including Commissioning

Price for Commissioning Only £400.00 Plus V.A.T.

Delivery: Materials Only 2 weeks. Carriage paid UK mainland.
Installation 3 weeks Lead time.

Terms: Net pro-forma account. Payment may be made by Visa or MasterCard.

Important Site Requirements Note:

Cabling: Power Supply - 240v - 13 amp feed electrical socket to location of central air unit.
Controls - 10v 4 core cable to be run to the proposed location of the Summer/Winter and Boost Switch

Drainage A Suitable 22mm drain point with U bend giving 60mm depth of water 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 they are not included in our quotation. 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 LIMITED

C.J. HAMILTON
SALES DIRECTOR



RegaVent Heat Recovery Ventilation

Job No.	1213181	Rev.		
Customer	Daniel Bryars			
Address	Apple Brook House, Horseshoe Lane, Chadlington, OX7 3NB			
Date	26/02/2018			
PART NO	DESCRIPTION			
vhru250RW	Air Unit 250W DC Wall Mounted with control unit, sound absorbing mounting cradle and condensate drain kit.		£905.00	
vhru250RL	Air Unit 250L DC Loft Mounted with control unit, sound absorbing mounting cradle and condensate drain kit.		£905.00	
vhru300RW	Air Unit 300RW DC Wall Mounted with control unit, sound absorbing mounting cradle and condensate drain kit.	1	£995.00	£995.00
vhru300RL	Air Unit 300RL DC Loft Mounted with control unit, sound absorbing mounting cradle and condensate drain kit.		£995.00	
vhru600RW	Air Unit 600RW DC Wall Mounted with control unit, sound absorbing mounting cradle and condensate drain kit.		£1,135.00	
vhru600RL	Air Unit 600RL DC Loft Mounted with control unit, sound absorbing mounting cradle and condensate drain kit.		£1,135.00	
VAS10	Metal Air Valve 100mm	3	£13.30	£39.90
VAS12	Metal Air Valve 125mm	5	£14.60	£73.00
VAE10	Metal Extract Air Valve 100mm with washable filter	1	£17.90	£17.90
VAE12	Metal Extract Air Valve 125mm with washable filter	5	£19.30	£96.50
VFL15	Fixed Louvre Outlet 150	2	£13.10	£26.20
VWS15	Wall Sleeve 150 diameter x 400mm long	2	£11.20	£22.40
VDP10	Aluminium Semi-Rigid Duct 100mm (4 metre length)	2	£11.80	£23.60
VDP12	Aluminium Semi-Rigid Duct 125mm (4 metre length)	5	£14.30	£71.50
VDFI12	Aluminium Duct Acoustically Insulated 125mm(4 metre)	1	£47.20	£47.20
VDFI15	Aluminium Duct Acoustically Insulated 150mm(4 metre)	3	£53.00	£159.00
VT1210	Tee 125 x 100mm	3	£21.30	£63.90
VT1212	Tee 125 x 125mm	1	£22.50	£22.50
VT1512	Tee 150 x 125mm	2	£25.90	£51.80
VC10	Male Coupling 100mm	1	£3.60	£3.60
VC12	Male Coupling 125mm	3	£3.60	£10.80
VC15	Male Coupling 150mm	3	£4.80	£14.40
VR1512	Reducer 150 x 125mm	2	£13.10	£26.20
VP1110	Rectangular Duct 110 x 54 x 1M	8	£4.80	£38.40
VP11C	110 x 54 connector	6	£2.40	£14.40
VP11EC	110 x 54 duct elbow to 100mm circular connector	1	£4.80	£4.80
VP11HB	110 x 54 horizontal bend	1	£4.80	£4.80
VP2010	Rectangular Duct 200 x 60 x 1M	81	£7.10	£575.10
VP20C	200 x 60 Connector	51	£3.60	£183.60
VP20EC	200 x 60 Elbow to 125mm circular connector	13	£4.80	£62.40
VP20HB	200 x 60 Horizontal Bend	13	£7.10	£92.30
VP20VB	200 x 60 Vertical Bend	15	£5.90	£88.50
VP20T	200 x 60 Tee	6	£14.80	£88.80
VP202	200 x 60 Reducer to 110 x 54	1	£4.80	£4.80
VT05	PVC Sealing Tape 33 metres x 50mm	9	£8.30	£74.70
VTF75	Aluminium adhesive tape 75mm	3	£15.10	£45.30
VCL10	Wire Fixing Clips 100mm	6	£1.00	£6.00
VCL12	Wire Fixing Clips 125mm	32	£1.10	£35.20
VCL15	Wire Fixing Clips 150mm	18	£1.20	£21.60

Optional Extras

vhrrsb12	Motorised control unit to give automatic heat exchanger bypass for summer operation.		£240.00	
vhrrpf16	Pollen Filter Unit 160mm		£65.00	
vhrrabc	Automatic Boost Control Centre		£32.00	
vhrrcpir	PIR motion Sensor for Automatic Boost		£30.00	

Total £3,106.10

Plus VAT

Please check design and quantities against actual site requirements before ordering



RegaVent Ventilation Calculations
Building Regulation Calculation to Part F 2010

Job Number: 1213181

26/02/2018

Customer: Daniel Bryars

Project: Apple Brook House, Horseshoe Lane, Chadlington, OX7 3NB

Supply air rates

Bedroom Qty	1	2	3	4	5	6	7
Air volume l/s	13	17	21	25	29	33	37

Extract "wet" room rates

	Kitchen	Utility	Bath	WC
Air Volume per	13	8	8	6

Supply Air Requirement (based on number of bedrooms or house volume)

Minimum Supply Rate (Floor area x 0.3)

Floor area M	x 0.3
232	69.6 l/s

Or

Bedrooms	4	25 l/s
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Whole Building Supply Requirement (Low Rate)

* **70 l/s**

Whole Building Extract Requirement (based on number of "wet" rooms)

Rooms		Air Vol l/s
Kitchen	1	13
Utility	1	8
Bath	2	16
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
250R	80
* 300R	100 x1
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.

Rega Ventilation Limited

21-22 Eldon Way, Biggleswade, Bedfordshire SG18 8NH

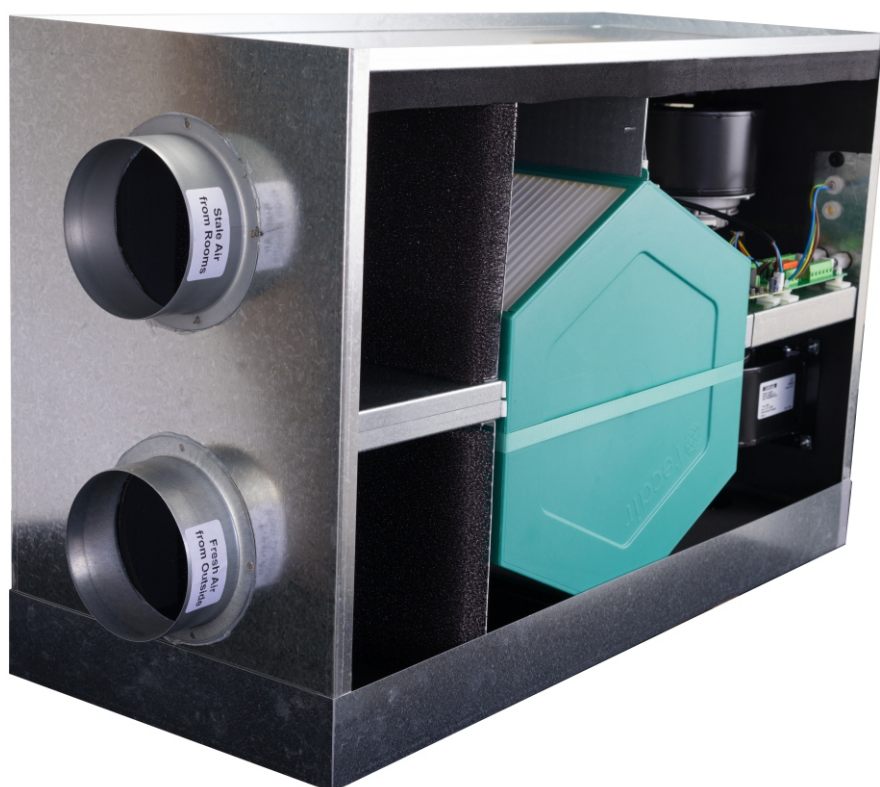
Sales@rega-uk.com

Telephone: 01767 600499

www.regavent.co.uk



RegaVent MVHR Systems



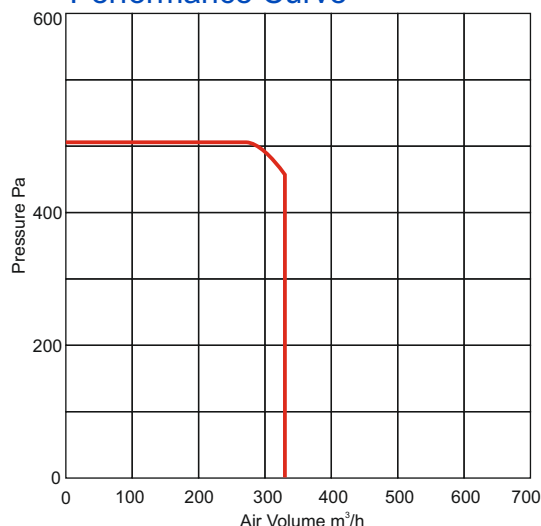
21/22 Eldon Way, Biggleswade, Bedfordshire UK SG18 8NH
tel: 01767 600499 fax: 01767 600487
email: info@rega-uk.com web: regavent.co.uk

...Fresh thinking in the air



Regavent 300R Central Unit

Performance Curve

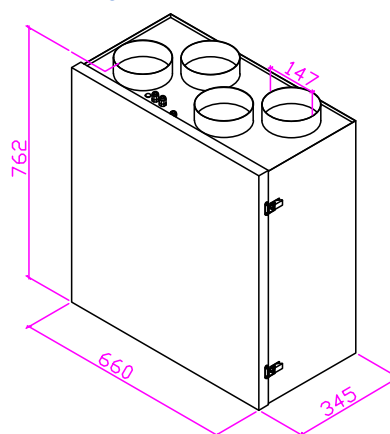


Features

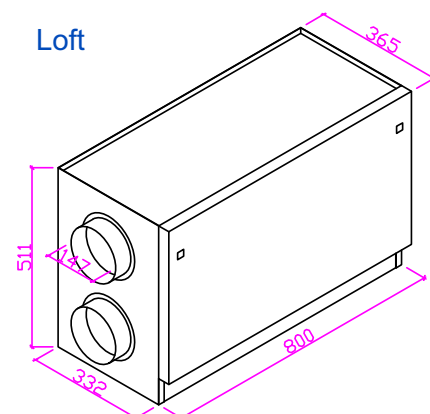
- Capable of delivering up to 100 l/s of air volume. (Suitable for houses of up to 270m²)
- 150mm Duct connections.
- Low power consumption EC motors.
- Acoustically lined and complete with anti-vibration mounting bracket to provide virtually silent operation.
- Supplied with built in humidistat controller. Automatically boosts air flow to remove excess moisture from the atmosphere.
- Durable galvanised steel construction
- Manufactured in the UK.
- Can be fitted with a summer bypass unit to provide automatic summer operation.
- Pollen filters available.

Dimensions

Wall



Loft



Technical Specification

Air volume max. 340m³/h
 Air volume min. 80m³/h
 Voltage 230/240v AC
 Max power usage 132 watts
 Max current draw 1.0 amp

Unit Efficiency

300R	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)	0.73	0.69	0.73	0.82	0.9	1.06	1.23
Efficiency	90	89	89	88	87	87	86

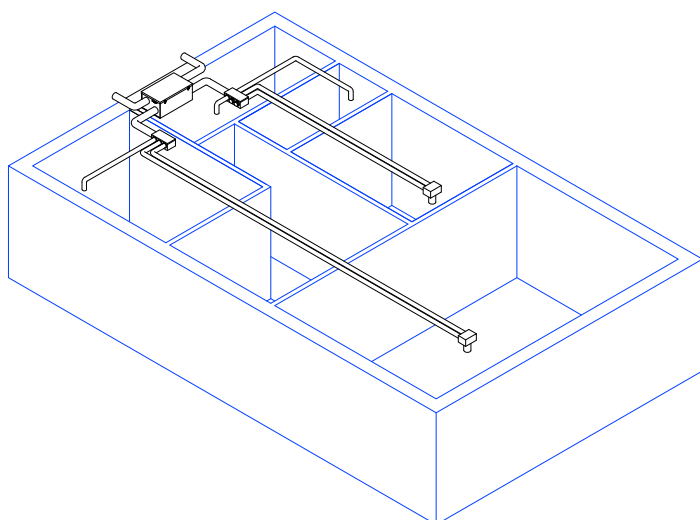




Options and Extras

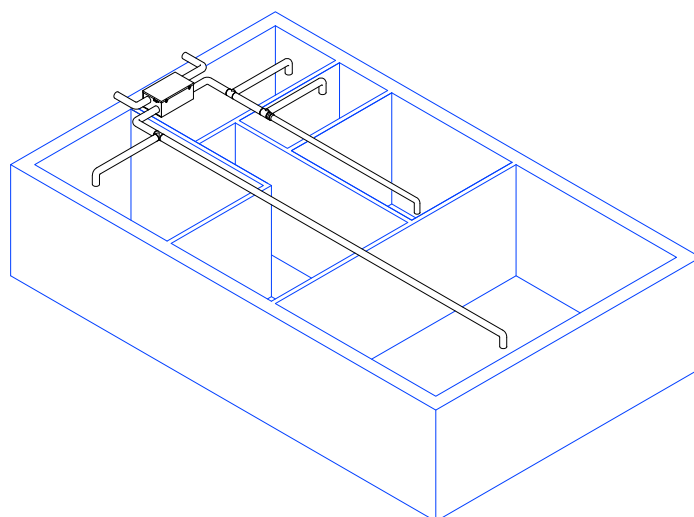
Radial Duct System

- Smaller ducts allow for installation in limited space.
- Manifolds allow for simplified air flow control.
- Full range of manifold accessories.



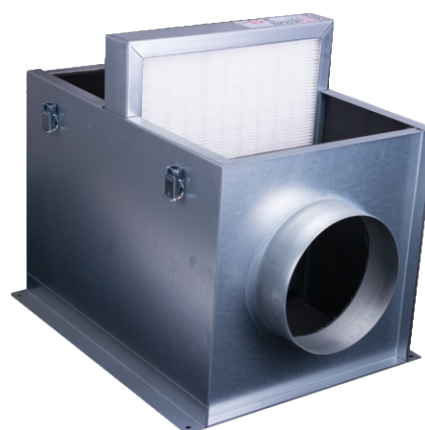
Branched Duct System

- Low air flow resistance.
- Reduced material costs.
- Proven in commercial and domestic application.
- Semi-rigid aluminium and rigid spiral duct available.



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 needed replacement.

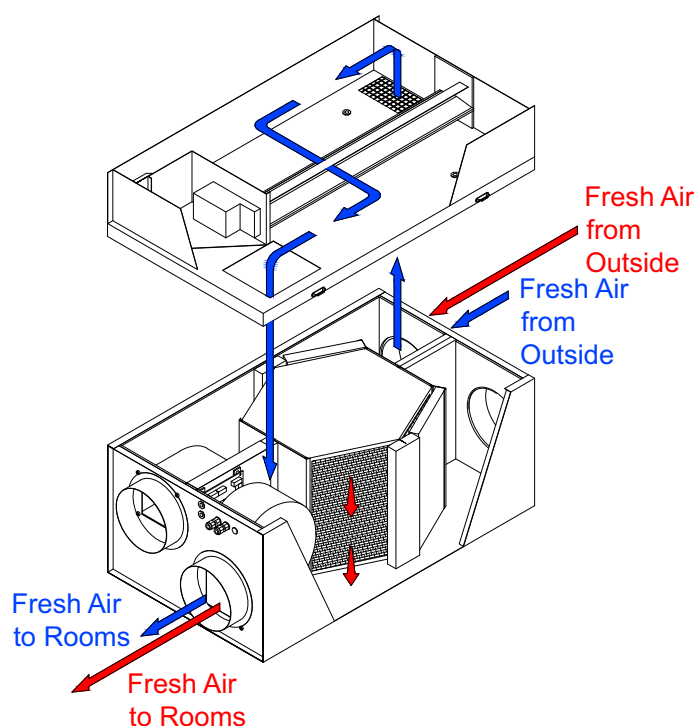




Options and Extras

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.



Heating

- In duct heating to provide supplementary heat through the system.
- Electric heaters up to 1.8kW.
- Water heater batteries up to 3.1kW

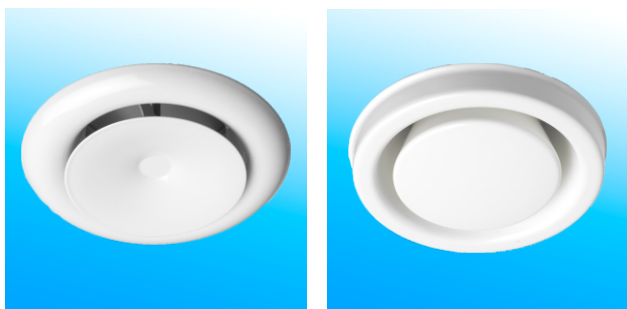


PIR Movement Sensors

- Automatically boosts the system via occupancy detection.
- Can be used in areas of low humidity where additional boost may be required (i.e W/C's).
- Provides adjustable timer run on for 2-20 minutes.



Internal Air Valve Options



Metal Ceiling Supply Valve

100mm - £13.30
125mm - £14.60

Metal Ceiling Extract Valve

100mm - £17.80
125mm - £19.10



Flat Metal Ceiling Supply Valve

100mm - £19.30
125mm - £22.10

Flat Metal Ceiling Extract Valve

100mm - £24.00
125mm - £26.90



Stainless Steel Ceiling Supply Valve

100mm - £20.00
125mm - £22.70

Stainless Steel Ceiling Extract Valve

100mm - £24.60
125mm - £26.90

External Connections

