



Mechanical ventilation with heat recovery (MVHR) from Ebac

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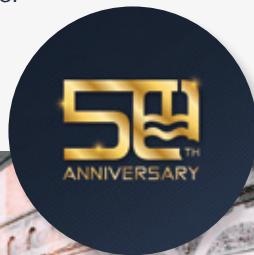


About Ebac

Manufacturing innovative solutions for British homes for over 50 years.

Since 1972, Ebac has been developing air treatment products for customers all over the world. From commercial and residential applications to complex projects in critical climates around the Globe.

Working with major businesses such as the Government, the London Underground and in 1991, developing a ventilation system to support the British Army Field Hospital during the Gulf War. By choosing an Ebac home ventilation system you are safe in the knowledge that our experience and expertise will create a better environment in your home for years to come.



£26 Turnover



225 Employees



4.5/5 star Trustpilot



50 years continuous manufacturing



24/7 Production facilities



400,000 sq ft
Unit production capacity



Vertically integrated
Plastic moulding to finished goods



92 Global Patents



Products we manufacture



Washing machines



Dehumidifiers



Water coolers

**Air source
heat pumps**



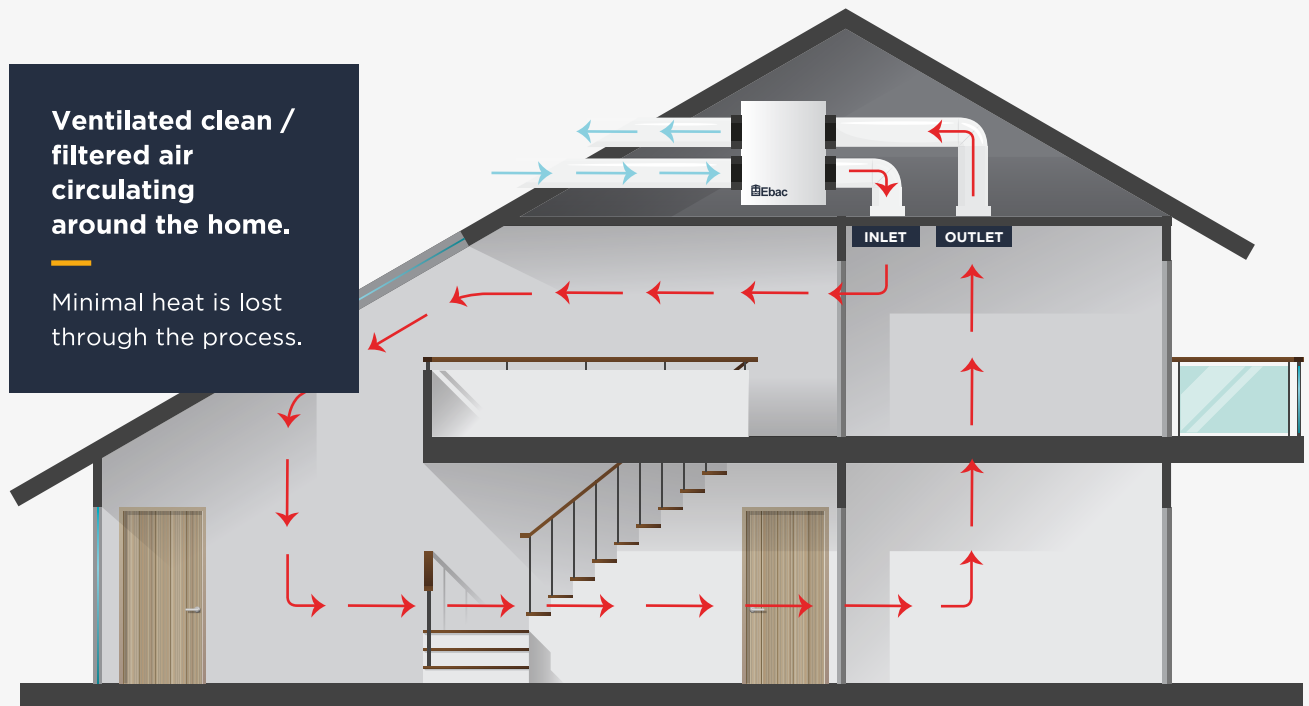
**Mechanical ventilation
with heat recovery**

 **Ebac**

MVHR overview

Ebac's home Mechanical Ventilation Heat Recovery (MVHR) system is a whole-house solution for improving a building's internal climate through the extraction and supply of air. Designed to continually

extract polluted, humid air from within a building through a heat exchanger in order to extract this heat and transfer it back into the fresh air being extracted and supplied from outside.



Key product features

- 100% filtered summer bypass & summer purge settings
- 32mm thermal & acoustic insulation | Silent hours timer
- Integrated CO₂, humidity & temperature sensors
- Left or right-hand spigot configurations
- 240m³ x 450m³
- 88% heat exchanger efficiency
- Artificial intelligence SMART control
- Intelligent Defrost system
- 3.5" touchscreen controller
- 0-10V EC fan motors
- G4 90% supply & extract filters
- Integrated automatic frost protection
- 22mm condensation drain
- Wall-mounted or free standing



Technical details

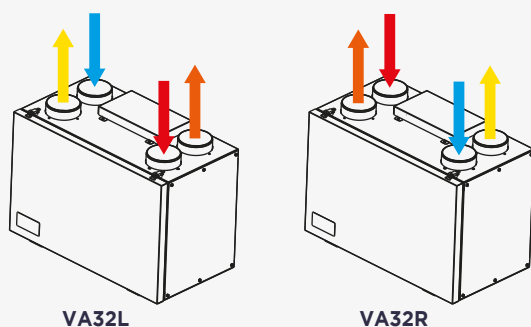
SEC class

Model	SEC Class
VA32	A+

SAP (2012) PCDB performance

Exhaust Terminal Configuration	Specific Fan Power (W/l/s)	Heat Recovery Efficiency (%)
Kitchen + 1 Wet Room/s	0.69	88
Kitchen + 2 Wet Room/s	0.81	87
Kitchen + 3 Wet Room/s	0.93	86
Kitchen + 4 Wet Room/s	1.05	85
Kitchen + 5 Wet Room/s	1.17	84
Kitchen + 6 Wet Room/s	1.29	83
Kitchen + 7 Wet Room/s	1.41	82

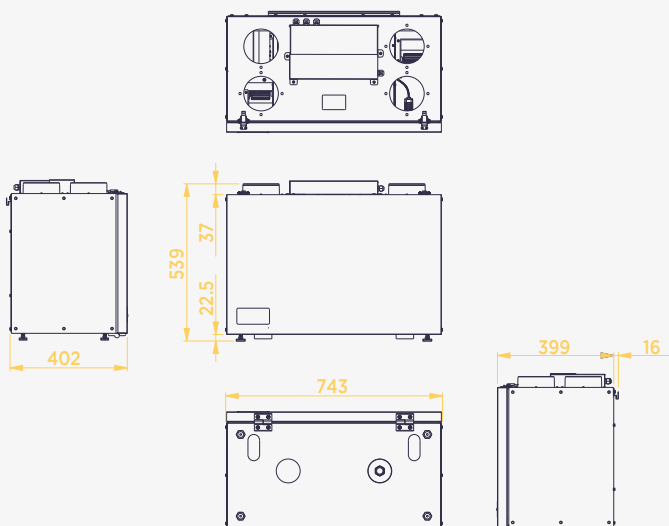
Air flow direction



- Supply
- Extract
- Outdoor
- Exhaust

Note: Handed variants are sold as separate units. For example, a right hand variant can not be converted to a left hand.

Dimensions



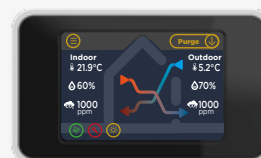
Sound data

**Preliminary results*

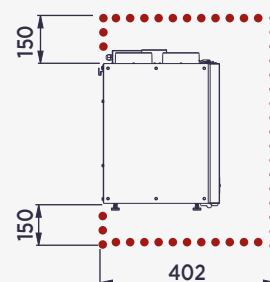
Ventilation Flow Rate (m³/h)	167
Static Pressure (Pa)	50
Supply Duct dB(A)	62,2
Extract Duct dB(A)	51,4
Exhaust Duct dB(A)	62,3
Outside Duct dB(A)	51,1
Case Radiated dB(A)	39,1

Ventilation Capacity at 100Pa	245
Rated power at 70% of max	60
Duct Connection (mm)	125
Weight (Kg)	35
Temperature Efficiency (%)	87
Summer Bypass	100%
Humidity Sensor	✓
CO2 Sensor	✓
Timer	Internal
Controller	Touchscreen
User Modes	Normal Purge SMART

Touchscreen controller



- All VA32 units are supplied with a wired 3.5" touchscreen controller
- Integral EC 0-10V controlled fan motors
- 2X 240V custom inputs for remote switch to adjust user mode
- Live sensor readouts for the internal & external Temperature, CO2 & RH
- Commissioning Menu
- Summer Purge setup & timer
- Silent Hours setup and timer
- Indoor Air Quality (IAQ) live status indicator
- Fault code display & diagnosis
- Purge timer
- Mode control



***Service Voice**



Working in partnership with Ebac

**Ebac have been
manufacturing innovative
air treatment solutions
with focus on quality,
performance and energy
efficiency for over 50 years.**



Technical support

All of our products are designed and manufactured from our facility in County Durham meaning if you have any questions or queries, you can speak directly to the team who designed the product!

Ongoing after-sales care

Whether your looking for technical support, a part replacement or just some advice - the UK customer care team is on hand to support from enquiry to after-care.

Trusted manufacturer

With 50 years of manufacturing and air treatment experience, Ebac are experts in the control of excess moisture within homes across the UK.

Leading customers

Ebac have advised major businesses such as the Government, London Underground & British Army in air treatment.

A global customer base





Why Ebac?

- 1 Leading British manufacturer
- 2 UK based technical and customer support teams
- 3 Industry leading product design
- 4 Direct from manufacturer cost savings
- 5 Responsive and collaborative working
- 6 Focused on quality and sustainability
- 7 Long-term customer relationships





If you have any further questions please call our friendly team on **0345 805 0000** or go to **Ebac.com**

