



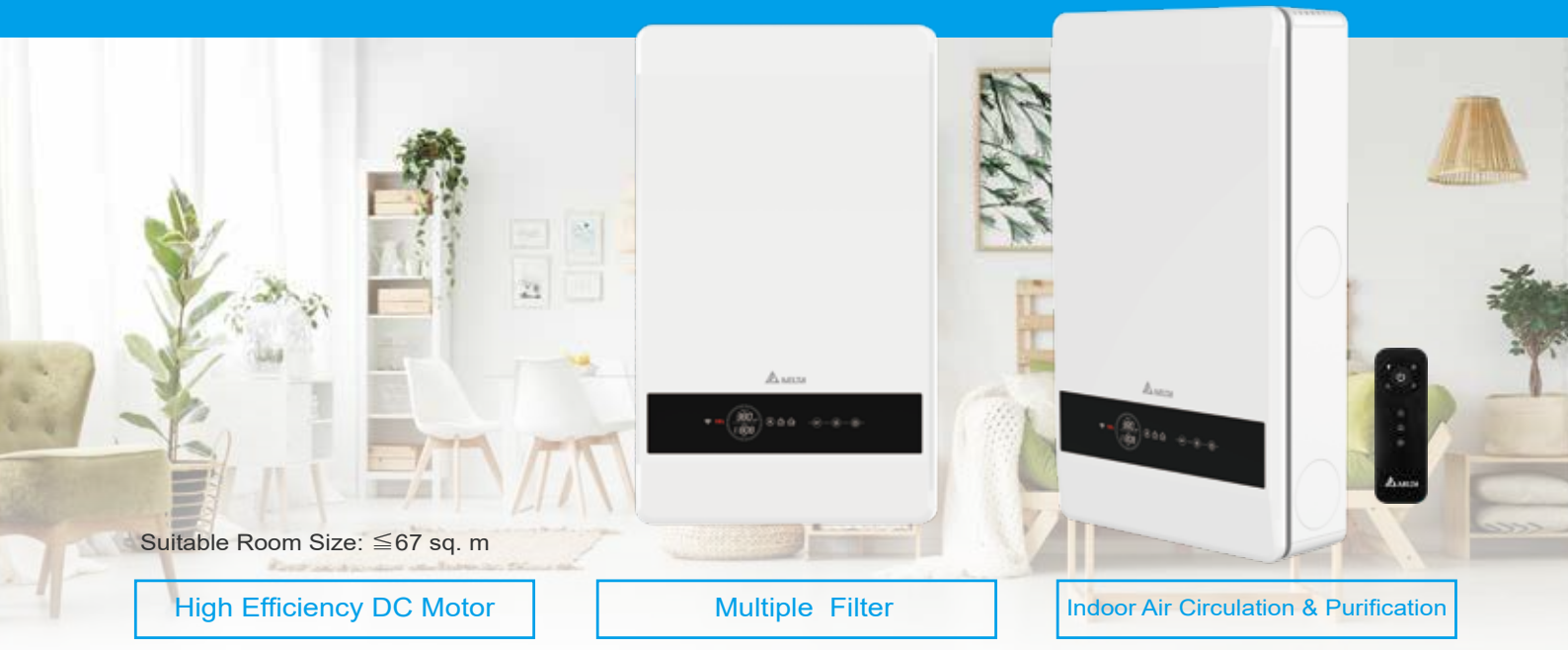
# Delta Wall Mount Energy Recovery Ventilator (ERV)

Perfectly Green, Perfectly Quiet

[www.deltaelectronicsindia.com](http://www.deltaelectronicsindia.com)



# Wall Mount Energy Recovery Ventilator (ERV) with PM2.5 Filtration

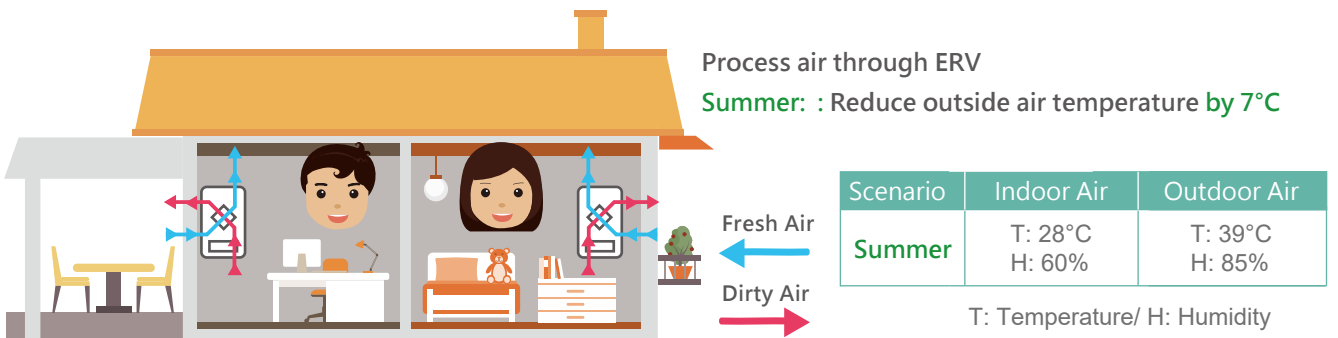


Suitable Room Size:  $\leq 67$  sq. m

- High Efficiency DC Motor
- Multiple Filter
- Indoor Air Circulation & Purification
- Silence Operation
- Multiple Safety Protection
- Three Years Warranty

## Ideal for Separate Spaces

Delta ERV enables air exchange and filtration for individual room, improving indoor oxygen levels - not only makes your living space healthier & comfortable, but saves electricity bills.



## Ideal for Year-round Uses

Operating year-round, Delta ERV accommodates indoor temperature & humidity in different seasons and optimizes the functions of air conditioning. High efficiency motors save energy & save bills in the long term.

**Outdoor**

ERV functions with air conditioning (AC):  
**Summer bill savings up to 38%**

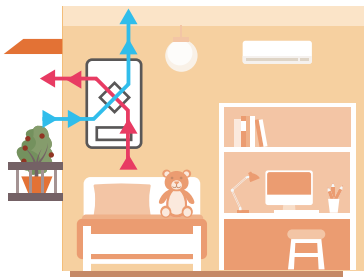
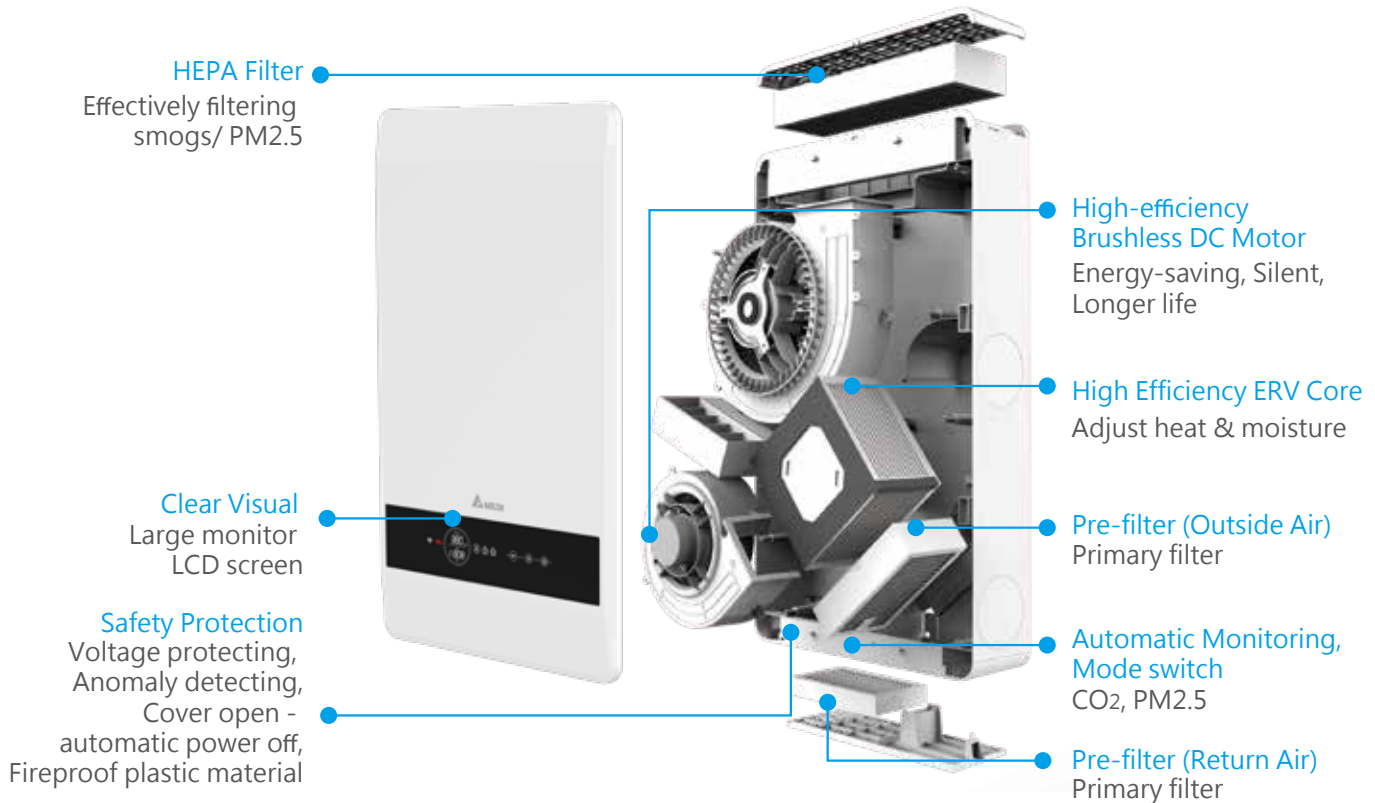
vs. Traditional ventilation equipment with AC motor  
 Annual AC power consumption **decreasing by 1 space between 469 KWh**

Annual carbon emission **decrease** more than **360 kg**.  
 ERV: 24-hour operation, 2160 hours per season  
 AC: 9 hours daily operation, 810 hours per season

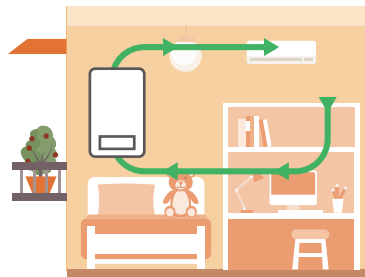
**360kg CO<sub>2</sub>**



# Double Filtration, Double Protection



**Fresh Air Mode - Energy Recovery**  
Intake and filter fresh air



**Indoor Air Purification Mode**  
Purify indoor air

## Double Functions: Fresh Air Mode & Indoor Air Purification

Switch modes in different environment requirement by choice or automatic switch mode (smart monitoring).

## High Efficiency DC Brushless Motor



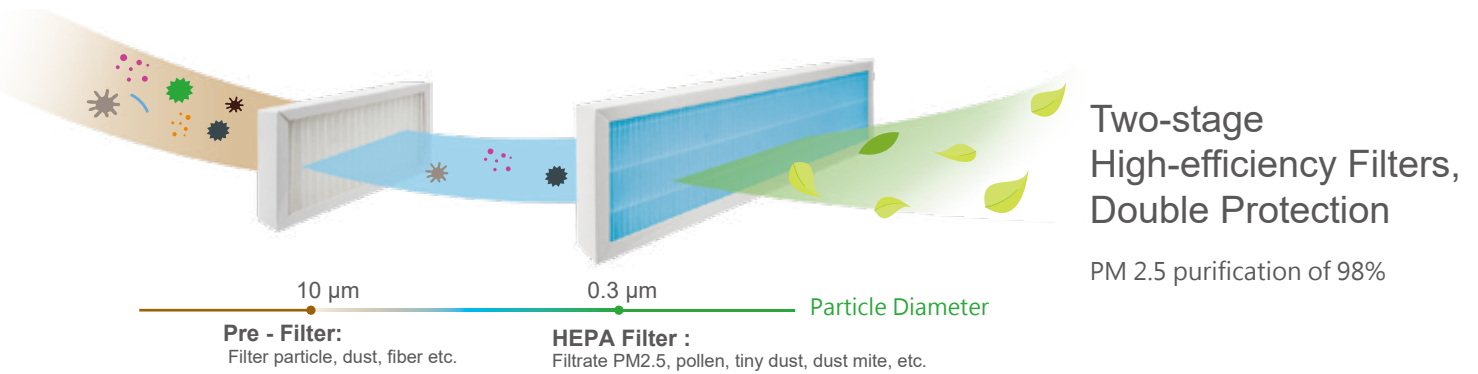
Adopting brushless DC motor enormously decreases power consumption and maintains a longer life, compared with AC motor. Energy can be saved up to 60% - all day operation without wasting energy.

## Real-time Environment Monitoring



Sensors embedded - CO<sub>2</sub> & PM2.5 monitor - smart detection and control

# Next generation HEPA filter

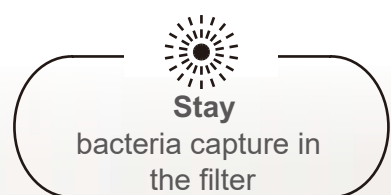
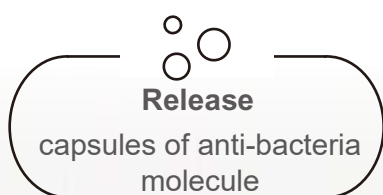


## Next-generation Anti-bacteria Filter, Three-stage Filtration Process

The brand-new anti-bacteria HEPA filter applies micro-capsule filtration technology, which effectively captures common bacteria & virus via ventilation. Regular filter replacement is ideal for your health.



### Triple protection to eliminate virus & bacteria



The HEPA filter can catch common flu virus, enterovirus, spores, and molds, etc., by the test (eurofin:AAE74431, TUV:721655096-2C, etc.)

# Best Selection for Living Spaces

## Installation



Simple Installation, Minor Decoration

Simple Installation  
Simple Decoration

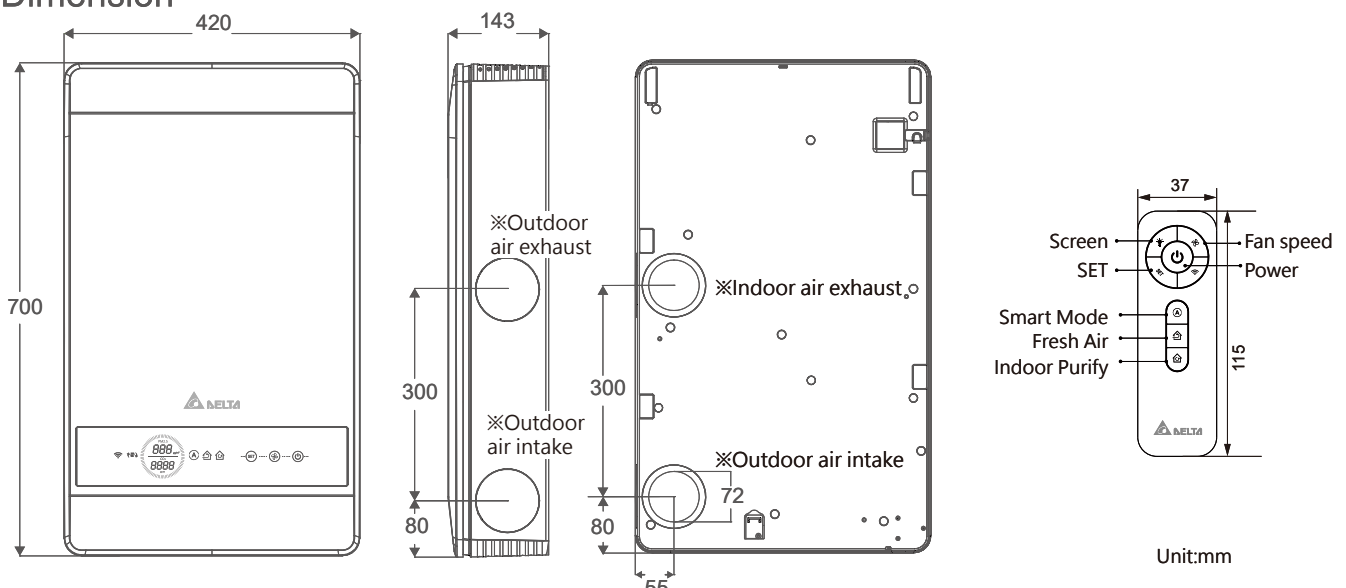
Simple Installation, Simple Decoration  
Just install exhaust outlet on the outer wall - wall-mounted design - 220 Vac power applicable - convenient for house decoration

## Specification

Model		VEB100ATH-W	
Suitable room size		70 m <sup>2</sup>	
Power supply		220 Vac / 50 Hz	
Fan Speed		Three	
Maximum air volume	Air purification	200 CMH	1500 RPM
	Fresh air	100 CMH	1350 RPM
Energy recovery efficiency	Cooling	>50% @ 100 CMH	
	Heating	>55% @ 100 CMH	
Heat recovery efficiency	Cooling	>60% @ 100 CMH	
	Heating	>70% @ 100 CMH	

Model		VEB100ATH-W	
Input Power		10 - 45 W	
PM 2.5 Filtration efficiency		>98%	
Effective of Ventilation rate		>90%	
Control		Remote controller	
Dimension (W x D x H)		420×143×700 mm	
Ducting size		75 mm	
Weight		10 kg	
Noise	Fresh Air mode	<44 dB(A)	
	Indoor Air Purification	<45 dB(A)	

## Dimension



※For different installation requirement : adjust the configuration for air exhaust/ air intake on right side or back of machine.



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