



# Delta

Ceiling Mount

Energy Recovery Ventilation(ERV)

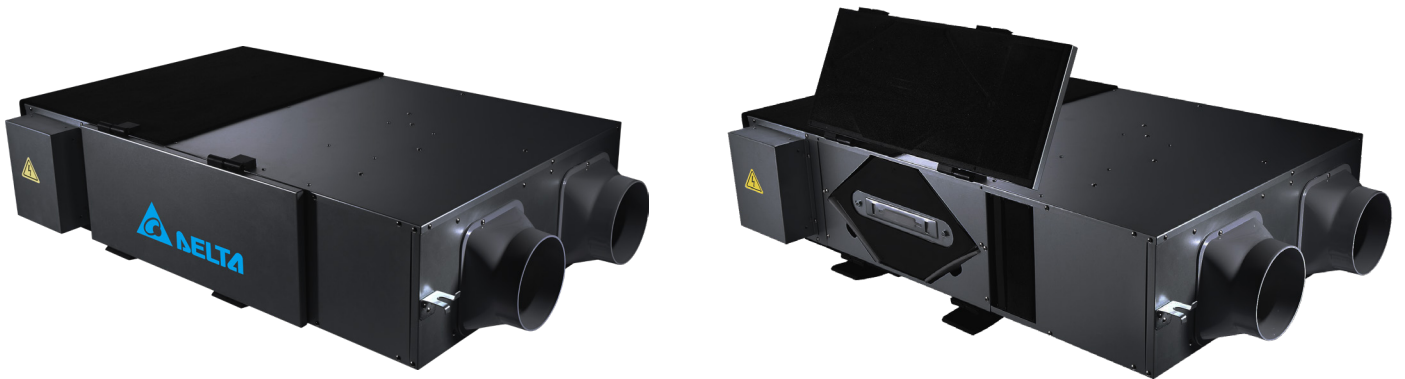
Fresh Air Supply Fan With HEPA Filter

Perfectly Green, Perfectly Quiet

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



# DC Motor Energy Recovery Ventilation with HEPA filter



High Efficiency DC Motor

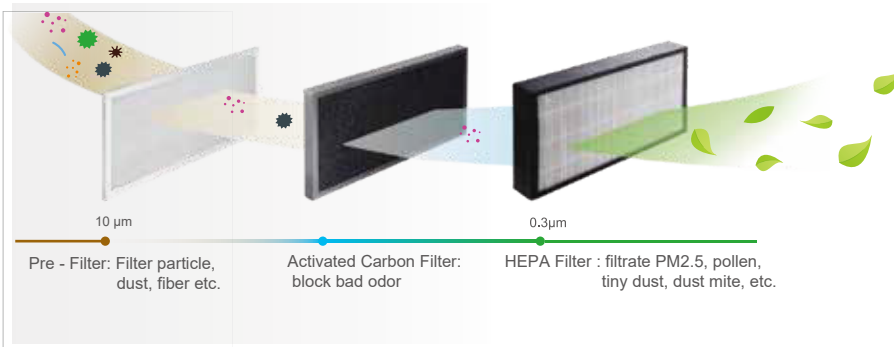
Multiple High Efficiency Filters

Thinning Case for Easy Installation

Constant Airflow Technology

Energy-saving and Quiet

Three Years Warranty



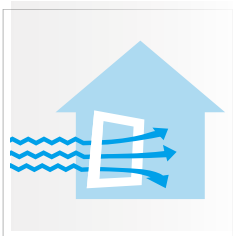
Filter air for three protection  
Purification efficiency: PM2.5 purification of HEPA filter is over 97%



High efficiency DC Brushless Motor : Permanent magnet motor



Slim shape design (218 mm thickness) saving space and easy for installation



Constant Airflow Technology



Access Door with Quick Hinge: Easy installation and maintenance



High efficiency Enthalpy exchanger Core



Remote Control and Monitoring

- ▲ Sensing indoor PM2.5, VOC, Temperature and Humidity .
- ▲ Smart control, auto sensing and control good indoor air quality.
- ▲ Schedule setting: 7 days, 4 periods a day.

# Total home ventilation with air exchange unit

## Specifications

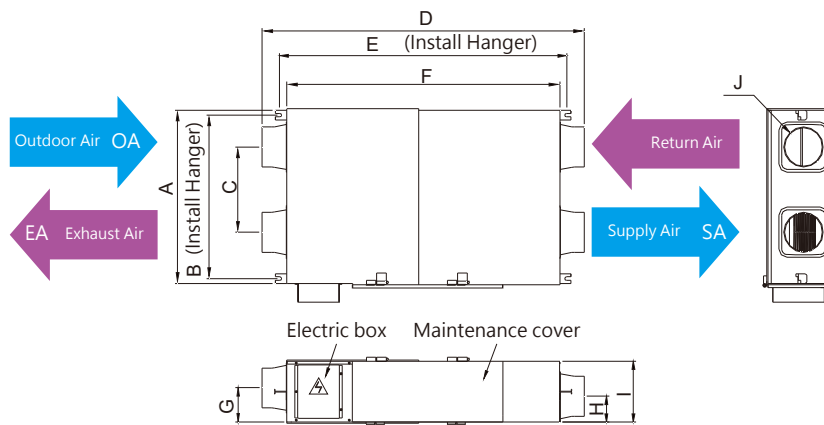
Model Part No.	Dimension mm	Weight kg	Power Ration VAC/Hz	Power Consumption Watt	Air flow m <sup>3</sup> /h	Air Pressue Pa	Noise dB-A	Enthalpy Recovery Efficiency		Note
								Cooling	Heating	
VEB150ATH	564×1022×218	28	220/50	17	80	25	22	68	76	Low
				27	110	40	27	67	75	Middle
				40	150	70	36	64	74	High
VEB250ATH	564×1022×218	28	220/50	30	95	60	26	67	75	Low
				50	145	95	35	66	74	Middle
				98	250	125	37	62	73	High
VEB350ATH	743×1114×253	42	220/50	93	250	108	37	65	72	Low
				142	300	150	38	63	72	Middle
				168	350	150	39	60	71	High
VEB500ATH	1055×1005×312	51	220/50	60	260	55	33	59	63	Low
				120	390	75	36	57	63	Middle
				180	500	90	39	55	61	High

- The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- Noise is measured in semi-anechoic chamber, under the product 1.5m, and simulate the indoor setting situation.

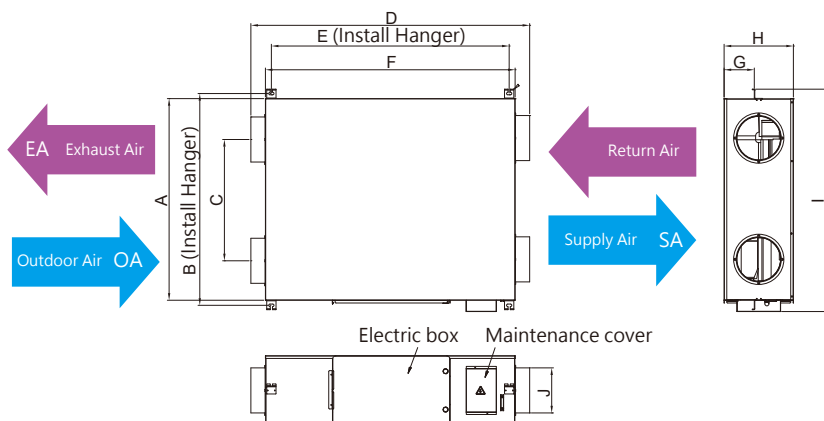
- All readings are typical values at rated voltage.
- Specifications are subject to change without notice.

## Dimension

Unit:mm



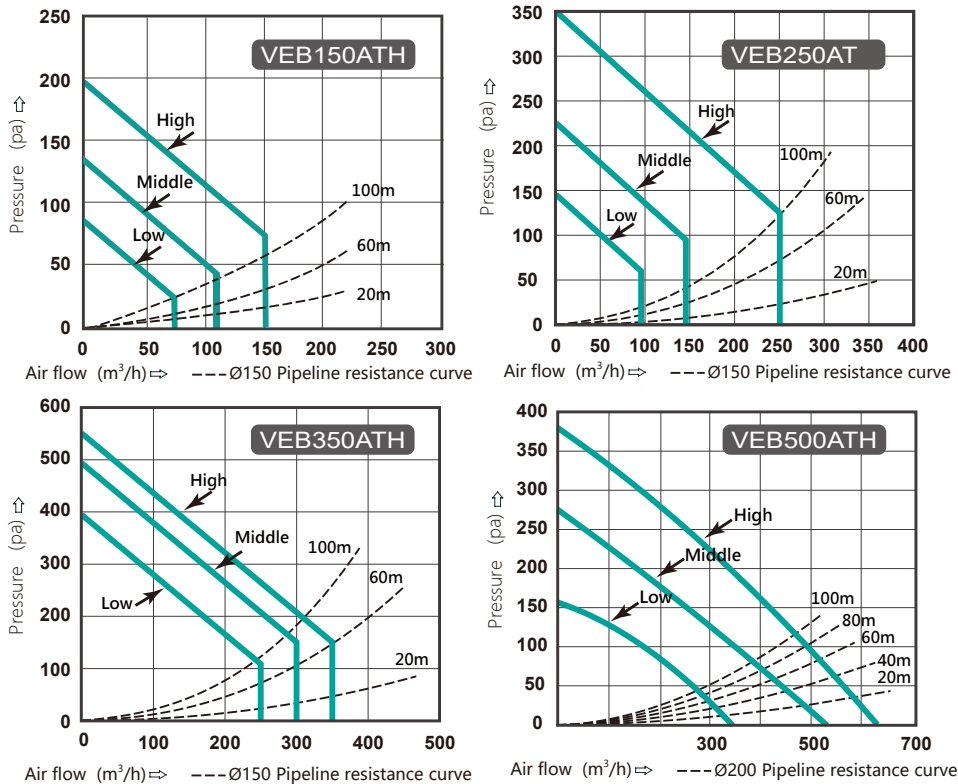
Item	VEB150ATH VEB250ATH	VEB350ATH
A	620	800
B	564	743
C	280	360
D	1088	1230
E	1022	1114
F	980	1055
G	122	150
H	106	103
I	218	253
J	Ø145	Ø145



Item	VEB500ATH
A	998
B	1055
C	728
D	1235
E	1005
F	1065
G	30
H	312
I	1122
J	Ø197

# Delta Fresh Air Systems Bring Nature to Your Home

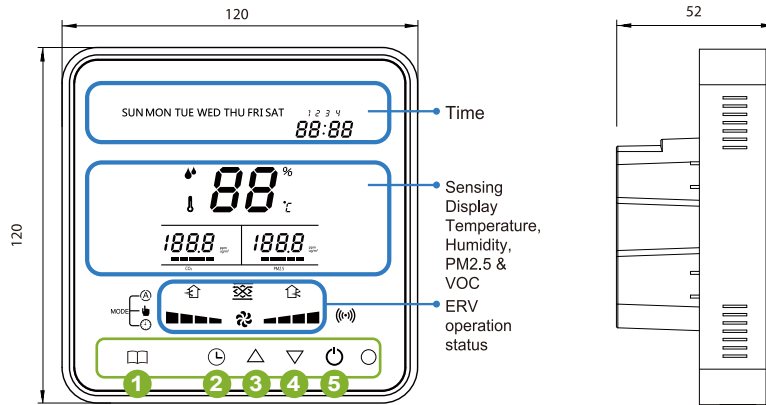
## Performance Curve



## Controller

### VFRU-ERVTH-02SS

- 1  switch working mode
- 2 set clock and timing parameters
- 3 parameter reduce
- 4 parameter increase
- 5 power on/off



Unit:mm

## Accessory List

Model	Item	Part No.
VEB150ATH VEB250ATH	Pre-filter	VFRU-ERVTH-01PF
	Activated Carbon	VFRU-ERVTH-02AF
	HEPA	VFRU-ERVTH-03HF
VEB350ATH	Exchanger core	VFRU-ERVTH-01EX
	Pre-filter	VFRU-ERVTH-04PF
	Activated Carbon	VFRU-ERVTH-05AF
	HEPA	VFRU-ERVTH-06HF
VEB500ATH	Exchanger core	VFRU-ERVTH-02EX
	Pre-filter	VFRU-ERVTH-07PF
	Activated Carbon	VFRU-ERVTH-08AF
	HEPA	VFRU-ERVTH-09HF
	Exchanger core	VFRU-ERVTH-03EX

# Fresh Air Supply Fan With HEPA Filter



High Efficiency DC Motor

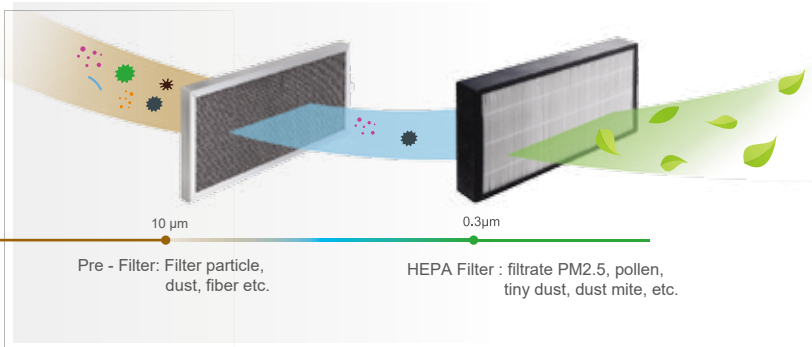
Double High Efficiency Filters

Easy Installation

Constant Airflow Technology

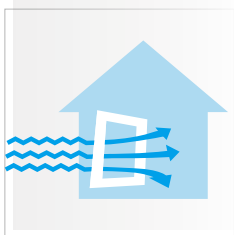
Energy-saving and Quiet

Three Years Warranty



Filter air for double protection

Purification efficiency: PM2.5 purification of HEPA filter is over 99.6%



Constant Airflow Technology

Delta DC Motor

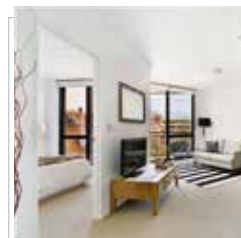
Keep high air flow performance **150 m<sup>3</sup>/h**

Other AC Motor

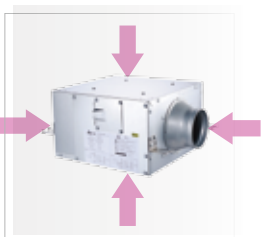
Air flow reduce by distance.



High efficiency DC Brushless Motor : Permanent magnet motor



Good for interior design  
It only needs small air grills, and keep your home clean.



Compact size  
It only needs a small space and easy installation.



# Delta Fresh Air Systems Bring Nature to Your Home

## Specifications

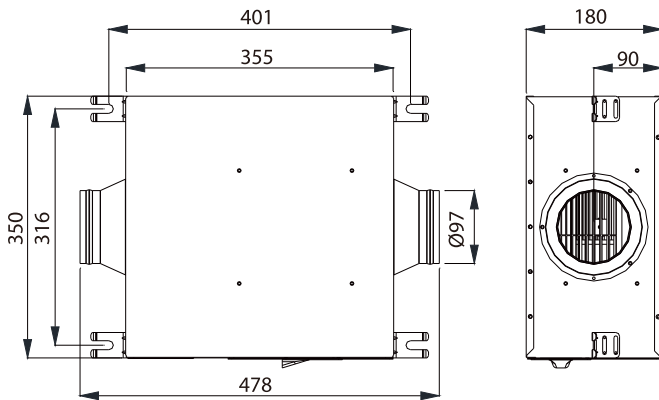
MODEL Part No.	Dimension mm	Weight kg	Power Rating VAC/Hz	Power Consumption Watt	Maximum Air Flow m <sup>3</sup> /h	Maximum Air Pressure Pa	Noise dB-A	PM2.5 Filtration Efficiency %	Note
VDB150CXTH-F	316×401×180	8	220/50	13	150	230	23	≥ 99.6	high
				8	120		21		low
VDB300FXTH-F	316×446×232	10	220/50	25	300	280	31	≥ 99.8	high
				22	250		29		low

- The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- Noise is measured in semi-anechoic chamber in free air, under the product 1.5m, and simulate the indoor setting situation.

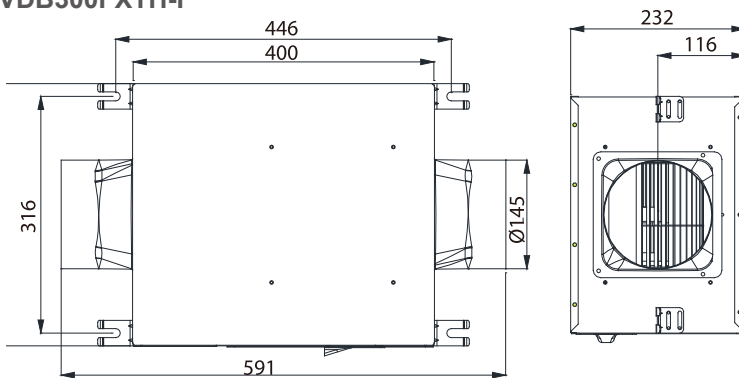
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## Dimension

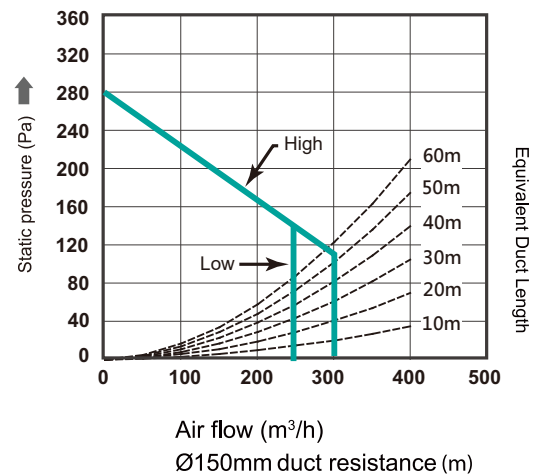
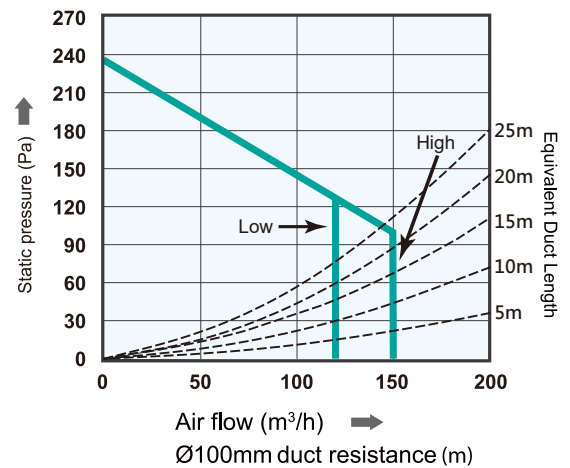
### VDB150CXTH-F



### VDB300FXTH-F



## Performance Curve



## Accessory List

Applicable Model	Name	Name
VDB150CXTH-F	Pre-filter	VFRU-VDBTH-01PF
	HEPA Filter	VFRU-VDBTH-02HF

applicable model	Name	Name
VDB300FXTH-F	Pre-filter	VFRU-VDBTH-03PF
	HEPA Filter	VFRU-VDBTH-04HF