



ASTBERG
VENTILATION

Modern Ventilation Solutions for Modern Buildings



ENERGY RECOVERY VENTILATOR



2



Healthy living Green Space

ASTBERG companion brings you a pure natural and quiet exclusive space.

Enjoy Fresh and healthy air inside your home.

2023
Catalog

Providing Fresh Air For your life !!

HEALTHY AIR !!! | HEALTHY LIFE !!!

Fresh Air System



Yes ! Indoor Air Matters.

In our lifetimes, we each spend 90 % of our time indoor either at home or at office. We don't usually give much thought to indoor air quality as the air we breathe indoor is 5 times more polluted than outdoor air. Poor-quality indoor air can cause major health problems, such as allergies and respiratory diseases etc.

ASTBERG growing name in ventilation system products is recently introduced with a commitment to get rid off its clients from bad indoor air & give them quality fresh oxygen rich air to keep them healthy & fresh round the clock.

About Us

ASTBERG growing name in ventilation system products is recently introduced with a commitment to get rid off its clients from bad indoor air & give them quality fresh oxygen rich air to keep them healthy & fresh around the clock.

As off life style is changing according to time the demand of ventilation system products increasing in the era. It is a necessity of our air tight buildings to install a good quality ventilation system to keep your indoor air quality healthy and fresh with highly energy efficient solutions. So to balance stylish living with healthy atmosphere ASTBERG is giving a wide range of products.

Energy / Heat Recovery Ventilators, Duct fans, Centrifugal fans, Circular Duct fans, Acoustic Box Fans, Ultra Slim Ventilator, Axial Duct fans, Silent Mixed Flow Fans, In Line Mixed Flow ,Ceiling Mounted Fans, Air Purifier Box and Room Air Purifiers etc.

All the products are committed to the exchange of poor air indoor and new fresh air. Our products can be found in all kinds of building which people living. The greatest compliment we receive has been our effort to balance the stylish living and global environment; to improve the collaborative development between enterprise and society.

Quality Assurance

Quality at ASTBERG VENTILATION is not just modern plants and equipment. Its an everyday discipline. It's the attitude that masters the challenge of growth and change. We are striving to delivery best quality product to our customers . As a strategy, ASTBERG has split its quality function into two different operation, i.e. Quality assurance and Quality Control.

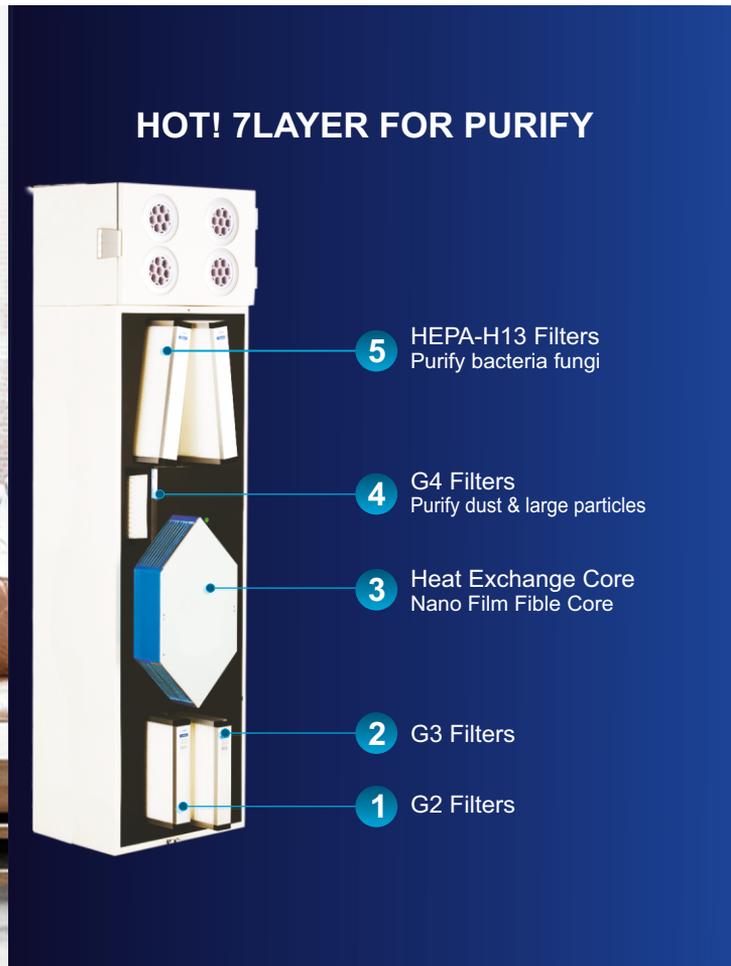
Our Mission

To improve quality of life by providing comforts and conveniences at fair prices. From the beginning, ASTBERG VENTILATION set for itself the goal of being a technological leader of the industry while at the same time keeping its unique character as a personal, customer-focused and service oriented company. It believes that "A Perfect Product must be backed by Perfect Service". We focus on the customer's needs starting from production of the product, through the supply chain and the final installation at the end-user's site. This will be achieved through on-time zero defect supplies backed by responsive service, empowered employees, vendor partner and satisfied investors.

Related Products



Standing Energy / Heat Recovery Ventilator

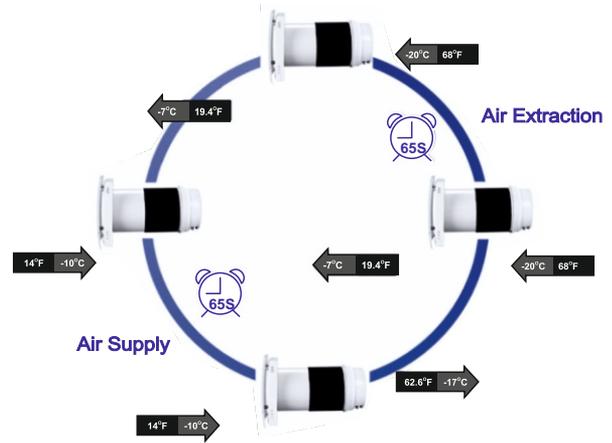


PERFORMANCE PARAMETER:

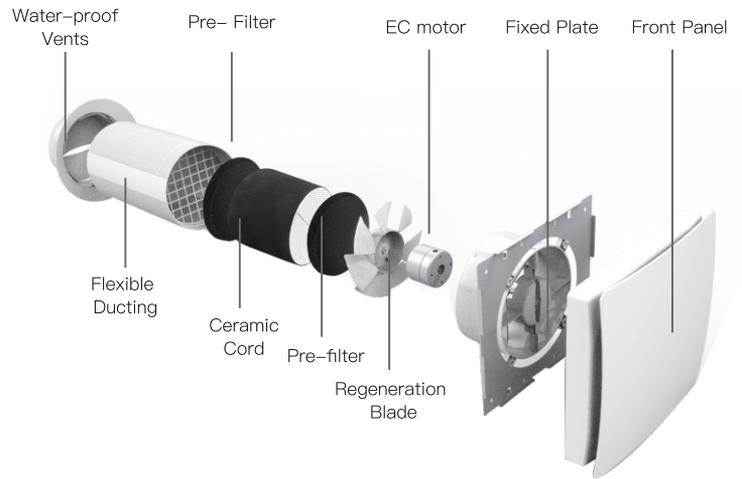
Model	Unit	ASF-35THP	ASF-50THP	ASF-80THP
Voltage	(V/Hz)	220/50	220/50	220/50
Airflow	(m³/h)	350	500	800
Static pressure	(Pa)	243	260	612
Purify efficiency	(%)	99	99	99
Rated power	(W)	60	93	310
Noise	(dB)	20-27	20-35	30-37
Heat Recovery	(%)	85	85	85
Size	(mm)	1500x480x402	1765x480x405	1921x500x525



Residential AT Series



AT501 systems are direct interface between the inside air and the outside air, installed in a sleeve that passes through the wall. **AT501** systems work in pairs : units are wired together to ensure the house is not pressurized or depressurized, one blows in while the other blows out; then after about a minute, they both reverse directions.



STANDARD FEATURES:

This is one of the most valuable products

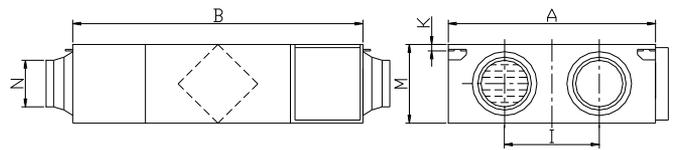
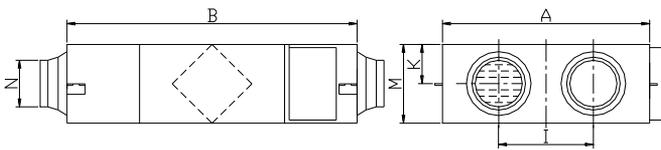
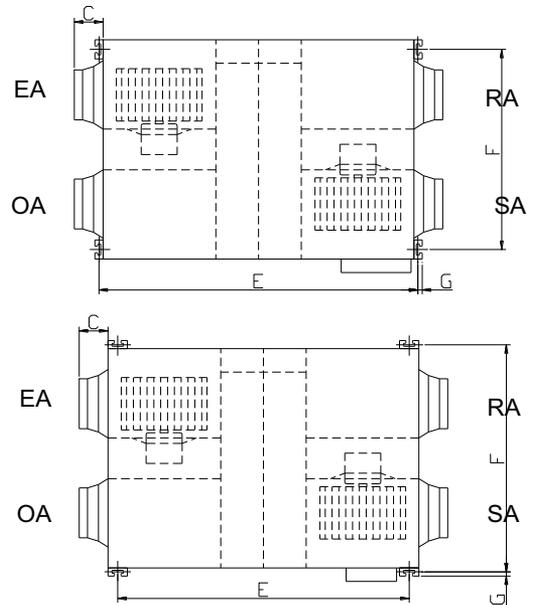
- Supply Air or suck bad air out.
- Heat Recovery, Low Power Consumption.
- EC energy saving motor, 3 Modes Operation.
- Removes damp and odour from home
- Low Noise operating, enjoy great sleeping.

PRODUCT SPECIFICATION:

Speed	Power(W)	Current (Amps)	Air Capacity (m ³ /h)	RPM (min)	Voltage (VAC)	Operating Temperature (C)/(PF)	Heat Exchange Efficiency
I	1.8	0.019	48	651	90-240	-20°C(-4F)TO +50°C(122F)	UPTO 90%
II	3.9	0.034	54	956	90-240	-20°C(-4F)TO +50°C(122F)	UPTO 90%
III	6.0	0.0533	60	1261	90-240	-20°C(-4F)TO +50°C(122F)	UPTO 90%

Residential THA Series

DIMENSION DIAGRAM :



Model	A	B	C	E	F	G	L	K	M	ΦN
AHE-D20THA	580	666	100	725	510	19	290	20	264	144

STANDARD FEATURES:

This is one of the most valuable products

- Energy saving air exchange: Effectively recover the heat energy, which lost by air exchange (fresh air load), which can save the cost of air conditioning.
- Save equipment: because it can reduce the fresh air load greatly, part of the heat energy can be recovered, the air conditioning equipment can be appropriately miniaturized.
- Humidity regulating function: during refrigeration, remove the external air which with high humidity and supply air as close to the indoor humidity. During heating, convert dry outdoor air into indoor humidity, and supply air as close to the indoor humidity.
- Comfortable air exchange: indoor temperature changes in little during air exchange. Due to simultaneous air exhaust and air supply, air exchange also can be stable in a highly sealed room.
- Sound insulation effect: Body air duct and heat exchange core have sound insulation effect, can prevent outdoor noise into the indoor, or prevent indoor noise to the outdoor, do not damage the office and other public places environment.

► **Regarding Air exchange method**

Energy recovery and ventilation: heat exchange for outdoor air and indoor air to get close to the temperature and humidity of indoor air and then supply air to the room.

PERFORMANCE PARAMETER : AHE D20 THA

Specifications	Unit	L	M	H
Airflow	(m ³ /h)	150	200	200
External Pressure	(Pa)	60	70	75
Enth. Cooling	(%)	60	55	55
Enth. Heating	(%)	63	69	69
Temp.	(%)	75	70	70
Noise	(dB)	25	30	31.5
Voltage	(V/Hz)	220		
Current	(A)	0.5		
Input Power	(W)	117		
Weight	(Kg)	25		

Residential THP Series



TWO STAGE FILTRATION

ERV WITH SUB HEPA F9 FILTER

- Double high efficient filters.
- Operating theatre clean class material.
- Filtration class is up to F9, passing national GB/T 14295 standards.

STANDARD FEATURES:

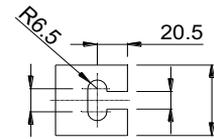
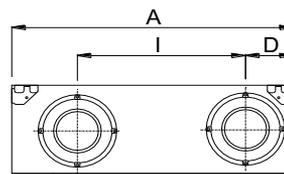
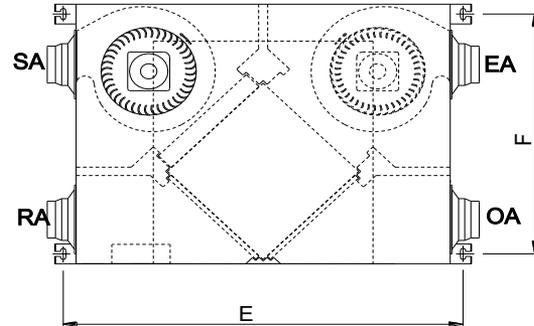
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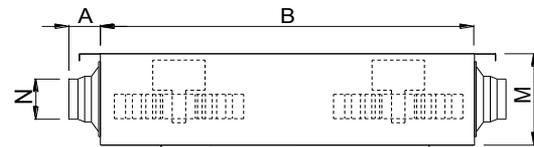
► **Regarding Air exchange method**

Energy recovery and ventilation: heat exchange for outdoor air and indoor air to get close to the temperature and humidity of indoor air and then supply air to the room.

DIMENSION DIAGRAM :



Detailed dimensions of lifting parts



Model	A	B	C	D	E	F	I	M	ΦN
AHE-D25THP	700	930	70	122	990	633	425	220	144

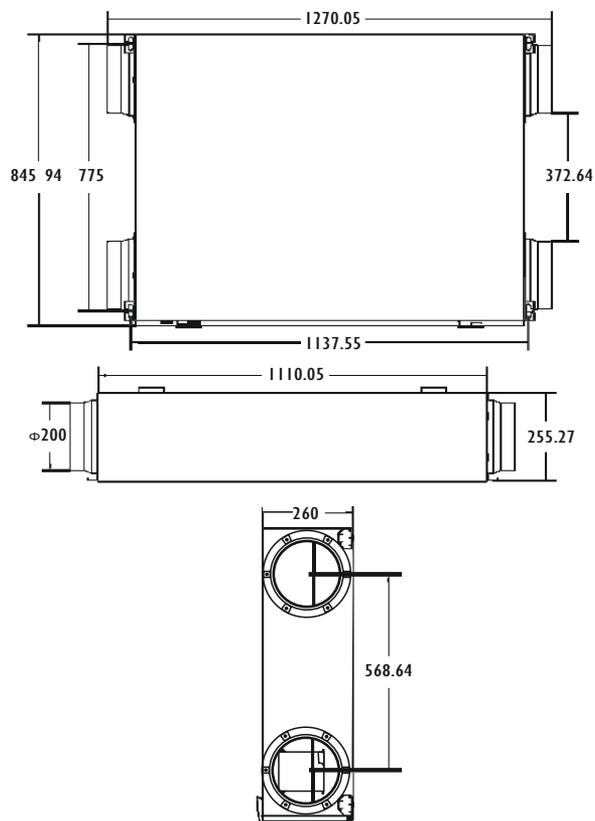
PERFORMANCE PARAMETER : AHE D25 THP

Specifications	Unit	L	M	H
Airflow	(m ³ /h)	210	250	250
External Pressure	(Pa)	35	50	100
Enth. Cooling	(%)	57	55	55
Enth. Heating	(%)	70	68	68
Temp.	(%)	75	73	73
Noise	(dB)	26.5	33.5	34
Voltage	(V/Hz)		220/50	
Current	(A)	0.58	0.60	0.71
Input Power	(W)	123	148	150
Weight	(Kg)		32	
Duct Size	(mm)		150	

Residential AHE 50 GL Series



DIMENSION DIAGRAM:



ERV WITH SUB HEPA F9 FILTER

- Double high efficient filters.
- Operating theatre clean class material.
- Filtration class is up to F9, passing national GB/T 14295 standards.

STANDARD FEATURES:

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- Energy saving air exchange: Effectively recover the heat energy, which lost by air exchange (fresh air load), which can save the cost of air conditioning.
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- Humidity regulating function: during refrigeration, remove the external air which with high humidity and supply air as close to the indoor humidity. During heating, convert dry outdoor air into indoor humidity, and supply air as close to the indoor humidity.
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▶ Regarding Air exchange method

Energy recovery and ventilation: heat exchange for outdoor air and indoor air to get close to the temperature and humidity of indoor air and then supply air to the room.

PERFORMANCE PARAMETER :

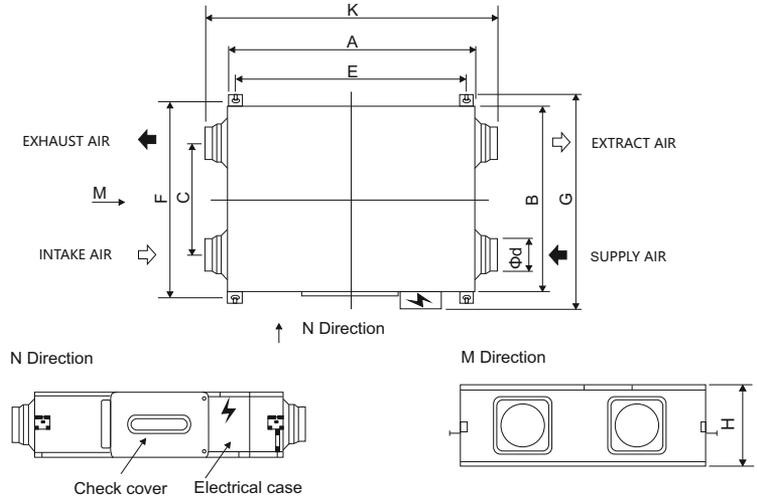
Model	Unit	AHE 50 GL
Voltage	(V)	220
Power	(Pa)	462/306
Air Flow	(m ³ /h)	500
Pressure	(pa)	420
Efficiency	(%)	84~87
Noise	(dB)	38
a	(mm)	1110
b	(mm)	846
h	(mm)	260
Φd	(mm)	210
Weight	(kg)	45.5

Residential THP Series



THREE STAGE FILTRATION

DIMENSION DIAGRAM:



STANDARD FEATURES:

This is one of the most valuable products

- Airflow from 150m³/h~600m³/h. High technology counter flow nano-film heat exchange core that the efficiency of energy recovery more than cross flow.
- Heat exchange core Life span up to 10 years .
- External rotor motor, with automatic reset thermal overload protection.
- Double way air filtration to bring fresh air and improve air quality.
- Internal balancing damper and balancing port.
- Easy access service door.
- LCD controller.
- Filter: Washable three levels filters include Primary Filter, HEPA high efficient filter, Activated Carbon filter, air filters in exhaust and supply air streams.

unit:mm

Model	A	B	C	E	F	G	H	K	Φd
AHE-15THP	695	490	255	665	530	565	238	835	150
AHE-20THP	695	490	255	665	530	565	238	835	150
AHE-25THP	1135	600	318	1060	660	735	275	1330	150
AHE-35THP	1135	740	458	1060	800	875	275	1330	150
AHE-50THP	1220	900	635	1150	970	1040	320	1370	200
AHE-60THP	1220	900	635	1150	970	1040	320	1370	200
AHE-80THP	1320	885	430	1502	936	1009	335	1485	250
AHE-100THP	1572	1132	681	1502	1186	1256	335	1742	250
AHE-120THP	1572	1132	681	1502	1186	1256	335	1742	250
AHE-150THP	1572	1132	681	1502	1186	1256	335	1742	250

PERFORMANCE PARAMETER:

Model	Unit	AHE-15THP	AHE-20THP	AHE-25THP	AHE-35THP	AHE-50THP	AHE-60THP
Voltage	(V/Hz)	220/50	220/50	220/50	220/50	220/50	220/50
Airflow	(m ³ /h)	150/110	200/150	250/200/160	350/270/200	500/360/300	600/500/360
Static pressure	(Pa)	80	80	98	110	175	175
Enthalpy exchange efficiency	(%)	72-78	72-78	72-78	72-78	72-78	72-78
Rated power	(W)	76.3	76.3	126.8	164.4	247.6	260
Noise	(dB)	36/30	37/31	35/33/31	36/34/32	38/36/32	39/36/32
Weight	(Kg)	18	19	30	37	43	45
Diameter of vent	(mm)	150	150	150	150	200	200
Machine size	(mm)	695X495X235	695X495X235	1135X600X275	1135X740X275	1220X900X320	1220X900X320

Residential THP Series



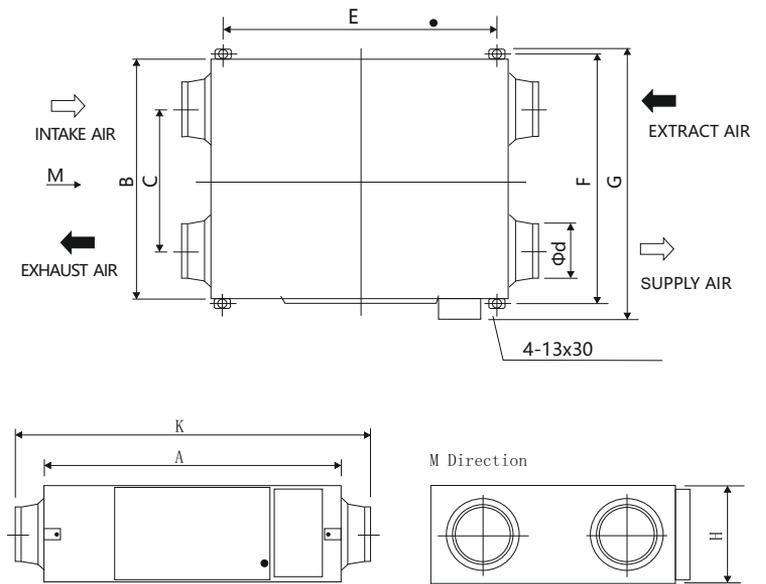
THREE STAGE FILTRATION

STANDARD FEATURES:

This is one of the most valuable products

- Airflow from 100m³/h-1200m³/h.High technology Counterflow Nano-film heat exchanger core that the efficiency of energy recovery more than crossflow .
- Heat exchange core Life span up to 10 years .
- External rotor motor, equipped with automatic reset thermal overload protection
- Double way air filtration to bring fresh air and improve air quality
- Integrated balancing damper and balancing port
- Easy access service door
- LCD controller
- Filter: Washable three levels filters include Primary Filter, HEPA high efficient filter, Activated Carbon filter, air filters in exhaust and supply air streams.

DIMENSION DIAGRAM:



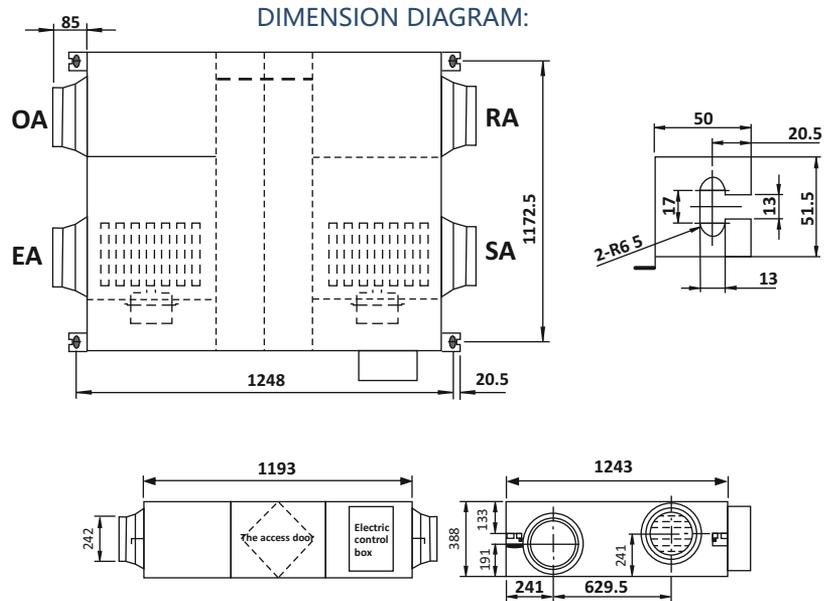
unit:mm

Model	A	B	C	E	F	G	H	K	Φd
AHE-80THP	1322	885	430	1252	936	1009	335	1492	250
AHE-100THP	1322	1132	681	1252	1186	1256	335	1492	250
AHE-120THP	1322	1132	681	1252	1186	1256	335	1492	250
AHE-150THP	1322	1132	681	1252	1186	1256	335	1492	250

PERFORMANCE PARAMETER:

Model	Unit	AHE-80THP	AHE-100THP	AHE-120THP	AHE-150THP
Voltage	(V/Hz)	220/50/60	220/50/60	220/50/60	220/50/60
Airflow	(m ³ /h)	800/800/625	1000/780/650	1200/850/650	1500/1380/1000
Static pressure	(Pa)	150	115	115	205
Enthalpy exchange efficiency	(%)	75/75/77	75/75/77	71/73/74	71/73/73
Rated power	(W)	320/273/205	450/375/330	490/450/400	665/450/400
Noise	(dB)	41/37/33	41/37/33	42/38/33	45/40/38
Weight	(Kg)	74	89	92	98
Diameter of vent	(mm)	250	250	250	250
Machine size	(mm)	1492X1009X335	1492X1256X335	1492X1256X335	1492X1256X335

Residential AHE Series



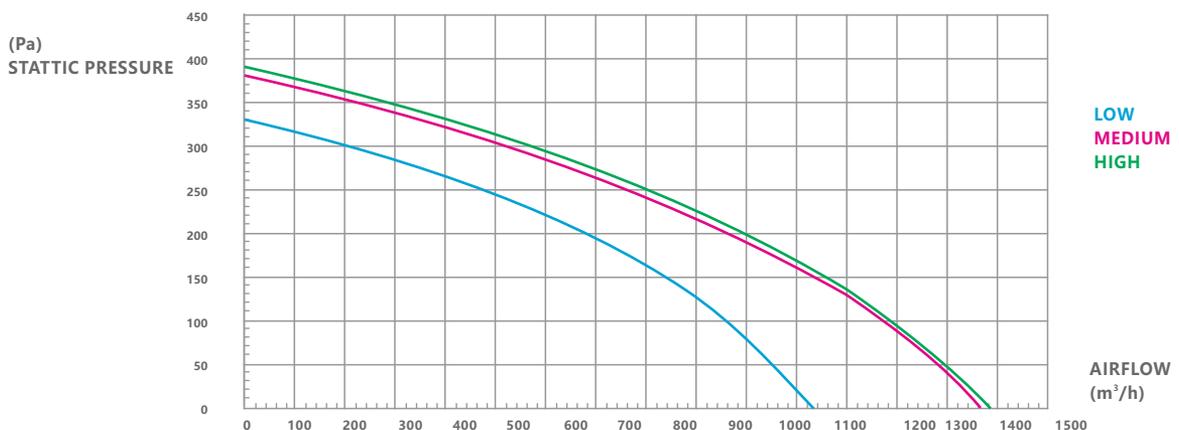
STANDARD FEATURES:

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- Save equipment: because it can reduce the fresh air load greatly, part of the heat energy can be recovered, the air conditioning equipment can be appropriately miniaturized.
- Comfortable air exchange: indoor temperature changes in little during air exchange. Due to simultaneous air exhaust and air supply, air exchange also can be stable in a highly sealed room.
- Sound insulation effect: Body air duct and heat exchange core have sound insulation effect, can prevent outdoor noise into the indoor, or prevent indoor noise to the outdoor, do not damage the office and other public places environment.

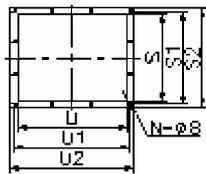
PERFORMANCE PARAMETER:

Model	Unit	AHE-D130 TGP L/M/H
Airflow	(m ³ /h)	1000/1300/1300
External pressure	(Pa)	75/85/90
Enth. Eff. Cooling	(%)	58/56/56
Enth. Eff. Heating	(%)	62/59/59
Temp. Eff.	(%)	76/70/70
Noise	(dB)	38/41/43
Voltage	(V/Hz)	220-50
Current	(A)	3.2
Input Power	(W)	680
Weight	(Kg)	71

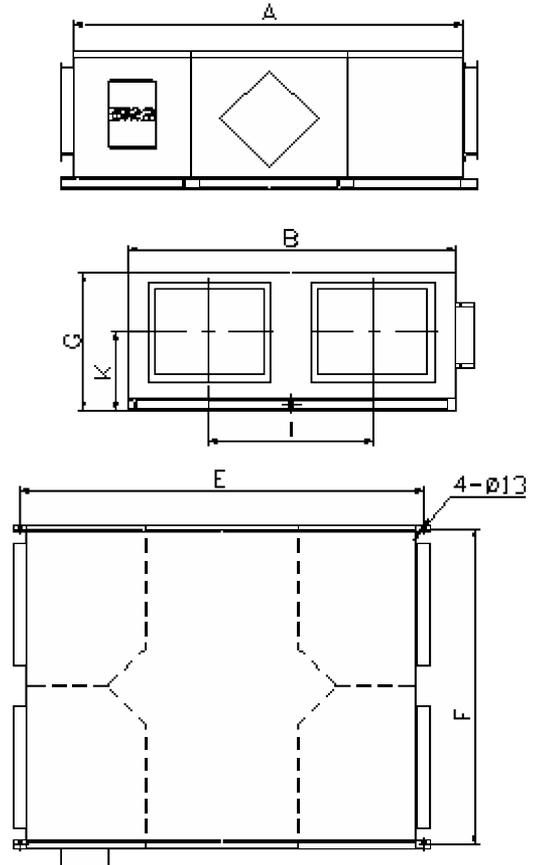
PERFORMANCE GRAPH



Commercial TGP Series



DIMENSION DIAGRAM :



Model	A	B	E	F	G	I	K	S	S1	S2	U	U1	U2	ΦN
AHE-D150TGP	1250	1200	1300	1170	520	600	338	320	345	370	400	425	450	12
AHE-D200TGP	1300	1200	1350	1170	520	600	300	320	345	370	400	425	450	12
AHE-D300TGP	1660	1500	1710	1470	650	750	405	350	375	400	500	525	550	12

STANDARD FEATURES:

This is one of the most valuable products

- Energy saving air exchange: Effectively recover the heat energy, which lost by air exchange (fresh air load), which can save the cost of air conditioning.
- Save equipment: because it can reduce the fresh air load greatly, part of the heat energy can be recovered, the air conditioning equipment can be appropriately miniaturized.
- Humidity regulating function: during refrigeration, remove the external air which with high humidity and supply air as close to the indoor humidity. During heating, convert dry outdoor air into indoor humidity, and supply air as close to the indoor humidity.
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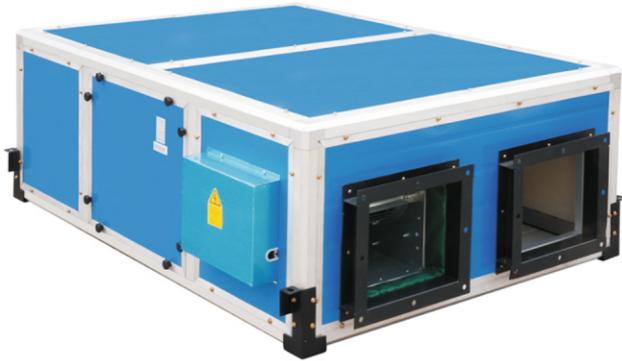
► **Regarding Air exchange method**

Energy recovery and ventilation: heat exchange for outdoor air and indoor air to get close to the temperature and humidity of indoor air and then supply air to the room.

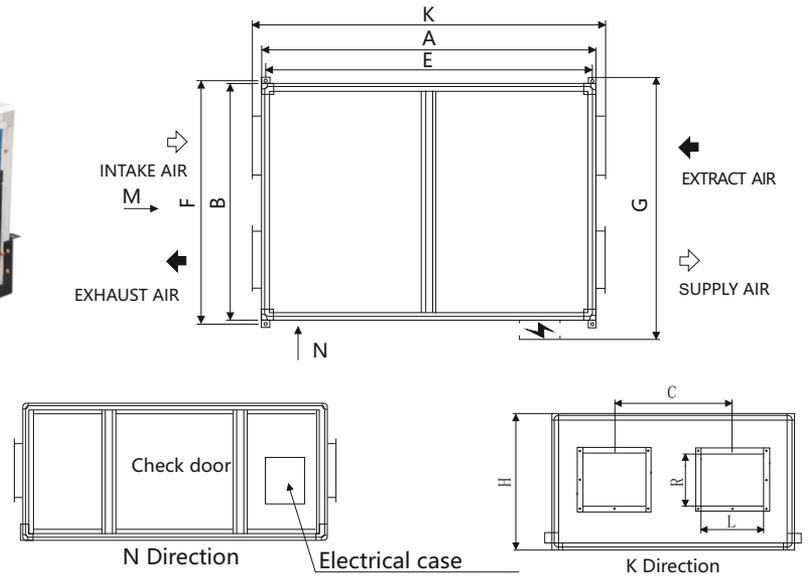
PERFORMANCE PARAMETER :

Model	Unit	AHE D150 TGP L/M/H	AHE D200 TGP L/M/H	AHE D300 TGP L/M/H
Airflow	(m ³ /h)	1000/1300/1500	1200/2000/2000	2500/3000/3000
External Pressure	(Pa)	84/135/165	110/132/176	150/180/210
Enth. Eff. Cooling	(%)	69/66/66	65/62/62	63/60/60
Enth. Eff. Heating	(%)	74/70/70	73/71/71	73/69/69
Temp. Eff.	(%)	74/71/71	74/71/71	73/70/70
Noise	(dB)	46/49/51	49/51/53	51/54/57
Voltage	(V/Hz)	220-50	220-50	220-50
Current	(A)	2.3/3.6/3.8	3.0/4.6/4.8	6.5/8.7/9.0
Input Power	(W)	490/740/790	650/980/1020	1400/1870/1950
Weight	(Kg)	110	112	142

Commercial THB Series



DIMENSION DIAGRAM:



STANDARD FEATURES:

This is one of the most valuable products

- Airflow more than 1500m³/h. high technology counter flow nano-film heat exchange core that the efficiency of energy recovery more than cross flow
- Heat exchange core Life span up to 10 years .
- External rotor motor, with automatic reset thermal overload protection
- Double way air filtration to bring fresh air and improve air quality
- Internal balancing damper and balancing port
- Easy access service door
- LCD controller
- Filter: includes washable primary filter

unit:mm

Model	A	B	C	E	F	G	H	K	LxR
AHE-150THB	1400	940	430	1360	980	1020	558	1500	230x210
AHE-200THB	1480	1080	470	1440	1120	1160	558	1580	260x230
AHE-250THB	1520	1180	520	1480	1220	1260	558	1620	300x260
AHE-300THB	1680	1280	570	1640	1320	1360	558	1780	330x300
AHE-400THB	1680	1480	670	1640	1520	1560	558	1780	360x310
AHE-500THB	2000	1680	770	1940	1720	1760	838	2100	375x375
AHE-600THB	2000	1940	900	1940	1980	2020	838	2100	500x400

PERFORMANCE PARAMETER:

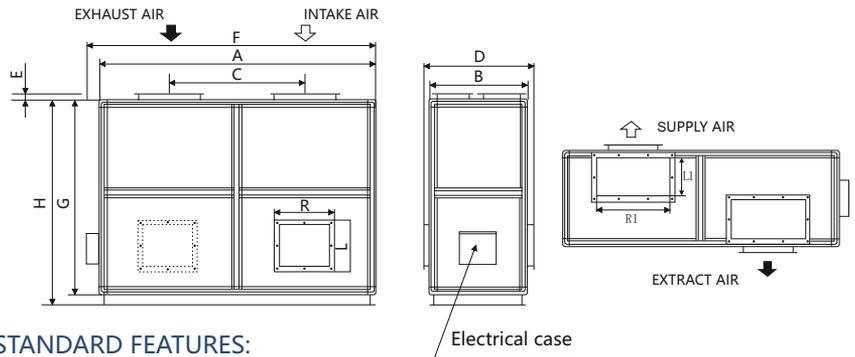
Model	Unit	AHE-150THB	AHE-200THB	AHE-250THB
Voltage	(V/Hz)	220/50/60	220/50/60	220/50/60
Airflow	(m ³ /h)	1500/1360/1210	2000/1830/1660	2500/2360/2180
Static pressure	(Pa)	185	210	260
Enthalpy exchange efficiency	(%)	67/68/69	66/68/70	66/68/70
Rated power	(W)	580/500/400	880/750/650	1200/1080/820
Noise	(dB)	52/50/46	54/51/49	56/53/51
Weight	(Kg)	90	110	180
Diameter of vent	(mm)	230x210	260x230	300x260
Machine size	(mm)	1500x1020x558	1580x1160x558	1620x1260x558

Model	Unit	AHE-300THB	AHE-400THB	AHE-500THB	AHE-600THB
Voltage	(V/Hz)	220/50/60	380/50/60	380/50/60	380/50/60
Airflow	(m ³ /h)	3000/2820/2650	4000	5000	6000
Static pressure	(Pa)	280	300	330	350
Enthalpy exchange efficiency	(%)	66/68/70	68	68	68
Rated power	(W)	1500/1320/1120	2000	2200	3000
Noise	(dB)	60/56/52	62	64	64
Weight	(Kg)	252	270	290	290
Diameter of vent	(mm)	330x300	360x310	375x375	500x400
Machine size	(mm)	1780x1360x558	1780x1560x558	2100x1760x838	2100x2020x838

Commercial TL Series



DIMENSION DIAGRAM:



STANDARD FEATURES:

This is one of the most valuable products

- Airflow more than 1500m³/h. high technology
- Double way air filtration to bring fresh air and counter flow nano-film heat exchange core that improve air quality.
- Heat exchange core Life span up to 10 years .
- External rotor motor, with automatic reset thermal overload protection.
- The efficiency of energy recovery more than cross flow.
- Internal balancing damper and balancing port.
- Easy access service door.
- LCD controller.
- Filter: includes washable primary filter, activated carbon filter and HEPA high efficient filter.

PERFORMANCE PARAMETER:

Model	Unit	AHE-400TL	AHE-500TL	AHE-600TL	AHE-800TL	AHE-1000TL
Voltage	(V/Hz)	380/50/60	380/50/60	380/50/60	380/50/60	380/50/60
Airflow	(m ³ /h)	4000	5000	6000	8000	10000
Static pressure	(Pa)	320	320	320	350	350
Enthalpy exchange efficiency	(%)	72	72	72	72	72
Rated power	(W)	2200	3000	3600	4400	6000
Noise	(dB)	64	65	66	68	72
Weight	(Kg)	350	385	650	950	1150
Diameter of vent	(mm)	320x500	320x600	320x700	320x500	400x500
Machine size	(mm)	1930x890x1680	2330x890x1680	2630x890x1680	1950x1500x2555	2350x1700x2635

Air Treatment AFV Series



STANDARD FEATURES:

- Scientific design and low noise.
- Intake and outlet in the same line suitable for different occasions.
- Silence running stable quality & long life.
- Filter: includes washable primary filter, activated carbon filter and HEPA high efficient filter.
- External rotor motor.
- Only available for supply air or exhaust air.

PERFORMANCE PARAMETER:

Model	Unit	AFV-20DF	AFV-30DF	AFV-40DF	AFV-50DF	AFV-60DF	AFV-90DF
Voltage	(V/Hz)	200/50	200/50	200/50	200/50	200/50	200/50
Airflow	(m ³ /h)	200/150	300/240	400/300	500/350	600/400	900/600
Static pressure	(Pa)	130	175	180	142	142	205
Rated power	(W)	32	68.7	82	105	169	412.9
Noise	(dB)	25/23	27/25	29/27	31/30	38/35	40/39
Duct size	(mm)	150	150	200	200	250	250
Machine size	(mm)	422X290X206	458X316X232	517X376X254	561X418X298	589X468X298	625X494X334

Mix Flow Fan



Model	Unit	AF-100P	AF-125P	AF-150P	AF-200P	AF-250P	AF-315P
Voltage	(V/Hz)	220/50	220/50	220/50	220/50	220/50	220/50
Current	(Amps)	0.12	0.14	0.22	0.53	1.20	1.90
Power	(W)	26	33	54	128	225	390
Air Flow	(m ³ /h)	198	284	530	840	1405	2206
Air Pressure	(Pa)	156	159	300	352	488	693
Noise	(dB)	31	31	33	43	48	63
Weight	(kg)	1.5	1.5	2.6	4.9	7.5	11

Mix Flow Fan with EC Motor

Model	Unit	AEC 150	AEC 160	AEC 200
Voltage	(V/Hz)	220/240	110/240	220/240
Current	(Amps)	0.35	1.4	1.0
Power	(W)	50	77	110
Air Flow	(m ³ /h)	20-530	20-798	20-1292
Air Pressure	(Pa)	350	542	485
Rotated Speed	(rpm)	2550	4330	3550
Weight	(kg)	1.8	2.0	2.7



Typhoon Fan



Model	Unit	TYPHOON125	TYPHOON 160
Current	(Amps)	0.13	0.22
Power	(W)	29	50
Voltage	(V/Hz)	220/50	220/50
Air Flow	(m ³ /h)	355	570
Air Pressure	(Pa)	190	305
Rotated Speed	(rpm)	2450	2600
Noise Level	(dB)	39	49
Weight	(Kg)	2	3

Heavy Duty Ceiling Mounted Exhaust Fan

Model	Unit	ASP 1001	ASE 1501	ASE 1502
Voltage	(V/Hz)	220/50	220/50	220/50
Current	(Amps)	0.25	0.4	0.4
Airflow	(m ³ /h)	170	270	270
Duct size	(inch)	4	6	6
Noise	(dB)	32	34	34
Air Pressure	(Pa)	120	170	170
Weight	(Kg)	3	4.5	4.5



Ceiling Mounted Exhaust Fan



Model	Unit	APT10-21S	APT10-24SL	APT15-27SL
Voltage	(V/Hz)	220/50	220/50	220/50
Power	(W)	25	30	40
Air Flow	(m ³ /h)	150	200	300
Air Pressure	(Pa)	100	110	120
Noise	(dB)	33	35	33
Weight	(kg)	1.7	1.9	2.5

Circular Duct Fan (G-Series)



Model	Unit	AEE-100G	AEE-125G	AEE-150G	AEE-200G	AEE-250G	AEE-315G	AEE-400G
Voltage	(V/Hz)	220-230/50	220-230/50	220-230/50	220-230/50	220-230/50	220-230/50	220-230/50
Power	(W)	85	75	89	127	168	223	168
Air Flow	(m ³ /h)	290	370	740	1020	1050	1600	2500
Air Pressure	(Pa)	290	350	325	520	550	650	325
Speed	(RPM)	2500	2500	2500	2500	2500	2500	1580
Noise	(dB)	65	65	68	70	72	75	60
Weight	(kg)	3.8	3.9	5.4	6.2	6.2	8.5	17.8

Model	Unit	AHT10-23	AHT15-34	AHT20-55A
Voltage	(V/Hz)	220/50	220/50	220/50
Rated power	(W)	25	55	110
Airflow	(m ³ /h)	230	450	800
Static pressure	(Pa)	130	170	220
Noise	(dB)	45	48	50
Weight	(kg)	2.5	4.5	8.0
Duct size	(mm)	100	150	200
Machine size	(mm)	216x175x205	298x215x278	350x280x360

Kitchen Exhaust Fan



Fresh Air Purifier



Model	Unit	AFV-45DF	AFV-75DF
Voltage	(V/Hz)	220/50	220/50
Rated power	(W)	75	115
Airflow	(m ³ /h)	450	650
Static pressure	(Pa)	210	300
Noise	(dB)	38	42
Duct size	(mm)	150	200

Model	Unit	ADD-100P ADD-125P	ADD-150P	ADD-200P
Voltage	(V/Hz)	220/50	220/50	220/50
Current	(Amps)	0.14	0.25	0.57
Power	(W)	33	50	128
Air Flow	(m ³ /h)	284	530	840
Air Pressure	(Pa)	159	300	352
Noise	(dB)	25	31	35
Weight	(kg)	2.8	4.0	5.9

Silent Mix Flow Fan



Ceiling Mounted Exhaust Fan with Light



Integrated Ceiling Mounted Ventilation Fan (with Lighting)

Model	Voltage (V)	Frequency (Hz)	Power (W) Ventilating Lighting	Air Volume (m ³ /h)	Air Pressure (Pa)	Noise (dB) (Ventilating)	Panel Size
AL30	220	50	32 12	150	100	39	300×300

Model	Unit	AFV-15DP	ASF-25
Voltage	(V/Hz)	220/50	220-230/50
Rated power	(W)	41	35
Airflow	(m ³ /h)	370/300	250
Static pressure	(Pa)	105	200
Noise	(dB)	27/24	33
Weight	(kg)	6.6	7
Diameter of Vent	(mm)	145	100
Machine size	(mm)	302X290X206	320X380X130

Ultra Slim Box fan



ASF-25



AFV-15DP

A Genuine HRV must include an impermeable Heat Exchanger Core. Every HRV has an integral aluminium /Nano-film fiber Paper Heat Exchanger Core, capable of reaching up to 72% efficiency.

HOW IT WORKS

OPERATING PRINCIPLE

Airflow counterflow plate Summer operation

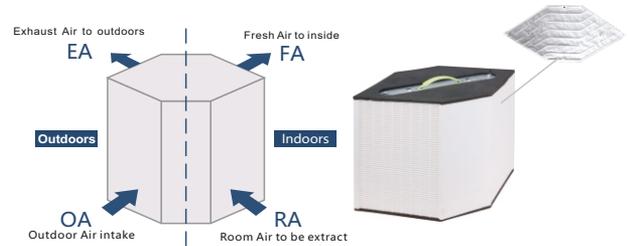
In summer operation, heat and moisture from the outside fresh air is transferred to the outgoing air, greatly reducing air-conditioning costs.

Winter operation

In winter, heat and moisture from the out-going air is recovered and transferred to the fresh incoming air, greatly contributing to reduced heating costs.

Features and benefits

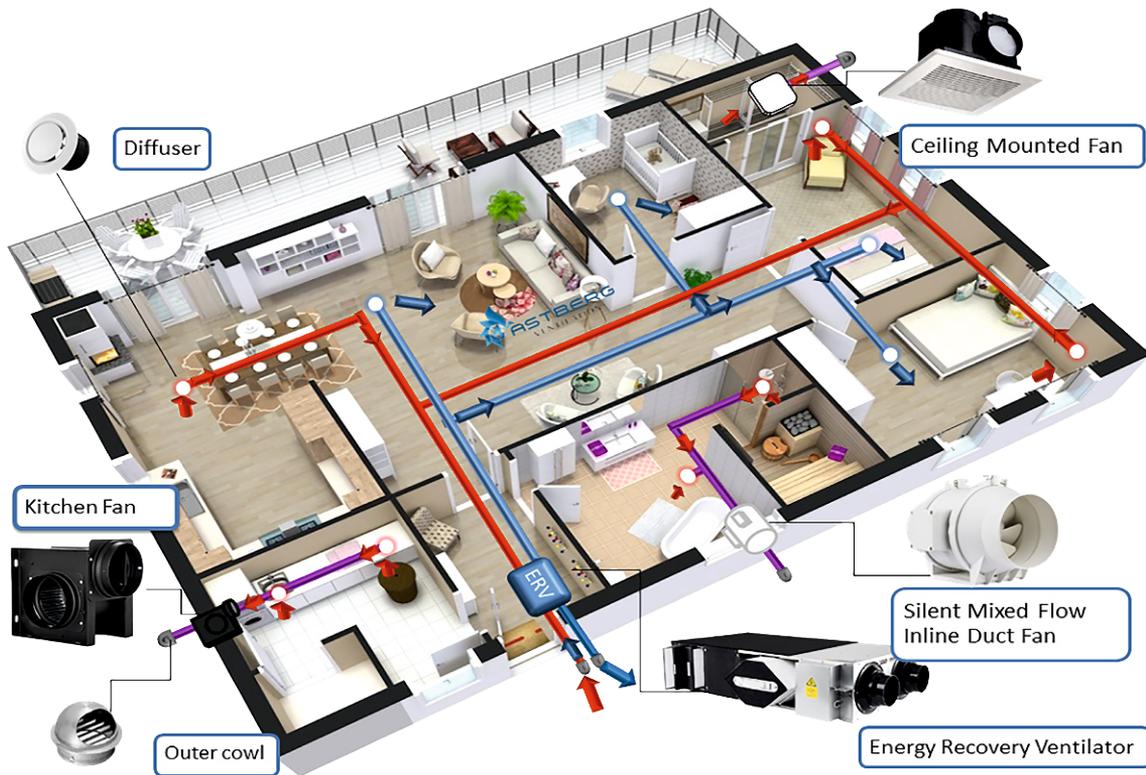
- High efficiency counterflow pattern
- No cross—contamination of the air streams
- First membrane approved at -25°C
- Wide variety of sizes available
- Long life cycle



- Very high sensible & latent transfer rate
- Antimicrobial
- Minimum leakage air flow
- Heat recovery reduces costs and protects the environment
- More than 10 years experience
- Use the vacuum cleaner nozzle to remove dust and debris from the surface of each heat exchange element.
- Please be careful do not put vacuum cleaner nozzle too close to the heat exchange element, because it might damage the nozzle.

Accessories





ENJOY FRESH AIR INDOOR

PURE

Air for your Health
and for your Family



**ENJOY ENERGY-SAVING
FRESH AIR**



Intimate humidity adjusting

According to the indoor and outdoor relative humidity. Automatic regulation of air replacement rate. Ensure that indoor air with optimum humidity

Efficient energy recovery

Through heat exchange of the exchange core. Realization of energy recovery from air conditioning or heating equipment

Create a comfortable and quiet environment

Using high quality insulation material combined with optimization design of the impeller and air duct Effectively reduce indoor noise

Design philosophy-energy saving & long life

Upon the application of energy-saving motor effectively control rise in temperature and ensure long time operation and reduction of CO2 emission.

Ultrafine particulate filter

Fresh air into the indoor has been efficiently filtered good performance of filtration ensures the indoor air highly clean



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VENTILATION**

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Various installation patterns