

M&P



Modern Ventilation Solutions for Modern Buildings



## ENERGY RECOVERY VENTILATOR



**Healthy living  
Green Space**

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

Enjoy Fresh and healthy air inside your home.

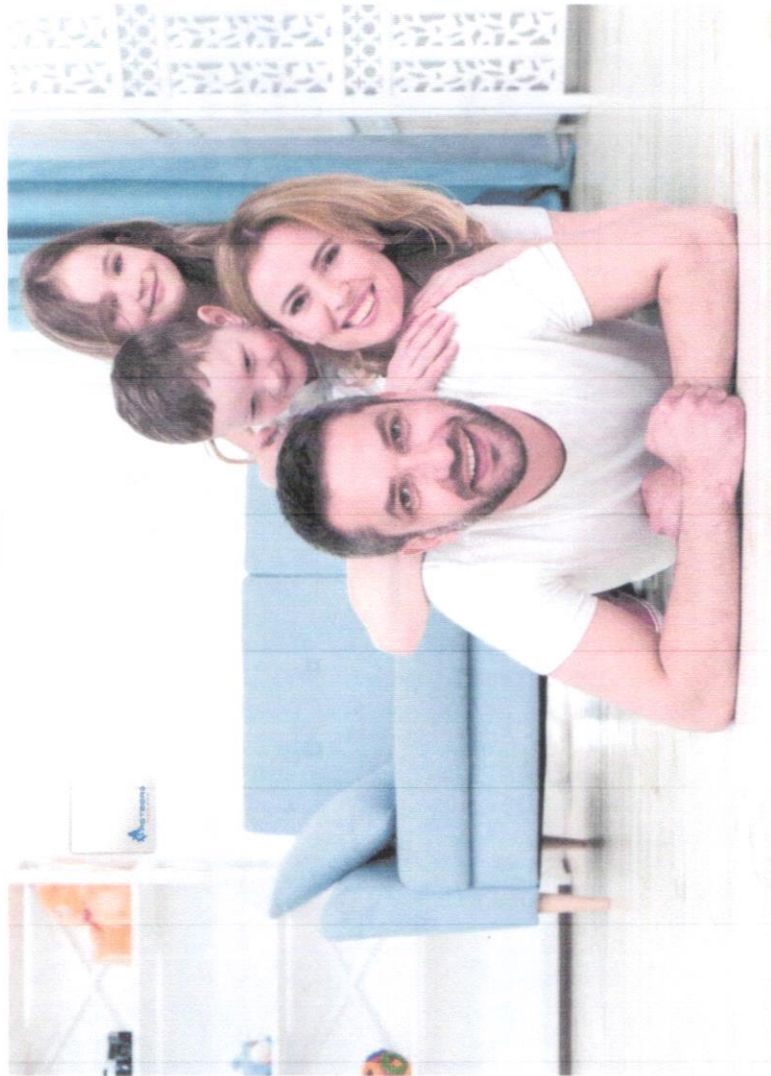
**2023  
Catalog**

**ASTBERG  
VENTILATION**

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

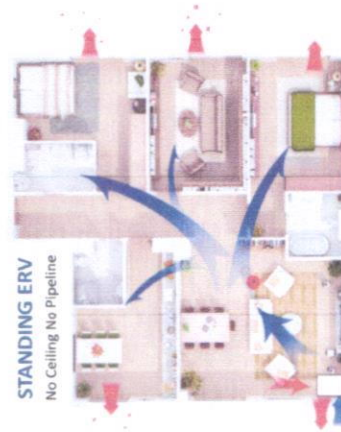


### PERFORMANCE PARAMETER:

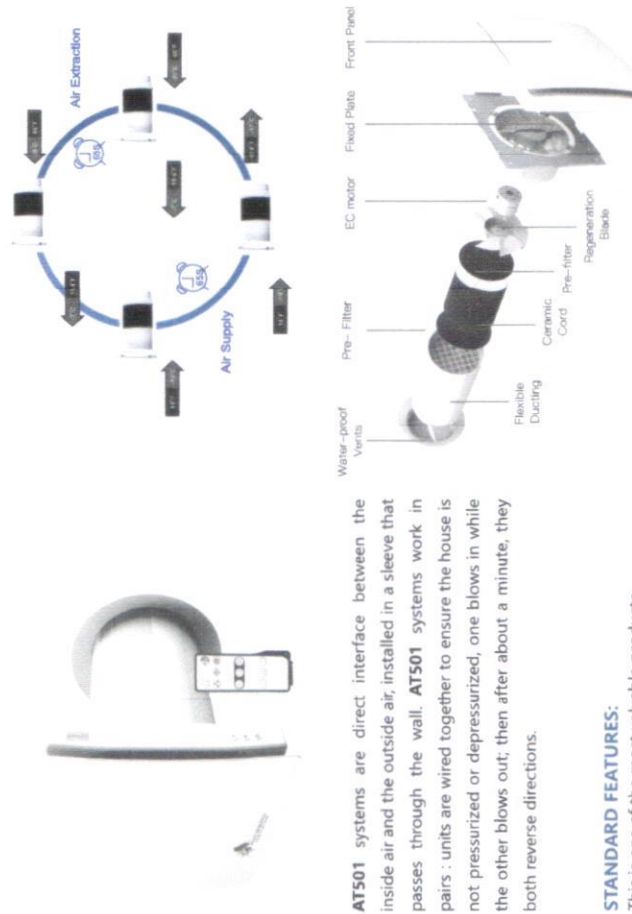
| Model             | Unit   | ASF-35THP    | ASF-50THP    | ASF-80THP    |
|-------------------|--------|--------------|--------------|--------------|
| Voltage           | (V/Hz) | 220/50       | 220/50       | 220/50       |
| Airflow           | (m³/h) | 350          | 500          | 800          |
| 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 |

### STANDING ERV

No Ceiling No Pipeline



## 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:

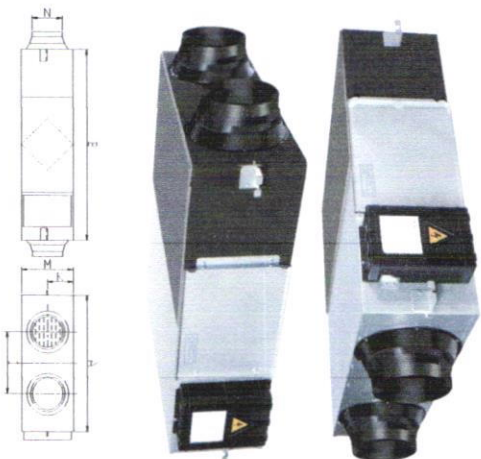
This is one of the most valuable products

- 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.

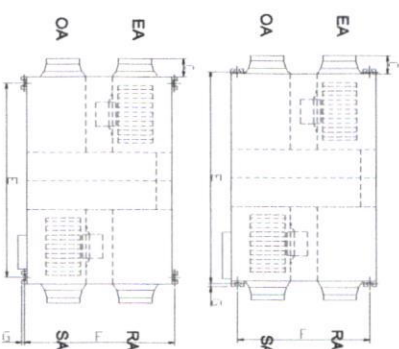
### PRODUCT SPECIFICATION:

| Speed | Power(W) | Current (Amps) | Air Capacity (m³/h) | RPM (min) | Voltage (VAC) | Operating temperature (°C/°F) | Heat Exchange Efficiency |
|-------|----------|----------------|---------------------|-----------|---------------|-------------------------------|--------------------------|
| I     | 1.8      | 0.019          | 48                  | 651       | 90-240        | -20°C(-4°F) TO +50°C(128°F)   | UPTO 90%                 |
| II    | 3.9      | 0.034          | 54                  | 956       | 90-240        | -20°C(-4°F) TO +50°C(128°F)   | UPTO 90%                 |
| III   | 6.0      | 0.0533         | 60                  | 1261      | 90-240        | -20°C(-4°F) TO +50°C(128°F)   | UPTO 90%                 |

## Residential THA Series



| Model      | A   | B   | C   | E   | F   | G  | L   | K  | M   | ΦN  |
|------------|-----|-----|-----|-----|-----|----|-----|----|-----|-----|
| AHE-D20THA | 580 | 666 | 100 | 725 | 510 | 19 | 230 | 20 | 264 | 144 |



DIMENSION DIAGRAM :

### STANDARD FEATURES:

This is one of the most valuable products

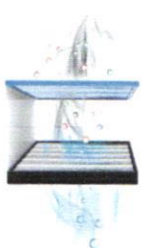
- Energy saving air exchange: Effectively recover the heat energy, which lost by air exchange (fresh air load), which can save the cost of air conditioning.
- Save equipment because it can reduce the fresh air load greatly, part of the heat energy can be recovered, the air conditioning equipment can 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.

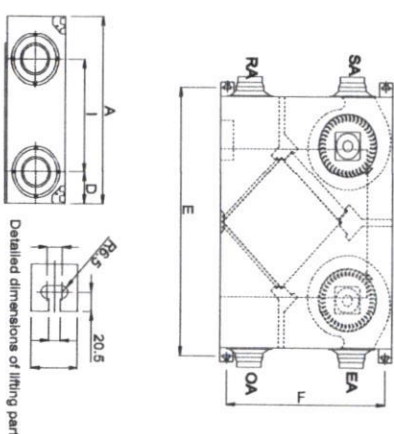
### PERFORMANCE PARAMETER : AHE D20 THA

| Specifications    | Unit   | L   | M   | H    |
|-------------------|--------|-----|-----|------|
| Airflow           | (m³/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



DIMENSION DIAGRAM :

### ERV WITH SUB HEPA F9 FILTER

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

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### PERFORMANCE PARAMETER : AHE D25 THP

| Specifications    | Unit   | L      | M    | H    |
|-------------------|--------|--------|------|------|
| Airflow           | (m³/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    |      |      |

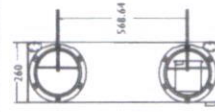
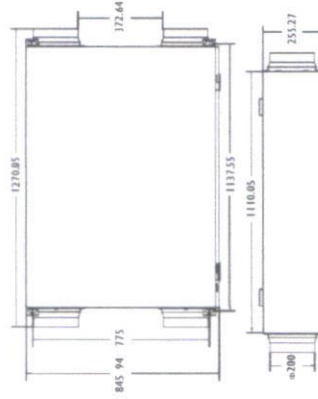
## Residential AHE 50 GL Series



### 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.

DIMENSION DIAGRAM:



PERFORMANCE PARAMETER :

| Model | Unit | AHE 50 GL |
|-------|------|-----------|
|-------|------|-----------|

Voltage (V) 220

Power (Pa) 462/306

Air Flow (m³/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

### STANDARD FEATURES:

This is one of the most valuable products

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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.

## Residential THP Series



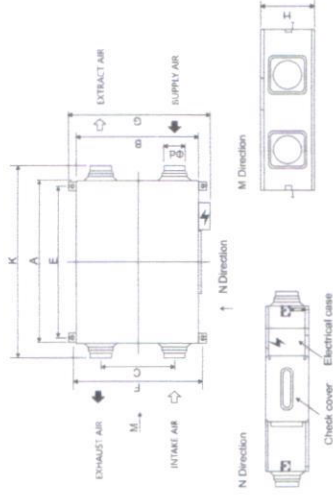
### THREE STAGE FILTRATION

### 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 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.

DIMENSION DIAGRAM:



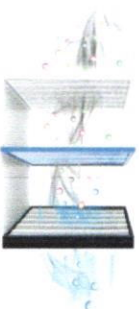
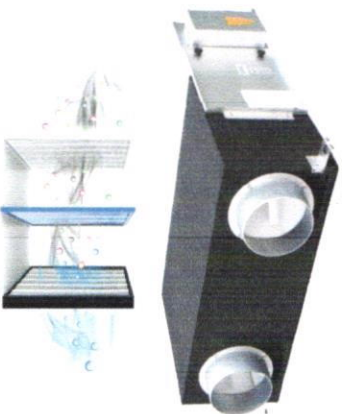
unit:mm

| Model      | A    | B    | C   | E    | F    | G    | H   | K    | Qd  |
|------------|------|------|-----|------|------|------|-----|------|-----|
| 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-15 HP   | 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                      | (m³/h) | 150/110     | 200/150     | 250/200/160  | 350/270/200  | 500/360/300  | 600/500/350  |
| 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 | 1135X740X275 | 1135X740X275 | 1220X900X320 | 1220X900X320 |

## Residential THP Series

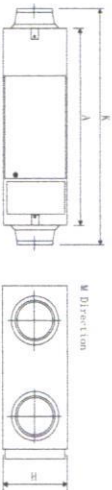
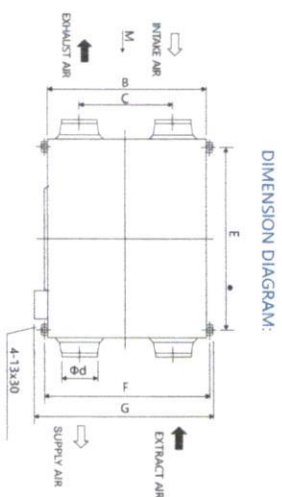


### THREE STAGE FILTRATION

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- Heat exchange core life span up to 10 years
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- 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.

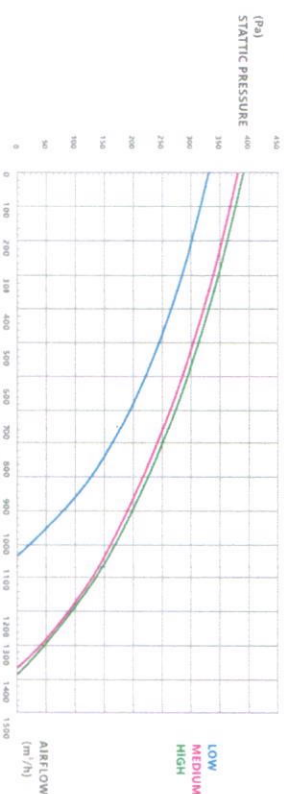


| Model      | A    | B    | C   | E    | F    | G    | H   | K    | Qd  |
|------------|------|------|-----|------|------|------|-----|------|-----|
| AHE-80THP  | 1322 | 865  | 430 | 1252 | 936  | 1009 | 335 | 1482 | 250 |
| AHE-100THP | 1322 | 1132 | 681 | 1252 | 1186 | 1256 | 335 | 1482 | 250 |
| AHE-120THP | 1322 | 1132 | 681 | 1252 | 1186 | 1256 | 335 | 1482 | 250 |
| AHE-150THP | 1322 | 1132 | 681 | 1252 | 1186 | 1256 | 335 | 1482 | 250 |

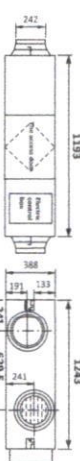
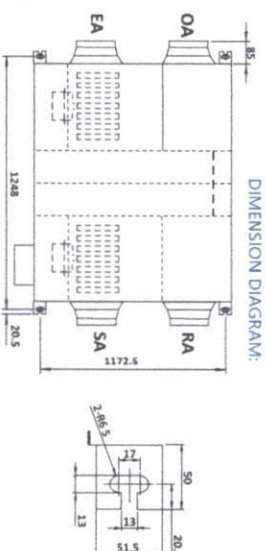
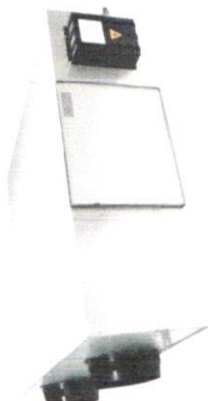
unit:mm

| 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                     | (m³/h) | 800/800/625   | 1000/780/650  | 1200/850/650  | 1500/1380/1000 |
| Static pressure             | (Pa)   | 150           | 115           | 115           | 205            |
| Earthly 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 | 1492X1250X335 | 1492X1250X335 | 1492X1250X335  |

## PERFORMANCE GRAPH



## Residential AHE Series



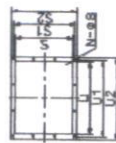
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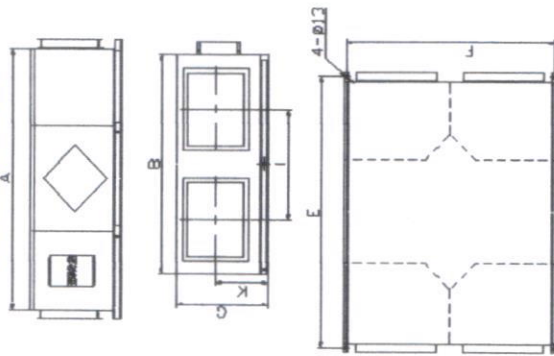
#### PERFORMANCE PARAMETER:

| Model             | Unit   | AHE-D130 TGP |
|-------------------|--------|--------------|
| Airflow           | (m³/h) | 1000/700/300 |
| External pressure | (Pa)   | 75/65/50     |
| Earth EHT Cooling | (%)    | 58/56/56     |
| Earth EHT Heating | (%)    | 62/59/59     |
| Temp EHT          | (%)    | 75/70/70     |
| Noise             | (dB)   | 38/41/43     |
| Voltage           | (V/Hz) | 220-50       |
| Current           | (A)    | 3.2          |
| Input Power       | (W)    | 680          |
| Weight            | (kg)   | 71           |

## Commercial TGP Series



**DIMENSION DIAGRAM :**



| Model       | A    | B    | E    | F    | G   | I   | K   | S   | ST  | S2  | U   | U1  | U2  | OH |
|-------------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| AHE-D150TCP | 1250 | 1200 | 1300 | 1170 | 520 | 600 | 338 | 320 | 345 | 370 | 400 | 425 | 450 | 12 |
| AHE-D200TCP | 1300 | 1200 | 1350 | 1170 | 520 | 600 | 300 | 320 | 345 | 370 | 400 | 425 | 450 | 12 |
| AHE-D300TCP | 1680 | 1500 | 1710 | 1470 | 650 | 750 | 405 | 350 | 375 | 400 | 500 | 525 | 550 | 12 |

#### STANDARD FEATURES:

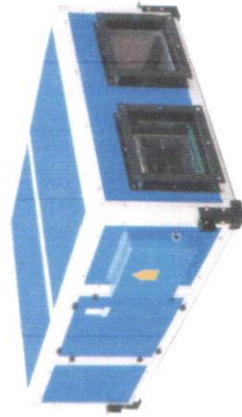
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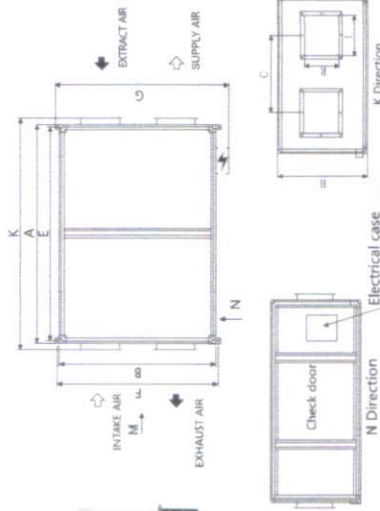
PERFORMANCE PARAMETER :

| Model              | Unit                | AHE D150 TGP<br>L/M/H | AHE D210 TGP<br>L/M/H | AHE D300 TGP<br>L/M/H |
|--------------------|---------------------|-----------------------|-----------------------|-----------------------|
| Airflow            | (m <sup>3</sup> /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 1500m<sup>3</sup>/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

|             | A    | B    | C   | E    | G    | H    | K   | L <sub>0</sub> F | unit:mm |
|-------------|------|------|-----|------|------|------|-----|------------------|---------|
| A/E-1507H-B | 1400 | 940  | 430 | 1360 | 980  | 1020 | 558 | 1580             | 230x210 |
| A/E-2007H-B | 1480 | 1080 | 470 | 1440 | 1120 | 1160 | 558 | 1580             | 260x230 |
| A/E-2507H-B | 1520 | 1180 | 520 | 1480 | 1220 | 1260 | 558 | 1620             | 300x260 |
| A/E-3007H-B | 1680 | 1280 | 570 | 1640 | 1320 | 1360 | 558 | 1780             | 330x300 |
| A/E-4007H-B | 1680 | 1480 | 670 | 1640 | 1520 | 1560 | 558 | 1780             | 360x310 |
| A/E-5007H-B | 2000 | 1680 | 770 | 1940 | 1720 | 1760 | 838 | 2100             | 375x375 |
| A/E-6007H-B | 2000 | 1940 | 900 | 1940 | 1980 | 2020 | 838 | 2100             | 500x400 |

PERFORMANCE PARAMETER:

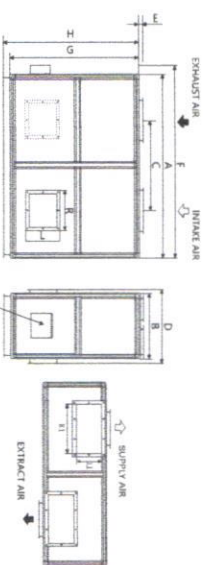
| Model                        | Unit                | JHE-150THB     | AHE-200THB     | AHE-250THB     |
|------------------------------|---------------------|----------------|----------------|----------------|
| Voltage                      | (V/Hz)              | 220/50/60      | 220/50/60      | 220/50/60      |
| Flow                         | (m <sup>3</sup> /h) | 1350/1350/1210 | 2000/1830/1660 | 2500/2360/2180 |
| Static pressure              | (Pa)                | 185            | 210            | 260            |
| Brindlay exchange efficiency | (%)                 | 67.66/68.09    | 66/68.70       | 66/68.70       |
| Rated power                  | (kW)                | 580/520/400    | 880/710/620    | 1200/1010/820  |
| Rated power                  | (dB)                | 52/50/46       | 54/51/47       | 56/53/51       |
| Weight                       | (kg)                | 90             | 110            | 180            |
| Diameter of spelt            | (mm)                | 230x210        | 260x260        | 300x260        |
| Machine size                 | (mm)                | 100x1020x558   | 150x1150x558   | 1620x1260x558  |

| Model                     | Unit                | AHE-00THB      | AHE-400THB    | AHE-500THB    | AHE-600THB    |
|---------------------------|---------------------|----------------|---------------|---------------|---------------|
| Voltage                   | V(rHz)              | 220/50/60      | 380/50/60     | 380/50/60     | 380/50/60     |
| Airflow                   | (m <sup>3</sup> /h) | 3000/2820/2650 | 4000          | 5000          | 6000          |
| Static pressure           | (Pa)                | 280            | 300           | 330           | 350           |
| Heat exchanger efficiency | (%)                 | 65/70          | 65/70         | 65            | 65            |
| Rated power               | (kW)                | 1500/1320/1120 | 2000          | 2300          | 3000          |
| Noise                     | (dB)                | 60/66/62       | 67            | 64            | 64            |
| Weight                    | (kg)                | 752            | 270           | 290           | 290           |
| Diameter of vent          | (mm)                | 330x360        | 360x310       | 375x375       | 500x400       |
| Machine size              | (mm)                | 1780x1360x558  | 1780x1560x558 | 1780x1750x838 | 2100x2200x838 |

### Commercial TL Series



DIMENSION DIAGRAM:



#### STANDARD FEATURES:

- Airflow more than 1500m<sup>3</sup>/h, high technology double way air filtration to bring fresh air and counter flow nano-film heat exchange core that improve air quality.
- Internal balancing damper and balancing port, the efficiency of energy recovery more than cross flow.
- Easy access service door.
- ICD controller.
- Heat exchange core life span up to 10 years.
- External rotor motor with automatic reset thermal carbon filter and HEPA high efficient filter, activated overload protection.

#### 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 <sup>3</sup> /h) | 4000          | 5000          | 6000          | 8000          | 10000         |
| Static pressure             | (Pa)                | 120           | 120           | 130           | 150           | 150           |
| Earthly exchange efficiency | (%)                 | 72            | 72            | 72            | 72            | 72            |
| Rated power                 | (W)                 | 2200          | 3000          | 3600          | 4400          | 6000          |
| Noise                       | (dB)                | 64            | 65            | 66            | 68            | 72            |
| Weight                      | (kg)                | 150           | 185           | 220           | 250           | 350           |
| Diameter of vent            | (mm)                | 320x500       | 320x600       | 320x700       | 320x800       | 400x500       |
| Machine size                | (mm)                | 1930x980x1680 | 2130x980x1680 | 2610x980x1680 | 1950x1500x555 | 2350x1700x635 |

### 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-200F    | AFV-300F    | AFV-400F    | AFV-500F    | AFV-600F    | AFV-800F    |
|-----------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Voltage         | (V/Hz)              | 200/50      | 200/50      | 200/50      | 200/50      | 200/50      | 200/50      |
| Airflow         | (m <sup>3</sup> /h) | 200/150     | 300/240     | 400/300     | 500/350     | 600/400     | 800/600     |
| Static pressure | (Pa)                | 130         | 175         | 180         | 142         | 142         | 205         |
| Rated power     | (W)                 | 32          | 68.7        | 82          | 105         | 169         | 4139        |
| 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 | 517x378x244 | 561x418x258 | 589x468x288 | 625x496x334 |



### 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 <sup>3</sup> /h) | 198     | 284     | 530     | 880     | 1465    | 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      |

| 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 <sup>3</sup> /h) | 20-350  | 20-798  | 20-1282 |
| Air Pressure | (Pa)                | 350     | 542     | 485     |
| Rated Speed  | (rpm)               | 2550    | 4330    | 3550    |
| Weight       | (kg)                | 1.8     | 2.0     | 2.7     |

### Typhoon Fan

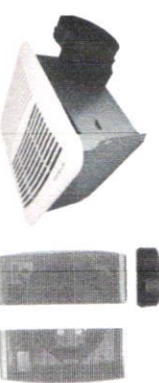


| Model        | Unit                | TYPHOON125 | TYPHOON 160 |
|--------------|---------------------|------------|-------------|
| Current      | (Amps)              | 0.13       | 0.22        |
| Power        | (W)                 | 29         | 50          |
| Voltage      | (V/Hz)              | 220/50     | 220/50      |
| Air Flow     | (m <sup>3</sup> /h) | 190        | 355         |
| Air Pressure | (Pa)                | 190        | 305         |
| Rated Speed  | (rpm)               | 1460       | 2800        |
| Noise Level  | (dB)                | 39         | 49          |
| Weight       | (kg)                | 2          | 3           |



### Mix Flow Fan with EC Motor

### Heavy Duty Ceiling Mounted Exhaust Fan

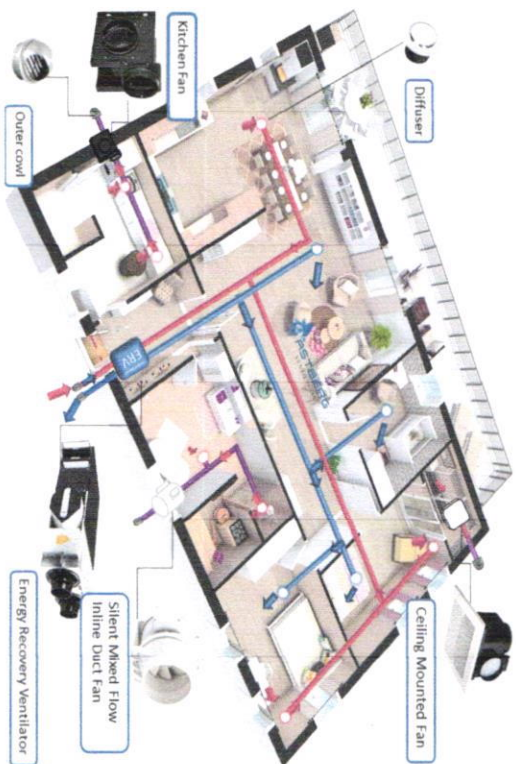


| Model        | Unit                | APT10-215 | APT10-248L | APT15-275L |
|--------------|---------------------|-----------|------------|------------|
| Voltage      | (V/Hz)              | 220/50    | 220/50     | 220/50     |
| Power        | (W)                 | 25        | 30         | 40         |
| Air Flow     | (m <sup>3</sup> /h) | 150       | 200        | 300        |
| Air Pressure | (Pa)                | 100       | 110        | 120        |
| Noise        | (dB)                | 33        | 35         | 33         |
| Weight       | (kg)                | 1.7       | 1.9        | 2.5        |

### Ceiling Mounted Exhaust Fan







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