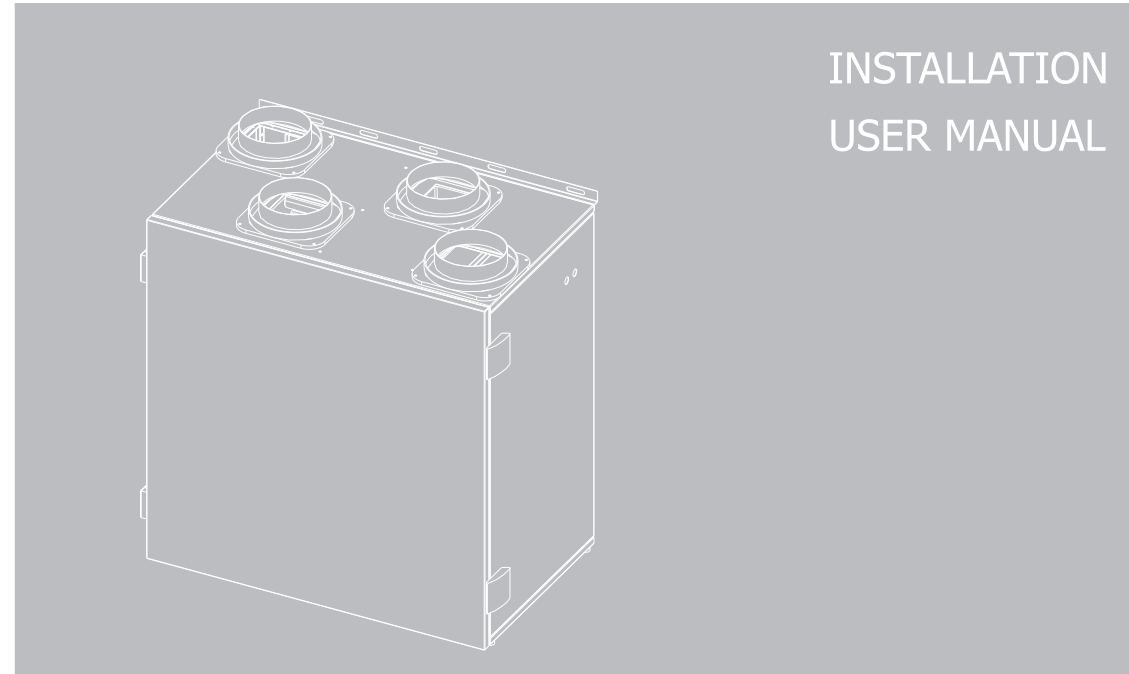


VERTICAL HEAT RECOVERY VENTILATOR

INSTALLATION
USER MANUAL

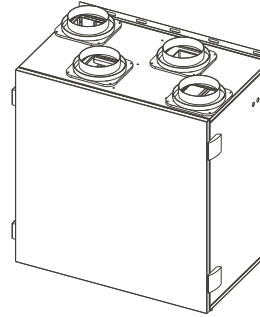


- Please read this manual carefully before using this ventilator.
- Please keep this manual in good condition for your reference.

Contents

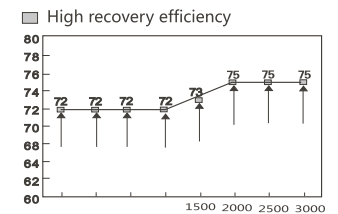
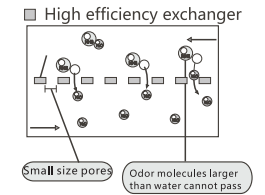
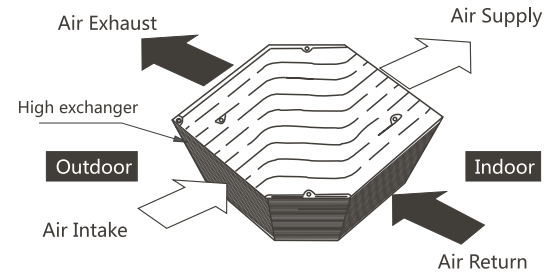
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Product Main Feature



- Convenient installation and maintenance
- Stable performance, silent working and energy saving
- Upward connection, more smooth air flow
- Modular design with key components

Heat Recovery Exchange Theory



- **Energy saving during air exchange**
Effectively recover the energy lost due to ventilation.
- **Equipment saving**
As most of the ventilation energy can be recovered, which greatly reduce external air load, so that air conditioning equipment can be appropriately miniaturized.
- **Function to adjust humidity**
Exchange both temperature and humidity, to supply fresh air to indoor with similar humidity.
- **Comfortable air exchanger**
The indoor temperature change a little during ventilation, it can make stable air exchange in confined space.
- **Excellent sound proof effect**
Excellent insulation effect of air duct and exchanger core.

Safety Precautions for Operation

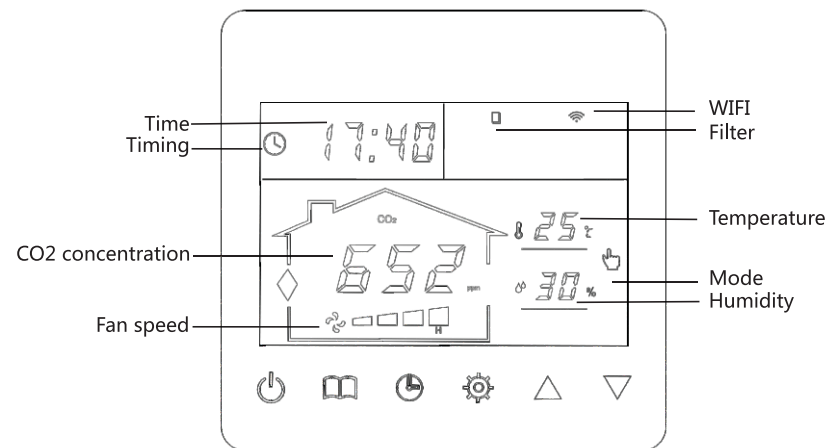
Please read carefully before operation and use the product correctly

⚠ Warning

- ⚠ Do not change or repair yourself, so as to avoid electric shock or failure.
- ⚠ Only the rated voltage specified can be used and should make reliably grounded.
- ⚠ Please remove the power plug before taking out the filter to avoid injury and electric shock.
- ⚠ Do not touch the fan blade inside the body, which may cause serious injury.
- ⚠ Do not put foreign matters or metal objects into the air inlet and outlet, which will cause product failure and endanger your safety.
- ⚠ Do not splash or wash this product, which may cause mechanical failure or electric shock.
- ⚠ Clean the dust on the power plug regularly. If it is covered with too much dust, it will cause problems such as poor insulation and even fire in serious cases.
- ⚠ The power plug and power cord shall not be damaged, deliberately bent, forcibly pulled and squeezed. If the damaged power cord is used continuously, it may cause electric shock and fire. If it is damaged, it must be replaced by professional maintenance personnel.
- ⚠ The power plug and power cord shall not be damaged, deliberately bent, forcibly pulled and squeezed. If the damaged power cord is used continuously, it may cause electric shock and fire. If it is damaged, it must be replaced by professional maintenance personnel.
- ⚠ The product shall be placed in a dry place, pay attention to moisture-proof, lightning protection, rain, frost and snow.
- ⚠ Pay attention to fire prevention and keep away from flammable, explosive and other dangerous goods.
- ⚠ Avoid strong impact, collision and vibration on products, and prevent internal lines from falling, resulting in potential safety hazards.
- ⚠ It is forbidden to insert or take off plug with wet hands or touch the switch and metal shell.
- ⚠ Pay attention to the maximum power of the product. When used with other high-power appliances, the total power shall not exceed the load capacity of power socket, electric meter, fuse and conductor.
- ⚠ Once the product is found abnormal, the power supply shall be cut off immediately, and professional technicians shall repair it and re-use it after confirming its safety.



Control Instruction



Unit On/Off

Short press button to switch on/switch off the unit. The screen display OFF when it is switched off.

Mode Selection























Short press button to switch working mode (manual or automatic);
In manual mode, short press and to adjust fan status off, low speed, medium speed or high speed;
In auto mode, fan work automatically according to Co2 concentration.

Timing function


Short press button to turn on or turn off timing function;
Long press button, on screen will display filter working time (unit is hour). When motor work, filter working time accumulate, when real filter working time reach max. working time, filter icon display. Long press button can clear the filter working time.

Parameter setting



- a, Long press button with 5 seconds to enter into CO2 concentration setting, the previous location that display CO2 concentration will indicate CO2 setting parameter and blink, press or button to adjust the related parameter, parameter range is 300-1990ppm;
- b, Short press button to enter into backlight brightness setting under screensaver, press or button to adjust the parameter, setting range is 1~20, each data corresponds to a brightness value of 5%;

- c, Short press button  again to enter into filter max. Working time setting, unit is hour, press  or  button to adjust the parameter, setting range is 100~9000;
 - d, Short press button  again to enter into real time hour setting, press  or  button to adjust the parameter;
 - e, Short press button  again to enter into real time minute setting, press  or  button to adjust the parameter;
 - f, Short press button  again to enter into timing on hour setting, press  or  button to adjust the parameter;
 - g, Short press button  again to enter into timing on minute setting, press  or  button to adjust the parameter;
 - h, Short press button  again to enter into timing off hour setting, press  or  button to adjust the parameter;
 - I, Short press button  again to enter into timing off minute setting, press  or  button to adjust the parameter;
- Then short press button  to exit.


Automatic Mode

In automatic mode,  display, when Co2 concentration exceeds the set value + 1200ppm, the fan runs at high speed; when the CO2 concentration exceeds the set value of 600-1100ppm, the fan will run at medium speed; when the CO2 concentration exceeds the set value of 0-500ppm, the fan runs at low speed; when the Co2 concentration is lower than the set value - 100, the fan stops; with other datas, the fan maintains the original speed.

Timing on Function

Short press  button to open or close timing function. In timing on,  display, controller work according to the timing on/off parameter.

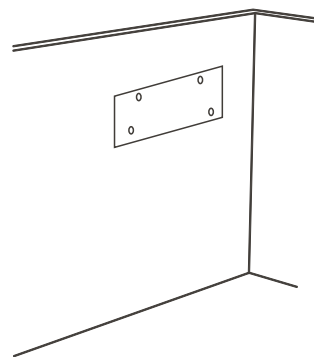
WiFi Function

Scan the QR code below to download the app, register the account and log in. Long press button  for 5 seconds to make the WiFi module enter the configuration state (the WiFi icon flashes quickly), then click "add device" on the app and complete the WiFi configuration accordingly.



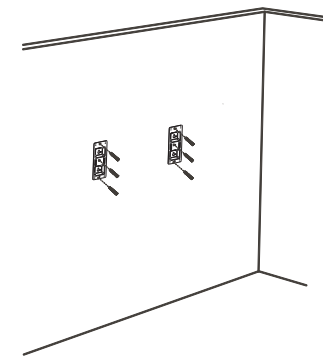
Unit Installation

1. Stick the perforated sticker horizontally to the wall.

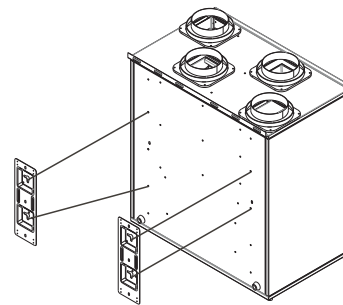


(The pictures are for reference only.)

2. Fix the wall hanging bracket horizontally to the wall with 6 expansion screws according to the limit distance of the sticker position.

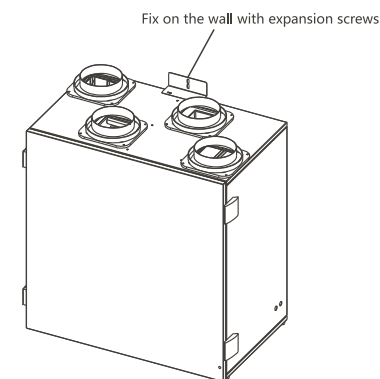


3. Insert the screw on the back of the machine into the mounting hole of the wall hanging bracket to fix the machine.



(The pictures are for reference only.)

4. Fix on the wall with expansion screws.



(The pictures are for reference only.)

Maintenance

Maintenance

The vertical fresh air ventilator filters a variety of particulate pollutants from the air. After use for a period of time, these pollutants are adhered to the filter, so as to reduce the dust removal efficiency of the product. In order to keep its efficient performance, it is necessary to maintain the machine regularly.

The maintenance work mainly includes following contents:

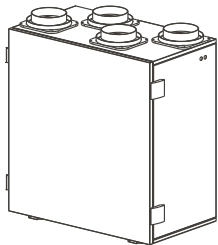
- Clean the primary filter
- Replace HEPA filter
- Clean exchange core

 Cut off the power supply before maintenance.

- In order not to affect the performance of the product, please check the working condition and the pollution degree of the filter regularly. It shall be cleaned and replaced in time if the filter accumulates too much dust.
- During cleaning the filter, there will have dust pollution, that may harm the respiratory system and eyes. Please wear masks and protective glasses for operation.

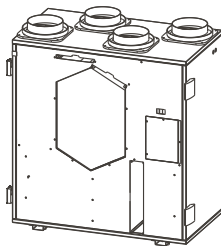
- It is recommended to clean the primary filter once a month. Wash it with water or remove the dust on the filter with a vacuum cleaner. Please kindly note that the filter can be used only after it is dry.
- Do not clean the HEPA filter. Replace it regularly every 3-6 months.

01 Open the door latch



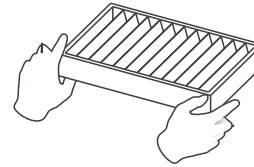
02 Take off the related filter components

HEPA filter
Exchange core
Exhaust air primary filter
Fresh air primary filter



03 Filter replacement

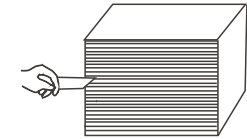
Take off the old filter, use the new one to replace directly at previous location.



(The pictures are for reference only.)

04 Maintenance of exchange core

Take off the exchange core, remove the dust by vacuum cleaner (Note, water is prohibited.), and then install back.



(The pictures are for reference only.)

05 Primary filter clean

Take off the primary filter, and wash it, then install back after it is full dry.
(Note: Make sure it is dry enough, else there has possibility of electricity shock.)
Replace new filter after 2~3 times cleaning.

