

## Full Heat Recovery Ventilator

(RC2.350E)

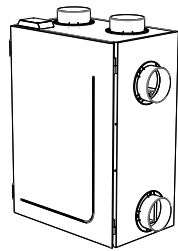
Please read this user manual carefully before using the product and keep it in properly.

①

### Packing List

### Unit(PCS)

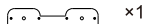
### Certificate of Conformity



①  
主机



②  
User Manual



③  
Ventilator Mounting Bracket



④  
Expansion Bolt

③



Certificate of Conformity

Name: Energy Recovery Ventilator

Model: RC2.350E

Standard: GB 4706.1-2005  
GB/T 21087-2020

Manufacturer :  
Zhejiang Menred Environment Technology Co., Ltd.  
Add.: No.358, Sandian Road, Qixing Town,Nanhu  
District,Jiaxing City, Zhejiang, China

## To our valued users

Must - read for Users

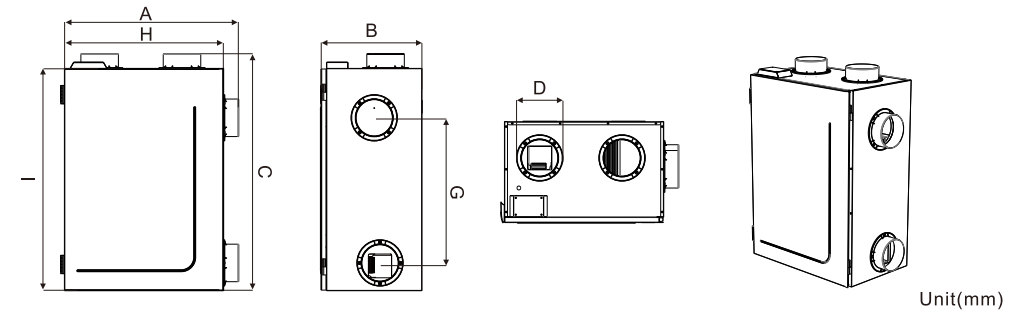
1. Before installing and using this product, please read the instruction manual carefully and keep it properly for future reference.
  2. Our company shall not be liable for any consequences caused by incorrect installation of this product. Only professional personnel recognized by our company are allowed to install our fresh air equipment for you.
  3. If users install this product by themselves or use self-prepared installation materials to install this product, our company shall not be liable for any consequences including but not limited to pipeline leakage, equipment falling, poor installation affecting the normal operation and performance of the product, adverse impact or damage to the product itself, as well as all losses arising therefrom.
  4. After the product is installed and used, users shall conduct regular inspections and necessary maintenance according to the usage condition. In case of any abnormality, please report to the after-sales service department of our company for repair to ensure the normal, safe and reliable operation of the product.
  5. The filter screen shall be inspected and replaced regularly. Consumers can call the service hotline to make an appointment for our service personnel to come to the door for inspection and replacement. The recommended inspection cycle is 6 months.
  6. Before conducting any maintenance or repair on the product, please make sure to disconnect the power supply. Non-professional personnel shall not adjust or repair the product.
  7. If the power cord is damaged, to avoid danger, it must be replaced by professional personnel from the manufacturer, its maintenance department or similar departments.
  8. This product shall not be used by children, persons with physical, sensory or intellectual disabilities, or persons without relevant experience and knowledge, unless under the supervision or guidance of a guardian to ensure their safe use of the product.
  9. For duct fans and partition fans, special attention must be paid to prevent gas from flowing back into the room from open air ducts and other fuel-burning equipment.
  10. Before using or maintaining the product, please read the instruction manual carefully and keep it properly for future reference.
- Notes:

1. Failure to comply with the contents of this instruction manual may cause loss, personal injury or death.
2. Users shall test the operation of the equipment immediately after installation to avoid damage caused during transportation, which may affect the normal use of the product.

Warning: The power socket must be reliably grounded before power-on and use. It is strictly prohibited to use the product without reliable grounding. If this product is installed in a concealed way in the ceiling, the size of the openable or movable part under the installation position of the ceiling shall be larger than that of this product to facilitate future repair or replacement of the product. It is recommended to use an integrated ceiling for the ceiling at the product installation position. Our company shall not be liable for any consequences if the maintenance opening is not reserved in accordance with this instruction manual.

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### Dimension



Unit(mm)

External Dimensions Table

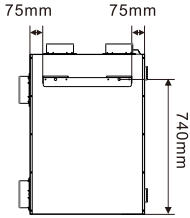
| Model    | A   | B   | C   | φD  | G   | H   | I   |
|----------|-----|-----|-----|-----|-----|-----|-----|
| RC2.350E | 695 | 405 | 940 | 150 | 585 | 630 | 880 |

### Performance parameters

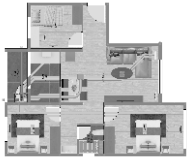
| Model          | Voltage      | Max.Air Volume(m³/h) | Max. Power(W) | Rated Air Volume(m³/h) |
|----------------|--------------|----------------------|---------------|------------------------|
| RC2.350E       | 220V~ 50Hz   | 580                  | 335           | 350                    |
| Rated Power(W) | Noise(dB(A)) | Weight(kg)           | Filter Model  |                        |
| 98             | 36           | 48                   | F1134         |                        |

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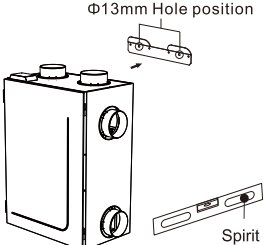
Installation



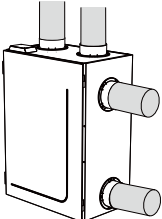
1. Determine the installation position of the machine (pay attention to the distance between the mounting bracket and the machine around to ensure that the machine has sufficient installation space). Choose a special drill bit with a diameter of 12mm to make holes, and use expansion screws to fix the mounting bracket.



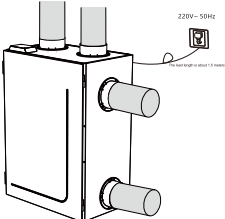
2. Arrange the pipeline according to the design plan.



3. Snap the machine onto the mounting bracket from top to bottom to ensure that it is in place and that the machine does not shake.



4. Connect top air ducts



5. Connect the machine according to the wiring diagram

Note: To ensure proper access for repair and maintenance of the entire unit, the following must be observed

1. No obstacles are allowed within 650mm directly in front of the unit.

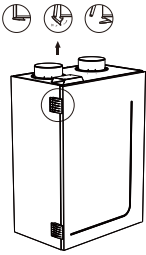
2. A 100mm clearance must be reserved for the wall edge covering to ensure the door panel can open normally.

Filter introduction

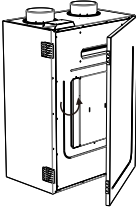
| Name                       | Class | Quantity | Maintenance method | Maintenance period |
|----------------------------|-------|----------|--------------------|--------------------|
| Coarse filter              | G4    | 2        | Replace            | 6 months           |
| Sub-high efficiency filter | H11   | 1        | Replace            | 6 months           |

Coarse filter: effectively block particles greater than PM10.  
Sub-high efficiency filter: effectively filter PM2.5 particles.

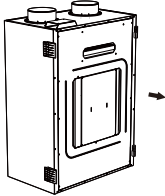
Filter replacement



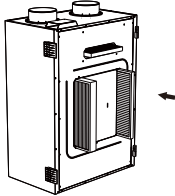
1. Open the door panel according to the diagram.



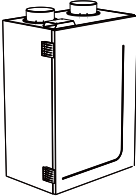
2. Open the door panel in the direction shown in the figure.



3. Take out the filter in the direction indicated in the diagram.



4. Put the replaced filters into the corresponding slots.



5. Close the door panel.