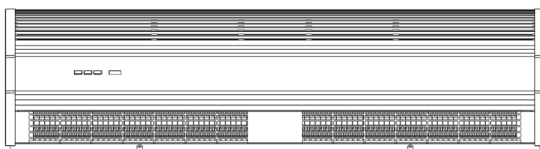


Heating Air Curtain



Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and other by observing all safety information.

Failure to comply with these instructions could result in personal injury and/or property damage.

Retain these instructions for future reference.

A5 Series

RM-1209M-3D/Y

RM-1215M-3D/Y

RM-1212M-3D/Y

RM-1218M-3D/Y



OVERVIEW

Adopting the asynchronous motor to urge, the long and thin shape of driving the appearance to be well-balanced passes through and flows the leaf of the fan to rotate, component in the air outlet is high-efficient the security surface PTC with electricity generate heat. Exchange through infrared ray remote controller contactor is it control electrical machinery and PTC generate heat the component to come. Must start order PTC generate heat component is it work to begin generate heat component lose electrical power 1min stop the air blower automatically in PTC after the air blower first. In order to prevent not working normally electrical machinery and PTC generate heat the component have heat protecting devices.

The wind curtain machine form the air curtain wall in specific area (such as the gate), while separating other air is mixed reduces hotly and exchanges dustproof antipollution defends the efficiency such as mosquito and flies etc. suitable for installing it above the entrances and exits such as market hotel meeting room theater office operating room etc. apply to the trades such as electron instrument pharmacy food accurate processing medical treatment etc xtensively.

Use environment:

The environment should not have corrosive gas.

The temperature within the range of 5°C~40°C

The relative humidity should not be more than90% (at25°C)

INSTALLATION

Typical Mounting-Wall or Ceiling Mounted Horizontally Above the Door Opening

1. Gently remove all packaging aterials hardware and all other accessories from interior of unit prior to operating. Severe unit damage will occur if these

items are not removed prior to operation.

2. Lay unit on its top with directional vanes pointing up and remove the tightening screws from the wall mounting plate, just behind the discharge nozzle, and remove the mounting plate from the unit. (PIC1) Measure the mounting plate and center it over the opening. The air curtain shall be equal to or greater than the width of the opening.

3. Install the mounting plate above the opening. (PIC2)

4. Align the tabs on the rear of the unit with the slots provided on the wall mounting plate. The bottom flange on the unit must also drop in the bottom channel of the wall mounting plate. Replace the tightening screws to secure the unit in place.(PIC3)

5. Mount the product such that the discharge is 3CM above the opening and all obstacles.

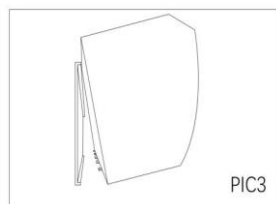
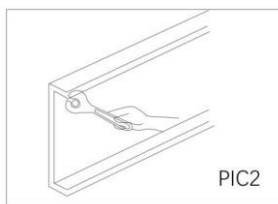
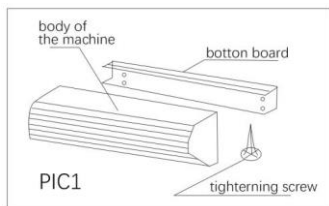
6. If applicable, optional Adjustable Mounting Brackets, Side Extension Plates and Extended Wall Mounted Brackets are also available for installations over a Vertical Lift or Drum Roll-up type door.

7. If applicable, for tandem installation or products mounted side by side, allow no more than 15cm between the two products.

8. All wires must be connected internal of the unit and some knockouts are provided. However, it may be necessary to create your own knockout, as required.

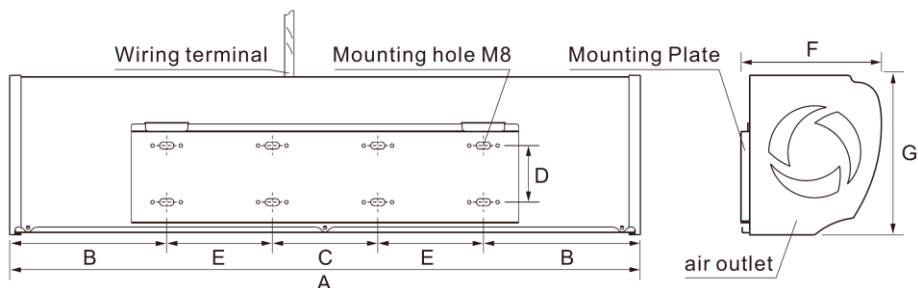
9. The unit and any optional accessories must be wired with the proper voltage to the junction box per the wiring diagram.(PIC3-1,PIC3-2,PIC3-3)

10. If magnet switch is needed, please hide the wire in the wall or cover the tube,make sure it is not exposed.

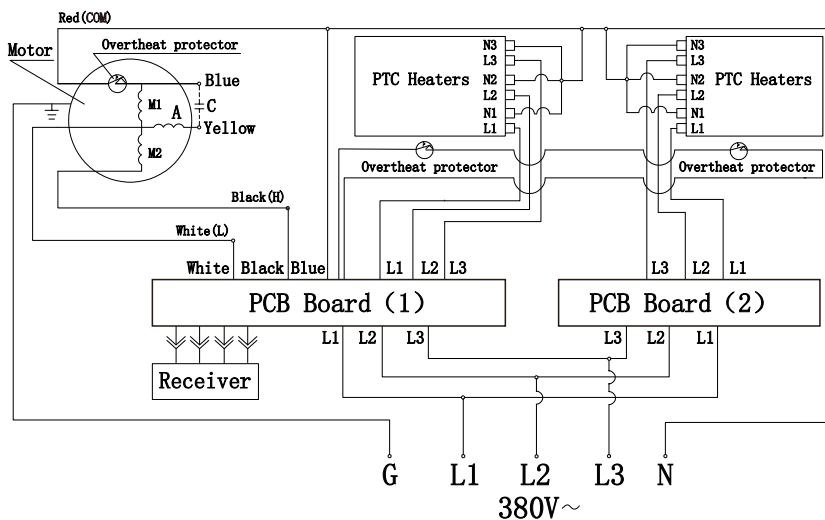


11. add clamp screw on this machine bottom board for the selected optimum

consumer installation hole comes loose separate bottom board from the box out in the body , already having set up on bottom board having assembling a hole. Location must accurate and solid assemble method time installation as follows:

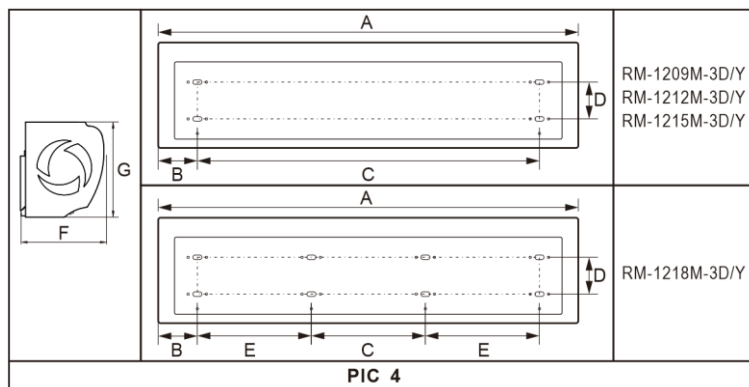


Wiring diagram



Installation sizes

The external dimensions and install the size: (mm)



| MODEL | A | B | C | D | E | F | G |
|---------------|------|-----|-----|----|-----|-----|-----|
| RM-1209M-3D/Y | 900 | 272 | 448 | 80 | - | 199 | 226 |
| RM-1212M-3D/Y | 1200 | 221 | 448 | 80 | - | 199 | 226 |
| RM-1215M-3D/Y | 1500 | 371 | 750 | 80 | - | 199 | 226 |
| RM-1218M-3D/Y | 1800 | 293 | 402 | 80 | 402 | 199 | 226 |

The technology parameter

| Item Model | Voltage (V) | Frequency (Hz) | Input Power (w) | Air Flow (m³/h) | Speed (m/s) | Noise (dB) | N.W (kg) | UNIT Size (mm) | Heater Power (kw) |
|---------------|----------------|-------------------|-----------------------|--------------------|----------------|---------------|-------------|-------------------|-------------------------|
| RM-1209M-3D/Y | 380 | 50 | 150 | 950 | 6-7 | 54 | 16.5 | 900*198*225 | 6 |
| RM-1212M-3D/Y | | | 180 | 1400 | 6-7 | 54 | 23.5 | 1200*198*225 | 8 |
| RM-1215M-3D/Y | | | 200 | 1750 | 6-7 | 55 | 28.5 | 1500*198*225 | 10 |
| RM-1218M-3D/Y | | | 250 | 2000 | 6-7 | 57 | 30.0 | 1800*198*225 | 12 |

WARNING

To reduce the risk of fire, electric shock or injury to persons, observe the following.

- A. Always disconnect, lock and tag power source before installing or servicing product.
- B. Installation work or electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- C. The combustion airflow needed for safe operation of fuel burning equipment in the area may be affected by the product's operation. Follow the heating equipment manufacturer's guideline and safety standards.
- D. When cutting or drilling into a wall or ceiling, be careful not to damage electrical wiring and other hidden utilities.

INTENANCE

To reduce the risk of fire, electrical shock or injury to persons, observe the following:

- A. Maintenance is to be performed only by qualified personnel who are familiar with local codes and regulations and are experienced with this type of product.
- B. Before servicing or cleaning the product switch power off at service panel and lock service panel to prevent power from being switched "ON" accidentally.

Routine maintenance is required to keep this product operating at its peak performance and efficiency. Over time, the housing, air intake grille, air intake filter, blower wheels and motor(s) will accumulate a build up of dust, debris and other residue. It is imperative to keep these components clean. Failure to do so will not only lower operational efficiency and performance, but also reduce the useful life of the product. The time between cleanings depends on the application, location and daily hours of use. On average, under normal use conditions, the product should require a thorough cleaning once every six (6) months.

To clean the product, perform the following:

1. Verify the product has been disconnected from the power source.
2. Use a damp cloth and either a warm mild soapy water solution or bio-degradable degreaser, to wipe down the exterior components of the housing.
3. To access the interior of the product, remove the air intake grille(s) and/or air intake filter(s). This is accomplished by removing the screws on the face of the air intake grille(s)/filter(s).
4. Thoroughly clean the air intake grille(s)/filter(s).
5. Thoroughly wipe down the motor, blower wheels and blower wheel housings. Be careful not to spray the motor with a water hose.
6. The motor(s) require no additional lubrication. They are permanently lubricated and feature double sealed ball bearings.
7. To re-install the product, reverse the procedures above.
8. Reconnect the power source to the product.
9. If you have any questions regarding the maintenance of the product, contact the manufacturer.

