Please read this operation manual before using the air conditioner. Keep this operation manual for future reference. This appliance is filled with R32.
WARNING:

- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance must be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.
- The appliance must be installed, operated and stored in a room with a floor area larger than 3 m².
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The wiring method should be in line with the local wiring standard.
- All the cables shall have got the European authentication certificate. During installation, when the connecting cables break off, it must be assured that the grounding wire is the last one to be broken off. The explosion-proof breaker of the air conditioner should be all-pole switch. Distance between its two contacts should not be no less than 3mm. Such means for disconnection must be incorporated in the wiring.
- Make sure installation is done according to local wiring regulation by professional persons.
- Make sure ground connection is correct and reliable. A leakage explosion-proof breaker must be installed.
- Do not use a refrigerant other than the one indicated on the outdoor unit (R32) when installing, moving or repairing. Using other refrigerants may cause trouble or damage to the unit, and personal injury.
- The type of connecting wire is H07RN-F.
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARTS AND FUNCTIONS</td>
<td>1</td>
</tr>
<tr>
<td>OPERATION</td>
<td>2</td>
</tr>
<tr>
<td>INDOOR UNIT INSTALLATION</td>
<td>5</td>
</tr>
<tr>
<td>MAINTENANCE</td>
<td>8</td>
</tr>
<tr>
<td>CAUTIONS</td>
<td>9</td>
</tr>
<tr>
<td>TROUBLE SHOOTING</td>
<td>10</td>
</tr>
</tbody>
</table>
### Indoor Unit

#### Display board
- **Remote signal receiver**
  - (A beeping sound is generated when a signal from remote controller is received.)
- **Power indicator**
  - (Lights up when unit starts.)
- **Timer mode indicator**
  - (Lights up when timer operation is selected.)
- **Operation mode indicator**
  - (Lights up when the compressor is on.)
- **WIFI**

- **Actual inlet grille may vary from the one shown in the manual according to the product purchased**

### Outdoor Unit

1. **OUTLET**
2. **CONNECTING PIPING AND ELECTRICAL WIRING**
3. **INLET**
4. **DRAIN HOSE**

Please be subject to the actual product purchased the above picture is just from your reference.

### Remote controller

1. **Mode display**
2. **Signal sending display**
3. **SWING display**
4. **FAN SPEED display**
5. **LOCK display**
6. **TIMER OFF display**
7. **TEMP display**
8. **Additional functions display**
9. **QUIET button**
10. **HEAT button**
11. **COOL button**
12. **AUTO button**
13. **FAN SPEED button**
14. **TIMER button**
15. **HEALTH button**
16. **LOCK button**
17. **LIGHT button**
18. **POWER ON/OFF button**
19. **DRY button**
20. **TEMP button**
21. **SWING button**
22. **HOUR button**
23. **EXTRA FUNCTION button**
24. **CANCEL/CONFIRM button**

Function: Sleeping→Healthy airflow position 1→Healthy airflow position 2→Power→A-B yard→Left and right air flow

Additional functions display

1. **Operation mode indicator**
2. **Remote controller**
3. **Power indicator**
4. **WIFI**

### Loading of the battery

1. Remove the battery cover;
2. Load the batteries as illustrated.
3. Be sure that the loading is in line with the "+" and "−";
4. Load the battery, then put on the cover again.

Note:
- The distance between the signal transmission head and the receiver hole should be within 7m without any obstacle as well.
- When electronic-started type fluorescent lamp or change-over type fluorescent lamp or wireless telephone is installed in the room, the receiver is apt to be disturbed in receiving the signals, so the distance to the indoor unit should be shorter.
- Full display or unclear display during operation indicates the batteries have been used up. Please change batteries.
- If the remote controller can’t run normally during operation, please remove the batteries and reload several minutes later.

Hint:
Remove the batteries in case won’t be in use for a long period. If there is any display after taking-out, just press reset key.
## Operation

### Base Operation

1. **Unit start**
   - Press ON/OFF on the remote controller, unit starts.

2. **Select operation mode**
   - COOL button: Cooling mode
   - HEAT button: Heating mode
   - DRY button: Dehumidify mode

3. **Select temp. setting**
   - Press \( \text{TEMP}^+ \) button
   - \( \text{TEMP}^- \) button
   - Every time the button is pressed, temp. setting increases 1°C, if kept depressed, it will increase rapidly
   - Every time the button is pressed, temp. setting decreases 1°C, if kept depressed, it will decrease rapidly
   - Select a desired temperature.

4. **Fan speed selection**
   - Press FAN button. For each press, fan speed changes as follows:
     - Remote controller:
       - LOW
       - MED
       - HI
       - AUTO

   Air conditioner is running under displayed fan speed. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.

### Emergency operation and test operation

- **Emergency Operation:**
  - Use this operation only when the remote controller is defective or lost, and with function of emergency running, air conditioner can run automatically for a while.
  - When the emergency operation switch is pressed, the "Pi" sound is heard once, which means the start of this operation.
  - When power switch is turning on for the first time and emergency operation starts, the unit will run automatically in the following modes:

<table>
<thead>
<tr>
<th>Room temperature</th>
<th>Designated temperature</th>
<th>Timer mode</th>
<th>Fan speed</th>
<th>Operation mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Above 23°C</td>
<td>26°C</td>
<td>No</td>
<td>AUTO</td>
<td>COOL</td>
</tr>
<tr>
<td>Below 23°C</td>
<td>23°C</td>
<td>No</td>
<td>AUTO</td>
<td>HEAT</td>
</tr>
</tbody>
</table>

- It is impossible to change the settings of temp. and fan speed. It is also not possible to operate in timer or dry mode.

- **Test operation:**
  - Test operation switch is the same as emergency switch.
  - Use this switch in the test operation when the room temperature is below 16°C, do not use it in the normal operation.
  - Continue to press the test operation switch for more than 5 seconds. After you hear the "Pi" sound twice, release your finger from the switch: the cooling operation starts with the air flow speed "HI".
  - Under this operation mode, the fan motor of indoor unit will run in high speed.

### Air Flow Direction Adjustment

- **1. Vertical flap**
  - Pos.1
  - Pos.2
  - Pos.3
  - Pos.4 (Autoswing)
  - Pos.5 (no)

- **2. Press** button. changes as follows: Pos.4
- **Press** button again, vertical flap will stop over present position, the swing function will be cancelled.

- **3. Press** button to choose the Pos.2 and Pos.3.

- **4. Left and right air flow adjustment (manual)**
  - Move the vertical blade by a knob on air conditioner to adjust left and right direction referring to Fig.

- When adjusting the flap by hand, turn off the unit.
- When humidity is high, condensate water might occur adjusted to left or at air outlet if all vertical louvers are right.
- It is advisable not to keep horizontal flap at downward position for a long time in COOL or DRY mode, otherwise, condensate water might occur.

### Table

<table>
<thead>
<tr>
<th>Operation Mode</th>
<th>Remote Controller</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO</td>
<td></td>
<td>Under the mode of auto operation, air conditioner will automatically select Cool or Heat operation according to room temperature. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.</td>
</tr>
<tr>
<td>COOL</td>
<td></td>
<td>Cooling only unit do not have displays and functions related with heating.</td>
</tr>
<tr>
<td>DRY</td>
<td></td>
<td>In DRY mode, when room temperature becomes lower than temp. setting+2°C, unit will run intermittently at LOW speed regardless of FAN setting.</td>
</tr>
<tr>
<td>HEAT</td>
<td></td>
<td>In HEAT mode, warm air will blow out after a short period of time due to cold-draft prevention function. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.</td>
</tr>
<tr>
<td>FAN</td>
<td></td>
<td>In FAN operation mode, the unit will not operate in COOL or HEAT mode but only in FAN mode. Auto is not available in FAN mode. And temp. setting is disabled. In FAN mode, sleep operation is not available.</td>
</tr>
</tbody>
</table>

Note:
- When restart after remote turning off, the remote controller controller will automatically memorize the previous set swing position.
**Operation**

### Sleep Operation

Press **QUIET** button to enter additional options, when cycle display to ☪, ☪ will flash. And then press **COMFORT** button to enter sleep function.

#### Operation Mode

1. **In COOL, DRY mode**
   - 1 hour after SLEEP mode starts, temp. will become 1°C higher than temp. setting. After another 1 hour, temp. rises by 1°C further. The unit will run for further 6 hours then stops. Temp. is higher than temp. setting so that room temperature won't be too low for your sleep.

   ![Sleep Operation Diagram](image)

2. **In HEAT mode**
   - 1 hour after SLEEP mode starts, temp. will become 2°C lower than temp. setting. After another 1 hour, temp. decreases by 2°C further. After another additional 3 hours, temp. rises by 1°C further. The unit will run for further 3 hours then stops. Temp. is lower than temp. setting so that room temperature won't be too high for your sleep.

   ![Sleep Operation Diagram](image)

3. **In AUTO mode**
   - The unit operates in corresponding sleep mode adapted to the automatically selected operation mode.

4. **In FAN mode**
   - It has no SLEEP function.

5. **Set the wind speed change when sleeping**
   - If the wind speed is high or middle before setting for the sleep, set for lowering the wind speed after sleeping. If it is low wind, no change.

#### Note

When TIMER function is set, the sleeping function can't be set up. If the sleeping function is set up, after the function is set up, if user resets TIMER function, the sleeping function will be cancelled; the machine will be in the state of timing-on.

### POWER/QUIET Operation

1. **POWER Operation**
   - When you need rapid heating or cooling, you can use this function.
   - Press **FUNCTION** button to enter additional options, when cycle display to ❀, ❀ will flash, and then press ❀, enter to power function. When cancel the function, please enter additional options again and to cancel power function.

2. **QUIET Operation**
   - You can use this function when silence is needed for rest or reading.
   - Press QUIET button, the remote controller will show ❀, and then achieve to the quiet function. Press again this QUIET button, the quiet function will be cancelled.

#### Note:

During POWER operation, in rapid HEAT or COOL mode, the room will show inhomogeneous temperature distribution. Long period QUIET operation will cause effect of not too cool or not too warm.

### HEALTH Operation

(This function is unavailable on some models.)

Press HEALTH button, the remote controller will show ❀, and then achieve to the health function. Press again this HEALTH button, the health function will be cancelled.

The anion generator in the airconditioner can generate a lot of anion effectively balance the quantity of position and anion in the air and also to kill bacteria and speed up the dust sediment in the room and finally clean the air in the room.

---

*Image not visible in the text.*
Operation

Timer On/Off  On-Off Operation

1. After unit starts, select your desired operation mode.
2. Press TIMER button to change TIMER mode. Every time the button is pressed, display changes as follows:
   - Remote controller:
     - Press the button for each time, setting time in the first 12 hours increased by 0.5 hour every time, after 12 hours, increased by 1 hour every time.
     - Press the button for each time, setting time in the first 12 hours decreased by 0.5 hour every time, after 12 hours, decreased by 1 hour every time.
   - It can be adjusted within 24 hours.
3. Confirm timer setting
   - After adjust the time, press button and confirm the time ON or OFF button will not flash any more.
   - Cancel timer setting
   - Press the timer button by times until the time display eliminated.

Hints:
- After replacing batteries or a power failure happens, time setting should be reset.

Healthy airflow Operation

1. Press button to starting
   Setting the comfort work conditions.
2. The setting of healthy airflow function
   - Press button to enter additional options, Press this button continuously, the louvers location will cycle between in the following three locations, to choose the swing location what you needed, and then press button to confirm.
3. The cancel of the healthy airflow function
   - Press button to enter additional options, Press this button continuously, the louvers location will cycle between in the following three locations again, and then press button to cancel.

Notice: Do not direct the flap by hand. Otherwise, the grille will run incorrectly. If the grille is not run correctly, stop for a minute and then start, adjusting by remote controller.

Note:
- After setting the healthy airflow function, the position grill is fixed.
- In heating, it is better to select the mode.
- In cooling, it is better to select the mode.
- In cooling and dry, using the air conditioner for a long time under the high air humidity, condensate water may occur at the grille.

European Regulations Conformity for the Models

Climate: T1  Voltage: 230V

CE
All the products are in conformity with the following European provision:
- 2014/53/EU(RED)
- 2014/517/EU(F-GAS)
- 2010/30/EU(ENERGY)
- 2009/125/EC(ENERGY)
- 2006/1907/EC(REACH)

ROHS
The products are fulfilled with the requirements in the directive 2011/65/EU of the European parliament and of council on the Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment (EU RoHS Directive)

WEEE
In accordance with the directive 2012/19/EU of the European parliament, herewith we inform the consumer about the disposal requirements of the electrical and electronic products.

Disposal Requirements:
- Your air conditioning product is marked with this symbol. This means that electrical and electronic products shall not be mixed with unsorted household waste. Do not try to dismantle the system yourself: the dismantling of the air conditioning system, treatment of the refrigerant, of oil and of other part must be done by a qualified installer in accordance with relevant local and national legislation. Air conditioners must be treated at a specialized treatment facility for reuse, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. Please contact the installer or local authority for more information.
- Battery must be removed from the remote controller and disposed of separately in accordance with relevant local and national legislation.

WIFI
- Wireless maximum transmit power (20dBm)
- Wireless operating frequency range (2400~2483.5MHz)

Important Information Regarding the Refrigerant Used

This product contains fluorinated greenhouse gases covered by the Kyoto Protocol. Do not vent into the atmosphere.
Refrigerant type: R32
GWP*: value: 675
GWP = global warming potential
Please fill in with indelible ink,
- 1  The factory refrigerant charge of the product
- 2  The additional refrigerant amount charged in the field and
- 1+2 The total refrigerant charge
on the refrigerant charge label supplied with the product.
The filled out label must be adhered in the proximity of the product charging port (e.g. onto the inside of the stop value cover).

A  contains fluorinated greenhouse gases covered by the Kyoto Protocol
B  factory refrigerant charge of the product: see unit name plate
C  additional refrigerant amount charged in the field
D  total refrigerant charge
E  outdoor unit
F  refrigerant cylinder and manifold for charging
Indoor Unit Installation

Necessary Tools for Installation
- Driver
- Nipper
- Hacksaw
- Hole core drill
- Spanner (17,19 and 26mm)
- Gas leakage detector or soap-and-water solution
- Torque wrench (17mm,22mm,26mm)
- Pipe cutter
- Flaring tool
- Knife
- Measuring tape
- Reamer

Power Source
- Before inserting power into receptacle, check the voltage without fail.
- The power supply is the same as the corresponding nameplate.
- Install an exclusive branch circuit of the power.
- A receptacle shall be set up in a distance where the power cable can be reached. Do not extend the cable by cutting it.

Selection of Installation Place
- Place, robust not causing vibration, where the body can be supported sufficiently.
- Place, not affected by heat or steam generated in the vicinity, where inlet and outlet of the unit are not disturbed.
- Place, possible to drain easily, where piping can be connected with the outdoor unit.
- Place, where cold air can be spread in a room entirely.
- Place, nearby a power receptacle, with enough space around.
- Place where the distance of more than 1m from televisions, radios, wireless apparatuses and fluorescent lamps can be left.
- In the case of fixing the remote controller on a wall, place where the indoor unit can receive signals when the fluorescent lamps in the room are lightened.

Drawing for the installation of indoor units

The models adopt HFC free refrigerant R32

The distance between the indoor unit and the floor should be more than 2m. Please be subject to the actual product purchased, the above picture is just for your reference.

⚠️ If using the left side drain pipe, make sure the hole is got through.
Indoor Unit Installation

1. Fitting of the Mounting Plate and Positioning of the Wall Hole

   **When the mounting plate is first fixed**

   1. Carry out, based on the neighboring pillars or lintels, a proper leveling for the plate to be fixed against the wall, then temporarily fasten the plate with one steel nail.
   2. Make sure once more the proper level of the plate, by hanging a thread with a weight from the central top of the plate, then fasten securely the plate with the attachment steel nail.
   3. Find the wall hole location A/C using a measuring tape.

   ![Diagram](image1.png)

   

   **Fix to side bar and lintel a mounting bar, which is separately sold, and then fasten the plate to the fixed mounting bar.**

   **Refer to the previous article, “When the mounting plate is first fixed”, for the position of wall hole.**

   ![Diagram](image2.png)

2. Making a Hole on the Wall and Fitting the Piping Hole Cover

   **Make a hole of 60 mm in diameter, slightly descending to outside the wall.**

   **Install piping hole cover and seal it off with putty after installation.**

   ![Diagram](image3.png)

3. Installation of the Indoor Unit

   **Drawing of pipe**

   ![Diagram](image4.png)

   **[Rear piping]**

   *Draw pipes and the drain hose, then fasten them with the adhesive tape.*

4. Connecting the Indoor/Outdoor Electric Cable

   **Removing the wiring cover**

   *Remove terminal cover at right bottom corner of the indoor unit, then take off wiring cover by removing its screws.*

5. Unloading of Indoor Unit Body

   **When you unload the indoor unit, please use your hand to arise the body to leave agraffe, then lift the bottom of the body outward slightly and lift the unit aslant until it leaves the mounting plate.**

   ![Diagram](image5.png)

   **Hang surely the unit body onto the upper notches of the mounting plate. Move the body from side to side to verify its secure fixing.**

   **In order to fix the body onto the mounting plate, hold up the body aslant from the underside and then put it down perpendicularly.**

   ![Diagram](image6.png)

   **Indoor/outdoor electric cable and drain hose must be bound with refrigerant piping by protecting tape.**

   **[Other direction piping]**

   *Cut away, with a nippers, the lid for piping according to the piping direction and then bend the pipe according to the position of wall hole. When bending, be careful not to crash pipes.**

   *Connect beforehand the indoor/outdoor electric cable, and then pull out the connected to the heat insulation of connecting part specially.*

   ![Diagram](image7.png)

   **Fixing the indoor unit body**

   *Hang surely the unit body onto the upper notches of the mounting plate. Move the body from side to side to verify its secure fixing.*

   *In order to fix the body onto the mounting plate, hold up the body aslant from the underside and then put it down perpendicularly.*

   ![Diagram](image8.png)
When connecting the cable after installing the indoor unit

1. Insert from outside the room cable into left side of the wall hole, in which the pipe has already existed.
2. Pull out the cable on the front side, and connect the cable making a loop.

When connecting the cable before installing the indoor unit

- Insert the cable from the back side of the unit, then pull it out on the front side.
- Loosen the screws and insert the cable ends fully into terminal block, then tighten the screws.
- Pull the cable slightly to make sure the cables have been properly inserted and tightened.
- After the cable connection, never fail to fasten the connected cable with the wiring cover.

### Connecting wiring

| Connecting wiring | 4G1.0mm² |

#### Power Source Installation

- The power source must be exclusively used for air conditioner.
- In the case of installing an air conditioner in a moist place, please install an earth leakage breaker.
- For installation in other places, use a circuit breaker as far as possible.

#### Cutting and Flaring Work of Piping

- Pipe cutting is carried out with a pipe cutter and burs must be removed.
- After inserting the flare nut, flaring work is carried out.

### Diagrams

- [Diagram of cable connection](image1)
- [Diagram of cable insertion](image2)

### Notes

When connecting the cable, confirm the terminal number of indoor and outdoor units carefully. If wiring is not correct, proper operation cannot be carried out and will cause defect.

On Drainage

- Please install the drain hose so as to be downward slope without fail.
- Please don't do the drainage as shown below.

<table>
<thead>
<tr>
<th>Correct</th>
<th>Incorrect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lean</td>
<td>Damage of flare</td>
</tr>
</tbody>
</table>

### On Drainage

- Please pour water in the drain pan of the indoor unit, and confirm that drainage is carried out surely to outdoor.
- In case that the attached drain hose is in a room, please apply heat insulation to it without fail.

#### Table: Code indication, Trouble description, Analyze and diagnose

<table>
<thead>
<tr>
<th>Code indication</th>
<th>Trouble description</th>
<th>Analyze and diagnose</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1</td>
<td>Room temperature sensor failure</td>
<td>Faulty connector connection; Faulty thermistor; Faulty PCB;</td>
</tr>
<tr>
<td>E2</td>
<td>Heat-exchange sensor failure</td>
<td>Faulty EEPROM data; Faulty EEPROM; Faulty PCB;</td>
</tr>
<tr>
<td>E4</td>
<td>Indoor EEPROM error</td>
<td>Indoor unit-outdoor unit signal transmission error due to wiring error; Faulty PCB;</td>
</tr>
<tr>
<td>E7</td>
<td>Communication fault between indoor and outdoor units</td>
<td>Operation halt due to breaking of wire inside the fan motor; Operation halt due to breaking of the fan motor lead wires; Detection error due to faulty indoor unit PCB;</td>
</tr>
<tr>
<td>E14</td>
<td>Indoor fan motor malfunction</td>
<td></td>
</tr>
</tbody>
</table>

Check for Installation and Test Run

- Please kindly explain to our customers how to operate through the instruction manual.

#### Check Items for Test Run

- [ ] Gas leak from pipe connecting?
- [ ] Heat insulation of pipe connecting?
- [ ] Are the connecting wirings of indoor and outdoor firmly inserted to the terminal block?
- [ ] Is the connecting wiring of indoor and outdoor firmly fixed?
- [ ] Is drainage securely carried out?
- [ ] Is the earth line securely connected?
- [ ] Is the indoor unit securely fixed?
- [ ] Is power source voltage abided by the code?
- [ ] Is there any noise?
- [ ] Is the lamp normally lighting?
- [ ] Are cooling and heating (when in heat pump) performed normally?
- [ ] Is the operation of room temperature regulator normal?
Maintenance

For Smart Use of The Air Conditioner

<table>
<thead>
<tr>
<th>Setting of proper room temperature</th>
<th>Do not block the air inlet or outlet</th>
<th>Remote Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper temperature</td>
<td></td>
<td>Do not use water; wipe the controller with a dry cloth. Do not use glass cleaner or chemical cloth.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Close doors and windows during operation</th>
<th>Use the timer effectively</th>
<th>Indoor Body</th>
</tr>
</thead>
<tbody>
<tr>
<td>During cooling operation prevent the penetration of direct sunlight with curtain or blind</td>
<td></td>
<td>wipe the air conditioner by using a soft and dry cloth. For serious stains, use a neutral detergent diluted with water. Wipe the water out of the cloth before wiping, then wipe off the detergent completely.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>If the unit is not to be used for a long time, turn off the power supply main switch.</th>
<th>Use the louvers effectively</th>
<th>Do not use the following for cleaning</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Gasoline, benzine, thinner or cleanser may damage the coating of the unit.</td>
</tr>
</tbody>
</table>

Replacement of Air Purifying Filter

1. Open the Inlet Grille
   Prop up the inlet grille by using a small device named grille-support which located in the right side of the indoor unit.

2. Detach the standard air filter
   Slide the knob slightly upward to release the filter, then withdraw it.

3. Attach Air Purifying Filter
   Put air purifying filter appliances into the right and left filter frames.

4. Attach the standard air filter
   (Necessary installation)
   **ATTENTION:**
   The white side of the photocatalyst air purifying filter face outside, and the black side face the unit. The green side of the bacteria-killing medium air purifying filter face outside, and the white side face the unit.

5. Close the Inlet Grille
   Close the Grille surely

**NOTE:**
- The photocatalyst air purifying filter will be solarized in fixed time. In normal family, it will be solarized every 6 months.
- The bacteria-killing medium air purifying filter will be used for a long time, no need for replacement. But in the period of using them, you should remove the dust frequently by using vacuum cleaner or flapping them lightly, otherwise, its performance will be affected.
- Please keep the bacteria-killing medium air purifying filter in the cool and dry conditions avoid long time directly sunshine when you stop using it, or its ability of sterilization will be reduced.
## Cautions

### WARNING

Please call Sales/Service Shop for the Installation.
Do not attempt to install the air conditioner by yourself because improper works may cause electric shock, fire, water leakage.

<table>
<thead>
<tr>
<th>Cautions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WARNING</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>When abnormality such as burnt-small found, immediately stop the operation button and contact sales shop.</td>
</tr>
<tr>
<td>Use an exclusive power source with a circuit breaker</td>
</tr>
<tr>
<td>Check proper installation of the drainage securely</td>
</tr>
<tr>
<td>Connect power supply cord to the outlet completely</td>
</tr>
<tr>
<td>Use the proper voltage</td>
</tr>
<tr>
<td><strong>1.</strong> Do not use power supply cord extended or connected in halfway</td>
</tr>
<tr>
<td><strong>2.</strong> Do not install in the place where there is any possibility of inflammable gas leakage around the unit.</td>
</tr>
<tr>
<td><strong>3.</strong> Do not get the unit exposed to vapor or oil steam.</td>
</tr>
<tr>
<td><strong>3.</strong> Do not place animals or plants in the direct path of the air flow</td>
</tr>
<tr>
<td>Do not start or stop the operation by disconnecting the power supply cord and so on.</td>
</tr>
<tr>
<td>Take care not to damage the power supply cord.</td>
</tr>
<tr>
<td>Do not channel the air flow directly at people, especially at infants or the aged.</td>
</tr>
<tr>
<td>Do not try to repair or reconstruct by yourself.</td>
</tr>
</tbody>
</table>

### CAUTION

<table>
<thead>
<tr>
<th>Cautions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PROHIBITION</strong></td>
</tr>
<tr>
<td><strong>CAUTION</strong></td>
</tr>
<tr>
<td>Do not use for the purpose of storage of food, art work, precise equipment, breeding, or cultivation.</td>
</tr>
<tr>
<td>Take fresh air occasionally especially when gas appliance is running at the same time.</td>
</tr>
<tr>
<td>Do not operate the switch with wet hand.</td>
</tr>
<tr>
<td><strong>PROHIBITION</strong></td>
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<tr>
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<tr>
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</tr>
<tr>
<td>Do not install the unit near a fireplace or other heating apparatus.</td>
</tr>
<tr>
<td>Check good condition of the installation stand</td>
</tr>
<tr>
<td>Do not pour water onto the unit for cleaning</td>
</tr>
<tr>
<td><strong>PROHIBITION</strong></td>
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<tr>
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</tr>
<tr>
<td>Do not place any objects on or climb on the unit.</td>
</tr>
<tr>
<td>Do not place flower vase or water containers on the top of the unit.</td>
</tr>
</tbody>
</table>
## Trouble shooting

Before asking for service, check the following first.

<table>
<thead>
<tr>
<th>Phenomenon</th>
<th>Cause or check points</th>
</tr>
</thead>
</table>
| **The system does not restart immediately.** | - When unit is stopped, it won't restart immediately until 3 minutes have elapsed to protect the system.  
- When the electric plug is pulled out and reinserted, the protection circuit will work for 3 minutes to protect the air conditioner. |
| **Noise is heard** | - During unit operation or at stop, a swishing or gurgling noise may be heard. At first 2-3 minutes after unit start, this noise is more noticeable. (This noise is generated by refrigerant flowing in the system.)  
- During unit operation, a cracking noise may be heard. This noise is generated by the casing expanding or shrinking because of temperature changes.  
- Should there be a big noise from air flow in unit operation, air filter may be too dirty. |
| **Smells are generated.** | - This is because the system circulates smells from the interior air such as the smell of furniture, paint, cigarettes. |
| **Mist or steam are blown out.** | - During COOL or DRY operation, indoor unit may blow out mist. This is due to the sudden cooling of indoor air. |
| **In dry mode, fan speed can’t be changed.** | - In DRY mode, when room temperature becomes lower than temp. setting+2℃,unit will run intermittently at LOW speed regardless of FAN setting. |
| **Multiple check** | - Is power plug inserted?  
- Is there a power failure?  
- Is fuse blowout?  
- Is the air filter dirty? Normally it should be cleaned every 15 days.  
- Are there any obstacles before inlet and outlet?  
- Is the temperature set correctly?  
- Are there some doors or windows left open?  
- Is there any direct sunlight through the window during the cooling operation? (Use curtain)  
- Are there too much heat sources or too many people in the room during cooling operation? |

## Cautions

- Do not obstruct or cover the ventilation grille of the air conditioner. Do not put fingers or any other things into the inlet/outlet and swing louver.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

### Specifications
- The refrigerating circuit is leak-proof.

### The machine is adaptive in following situation

#### 1. Applicable ambient temperature range:

<table>
<thead>
<tr>
<th></th>
<th>Indoor</th>
<th>Outdoor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum: D.B/W.B</td>
<td>32℃/23℃</td>
<td>24℃/18℃</td>
</tr>
<tr>
<td>Minimum: D.B/W.B</td>
<td>21℃/15℃</td>
<td>-7℃/4℃</td>
</tr>
<tr>
<td><strong>Heating</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum: D.B</td>
<td>27℃/15℃</td>
<td>15℃/10℃</td>
</tr>
<tr>
<td>Minimum: D.B</td>
<td>7℃/3℃</td>
<td>-15℃/0℃</td>
</tr>
</tbody>
</table>

2. If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person.
3. If the fuse of indoor unit on PC board is broken, please change it with the type of T. 3.15A/250V outdoor. If the fuse of outdoor unit is broken, change it with the type of T.25A/250V.
4. The wiring method should be in line with the local wiring standard.
5. After installation, the power plug should be easily reached.
6. The waste battery should be disposed properly.
7. The appliance is not intended for use by young children or infirm persons without supervision.
8. Young children should be supervised to ensure that they do not play with the appliance.
9. Please employ the proper power plug, which fit into the power supply cord.
10. The power plug and connecting cable must have acquired the local attestation.
11. In order to protect the units, please turn off the A/C first, and at least 30 seconds later, cutting off the power.

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Haier

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