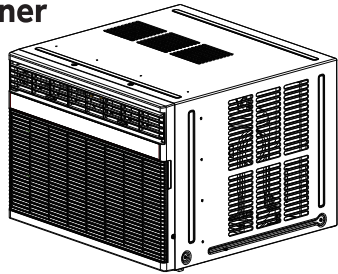


# Haier

## Room Air Conditioner

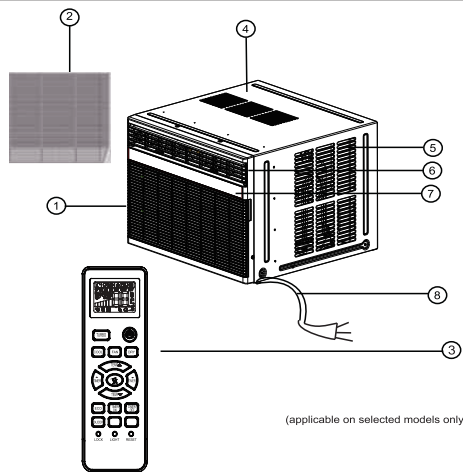


Installation and User Manual  
**HWU18TF-EW3BE-FS**  
**HWU18TF-ES3BE-FS**  
**HWU18TF-EW4BE-FS**  
**HWU18TF-ES4BE-FS**

Design may vary by model number.

Some models may have an additional letter after the model number.

### Identification of Parts



1. Front panel
2. Air filter
3. Remote control
4. Cabinet
5. Air inlet grill (outdoor side)
6. Air outlet grill
7. Electronic control keypad
8. Power supply cord

(applicable on selected models only)

1. Power cord conductors are distinguished according to color as follows (shown in Fig.1).
2. For your safety and protection, this unit is earthed through the power cord (shown in Fig.1). Please contact the manufacturer or its service dealer or a similarly qualified person if you want to replace it.
3. This unit is earthed through the power cord. The wall outlet should be provided with reliable earth wire.
4. The unit should be provided with an individual circuit and the circuit breaker/fuse rating should be the same as that of the power cord and wall outlet.

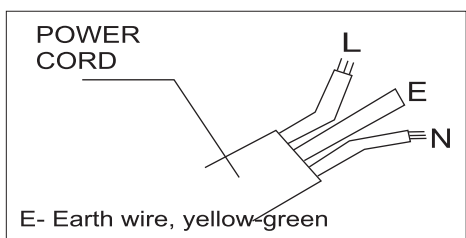


Fig.1

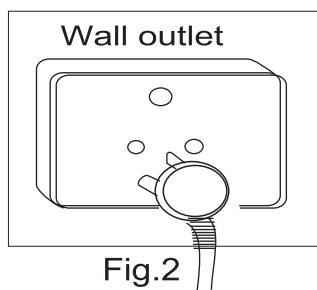


Fig.2

### Introduction for Icon Display Screen

1. TIMER OFF display/TIMER ON display		6. LOCK display
2. Mode display		7. Additional functions display
3. Signal sending display		8. TEMP display
4. SWING display		
5. FAN SPEED display		

### Safety Precautions

Please read this manual carefully before using the air conditioner.

Pay special attention to signs of "Warning" and "Caution". The "Warning" section contains matters which, if not observed strictly, may cause death or serious injury. The "Caution" section contains matters which may result in serious consequences if not observed properly.

#### WARNING

- |   |  |  |
|---|--|--|
| <p>⊕ Plug in power plug properly.</p> <ul style="list-style-type: none"> <li>• Otherwise, it may cause electric shock or fire due to excess heat generation.</li> </ul>                                 | <p>⊕ Do not operate or stop the unit by inserting or pulling out the power plug.</p> <ul style="list-style-type: none"> <li>• It may cause electric shock or fire due to heat generation.</li> </ul> | <p>⊕ Do not damage or use an unspecified power cord.</p> <ul style="list-style-type: none"> <li>• It may cause electric shock or fire.</li> <li>• If the power cord is damaged, it must be replaced by the manufacturer or an authorised service centre or a similarly qualified person in order to avoid a hazard.</li> </ul> |
| <p>⊕ Do not modify power cord length or share the outlet with other appliances.</p> <ul style="list-style-type: none"> <li>• It may cause electric shock or fire due to heat generation.</li> </ul>     | <p>⊕ Do not operate with wet hands or in damp environment.</p> <ul style="list-style-type: none"> <li>• It may cause electric shock.</li> </ul>  | <p>⊕ Do not direct airflow at room occupants only.</p> <ul style="list-style-type: none"> <li>• This could harm your health.</li> </ul>  |
| <p>⊕ Always ensure effective earthing.</p> <ul style="list-style-type: none"> <li>• Incorrect earthing may cause electric shock.</li> </ul>   | <p>⊕ Do not allow water to run into electric parts.</p> <ul style="list-style-type: none"> <li>• It may cause failure of machine or electric shock.</li> </ul>                                       | <p>⊕ Always install circuit breaker and a dedicated power circuit.</p> <ul style="list-style-type: none"> <li>• Incorrect installation may cause fire and electric shock.</li> </ul>   |
| <p>⊕ Unplug the unit if strange sounds, smell, or smoke comes from it.</p> <ul style="list-style-type: none"> <li>• It may cause fire and electric shock.</li> </ul>                                    | <p>⊕ Do not use the socket if it is loose or damaged.</p> <ul style="list-style-type: none"> <li>• It may cause fire and electric shock.</li> </ul>  | <p>⊕ Do not open the unit during operation.</p> <ul style="list-style-type: none"> <li>• It may cause electric shock.</li> </ul>   |
| <p>⊕ Leave the door closed while the air conditioner is running.</p> <ul style="list-style-type: none"> <li>• It is not designed to cool the entire house.</li> </ul>                                   | <p>⊕ Do not use the power cord close to heating appliances.</p> <ul style="list-style-type: none"> <li>• It may cause fire and electric shock.</li> </ul>  | <p>⊕ Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.</p> <ul style="list-style-type: none"> <li>• It may cause an explosion or fire.</li> </ul>   |
| <p>⊕ Ventilate room before operating air conditioner if there is a gas leakage from another appliance.</p> <ul style="list-style-type: none"> <li>• It may cause explosion, fire and, burns.</li> </ul> | <p>⊕ Do not disassemble or modify unit.</p> <ul style="list-style-type: none"> <li>• It may cause failure and electric shock.</li> </ul>   |  |
| <p>⊕ This Product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electric and electronic appliances.</p>                |  |  |

### CAUTION

Keep this manual for future reference as it contains important installation and safety instructions. Do not connect the power plug with wet hands.

### Call for service immediately when:

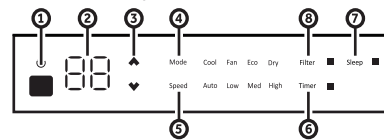
- ▶ The power cord or plug overheats.
- ▶ A fuse blows or a circuit breaker trips frequently
- ▶ The controls do not work properly.

### BATTERY SPECIFICATIONS AND REPLACEMENT

1. The Remote Control requires 2 nos. AAA 1.5 Volt batteries (supplied with unit).
2. Batteries need to be replaced when the main unit doesn't respond to the remote control.
3. To replace battery, slide down the cover of the remote control, insert 2 nos. AAA 1.5 Volt batteries and reinstall the cover.
4. Please remove the battery from the remote control if it is not in use for 15 days.
5. Whenever the Batteries are changed in Remote handset, user has to set the clock Time first.

### Controls

Features and appearance will vary. Lights beside the touch pads on the air conditioner control panel indicate the selected settings.



1. **Power Pad**  
Turns air conditioner on and off. When turned on, the display will show the **Set** temperature.
2. **Display**  
Shows the **Set** temperature or time remaining on the temperature in **Cool** or **Eco** modes.
3. **Temp and Delay Increase ▲ / Decrease ▼ Pads**  
Use to set temperature or delay time. Temperature can be set in **Cool** and **Eco** mode.
4. **MODE**
  1. Press **MODE** until you see the indicator light come on next to the desired setting.
  2. Choose Fan, Cool, ECO, or Dry.

Fan - Only the fan runs. Press **FAN SPEED** to select High, Med or Low fan speed. The display shows the current room temperature.

**NOTE:** in fan mode, the temperature cannot be set.

ECO - In this mode the fan runs only when cooling is needed. The fan will run for 3 minutes after the compressor shuts off. The fan then cycles on for 2 minutes at 10 minute intervals until the temperature in the room is above the set temperature. The compressor then turns back on.

Cool - Cools the room. Press **FAN SPEED** to select High, Med, Quiet or Auto Cool fan speed. Press the **+** or **-** arrow button to adjust the temperature. The fan will run continuously in cool mode.

Dry- Aids in removing humidity from the room. Dry mode cannot be used to cool room.

**NOTE:** In Dry mode, when the set temperature is close to ambient temperature, the compressor may stop and the fan will run in Low speed only.
5. **FAN SPEED**
  1. Press **FAN SPEED** until you see the indicator light come on next to the desired setting.
  2. Choose High, Med, Low, or Auto.

HIGH - For maximum cooling.  
MED - For normal cooling.  
LOW - For minimum cooling.  
AUTO - Adjusts the fan speed automatically to provide ideal cooling based on the room temperature.

### 6. Timer

**Timer ON**—When the air conditioner is off, it can be set to automatically come on in 1 to 24 hours at its previous mode and fan settings.

**Timer OFF**—When the air conditioner is on, it can be set to automatically turn off in 1 to 24 hours.

#### How to set:

Press the **Timer 1-24hr** pad on the unit or the remote control. Each touch of the **▲** / **▼** pads on the unit or the remote control will set the timer in 1-hour intervals.

To review the remaining time on the **Timer 1-24hr** timer, press the **Timer 1-24hr** pad on the unit or the remote control. Use the **▲** / **▼** pads on the unit or on the remote control to set a new time if desired.

To cancel the timer, press **▼** pad on the unit or the remote control until the set time is zero. After 3 seconds the light on the **Timer 1-24** hour pad goes off.

### 7. Sleep Pad (set by air conditioner controls only)

The **SLEEP** mode sets the unit to gradually change settings over an 8 hour period to allow for some increased energy efficiency during sleep hours.

The **SLEEP** mode is available only in **COOL**, **DYR** and **FAN** only settings.

Press the **SLEEP** mode pad and its light will illuminate. The fan indicator will stay at the same setting but the air conditioner will automatically change the **FAN** speed to low in **COOL**, **DYR** and **FAN** mode.

In **FAN** only mode, the fan will stay in the **LOW** speed setting for 8 hours. After 8 hours, the air conditioner will resume the settings that were in place before the **SLEEP** mode pad was pressed.

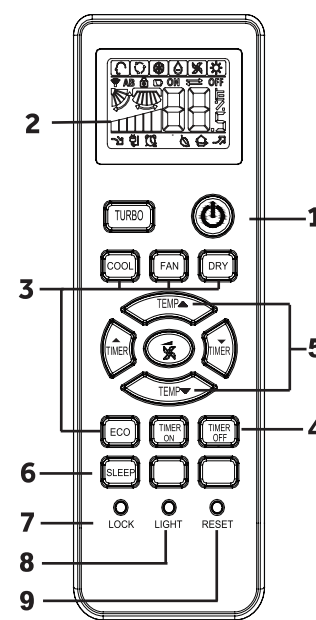
In **COOL/DYR** mode, the fan will stay in the **LOW** speed setting for 8 hours from the time the **SLEEP** mode pad was pressed. The air conditioner will also raise the set point 1°C in 1 hours and 1 °C more in another 1 hours where it will remain for the next 6 hours. After 8 hours the air conditioner will stop.

While the unit is in **SLEEP** mode, pressing any pad will return it to the settings that were in place before the **SLEEP** mode pad was pressed.

### 8. FILTER RESET

This feature automatically notifies you that the air filter must be cleaned. The indicator light will come on after 250 hours of operation. Clean the air filter (refer to Care and Cleaning section), place it back in the front panel, and press the Filter Reset button. The light will turn off.

### Using The AIR CONDITIONER



### 4. TIMER

• **Timer ON**—When the air conditioner is off, it can be set to automatically come on in 1 to 24 hours at its previous mode and fan settings.

• **Timer OFF**—When the air conditioner is on, it can be set to automatically turn off in 1 to 24 hours.

• To set the air conditioner to turn off after a set amount of time between 1 hour and 24 hours (unit must be ON):

1. Press **TIMER OFF** button on the remote control to select the time off function.
2. Press the **TIMER ▲** or **TIMER ▼** arrow button to change the delay time from 1 hour to 24 hours. **Timer OFF** indicator light on the air conditioner panel will illuminate.
3. The buzzer beeps twice after 5 seconds, then **Timer OFF** countdown will initiate.

• To set the air conditioner to turn on after a set amount of time between 1 hour and 24 hours (unit must be ON):

1. Press **TIMER ON** button on the remote control to select the time off function.
2. Press the **TIMER ▲** or **TIMER ▼** arrow button to change the delay time from 1 hour to 24 hours. **Timer OFF** indicator light on the air conditioner panel will illuminate.
3. The buzzer beeps twice after 5 seconds, then **Timer OFF** countdown will initiate.

#### To clear TIMER Program:

**NOTE:** Air conditioner can be either on or off. Press **TIMER ON/OFF** button until **Timer** indicator light turns off.

### 5. TEMP ▲ /TEMP ▼

• Press the **TEMP ▲** button to raise the temperature. Each time you press the **TEMP ▲** button, the temperature will go up 1°C until it reaches 30°C.

• Press the **TEMP ▼** button to lower the temperature. Each time you press the **TEMP ▼** button, the temperature will go down 1°C until it reaches 16°C.

### 6. SLEEP

1. Press **SLEEP** button on the remote control to choose Sleep mode. This display will show (08) and the indicator light will turn on.

2. The temperature will increase by 1°C one hour after the mode is chosen. The temperature then increases another 1°C after one hour. The unit will hold this temperature for six hours then stop.

3. To turn off Sleep mode, press the **SLEEP** button until the indicator light is off.

### 7. LOCK

• Press the **LOCK** button on the remote control to disable button functionality. Press the **LOCK** button again to activate the remote control functionality.

### 8. LIGHT

• When you press the **LIGHT** button, the display on the unit will turn on.

### 9. RESET

• Press the **RESET** button to reset the unit to factory settings.

### Using the Remote Control

Remote Control may differ in appearance from the image show.

**NOTE:** Please remove the back of the controller and insert two AAA batteries. Replace batteries after 6 months of use or when remote control starts to lose power.

**NOTE:** DO NOT mix old and new batteries.

### 1. POWER

Press the power button to turn on the air conditioner. When you first press the power button, the air conditioner will operate in **ECO**, Auto fan speed and temperature of 24°C. You can select any other mode to satisfy your needs.

### 2. SPEED

**High** - Press **HIGH** button to choose high fan speed.  
**Med** - Press **MED** button to choose medium fan speed.  
**Low** - Press **QUIET** button to choose quiet fan speed.  
**Auto Cool** - Press **AUTO** button to choose auto cool fan speed.

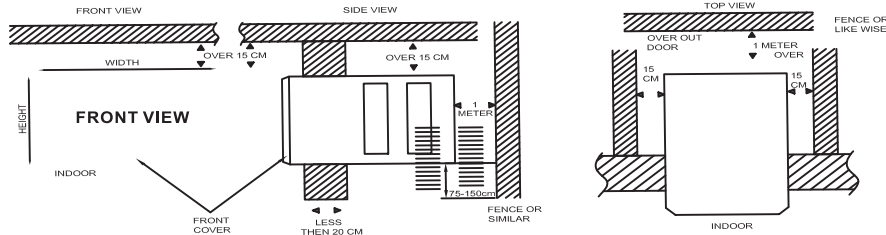
### 3. MODE

**Fan**- Press the **FAN** button to activate fan mode.  
**Cool** - Press the **COOL** button to activate cool mode.  
**ECO** - Press the **ECO** button to activate mode.  
**Dry** - Press the **Dry** button to activate dehum mode.



# Installation

Do not install the unit near a heat source, steam source and flammable gas. Select a location where the power supply is within 1.5 metres. Prepare the installation hole slightly bigger than the actual cabinet size. Ensure that the minimum distances around the unit are maintained as shown below.



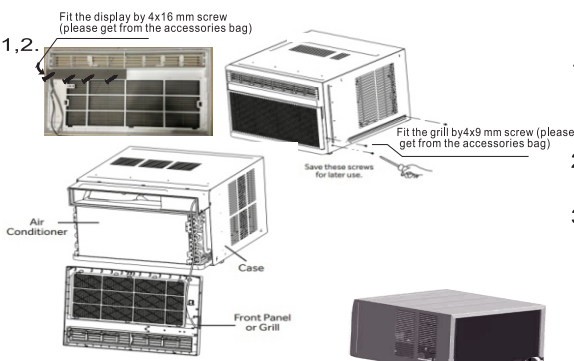
Installing the Unit

## Installation of the Cabinet

- 1 Prepare the hole in the wall so that the bottom of the unit is well supported, the top has minimum clearance and the air inlet louvers have clearance as shown. Holes from the outside through to the cavity should be sealed. The unit should slope down towards the rear by about 10-15 mm to allow water formed during operation to drain.
- 2 Install the cabinet into the wall and secure. Ensure the foam seals are not damaged. Flash, seal or fill gaps around the inside and outside to provide satisfactory appearance and protection against the weather, insects and rodents.

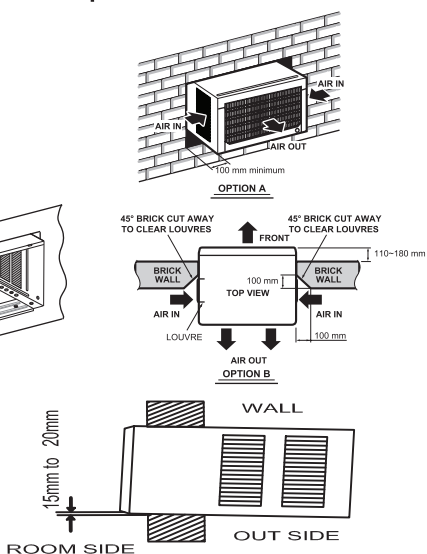
**NOTE**  
• Unit may be supported by a solid frame from below or by a hanger from a solid overhead support.

- 3 For testing purpose and enhanced performance use the Installation guidelines given below  
The unit should be inclined 15-20mm towards the back for optimum performance.  
For optimum performance Drain should be plugged.  
The unit should be inclined 15-20mm towards the back for optimum performance.  
For optimum performance Drain should be plugged.



**Note :**  
If the unit is installed on the upper floor of an apartment or building, make sure drainage water is channeled properly to avoid dripping onto persons or properly below.

## Space for Outside Air Flow



- 1) Remove the rear screw and save it for Later use. Pull out the chassis by grasping the front handle.
- 2) Place the cabinet into the opening and secure it by fasteners.
- 3) Slide the chassis into the cabinet.
- 4) Install the Filter and attach the Grill with cabinet.

## DRAINING THE UNIT

**DRAINAGE TO THE BOTTOM**  
For Normal Climate Condition : Drain Should be plugged.

**For High Humidity Climate condition :**  
Make sure that the Drain Connection is attached to the unit and connect a drain hose to Drain Connection.

## Air conditioner does not cool as it should

- The room may have been hot.
- When the air conditioner is first turned on, you need to allow time for the room to cool down.
- Cold air is escaping.
- Check for open furnace floor registers and cold air returns.
- Check for the leakage and chocking.

## Air conditioner freezing up

- Ice blocks the air flow and stops the air conditioner from cooling the room.
- Set the fan at MED or HIGH until the ice melts.

## Air conditioner does not heat(only for heat cool machine type)

- The set temperature may be lower than the actual room temperature.
- Make sure the set temperature is higher than the actual room temperature.

Problem	Possible Causes	What To Do
Room Sensor Error (Error Code-"EP")	■ Room sensor wire cut/ broken.	● If sensor found cut or broken replace it with new room sensor
	■ Room sensor short or open.	● Make sure that the room sensor connector should properly connected. Remove the shorting in room sensor circuit, if found.
Coil Sensor Error (Error Code-"E2")	■ Coil sensor wire cut/ broken.	● If sensor found cut or broken replace it with new coil sensor
	■ Coil sensor short or open.	● Make sure that the coil sensor connector should properly connected. Remove the shorting in coil sensor circuit, if found.
Defrost Error (Error Code-"dF")	■ Ice formation that blocks the air flow	● Switch of the unit and then turn on the unit, set the Fan at medium or high speed until the ice melts.
	■ Gas leakage / absence of Gas	● Check the gas level properly.

Remarks: Air conditioner Usage recommended with stabilizer only.

# 24°C default setting operation

Following 24°C logic is applicable when AC is operated in Cool/Dry mode :

If user has set the temperature below 24°C in Cool/Dry mode prior to switching off AC and then if AC is turned on by Remote, AC will start operating at 24°C temperature only.

If user has set the temperature 24°C or above 24°C in Cool/Dry mode prior to switching off AC and then if AC is turned on by Remote, AC will start operating at previous set temperature by user.

# Care & Maintenance

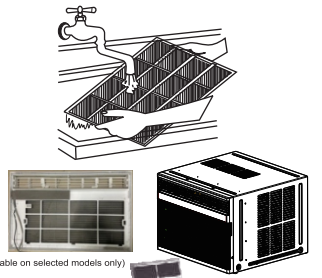
# Haier

**WARNING: Be sure to turn off the main power supply before commencing MAINTENANCE WORK.**

## Removing The Air Pre Filter

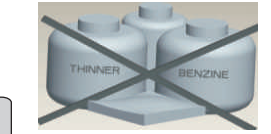
A dirty air filter will cause the reduction of airflow, which in turn causes the unit to overload and also consumes more electricity. Therefore regular cleaning is necessary for an efficient and trouble-free-operation.

- Turn off the unit.
- Remove the Air Pre-Filter by sliding out.
- Vacuum the filter or wash the filter in warm water.
- Do not use water above 40°C for cleaning, as this will cause discoloration and deformation.
- Let the filter dry thoroughly before reinstalling it.



## Cleaning Front Panel, Horizontal Louver and Air Pre Filter

- Always use a soft cloth or sponge with lukewarm water and mild detergent to clean the Front Panel, Horizontal Louver and Air Pre Filter.
- Do not use water hose to clean the unit.



**CAUTION: Do not use thinner, abrasive powders, benzene or hot water to clean the unit.**

# Troubleshooting

# Haier

## Troubleshooting Tips

Save time and money! Review the chart below first and you may not need to call for service.

## Normal Operation

- You may hear a pinging noise caused by water being picked up and thrown against the condenser on rainy days or when the humidity is high. This design feature helps remove moisture and improve efficiency.
- You may hear the thermostat click when the compressor cycles on and off.
- Water will collect in the base pan during high humidity or on rainy days. The water may overflow and drip from the outdoor side of the unit.
- The fan may continue to operate when the compressor has cycled off.

## Abnormal Operation

Problem	Possible Causes	What To Do
Air conditioner does not start	■ The air conditioner is unplugged.	● Make sure the air conditioner plug is pushed completely into the outlet and switched on.
	■ The fuse is blown/circuit breaker is tripped.	● Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	■ Power failure.	● If power failure occurs, switch off and disconnect /unplug the power cord. When power is restored, reconnect (plug in) the power cord, switch on the power and wait for 3 minutes to restart the air conditioner to prevent tripping of the compressor in case of overload.
	■ Airflow is restricted .	● Make sure there are no curtains, blinds, or furniture blocking the front of the air conditioner.
	■ The air filter is dirty.	● Clean the filter at least once every 2 weeks. See the operating instructions section.



Read the precautions in this manual carefully before operating the unit.



This appliance is filled with R32.

Keep this manual where the user can easily find it.

## WARNING:



Read technical manual



Operator manual; operating instructions

▲ Ask your dealer or qualified personnel to carry out installation work. Do not attempt to install the air conditioner yourself. Improper Installation may result in water leakage, electric shocks, fire or explosion.

▲ Install the air conditioner in accordance with the instructions in this installation manual

▲ Be sure to use only the specified accessories and parts for installation work.

▲ Install the air conditioner on a foundation strong enough to withstand the weight of the unit.

▲ Electrical work must be performed in accordance with relevant local and national regulations and with instructions in this installation manual. Be sure to use a dedicated power supply circuit only. The wiring method should be in line with the local wiring standard. The type of connecting wire is H07RN-F.

▲ Use a cable of suitable length. Do not use tapped wires or an extension lead as this may cause overheating, electric shocks, fire or explosion.

▲ All the cables shall have got the local 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.

▲ If refrigerant gas leaks during installation, ventilate the area immediately. Oxidic gas may be produced if the refrigerant comes into contact with fire, and explosion may happen.

▲ After completing installation, check for refrigerant gas leakage

▲ When installing or relocating the air conditioner, be sure to bleed the refrigerant circuit to ensure it is free of air, and use only the specified refrigerant (R32).

▲ Make sure ground connection is correct and reliable. Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks.

▲ Be sure to install an earth leakage circuit explosion-proof breaker.

▲ The breaker of the air conditioner should be all-pole switch and explosion-proof. The distance between its two contacts should not be no less than 3mm. Such means for disconnection must be incorporated in the wiring.

▲ 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, the radius of the storage area should be no less than 2.5 m (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 3m<sup>2</sup>. The room should be well ventilated.

▲ Comply with national gas regulations.

▲ 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 the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Cleaning and user maintenance shall not be made by children.

▲ The air conditioner can not be discarded or scrapped Randomly. If you need please contact customer service personnel of Haier to scrap in order to obtain the correct disposal methods.

▲ Reusable mechanical connectors and flared joints are not allowed indoor.

The manufacturer reserves the right to discontinue, or change at any time, specification or designs without incurring any obligation.