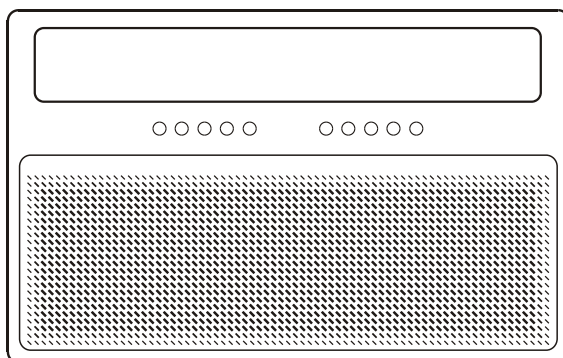




# WINDOW TYPE AIR CONDITIONER OWNER'S MANUAL



YWJF20ZT2GTUJG-R3  
YWLF20ZT2GTUJG-R3  
YWJF26ZT2GTUJG-R3  
YWLF26ZT2GTUJG-R3

## IMPORTANT

- Please read this owner's manual carefully and thoroughly before installing and operating your room air conditioner.
- Please retain this owner's manual for future reference after reading it thoroughly.

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# 1. Safety Precautions

## SAFETY RULES AND RECOMMENDATIONS FOR THE INSTALLER

1. **R**ead this guide before installing and using the appliance.
2. **D**uring the installation of the indoor and outdoor units, access to the working area should be forbidden to children. Unforeseeable accidents could happen.
3. **M**ake sure that the base of the outdoor unit is firmly fixed.
4. **C**heck that air cannot enter the refrigerant system and check for refrigerant leaks when moving the air conditioner.
5. **C**arry out a test cycle after installing the air conditioner and record the operating data.
6. **P**rotect the indoor unit with a fuse of suitable capacity for the maximum input current or with another overload protection device.
7. **E**nsure that the mains voltage corresponds to that stamped on the rating plate. Keep the switch or power plug clean. Insert the power plug correctly and firmly into the socket, thereby avoiding the risk of electric shock or fire due to insufficient contact.
8. **C**heck that the socket is suitable for the plug , otherwise have the socket changed.
9. **T**he appliance must be fitted with means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under "over voltage category III conditions", and these means must be incorporated in the fixed wiring in accordance with the wiring rules.
10. **T**he air conditioner must be installed by professional or qualified persons.
11. **D**o not install the appliance at a distance of less than 50 cm from inflammable substances (alcohol, etc.) or from pressurized containers (e.g. spray cans).
12. **I**f the appliance is used in areas without the possibility of ventilation, precautions must be taken to prevent any leaks of refrigerant gas from remaining in the environment and creating a danger of fire.
13. **T**he packaging materials are recyclable and should be disposed of in the separate waste bins. Take the air conditioner at the end of its useful life to a special waste collection center for disposal.
14. **O**nly use the air conditioner as instructed in this booklet. These instructions are not intended to cover every possible condition and situation. As with any electrical household appliance, common sense and caution are therefore always recommended for installation, operation and maintenance.
15. **T**he appliance must be installed in accordance with applicable national regulations.
16. **B**efore accessing the terminals, all the power circuits must be disconnected from the power supply.
17. **T**he appliance shall be installed in accordance with national wiring regulations.
18. **T**his appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been

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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.

19. **D**o not try to install the conditioner alone; always contact specialized technical personnel.
20. **C**leaning and maintenance must be carried out by specialised technical personnel. In any case disconnect the appliance from the mains electricity supply before carrying out any cleaning or maintenance.
21. **E**nsure that the mains voltage corresponds to that stamped on the rating plate. Keep the switch or power plug clean. Insert the power plug correctly and firmly into the socket, thereby avoiding the risk of electric shock or fire due to insufficient contact.
22. **D**o not pull out the plug to switch off the appliance when it is in operation, since this could create a spark and cause a fire, etc.
23. **T**his appliance has been made for air conditioning domestic environments and must not be used for any other purpose, such as for drying clothes, cooling food, etc.
24. **A**lways use the appliance with the air filter mounted. The use of the conditioner without air filter could cause an excessive accumulation of dust or waste on the inner parts of the device with possible subsequent failures.
25. **T**he user is responsible for having the appliance installed by a qualified technician, who must check that it is earthed in accordance with current legislation and insert a thermomagnetic circuit breaker.
26. **T**he batteries in the remote controller must be recycled or disposed of properly. For disposal of scrap batteries, please discard the batteries as sorted municipal waste at the accessible collection point.
27. **N**ever remain directly exposed to the flow of cold air for a long time. The direct and prolonged exposition to cold air could be dangerous for your health. Particular care should be taken in the rooms where there are children, old or sick people.
28. **I**f the appliance gives off smoke or there is a smell of burning, immediately cut off the power supply and contact the Service Centre.
29. **T**he prolonged use of the device in such conditions could cause fire or electrocution.
30. **H**ave repairs carried out only by an authorised Service Centre of the manufacturer. Incorrect repair could expose the user to the risk of electric shock, etc.
31. **U**nhook the automatic switch if you foresee not to use the device for a long time. The airflow direction must be properly adjusted.
32. **T**he flaps must be directed downwards in the heating mode and upwards in the cooling mode.
33. **E**nsure that the appliance is disconnected from the power supply when it will remain inoperative

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for a long period and before carrying out any cleaning or maintenance.

34. **S**electing the most suitable temperature can prevent damage to the appliance.

## **SAFETY RULES AND PROHIBITIONS**

1. **D**o not bend, tug or compress the power cord since this could damage it. Electrical shocks or fire are probably due to a damaged power cord. Specialised technical personnel only must replace a damaged power cord.
2. **D**o not use extensions or gang modules.
3. **D**o not touch the appliance when barefoot or parts of the body are wet or damp.
4. **D**o not obstruct the air inlet or outlet of the indoor or the outdoor unit. The obstruction of these openings causes a reduction in the operative efficiency of the conditioner with possible consequent failures or damages.
5. **I**n no way alter the characteristics of the appliance.
6. **D**o not install the appliance in environments where the air could contain gas, oil or sulphur or near sources of heat.
7. **T**his 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.
8. **D**o not climb onto or place any heavy or hot objects on top of the appliance.
9. **D**o not leave windows or doors open for long when the air conditioner is operating.
10. **D**o not direct the airflow onto plants or animals.
11. **A** long direct exposition to the flow of cold air of the conditioner could have negative effects on plants and animals.
12. **D**o not put the conditioner in contact with water. The electrical insulation could be damaged and thus causing electrocution.
13. **D**o not climb onto or place any objects on the outdoor unit.
14. **N**ever insert a stick or similar object into the appliance. It could cause injury.
15. **C**hildren should be supervised to ensure that they do not play with the appliance. 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.

## **Electrical specifications**

1. All wiring must comply with local and national electrical codes and must be installed by a qualified electrician. If you have any questions regarding the following instructions, contact a qualified electrician
2. Check available power supply and resolve any wiring problems BEFORE installing and operating this unit.

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3. For your safety and protection. This unit is grounded through the power cord when plugged into a matching wall outlet. If you are not sure whether your wall outlet is properly grounded please consult a qualified electrician.
  4. The rating plate on the unit contains electrical and other technical data. The rating plate is located on the right side of the unit. Make sure to use correct power supply according to the rating plate of your air conditioner.

## **Pre-Installation Precautions**

Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

The following leak detection methods are deemed acceptable for all refrigerant systems.

- Electronic leak detectors may be used to detect refrigerant leaks but, in the case of FLAMMABLE REFRIGERANTS, the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used.
- Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed, and the appropriate percentage of gas (25 % maximum) is confirmed.
- Leak detection fluids are also suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work.

NOTE Examples of leak detection fluids are

- bubble method,
- fluorescent method agents.

If a leak is suspected, all naked flames shall be removed/extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak.

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## 2. Instructions For Servicing(R32)

### Introduction to Refrigerants R32

The refrigerants used for air conditioners are environmentally friendly hydrocarbons R32. This kind of refrigerant is combustible and odorless. Moreover, it can burn and explode under certain conditions. However, there will be no risk of burning and explosion if you comply with the following table to install your air conditioner in a room with an appropriate area and use it correctly.

Compared with ordinary refrigerants, Refrigerant R32 is environmentally friendly and does not destroy the ozone sphere and that its value of greenhouse effect is also very low.

### Warning

- Please read the manual before installation, using, maintenance
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer;
- The appliance shall 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.
  - information for handling, installation, cleaning, servicing and disposal of refrigerant.
  - a warning to keep any required ventilation openings clear of obstruction.
  - a notice that servicing shall be performed only as recommended by the manufacturer.
  - Information for qualification of workers
  - Information on servicing
  - Repairs to sealed components
  - Repairs to Intrinsically safe components
  - Cabling
  - Detection of flammable refrigerants
  - Removal and evacuation
  - Charging procedures
  - Decommissioning, labelling and recovery
- Please contact the nearest after-sale service center when maintenance is necessary. At the time of maintenance, the maintenance personnel must strictly comply with the Operation Manual provided by the corresponding manufacturer and any non-professional is prohibited to maintain the air conditioner.
- The handling, installation, storage, servicing and disposal must comply with the provisions of gas-related national laws and regulations, and also national wiring regulation.

- It is necessary to clear away the refrigerant in the system when maintaining or scrapping an air conditioner. Be aware that refrigerants may not contain an odour.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or 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.

Unit operation limits: Outdoor side 61~110, 80%RH, indoor side 61~90, 80%RH.



Caution: Risk of fire

A2L



Caution: Risk of fire



A2L



Read operator's manual



Operating instructions



Read technical manual

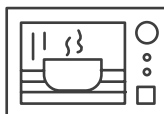
## Introduction to Refrigerants R32

- Before installing the appliance, you must read the manual carefully to get the safety information and notes.
- When filling the combustible refrigerant, any of your rude operations may cause serious injury or injuries to human body or bodies and object or objects.
- A leak test must be done after the installation is completed. It is a must to do the safety inspection before maintaining or repairing an air conditioner using combustible refrigerant in order to ensure that the fire risk is reduced to minimum.
- It is necessary to operate the machine under a controlled procedure in order to ensure that any risk arising from the combustible gas or vapor during the operation is reduced to minimum.
- Requirements for the total weight of filled refrigerant and the area of a room to be equipped with an air conditioner.

### 1. Site Safety



Open Flames Prohibited



Open Flames Prohibited



Ventilation Necessary

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## 2. Operation Safety



Mind Static Electricity



Must Wear Protective Clothing  
and anti-static gloves



Don't use mobile phone

## 3. Installation Safety



- 1) Refrigerant Leak Detector
- 2) Appropriate Installation Location
- 3) The left picture is the schematic diagram of a refrigerant leak detector

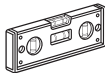
### Please note that:

- The installation site should be in a well-ventilated condition.
- The sites for installing and maintaining an air conditioner using Refrigerant R32 should be free from open fire or welding, smoking, drying oven or any other heat source higher than 548°C which easily produces open fire.
- When installing an air conditioner, it is necessary to take appropriate anti-static measures such as wear anti-static clothing and/or gloves.
- It is necessary to choose the site convenient for installation or maintenance wherein the air inlets and outlets of the indoor and outdoor units should be not surrounded by obstacles or close to any heat source or combustible and/or explosive environment.
- If the indoor unit suffers refrigerant leak during the installation, all the personnel should go out till the refrigerant leaks completely for 15 minutes. If the product is damaged, it is a must to carry such damaged product back to the maintenance station and it is prohibited to weld the refrigerant pipe or conduct other operations on the user's site.
- It is necessary to choose the place where the inlet and outlet air of the indoor unit is even.
- It is necessary to avoid the places where there are other electrical products, power switch plugs and sockets, kitchen cabinet, bed, sofa and other valuables right under the lines on two sides of the indoor unit, and also prevent mechanical damage from occurring.

## Instructions For Servicing(R32)

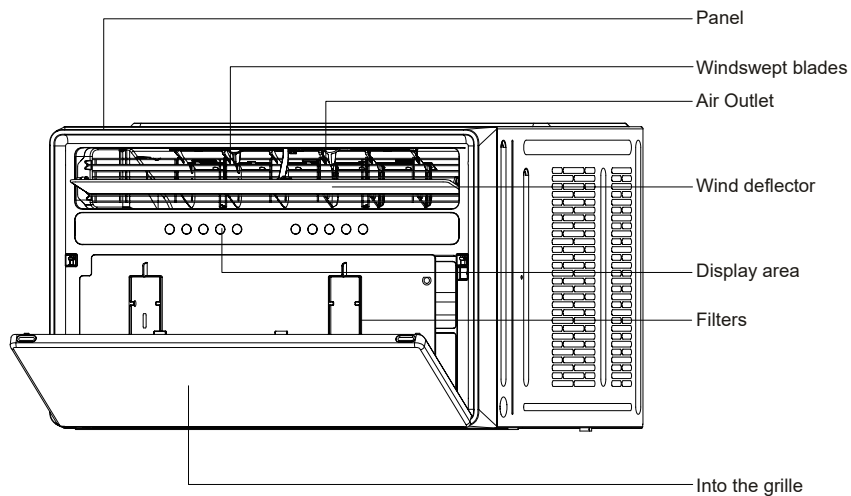
1. Minimum installation height, minimum room area(operating or storage) refer to installation manual.
- 1.La taille minimale d'installation, la surface minimale de pièce (opération ou stockage) se réfèrent au manuel d'installation.
2. Risk Of Fire-Auxiliary devices which may be ignition sources shall not be installed in the ductwork, other than auxiliary devices listed for use with the specific appliance. See instructions.
- 2.Risque d'incendie - l'équipement auxiliaire qui peut être une source d'inflammation ne doit pas être installé dans le système de tuyauterie, à l'exception de l'équipement auxiliaire utilisé avec un équipement spécifique. Voir les instructions.
3. Risk of electric shock. Can cause injury or death. Disconnect all remote electric power supplies before servicing.
- 3.Risque de choc électrique. Causer des blessures ou la mort. Avant la réparation, débranchez toute alimentation à distance.
4. Risk Of Fire. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing.
- 5.Risque d'incendie. Utilisation de réfrigérants inflammables. L'entretien ne peut être effectué que par un personnel de maintenance formé. Ne pas percer la ligne de réfrigérant.
5. Risk Of Fire. Dispose Of Properly In Accordance With Federal Or Local Regulations.Flammable Refrigerant Used.
- 6.Risque d'incendie. Disposer correctement conformément à la réglementation fédérale ou locale. Utilisation de réfrigérants inflammables.
6. Risk Of Fire. Flammable Refrigerant Used. Consult Repair Manual/Owner's Guide Before Attempting To Service This Product.All Safety Precautions Must Be Followed.
- 7.Risque d'incendie. Utilisation de réfrigérants inflammables. Veuillez consulter le manuel de réparation/guide de l'utilisateur avant d'essayer de réparer ce produit. Toutes les précautions de sécurité doivent être respectées.
7. Risk Of Fire. Due to Flammable Refrigerant Used.Follow Handling Instructions Carefully in Compliance with National Regulations.
- 8.Risque d'incendie causé par l'utilisation de réfrigérants inflammables. Suivez attentivement les instructions de manutention conformément aux réglementations nationales.

## Suggested Tools

| Tool  | Picture                                                                             | Tool                                     | Picture                                                                             | Tool        | Picture                                                                              |
|-------|-------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------|
| Level |  | Screw drivers<br>(Phillips & Flat blade) |  | Work Gloves |  |

### 3. Introduction

#### For mechanical control model



#### Cooling only:



Control Panel

#### Cooling & Heating:



Control Panel

## 4. Operating Instructions

### For mechanical control model

You can easily operate this air conditioner by press relevant button on the control panel as well as the remote controller.

|                                                                                   |                                                                                                                    |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|  | Clean the dust filter.                                                                                             |
|  | Turn on/off the ECO mode, under Cool/Dry mode.                                                                     |
|  | Select to adjust the airflow direction by swinging the louver vertically.                                          |
|  | Adjust fan speed (Auto, Low, Med, High)<br>NOTE: Fan speed setting is available in Auto, Cool, and Fan modes only. |
|  | Increase the air conditioning temperature.                                                                         |
|  | Decrease the air conditioning temperature.                                                                         |
|  | Switch between Heat/Cool/Dry/Fan/Auto mode.                                                                        |
|  | Timer on or Timer off the unit.                                                                                    |
|  | Turn on/off the MUTE mode.                                                                                         |
|  | Turn on the air conditioner or switch to standby.                                                                  |

### Indication symbols of LED on control panel

|                                                                                     |                                                                     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| AUTO LOW MED HIGH                                                                   | Indicates Automatic, Low, Medium and High fan speeds, respectively. |
|   | Indicates that there is a WiFi connection.                          |
|  | Indicates the unit is in MUTE mode.                                 |
|  | Indicates the unit is in Sleep mode.                                |
| HEAT COOL DRY FAN AUTO                                                              | Indicates Heat, Cool, Dry, Fan, and Auto mode, respectively.        |

Description:

- 1) Above LED lights on when the relevant mode is in used.
- 2) In Eco mode, when the desired temperature is reached, the compressor will turn off and the fan will continue to run for 3 minutes before turning off. The fan will turn on for 1-minute at every 5-minute interval until the room temperature is above the set temperature, at which time the compressor turns back on and continues cooling.
- 3) When the running time reaches 500 hours, the filter reminder will light up to indicate the filter needs to be cleaned. Press the Filter button to reset the filter reminder. Please see the maintenance section of this manual for filter cleaning instructions.

## 5. Installation Instructions

### 5.1. Installation Process Warnings

#### Electrical Specifications

1. All wiring must comply with local and national electrical codes and must be installed by a qualified electrician. If you have any questions regarding the following instructions, contact a qualified electrician.
2. Check available power supply and resolve any wiring problems BEFORE installing and operating this unit.
3. For your safety and protection. This unit is grounded through the power cord when plugged into a matching wall outlet. If you are not sure whether your wall outlet is properly grounded, please consult a qualified electrician.
4. The rating plate on the unit contains electrical and other technical data. Make sure to use correct power supply according to the rating plate of your air conditioner.

#### Electric Shock Hazard

- The air conditioner has a serial rating volts. It must have its own fuse or circuit breaker, and no other device or unit should be operated on the fuse or circuit breaker.
- To avoid the possibility of personal injury, disconnect power to the unit before installing or servicing.

| Electronic Control Panel |     |
|--------------------------|-----|
| RATED VOLTS              | 250 |
| AMPS                     | 25  |

#### CAUTION

- The installation parts must be strong against corrosion, especially in case the air conditioner will be installed near the sea or hot spring.
- Do not install air conditioner in the place where inflammable gas leaks are a possibility.
- The minimum clearance from the appliance to combustible surfaces is 100mm; (Only for Electric heating )
- The range of external static pressures at which the appliance was tested is 0-5Pa.

#### OPERATION

- Check the capacity of wiring and power outlet. The power outlet should be used exclusively for the air conditioner. Do not use it with other appliances.
- Ground the air conditioner to prevent danger of electric shock.
- Connect the air conditioner with power source securely.
- Use a fuse as below.

## CAUTION

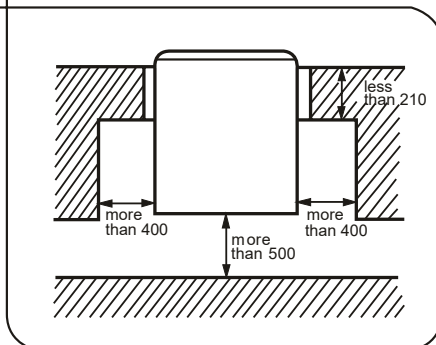
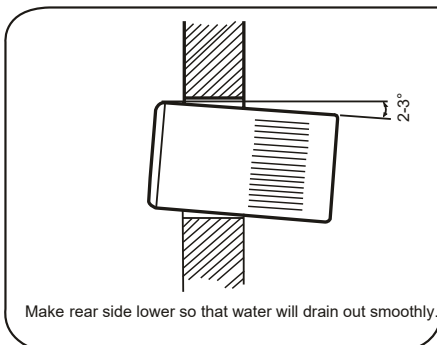
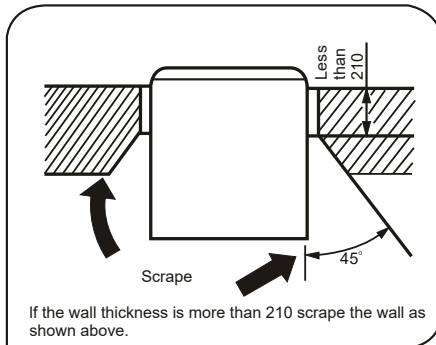
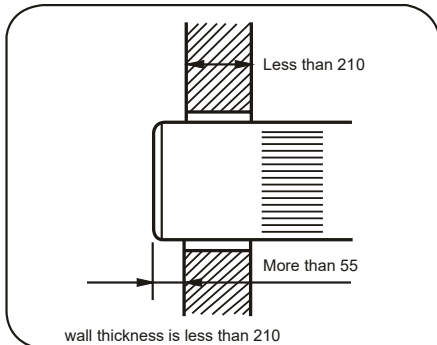
- Before installation, turn off the operation switch and disconnect the power cord.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction 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.
- The appliance is fitted with means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under overvoltage category III conditions, and these means must be incorporated in the fixed wiring in accordance with the wiring rules.

## 5.2. Setting Wall Requirements

### REMOVE ALL THE SHIPPING PARTS BEFORE INSTALLATION

#### LOCATION

- Select a location that can support the weight of the air conditioner and one that will not cause increased operation noise and vibration.
- Direct sunlight is unfavorable for efficient cooling.
- Select a place where there is no obstacles near the air inlet and outlet.



## 5.3. Wall Installation Process

### Panel packed separately

1. Remove 4 screws fixed on left and right sides of case and chassis(Fig.1)
  2. The air conditioner body is pumped out of the outer box and the outlet pipe is installed in the drainage hole at the back of the chassis.(Fig.2),(Fig.3)
  3. Screw the outer box onto the mounting rack. (Fig.4)
- Push the air conditioner body into the outer box(Fig.5)
4. The air conditioner body and the outer box are fixed together with screws and fixing plates.(Fig.6)
- Assemble the front panel and insert two screws into the panel.(Fig.7)
- Filter screen and grille are installed to complete the whole machine assembly(Fig.8)

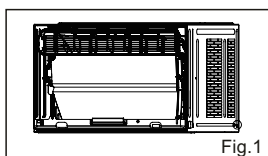


Fig.1

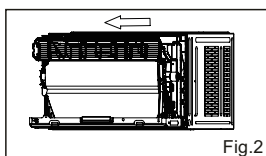


Fig.2

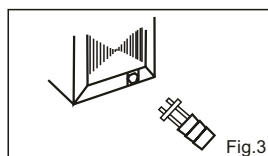


Fig.3

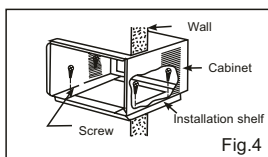


Fig.4

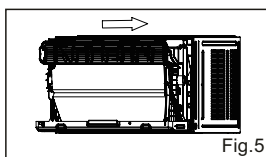


Fig.5

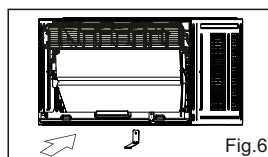


Fig.6

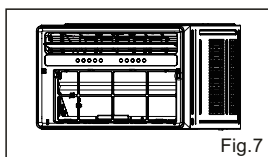


Fig.7

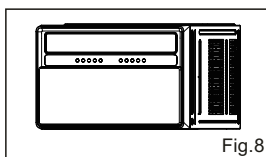


Fig.8

## Panel pre-installed

1. Open the inlet grille, remove the filter, remove the two screws that hold the front panel, and remove the entire panel component.(Fig.1),(Fig.2)
2. Remove 4 screws fixed on left and right sides of case and chassis(Fig.3)
3. The air conditioner body is pumped out of the outer box and the outlet pipe is installed in the drainage hole at the back of the chassis.(Fig.4),(Fig.5)
4. Screw the outer box onto the mounting rack. (Fig.6)  
Push the air conditioner body into the outer box(Fig.7)
5. The air conditioner body and the outer box are fixed together with screws and fixing plates.(Fig.8)  
Assemble the front panel and insert two screws into the panel.(Fig.9)  
Filter screen and grille are installed to complete the whole machine assembly(Fig.10)

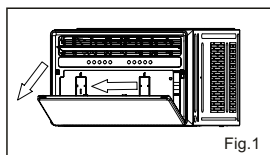


Fig.1

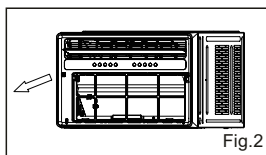


Fig.2

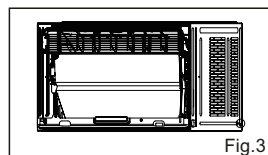


Fig.3

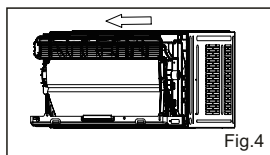


Fig.4

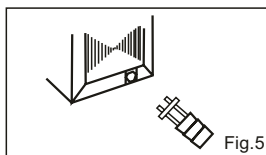


Fig.5

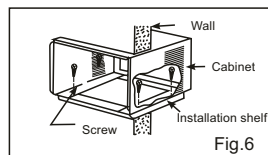


Fig.6

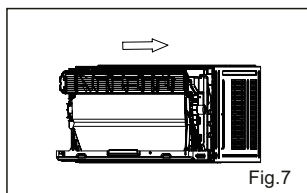


Fig.7

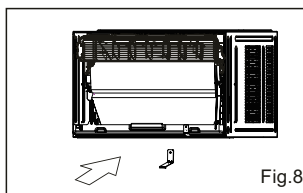


Fig.8

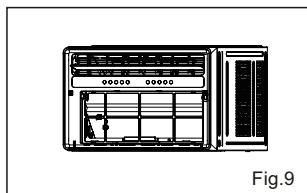


Fig.9

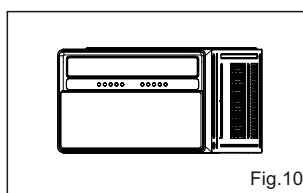
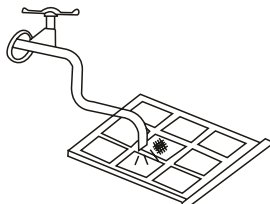
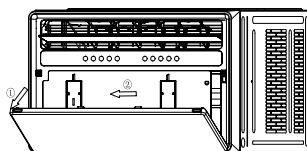


Fig.10

## 6. Care and Maintenance

### AIR FILTER

- The air filter should be washed at least once a month. If the air filter remains full of dust, the air flow will decrease and the cooling capacity will be reduced.
- The filter is behind the cover and to be pulled out from the side.
- Wash the air filter with water and detergent.
- Rinse with clean water and dry it before reinstalling.



### ⚠ CAUTION

- Do not use hot water above 40°C or washing the air filter.
- Let the filter dry thoroughly in the shade before reinstalling. Do not expose it directly on the sun.
- Do not operate the air conditioner with the filter removed.
- T1 condition: The ambient temperature for cooling: 18~43°C ;  
The ambient temperature for heating: -5~20°C.
- T3 condition: The ambient temperature for cooling: 25~52°C ;  
The ambient temperature for heating: -5~20°C.

### AIR CLEANING FILTER

- The air cleaning filter is attached to the air filter. Wash the air cleaning filter as well when wash air filter.

### FRONT COVER, ETC

- The front cover will accumulate dirt and dust. To clean it, wipe it with a soft dry cloth. When it is excessively dirty, wipe it with a soft cloth dampened with water or mild soap, then wipe it again thoroughly with a soft dry cloth.

## 7. Troubleshooting Guide

- Never use hot water above 40°C, benzene, gasoline, acid, thinner or brush to wipe off dirt because they will damage the plastic surface and the coating.

### LONG OFF PERIOD MAINTENANCE

- Operate the fan alone ("LOW FAN" or "HIGH FAN") for half a day to dry out the inside of the unit.
- Turn off power and remove plug from wall socket.
- After a long off period and going to use the air conditioner again, clean the CONDENSER (at the rear) and EVAPORATOR (at the front) fins by using a soft brush or vacuum cleaner.

### CAUTION

- Be careful not to damage the fins during the cleaning.

### BEFORE ASKING FOR SERVICE

Check the following points before requesting for repairs or service. If the malfunction persists, please contact our customer service.

| Faults                    | Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Does not operate          | <ol style="list-style-type: none"><li>1) Is the power off?</li><li>2) Is the fuse blown?</li><li>3) Is the voltage extremely high or low?</li></ol>                                                                                                                                                                                                                                                                                                                         |
| Does not cool effectively | <ol style="list-style-type: none"><li>1) Is the air filter remain full of dust or dirt? See air filter instructions on page 18.</li><li>2) Is the sunlight fall directly on the unit?</li><li>3) Is the air flow on the rear side obstructed? Leave a space of 500mm behind the rear side of the air condition?</li><li>4) The doors or windows may be opened widely or there are other sources of heat in the room?</li><li>5) Is the ventilation damper opened?</li></ol> |

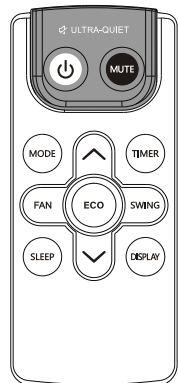
# Operating Instructions

## Remote controller

*The remote controller transmits signals to the system.*

### Attention

- 1) The outlook and some function of remote control may vary according to the model.
- 2) The shape and position of buttons and indicators may vary according to the model, but their function is the same.
- 3) The unit confirms the correct reception of each press button with a beep.



Remote Controller

| No. | Button                                                                              | Function                                                                                         |
|-----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1   |    | Turn the device on/off                                                                           |
| 2   |    | Select Mute to lower the operating volume to its quietest setting.                               |
| 3   | MODE                                                                                | Cycle through Cool, Dry, Fan, and Auto modes.                                                    |
| 4   |    | Increased the temperature/Timer.                                                                 |
| 5   | TIMER                                                                               | Set a Timer to turn the air conditioner on/off                                                   |
| 6   | FAN                                                                                 | Adjust the fan speed (Low, Medium, High, Auto). Press and hold for 5s to switch between ° F/° C. |
| 7   | ECO                                                                                 | Designed to save energy while keeping your room at the set temperature.                          |
| 8   | SWING                                                                               | Start and pause vent oscillation.                                                                |
| 9   | SLEEP                                                                               | Designed to save energy while your sleep.                                                        |
| 10  |  | Decrease the temperature/Timer.                                                                  |
| 11  | DISPLAY                                                                             | Turn on/off the device's display.                                                                |

### Timer:

When the air conditioner is on or in standby, press the Timer button and its icon will flash on the LED display.

During the flashing process, press + or - to select a timer from 0 to 24 hours, then press the Timer button again to confirm the setting.

After the timer ends, the air conditioner will start/stop running automatically.

Turning the air conditioner ON or OFF at any time or adjusting the timer setting to 0.0 hour will cancel the timer program.

# Electrical specifications

- 1. All wiring must comply with local and national electrical codes and must be installed by a qualified electrician. If you have any questions regarding the following instructions, contact a qualified electrician.
- 2. Check available power supply and resolve any wiring problems BEFORE installing and operating this unit.
- 3. For your safety and protection. This unit is grounded through the power cord when plugged into a matching wall outlet. If you are not sure whether your wall outlet is properly grounded, please consult a qualified electrician.
- 4. The rating plate on the unit contains electrical and other technical data. The rating plate is located on the right side of the unit. Make sure to use correct power supply according to the rating plate of your air conditioner.

 **Electric Shock Hazard** 

The air conditioner has a serial rating volts. It must have its own fuse or circuit breaker, and no other device or unit should be operated on the fuse or circuit breaker.

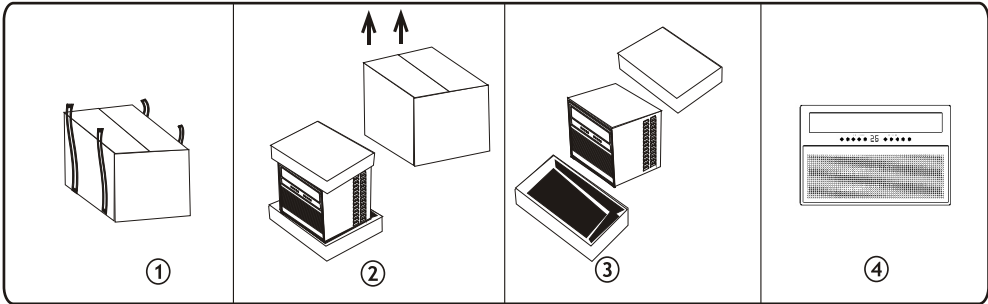
To avoid the possibility of personal injury, disconnect power to the unit before installing or servicing.

| Electronic Control Panel |     |
|--------------------------|-----|
| RATED VOLTS              | 250 |
| AMPS                     | 25  |

# Accessory List

| Window type                                                                      | Owner's manual                                                                    | WIFI Owner's manual                                                               | Remote control                                                                    | Sealing gasket                                                                    | Screw                                                                             | Drainage connector                                                                |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| 1 unit                                                                           | 2 pieces                                                                          | 2 pieces                                                                          | 1 piece                                                                           | 1 piece                                                                           | 1 bag                                                                             | 1 piece                                                                           |

# Disassembly Figure



\* Replacement cord instructions, type Y attachment.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Technical Specifications

|                                        |              |             |                   |                  |              |                  |
|----------------------------------------|--------------|-------------|-------------------|------------------|--------------|------------------|
| Model No.                              |              |             | 18K               | 18K              | 24K          | 24K              |
| Type                                   |              |             | Cooling only      | Electric heating | Cooling only | Electric heating |
| Rated Cooling capacity (T1)            |              | Btu/h; kW   | 18500; 5.43       | 18500; 5.43      | 24200; 7.10  | 24200; 7.10      |
| Rated Cooling capacity (T3)            |              | Btu/h; kW   | 15500; 4.53       | 15500; 4.53      | 20000; 5.85  | 20000; 5.85      |
| Rated Heating capacity                 |              | W           | N.A               | 3100             | N.A          | 3100             |
| EER for cooling (T1)                   |              | Btu/h/W; WW | 9.95; 2.92        | 9.95; 2.92       | 9.15; 2.68   | 9.15; 2.68       |
| EER for cooling (T3)                   |              | Btu/h/W; WW | 7.35; 2.15        | 7.35; 2.15       | 6.55; 1.92   | 6.55; 1.92       |
| COP for heating                        |              | W/W         | N.A               | 0.85             | N.A          | 0.85             |
| Pressure                               | High(DP)     | MPa         | 4.5               |                  |              |                  |
|                                        | Low(SP)      | MPa         | 1.5               |                  |              |                  |
| Indoor noise level                     |              | High        | dB(A)             | 55               | 55           | 57               |
| Outdoor noise level                    |              |             | dB(A)             | 62               | 62           | 66               |
| Climate type                           |              |             | T3                |                  |              |                  |
| Power supply                           |              |             | 220-240V, 50/60Hz |                  |              |                  |
| Current                                | Cooling (T1) | A           | 8.5               | 8.5              | 11.9         | 11.9             |
|                                        | Cooling (T3) | A           | 9.6               | 9.6              | 13.7         | 13.7             |
|                                        | Heating      | A           | NA                | 16.0             | NA           | 16.0             |
| Power input                            | Cooling (T1) | W           | 1856              | 1856             | 2651         | 2651             |
|                                        | Cooling (T3) | W           | 2106              | 2106             | 3054         | 3054             |
|                                        | Heating      | W           | NA                | 3647             | NA           | 3647             |
| Rated Current                          | Cooling (T1) | A           | 13.0              | 13.0             | 17.5         | 17.5             |
|                                        | Cooling (T3) | A           | 13.0              | 13.0             | 17.5         | 17.5             |
|                                        | Heating      | A           | NA                | 16.1             | NA           | 16.1             |
| Rated Power input                      | Cooling (T1) | W           | 2400              | 2400             | 3600         | 3600             |
|                                        | Cooling (T3) | W           | 2400              | 2400             | 3600         | 3600             |
|                                        | Heating      | W           | N.A               | 3666             | N.A          | 3666             |
| Refrigerant                            |              | kg          | R32/0.620kg       | R32/0.620kg      | R32/0.705kg  | R32/0.705kg      |
| Indoor air volume(Cooling/Heating)     |              | m³/h        | 760               | 760              | 760          | 760              |
| Net dimensions (WxDxH)                 |              | Indoor      | mm                | 645x670x430      | 645x670x430  | 645x670x430      |
| Net weight                             |              | Indoor      | Kg                | 42.5             | 44.0         | 46.0             |
| Wate Proof Protecting For Outdoor Side |              |             | IPX4              |                  |              |                  |



Contact Our Consultants  
**8001242240**



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