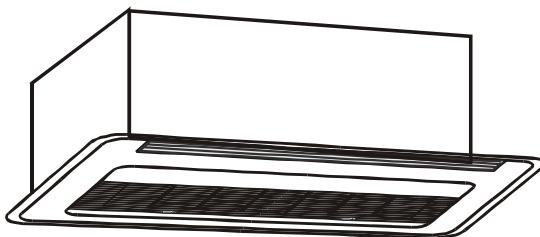




VRF ONE WAY CASSETTE AIR CONDITIONER

Installation and User's Manual



This instruction manual contains important information and recommendations that we would ask you to comply with to obtain best results from air conditioner.

Thank you once again.

PREFACE

Dear User:

Thank you for purchasing and using our product. Please read this manual thoroughly before installation, use, maintenance, or troubleshooting to ensure proper and comprehensive understanding and usage of the product.

This manual is applicable only to the listed indoor unit models. For information related to outdoor units or other indoor units, please refer to the relevant installation and operation manuals.

For detailed operations of supplementary control devices such as wired controllers, remote controllers, and central controllers, please refer to the respective manuals provided with those devices.

To ensure the correct installation and use of the product, please note the following:

- ◎ Follow the instructions in this manual strictly to ensure safe and correct usage of the product.
- ◎ All illustrations and contents in this manual are for reference only. To adapt the products to the customers better, we will make continuous improvements and innovations without prior notice.
- ◎ Regular cleaning and maintenance of your product are necessary to enhance air conditioning efficiency and extend the unit's lifespan. Please contact your local service center before each air conditioning season for professional cleaning, maintenance, inspection, and repair services (charges apply).
- ◎ After reading this manual, please keep it in a safe place for future reference.



[Prompt]

Panels, wired controllers, and remote controllers are available in multiple models. All optional or additional accessories should use our components.

All illustrations in this manual are for explanatory purposes only. The appearance and functions of your product may differ from the illustrations in this manual. Please refer to the actual model.

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PRECAUTION

■ Inspection before use

- Check that the earth wire is reliably connected.
- Check that the air dust filter is installed.
- If the AC has not been used for a long time, make sure you clean the dust filter before switching on the AC. for details, please refer to the chapter " Repair and Maintenance".
- Make sure the air inlet or outlet of the indoor and outdoor units are not blocked.
- Make sure the refrigerant pipe and hot water pipe are connected and there are no leaks.

■ Optimal operation

- Pay attention to the following matters to ensure optimal operation of the system. For details on how to operate the system, see the corresponding section.
- Set the temp appropriately to obtain a comfortable environment; overheating or overcooling should be avoided.
- Please close doors and windows. If doors and windows are open, indoor and outdoor air will form convection currents, making cooling or heating less effective.
- Please set the scheduled running time with the remote controller timer button.
- Do not place objects that block airflow close to the air inlet or outlet, as this will reduce the efficiency of the AC or even stop the system from operating.

■ Security rules

Attention

- This unit must be installed by a professional technician, and the user must not install it by himself or herself, as this may cause injury or damage to the AC to you or others.
- In order to use the unit properly, please use the unit in accordance with this manual, otherwise it may cause the internal protection of the unit or the occurrence of water dripping or a reduction in the cooling or heating effect.
- Please be careful to set the room temperature moderately, especially when elderly people, children or patients are in the room.
- Lightning, a nearby car or mobile phone may cause the air conditioner to malfunction, unplug it for a few seconds and then plug it back in, then restart the air conditioner.

Warning

- The main power switch of the air-conditioner should be located in a position that is out of children's reach to prevent the danger of children playing with the main power switch.
- The appliance is not to be used 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.
- Children being supervised not to play with the appliance.
- The appliance shall be installed in accordance with national wiring regulations.
- This 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 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.
- During a thunderstorm, disconnect the main power switch, otherwise lightning may damage the unit.
- Disconnect the main power switch before cleaning the unit or performing maintenance, otherwise accidents may occur.
- Indoor units cannot be disconnected individually unless all indoor units in the same system are disconnected at the same time.
- Broken power cords must not be used and should be replaced immediately if found to be broken and must be replaced by a professional in order to avoid danger.

PARTS AND FUNCTIONS

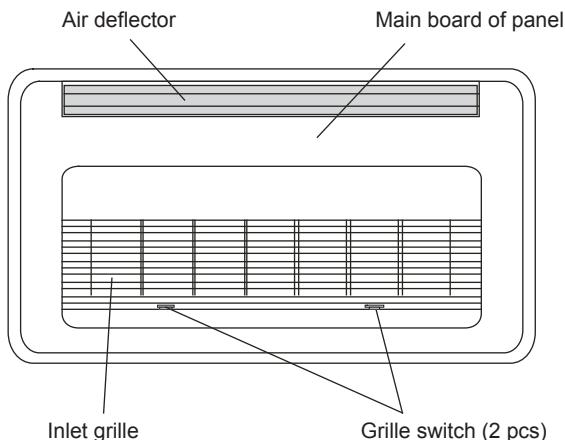
■ AC Performance Features

This air conditioner is suitable for terminal devices of central air conditioning systems in hotels, commercial buildings, offices, and residential areas. Its main features include:

1. Elegant and stylish appearance with smooth lines;
2. The slim body allows for ceiling cassette installation, saving installation height;
3. Wide-angle eight-direction airflow for healthy air circulation, and allows for quick and even adjustment of indoor temperature;
4. Powerful cooling/heating, high efficiency, and energy saving;
5. Easy-to-clean dust filter for effective indoor air purification;
6. Low noise design;
7. Reliable wireless remote control functionality:
 - Remote control is displayed in Chinese for easier operation.
 - Operating modes include Cooling/Fan/Heating
 - Microcomputer temperature controller for precise room temperature control, enhancing comfort and energy efficiency.
 - Auto defrost control by the microcomputer during heating, which significantly improves heating efficiency.
 - Timer setting for ON/OFF functionality.

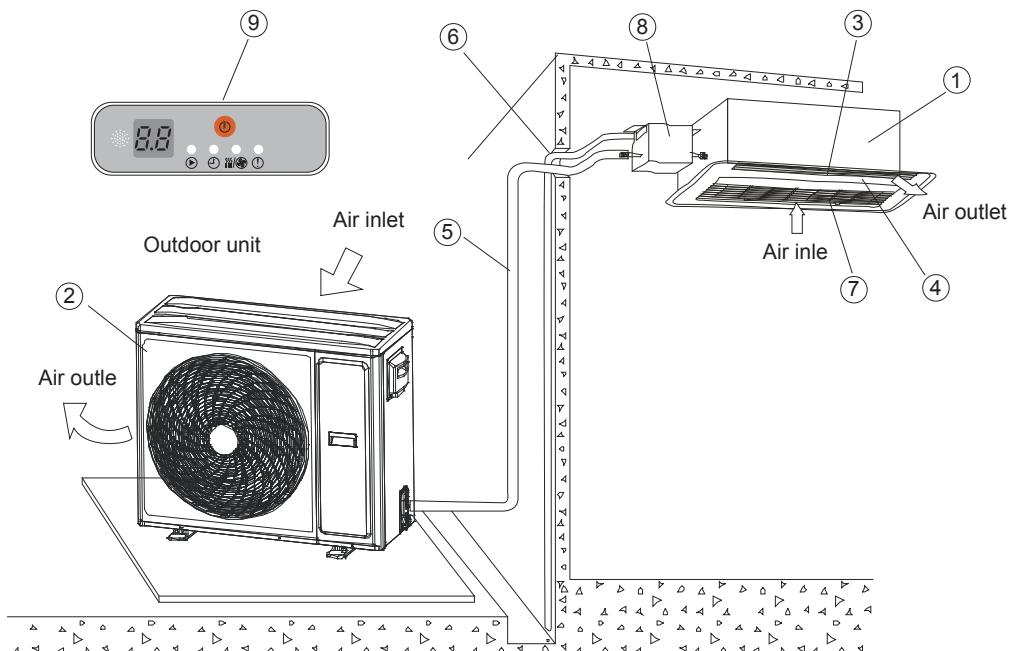
■ Names of the various parts of the air conditioner and their functions

Panel component



The panel is a schematic diagram, and the physical object shall prevail.

Indoor Unit Installation



Note: This diagram is for illustration purposes only. The appearance and functions of your air conditioner may differ from those shown.

■ Component Name

- ① Indoor Unit ② Outdoor unit ③ Air outlet ④ Air deflector ⑤ Connecting pipe
- ⑥ Drain pipe ⑦ Air inlet (equipped with air filter to remove dust)
- ⑧ Electronic expansion valve component ⑨ Remote control signal receiver board

■ Packing List

No.	Name	Qty.	No.	Name	Qty.
1	Indoor Unit	× 1	5	Rubber Drainage Pipe	× 1
2	Binding Tape	× 3	6	Operation & Installation Manual	× 1
3	Copper Nut	× 2	7	Manual Supplement	× 1
4	Throttling part	× 1	8	Display lamp panel assembly	× 1

Please verify that the accessories are complete as per the table below and keep the relevant accessories; if any of them are missing, please contact the distributor or customer service department promptly. All accessories should be TCL branded. Separately sold parts or optional parts should be purchased by the customer.

INSTALLATION

Attention before installation

- Please read all "Safety Precautions" before installing the equipment.
- Follow the instructions in this manual for installation.
- Read the labels on the unit before installation.



Warning

- Users are not allowed to install this unit; it must be installed by a dealer or authorized technician.
- Any structural modifications for installation must comply with local building codes.
- The unit must be installed on a ceiling that can support its weight.
- Use specified or compliant cables for wiring.
- All electrical work must be performed by certified technicians in accordance with local regulations and this manual.
- Ensure personal safety during installation.
- DO NOT turn on the power before installation is complete.
- Ensure proper ventilation during installation to prevent refrigerant concentration from exceeding safety standards in case of a leak.



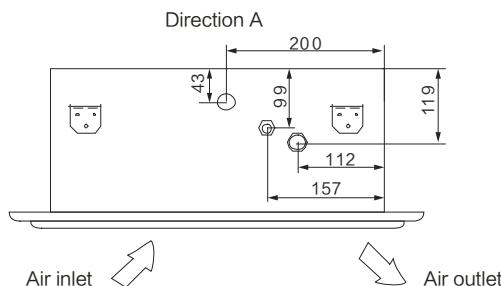
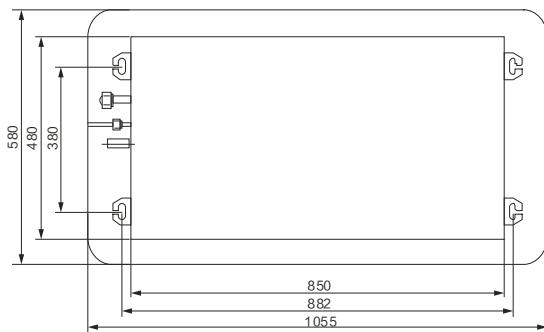
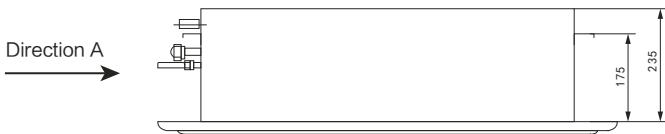
Warning

- After the air conditioner is installed, the installer should explain the correct use and maintenance methods to the user and ask the user to read and keep this manual properly.
- DO NOT install the air conditioner in areas with high volatile oil (including machine oil) or sulfuric acid mist, as this will severely reduce the machine's performance or damage internal components.
- Use a fuse of specified capacity or larger.
- Ensure the installation of an earth leakage circuit breaker.
- Be sure to install a grounding wire.
- If the air conditioner is installed on a metal part of the building, electrical insulation must be done and the installation should comply with relevant technical standards for electrical equipment.

■ Selection of installation location

1. Choose a location that provides sufficient installation and maintenance space.
2. Choose a location where the ceiling can support the weight of the indoor unit.
3. Choose a location where the inlet and outlet airflows are unobstructed and minimally affected by external air.
4. Choose a location where there are no smoke, open flames, or other heat sources or harmful pollution below.
5. Choose a location where the air supply can reach all parts of the interior.
6. Choose a location that is easy to install if possible.

■ Installation of the Indoor Unit Body



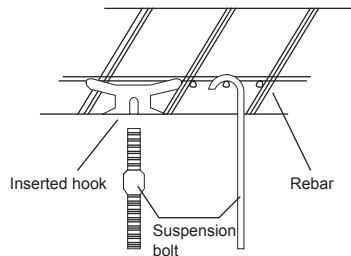
(with the connection pipe facing the left side of the unit in the suspended state)

■ Installation of Indoor Unit

1. Determine the ceiling opening size according to the installation dimensions;

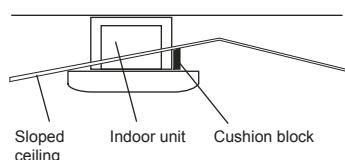
2. Selection of suspension base:

The suspension base must be sturdy, reliable, capable of bearing a weight of over 200kg, and made of wood or reinforced concrete structure. The selected suspension base must be able to withstand a certain amount of vibration and maintain its structural strength and load-bearing capacity for a long time. Consultation with the builder and interior decorator is necessary prior to installation.



3. Fixing of suspension bolts:

Secure the suspension bolts using the illustrated method or install them using iron or wooden frames. When installing the ceiling, ensure that it must be kept horizontal, and the ceiling base plate must be reinforced to prevent the ceiling from vibrating.



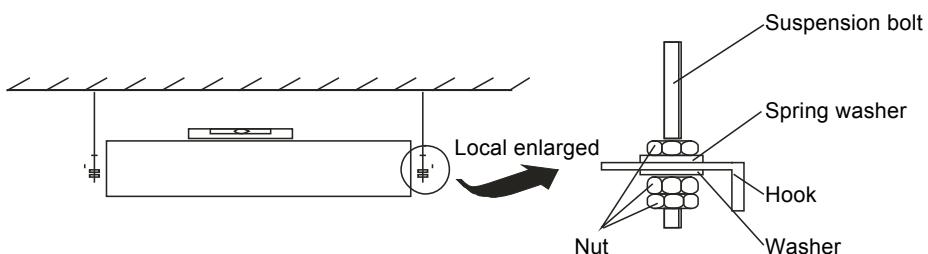
4. If installing the main unit on a sloped ceiling, add a pad between the ceiling and the air outlet panel to ensure that the main unit is installed horizontally.

5. Installation Height : $\geq 2.5m$.

■ Hanging Indoor Unit

Hang the indoor main unit as shown in the diagram below:

1. Adjust the position of the hook on the suspension bolt to ensure that the main unit remains level in all directions. Upon installation, use a spirit level to check the position of the indoor main unit to prevent water leakage or air leakage;
2. Tighten the nuts to ensure that the four mounting hooks are in close contact with the nuts and washers, with no loose hanging;
3. Make sure that the main unit does not shake or move after installation;
4. Make sure that the center of the indoor main unit is approximately aligned with the center of the ceiling opening;



■ Installation of Drain Pipe

⚠ [Note]

Before installing the condensate drain pipe, determine its direction and elevation to avoid crossing with other pipelines, to ensure a smooth slope.

The highest point of the drain pipe should have an exhaust port to ensure smooth drainage of condensate water. The exhaust port must face downwards to prevent debris from entering the pipeline.

It is strictly prohibited to connect the drain pipe to sewage pipes, soil pipes, or other pipes that may produce corrosion or odor, to prevent corrosion of the indoor unit (especially the heat exchanger) and room odors, which severely affects heat exchange efficiency and user experience. Consequences resulting from improper installation shall be borne by the installer.

After the pipeline connection is completed, water and full water tests should be conducted to check for unobstructed drainage and any leaks in the pipeline system.

The drain pipe of the air conditioner must be installed separately from other sewage pipes, rainwater pipes, and drain pipes in the building.

Avoid situations such as slopes, convex pipes, and concave pipes to prevent airflow obstruction and ensure smooth drainage.

All drain pipes should be evenly wrapped with insulation to prevent condensation.

Please follow the method below to connect the drain pipe. Improper installation of pipes may lead to leakage, causing damage to furniture and property.

All interfaces of the drain system must be sealed to prevent leaks.

■ Connection of Drain Pipe

1. The drain pipe can be made of rigid PVC pipe (outer diameter: 25mm). Users can purchase suitable lengths of drain pipes from dealers or local service outlets based on actual installation conditions when purchasing the unit, or directly from the market.

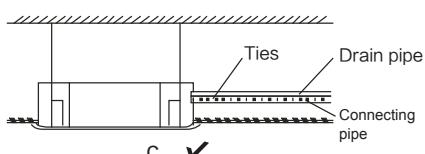
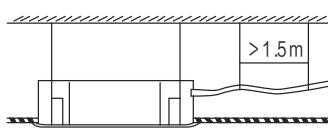
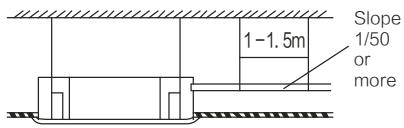
2. Insert the drain pipe into the base of the main drain pipe and tighten both ends with clamps, and insert the outlet pipe insulation sleeve.

◆ Do not exert excessive force to prevent the water drain connector from breaking.

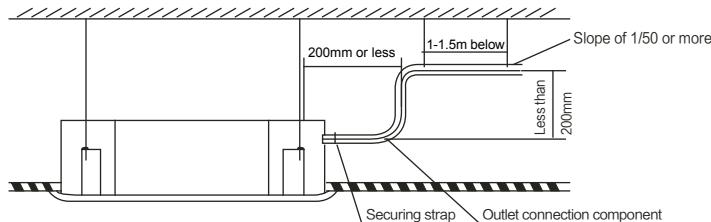
◆ The main drain connection of the main body and the drain pipe (especially the indoor part) must be uniformly wrapped with insulation sleeves and tightened with clamps to prevent air from entering and causing condensation.

◆ To prevent water from flowing back into the air conditioner during shutdown, the drain pipe should incline towards the outside (drainage side) with a downward slope of at least 1/50, to avoid protrusions and water accumulation (see Figure a).

◆ When connecting the drain pipe, do not pull forcefully to avoid exerting force on the main body. Support points should be set every 1 to 1.5m to prevent the drain pipe from bending (see Figure b); alternatively, the drain pipe can be tied to the connecting pipe to fix it (see Figure c).



- ◆ When connecting an extended drain pipe, protect the indoor part with a protective sleeve to prevent the extended drain pipe from loosening.
- ◆ When the outlet of the drain pipe is higher than the main body's drain connection, the drain pipe should be vertically raised as much as possible, and the rising part of the outlet connection component should have a vertical bend, with the rising height less than 200mm. Otherwise, excessive backflow during shutdown may cause overflow (as shown in the figure below).



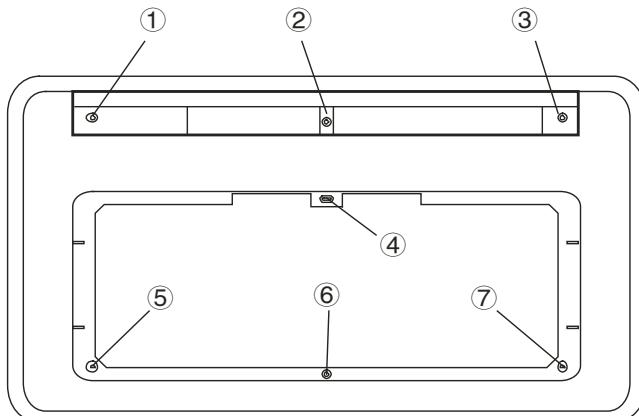
- ◆ All interfaces of the drain system must be sealed to prevent leaks.
- ◆ The end of the drainage pipe should be more than 50mm above the ground or the bottom of the drain gutter and should not be submerged in water. When discharging condensate water directly into the stinking ditch, the drain pipe must bend upward into a U-shaped trap to prevent odors from entering the room through the drain pipe.

■ Testing of drainage pipes

- ◆ Make sure that the drain pipe is smooth before testing, and check whether all interfaces are sealed.
- ◆ A drainage test should be conducted in new rooms before installing the ceiling. Use a water pipe to pour approximately 2,000 ml of water into the drip tray to ensure smooth drainage and no leaks. Insulate the drainage pipe with insulating cotton, as lack of insulation will cause condensation.

■ Panel Installation Guide

Fixing bolt position of panel and body



- 1.Align the screw holes on the panel with the corresponding threaded holes on the indoor unit. Put on the panel and screw in any two diagonal screws into the main unit (screw in but do not tighten fully).
- 2.Plug in the stepping motor lead on the panel and the display connection board wire to the corresponding wires led out from the electrical box, and tidy up the plugged-in leads.

Attention: The leads of stepping motor A and stepping motor B must be plugged in respectively with leads A and B led out from the electric control box. They cannot be connected reversely!

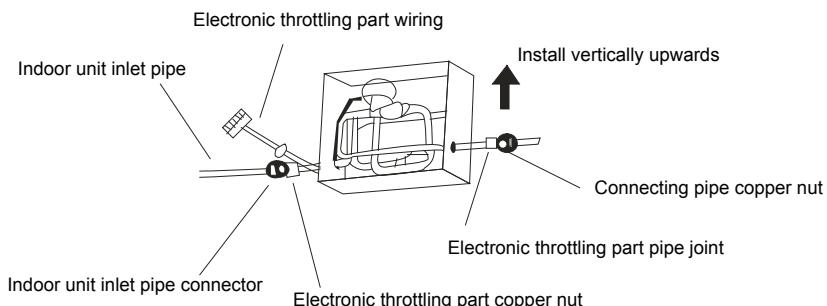
- 3.Screw in other screws of corresponding specifications through the holes on the panel into the indoor main unit.

- 4.Adjust the position and direction of the panel to make the air outlet frame of the panel match the air duct of the water receiving tray of the indoor unit. Tighten the screws to make the panel closely fit the indoor unit.

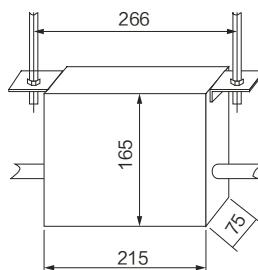
- 5.Install the air inlet grille back according to the steps opposite to removing the panel installation cover and the air inlet grille.

■ Electronic expansion valve component

Please refer to the figure below for installation:



Installation dimensions as shown below:

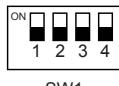


Installation precautions:

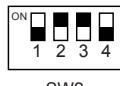
- 1.The electronic throttling part should be installed vertically upwards and horizontally, not tilted or inverted.
- 2.When connecting the electronic throttling part to the indoor and outdoor unit piping, use two wrenches to prevent the copper pipe from cracking and causing leakage.
- 3.Pay attention to the connection direction (refer to the label on the electronic throttling part).
- 4.Electronic throttling part dimensions (L×W×H) = 215×165×75mm.
- 5.The corresponding socket for the electronic throttling part wiring plug on the indoor unit main control board is CN18.

APPLICATION CONTROL

- Set the DIP switches on the PCB board of the indoor unit electrical control box according to their purposes. Ensure to cut off the main power switch before setting the DIP switches, and turn the power back on after setting. The set function cannot be executed without turning the power back on. "■" shows the DIP switch positions, which have been preset at the factory. Non-professionals should not tamper with them.



SW1



SW2



KNOB1

- Definition of functional dial code (SW1)

Function	Dial position	Description	Dial position	Description
Door detection		Use		Disabled (factory default)
Window detection		Use		Disabled (factory default)
Selection of fan speeds		Unshielded (factory default)		Shield high wind
		Shield medium wind		Shield low wind

- Definition of functional dial code (SW2)

Dial type definitions (SW2)	
Q1 ceiling cassette air conditioner	

- Ability definition KNOB1

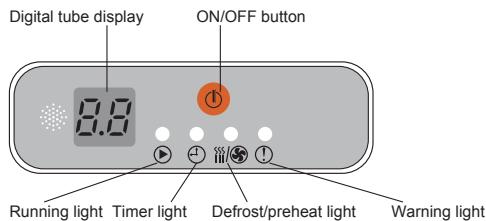
Model	KNOB1
18	0
22	0
28	1
36	2

Model	KNOB1
45	3
50	4
56	4

INDOOR UNIT FAULT DISPLAY

■ LED display:

1. The run light blinks slowly during power-on reset;
2. All indicator lights are off in standby;
3. Run light is on when switching on;
4. Frost/preheat light illuminates when preventing cold air or defrosting;
5. Timer lamp lights up when the timer function is on;
6. In case of malfunction, the malfunction lamp lights up and the running lamp goes out.



■ Digital tube fault display:

When the digital tube displays a fault, the first digit displays the letter d or b, and the second digit displays a number from 1-9 or the letter A.

(As $d8$, for d8; $b8$, for b8; bA , for bA)

Error Code	Error Content	Error Code	Error Content
b1	Ambient temp sensor failure	d1	IDU fan protection (PG motor blockage protection, IDU fan overload protection, DC brushless current protection)
b2	Inlet pipe temp sensor failure		
b3	Middle temp sensor failure	d2	E-heater protection
b4	Outlet pipe temp sensor failure	d3	Full water protection
b5	Temp sensor failure	d4	Anti-freezing protection
b6	Water temp sensor failure	d5	Mode conflict
b7	Indoor EEPROM failure	d6	IDU IP address abnormal (not assigned to IP or IP address conflict)
b8	Swing motor failure		
b9	IDU MAC address failure	d7	Capacity dialling error
bA	Unit model dialling error	d8	Engineering code conflict

TEST RUN

Attention

1. Verify that all valves are open before commissioning.
2. Electrical safety check before commissioning.
3. Try not to carry out forced operation. (Otherwise the protective device may not operate, which is very dangerous.)

1. Test runs must be performed after all installations have been completed.
2. Please confirm the following before the test run.
 - IDUs and ODUs are installed correctly.
 - Piping and wiring are correct.
 - Has the refrigerant piping system been leak tested.
 - Is the drainage smooth.
 - Whether the insulation has been perfected.
 - Earth wire is properly connected or not
 - Has the length of piping, refrigerant charge been recorded.
 - Is the supply voltage equal to the rated voltage of the air conditioner.
 - Whether there are obstacles in the air inlet and outlet of the IDUs and ODUs.
 - Open the gas-side and liquid-side shut-off valves.
 - Turn on the power and let the air conditioner warm up first.
3. According to the user's requirements, install the remote control mounting bracket for the user.
The position of the mounting bracket must meet the requirement of enabling the remote control signal to be transmitted to the indoor unit smoothly.
4. test run
Control the air conditioner with the remote control to do cooling operation, in accordance with the instruction manual to check the following items: (If there is a fault, please press the book " Repair and Maintenance " section to be eliminated.)

REPAIR AND MAINTENANCE

■ Types of faults and methods of handling them

Immediately stop operation of the air conditioner, disconnect the power supply and contact an engineer if any of the following conditions occur:

- The light on the display panel blinks.
- Fuses blow frequently or circuit breakers miss frequently.
- An outside substance or water enters the air conditioner.
- Remote control reception malfunction or abnormal switch operation.
- Other irregularities occur.

In the following cases, please check according to the following requirements, if the problem still can not be solved, please contact the engineer and inform the product model and details of the fault.

Failure	Reason	Method
Non-activation	Power outage	Waiting for power to be restored
	Power switch not on	Turn on the power switch
	Power switch fuse blown	Replacement of fuses
	The batteries in the controller out of power	Replace the battery
	Timed on time not reached	Wait for or eliminating the original time setting
There is air blow out, but the cooling/heating effect is bad	Improper temp setting	Setting the temp properly, turning it down or up
	Air filter clogged with dust or dirt	Clean the air filter
	IDU or ODU air inlet or outlet is blocked	Clean the blockage
	Doors and windows open	Close the doors and windows
Air is blown out, but no cooling (heating) at all.	Objects blocking the air inlet or outlet of the indoor unit or outdoor unit.	First remove the blockage and then restart the operation
	Compressor 3min protection	Waiting
	Improper temp setting	Proper temp setting

⚠ Note: Do not replace the power cord by yourself to avoid danger; do not repair the air conditioner by yourself.

⚠ Note: Set the temp correctly, 2°C lower than desired for heating and 2°C higher for cooling to save energy.

⚠ Note: When using the air conditioner, avoid direct sunlight in the room: Do not open and close doors and windows frequently.

■ Non-Air Conditioning Failure Phenomena

The following phenomena are not indicative of an abnormality in the air conditioner.

1. Common protections for air conditioner

- Compressor protection function
Compressor will not start within 3min of shutdown
- Anti-Cold Air Function (Heating & Cooling Type)
In "Heating" mode, the indoor fan will not supply air if the indoor heat exchanger does not reach a certain temperature under the following three conditions to prevent cold air from blowing out.

• •

- Defrost operation (heating&cooling type)

When the outdoor temp is low and the humidity is high, the heat exchanger of the outdoor unit may be frosted, which will reduce the heating capacity of the air conditioner, in this case, the air conditioner will suspend the heating operation into the automatic defrosting, and resume the heating operation after the defrosting is completed.

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2. Indoor unit emits white aerosol

- When "cooling" operation is carried out in an environment with high relative humidity in the room, white aerosol may be sent out due to the humidity and the temp difference between the air inlet and outlet.
- When the air conditioner is switched to "heating" operation after "defrosting" operation, the moisture generated by defrosting in the indoor unit is discharged as vapour.

3. Lower noise level of air-conditioners

- When the compressor is running or has just stopped running, a low "hissing" sound may be heard, which is the sound made when the refrigerant flows or stops flowing.
- When the air conditioner is running or stop running for a period of time, you may hear a low "squeak" sound which is due to the natural expansion or contraction of the fins and copper tubes when the temp changes.

4. Blowing out dust from the indoor unit

- Dust that has entered the interior of the indoor unit will be blown out when it has not been used for a long time and when it is used for the first time.

5. The indoor unit emits a strange odour

- The IDU absorbs odours from the room, furniture or cigarettes, etc. and emits them during operation.

6. "Cooling", "Heating" mode operation to only air supply mode:

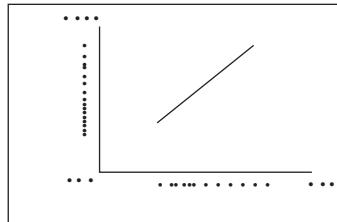
- When all the running IDUs reach the set temperature, the air conditioning controller will automatically stop the compressor operation and switch to the air supply mode only, and when the room temperature rises ("Cooling" mode) or falls ("Heating" mode) to a certain extent, the compressor will be started again to resume the cooling or heating operation.

7. In the more humid (relative humidity higher than 80%) when selecting the "cooling" operation, the surface of the indoor unit may occur condensation and dripping, wind speed selection "high wind", condensation phenomenon will be improved.

8. The system increases the oil return control programme, after the boot operation, not open the indoor machine every few hours will be opened 3min into the oil return control programme.

9. Heating operation (cooling and heating type)

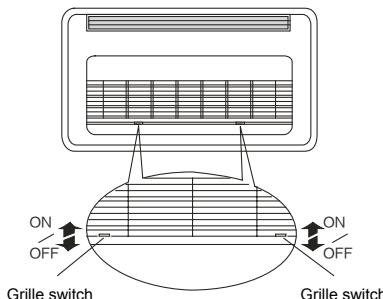
- During the heating process, the air conditioner absorbs heat from the outdoor air and releases it indoors to heat the room air, which is the heat pump heating principle of the air conditioner.
- When the outdoor temp decreases, the air conditioner absorbs less heat, the heating capacity is reduced (see right), while the temperature difference between indoor and outdoor temp increases, the heating load of the room is also increased, if only the use of air-conditioners can not achieve satisfactory results, it is recommended to assist in the use of other heating devices together with the heating.



■ Clean

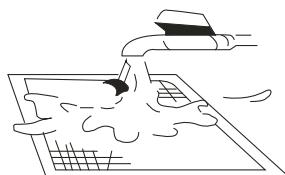
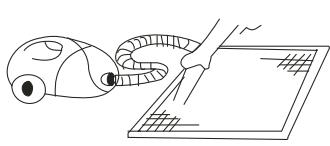
⚠ WARNING: Warning: For your safety, always turn off the air conditioner and cut off the power supply before cleaning.

1. Open the air inlet grille, press the air inlet grille switch while holding the grille (as shown in the figure), then slowly pull it down.



2. Remove the dust filter.
3. Dust filter cleaning: Clean the dust filter using a vacuum cleaner or clean water.
 - A. Use a vacuum cleaner with the intake surface facing up;
 - B. Use clean water to wash with the intake surface facing down.

If the filter is heavily soiled, clean it with a soft brush and a neutral detergent, then shake off excess water and dry it in a shaded area.



Note: DO NOT dry the dust filter in direct sunlight or by heating with fire.

4. Reinstall the dust filter.
5. Follow steps 1 and 2 in reverse to reinstall and close the air inlet grille.

⚠ Note

- The dust filter can remove dust or other particles from the air. If it gets clogged, the air conditioner's performance will significantly decrease. Therefore, if the unit is used for an extended period, make sure to clean the dust filter frequently.
- If the indoor unit is installed in a dusty environment, increase the frequency of cleaning the dust filter.
- If the dirt is severe and difficult to clean, replace the dust filter (replacement dust filters are optional accessories).

■ Connection of Drain Pipe

- Wipe with a soft, dry cloth.
- If stains are difficult to remove, clean with clean water or a neutral detergent.

⚠ Note

Never use gasoline, benzene, solvents, scouring powders, or liquid insecticides, as these can cause discoloration or deformation.

DO NOT allow the inside of the indoor unit to get wet, otherwise electric shock or fire may occur.

When cleaning the air deflector with water, do not scrub it forcefully.

If you use an air conditioner without a dust filter, dust builds up in the air conditioner and often causes malfunctions as it fails to remove dust from the indoor air.

■ Maintenance

Do the following when the air conditioner is not in use for a long time

Set the fan operation to air circulation mode for 3~4 hours to ensure complete drying inside the air conditioner;

Even if not in use for an extended period, do not disconnect the power supply of the indoor unit unless all indoor units within the same outdoor unit system are simultaneously powered off.

When restarting after a long shutdown

Clean the dust filter and indoor unit body only when the machine is stopped and the power is off. Use a soft cloth when wiping the indoor unit body; DO NOT use gasoline, benzene, dilute alkali solution, abrasives, detergents, insecticides, or anything else that may damage the machine;

Make sure that no debris blocks the intake and exhaust ports of the indoor and outdoor units;

Check if the grounding wire is loose or disconnected, then connect the power supply.

■ Connection of Drain Pipe

If your air conditioner does not operate properly, you should immediately turn it off and disconnect the power, and then contact your local central air conditioning customer service center or an authorized technical service provider. Please refer to the User Service Guide attached for details.

**IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT
IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.**



At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-outwheeled dustbin.