

INSTALLATION AND SERVICE MANUAL FOR WALL MOUNTED FAN COIL UNIT



- All installations must be completed by qualified technicians.
- For your convenience, please read this manual and strictly follow the steps indicated in the manual.
- Please keep this manual safe for future use.
- Our company's products are constantly improving and seeking novelty. The data in this document is subject to change without prior notice.
- Only qualified technical personnel are allowed to install and maintain the equipment involved in this document.

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1.Warning statement

The safety precautions listed here are divided into two categories.

In either part, important safety information is listed which must be read carefully.



WARNING

Failure to observe a warning may result in death.



CAUTION

Failure to observe a caution may result in injury or damage to the equipment.



WARNING

- If not strictly followed, it may lead to serious accidents such as personal injury or death.
- To prevent fire, explosion, or injury, air conditioners should not be used when there may be flammable or corrosive gases nearby.
- Combustible sprays shall not be used near air conditioners, otherwise fire may be caused.
- Do not repair, dismantle, reinstall, or modify the air conditioner without authorization. Improper disposal can lead to water leakage, electric shock, fire, etc. When repairing, reinstalling, or damaging the power cord, please call the service hotline.
- Ensure that only the specified power cord is used to connect the air conditioner. If the specified power cord is not used, it may cause electric shock, overheating, or fire.
- Do not let the air conditioning or heating blow directly to the body for a long time, and do not let the room temperature be too cold or too hot, otherwise it may cause discomfort or damage to health.
- Do not extend fingers, sticks, or other objects into the air inlet or outlet. Running fans may cause product malfunctions or damage, and even personal injury.
- Do not operate the indoor unit of the air conditioner, plug and unplug the power cord, or touch the outdoor unit of the air conditioner when your hands are wet, to avoid electric shock.
- Do not clean the air conditioner with water or pour water on it, as this may cause electric shock or fire.
- Do not place containers with water on the air conditioner, such as flower vases, as this may cause electric shock or fire.
- If the power cord is damaged, in order to avoid danger, it must be replaced by professionals from the manufacturer, its maintenance department, or similar departments.
- If the air conditioner cannot function properly, such as not cooling or heating, please call the service hotline. Do not use the air conditioner until the maintenance personnel have resolved the issue.
- If any abnormal phenomena are found (such as burnt smell, etc.), the power should be immediately cut off and a service phone number should be called to seek a solution. Continuing to use in this situation may cause damage, electric shock, and fire.
- Be sure to install a residual current grounding circuit breaker. Not installing a leakage grounding circuit breaker may cause electric shock or fire.
- The power cord of the air conditioner must be connected to a socket with a grounding wire. Do not connect the grounding wire to gas pipelines, drainage pipelines, lightning rods, and telephone grounding wires. Poor grounding of the grounding wire can cause electric shock.
- The cool water in the unit can not lower than 5°C, hot water can not higher than 70°C. Water in the unit must clean, air quality must meet to the standard of clean.



CAUTION

- If not strictly followed, it may lead to accidents such as personal injury or damage to objects.
- Do not use air conditioners to store precision equipment, food, animals, plants, or artworks, as this may affect the performance, quality, or lifespan of the items.
- Do not let the air conditioner blow directly onto plants or animals, as it may cause adverse effects.
- Do not place objects with open flames at the air outlet of the air conditioner, as it may produce toxic gases due to incomplete combustion.
- Do not block the air inlet and outlet of the air conditioner, otherwise it may reduce the performance of the air conditioner or cause malfunction.
- Do not touch the air outlet or heat dissipation aluminum plate of the indoor unit.
- Air conditioners should not be used by individuals (including children) who have physical, sensory, or mental disabilities, or lack experience and knowledge. Unless they receive supervision or guidance from someone responsible for their safety regarding the use of the product.
- Children should be supervised to ensure that they do not play with the air conditioner, otherwise improper operation may harm their health.
- Do not place flammable materials, such as spray, within one meter from the air outlet. The hot air from the air conditioner may cause the spray to explode.
- When using an air conditioner with a stove or heater, please ensure sufficient ventilation. Insufficient ventilation can lead to hypoxia accidents.
- Before cleaning the air conditioner, please make sure to stop running and disconnect the circuit breaker or unplug the power cord, otherwise it may cause electric shock and injury.
- Ensure smooth drainage of the drainage hose. If the drainage is not smooth, it may cause damage to buildings, furniture, etc.
- Do not stack items near the indoor unit to avoid affecting the performance, quality, and lifespan of the air conditioner.

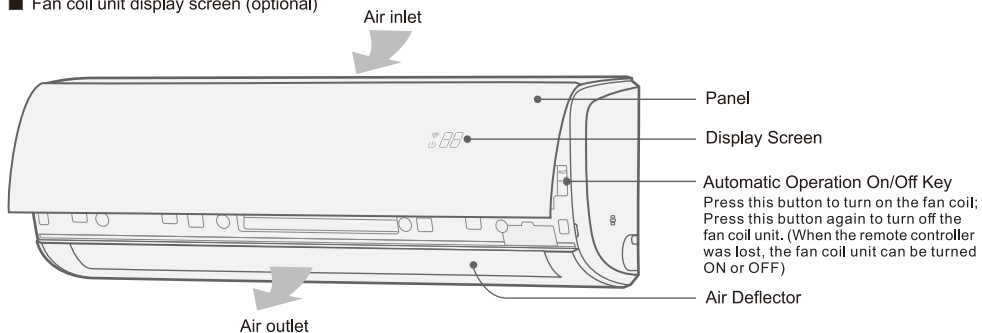
Don't install the Fan coil unit in the following locations:

- Other special conditions.
- There is acid or alkaline liquid evaporating.
- There are inflammable materials or gas.
- There is strong electromagnetic wave existing.
- The Volt vibrates violently (in the factories).
- There is caustic gas (the sulfide, for example) existing in the air (near a hot spring).
- In kitchen where it is full of oil gas.
- In buses or cabinets.
- There is salty air surrounding (near the coast).
- There is petrolatum existing.

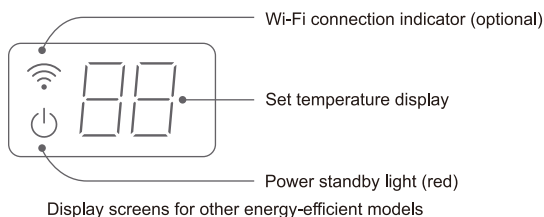
2.User Instructions

2. 1 Typical Construction Description

■ Fan coil unit display screen (optional)



■ Display screen (optional)



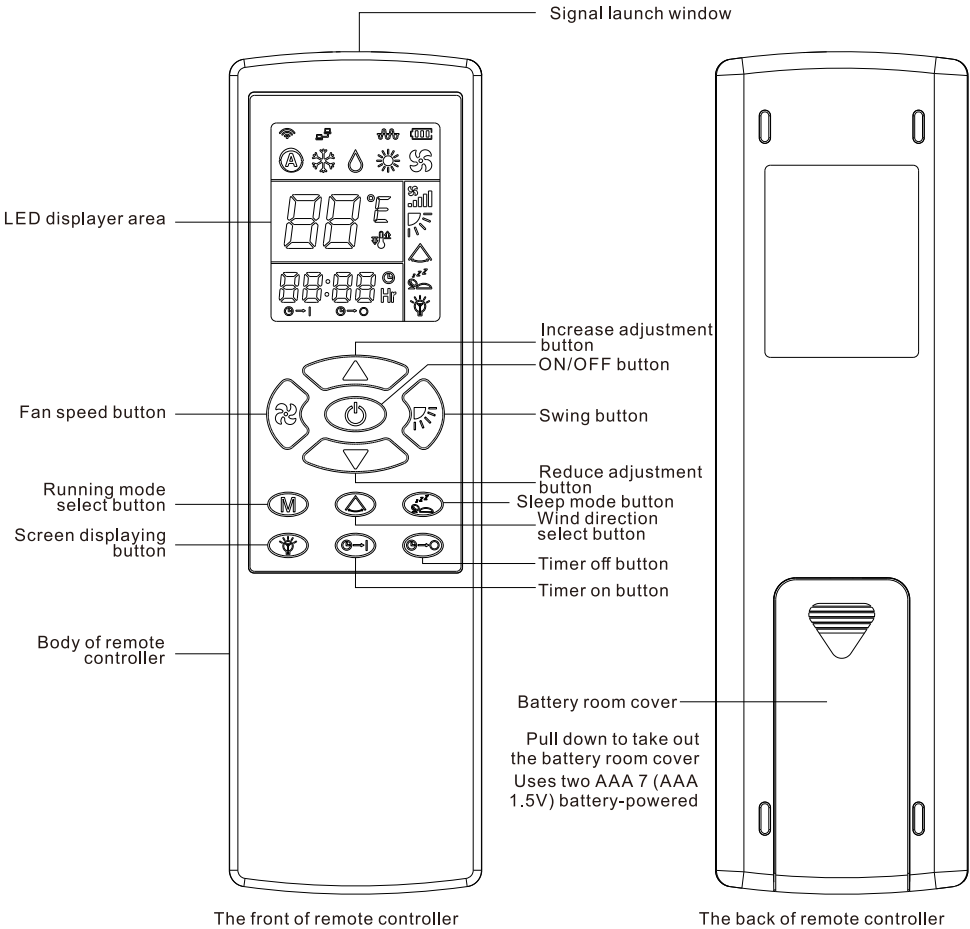
■ Remote control



Note: The appearance of the machine is subject to the actual product.

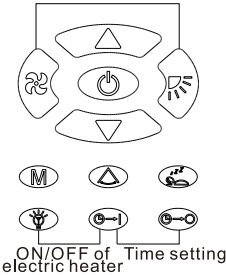
2. 2 Remote control

■ Remote control appearanceAnd button instructions



■ Introduction to Combination Keys

Temperature unit conversion(°C/°F)

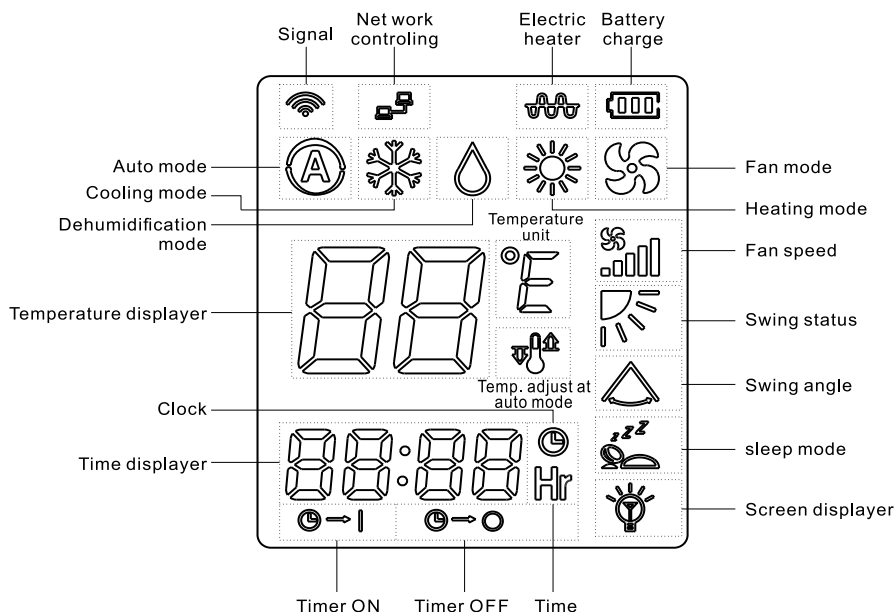


Remark: When press the both button combination, the controller will go into the corresponding mode;

WARNING

- Battery should be taken out if the remote controller if it is not using for long time. Within 6 meters, the remote controller can emit signals effectively; when the air conditioner receive signal, there will be a short "Bi" sound
- When the signal could not be sent or the display becomes lighter,it should change the batteries.Two batteries must be changed at the same time,moreover both batteriet must belong to the same kind.
- Please take care of the remote controller.Falling down on the ground, throwing or dropping in water may cause failing to send signals.
- Please make sure the signals emitting window of remote controller aims at the signal receiver in the air conditioner.Then it can carry out various operations.
Please do not use rechargeable battery.

■ Introducing of LED displayer area



- 1、Signal—Every time when the remote controller sends signal to air conditioner ,this sign flashes one time.
- 2、Net work controlling : When the system was connected to a new work, it will shown(only fit for the net work remote controller);
- 3、Electric heater : When the controller was selected to start the electric heater when heating mode;
(The controller sign just to open a conditioner to let the electric heater to start, but the electric heater can start only when all conditioner were confirmed) ;
- 4、Battery charge: To show the battery charge of remote controller, it was separte to 3 class depend on different battery charge ;
- 5、Auto mode: it will show when the auto mode was selected;
- 6、Cooling mode: it will show when the cooling mode was selected;.
- 7、Dehumidification mode: it will show when the dehumidification mode was selected;.
- 8、Heating mode : it will show when the heating mode was selected;
- 9、Fan mode: it will show when the fan mode was selected;
- 10、Fan speed : to show the selected fan speed;
- 11、Swing status : it will show when the operation to swing angle was selected;.
- 12、Swing angle : it will show when the key "Wind direction select button" was pressed to start or stop the swing.
- 13、Sleep mode : it will show when the sleep mode was selected;
- 14、Screen displayer : it will show when the "Screen displaying button" was pressed;
- 15、Temperature displayer : to show the setting temperature;
- 16、Temperature unit : to show the temperature unit by °C/°F;
- 17、Temp. adjust at auto mode : to show the minute adjustment of temperature setting when auto mode;
- 18、Time displayer : to show the timer time and clock time;
- 19、Clock : it will show when the clock or timer function was selected;
- 20、Time : it show the unit of time(Hour)
- 21、Timer on : it will flash when the timer on function was selected;
- 22、Timer off: it will flash when the timer off fuunction was selected;

■ Introducing of button

ON/OFF Button : Press the button to start/stop the unit.The default status of setting is following:

Auto mode / Auto speed (flash)Auto swing .

The displayer do now show the setting temperature.



In auto mode,the setting temperature can be adjust $\pm 1^{\circ}\text{C}$ or -1°C by using the button and to do adjusting.

After press the controller to stop the unit,the controller will show only battery charge ,time displayer ,clock and the time sign Hr.

Increase adjustment Button : Press the button to increase setting temperature or Timer time or Clock time setting; The default is use to adjust the setting temperature;



For clock and timer setting, it will be act only after going into the timer or clock setting process.
The temperature will increase 1 °C after each pressing and the Max. setting temperature is 31 °C;
When adjusting for time in timer or clock process, the timer will increase 1 hour after each pressing;
A continue increasing of temperature or time will start after keep pressing the button for 3 seconds;
It is no use to do adjust by press this button when the controller is power off or standby;

Reduce adjustment Button : Press the button to reduce setting temperature or Timer time or Clock time setting; The default is use to adjust the setting temperature;



For clock and timer setting, it will be act only after going into the timer or clock setting process.
The temperature will reduce 1 °C after each pressing and the Min. setting temperature is 16 °C;
When adjusting for time in timer or clock process, the timer will reduce 1 minute after each pressing;
A continue reducing of temperature or time will start after keep pressing the button for 3 seconds;
It is no use to do adjust by press this button when the controller is power off or standby;



Swing Button : Press the button to adjust the swing status between $\curvearrowright \curvearrowleft \curvearrowright \curvearrowleft$, it can be selected in any mode unless the controller is power off or standby;



Fan speed Button : Press the button to adjust the fan speed between Auto/Low/Medium/High speed (Auto flash: Auto), it can be selected in any mode unless the controller is power off or standby;



Running mode select Button : Press the button to select the running mode between Auto/Cooling/Heating/Dehumidification/Fan mode. (Auto, Cool, Heat, Dehumidify, Fan)
It can be selected in any mode unless the controller is power off or standby;



Wind direction select Button : Press the button to start or stop the swing;
The air guide louver will stop at the position when pressing the button to stop the swing, and the display will show Δ ; if press again this button, the display will show $\curvearrowright$ and the swing will start again;
It is no use to do adjust by press this button when the controller is power off or standby;



Sleep mode Button : Press the button to start or stop the sleep mode, after the sleep mode was selected, the display will show Sleep , and the fan will changed to auto speed, the running process of unit will abide by the controlling of unit;
It is no use to do adjust by press this button when the controller is power off or standby;



Screen displaying Button : Only fit for the units which have LED/Digital display and have this function to cut off the showing of display;
Press the button to open /close the showing of display;
It is no use to do adjust by press this button when the controller is power off or standby;



Timer on Button : When the unit is standby, press this button to go into the setting of timer on;
After the pressing, the "time display" $88:88$ and "Timer on" Timer on will flash at the same time, then press the $\uparrow$ and $\downarrow$ button to setting the time for timer on; when the "time display" $88:88$ stop flashing, and "Timer on" keep flashing each 0.5 seconds, it mean the setting of timer on was success; Then the other running requirement (like running mode, setting temp, sleep mode, etc) can be setted, the unit will start running abide by the setting status after the timer on time arrived;
Press the Timer on button again to cancel the Timer on setting.
It is no use to do setting when the unit is under running, unless the unit was setted under timer off function;



Timer off Button : When the unit is running, press this button to go into the setting of timer off;
After the pressing, the "time display" $88:88$ and "Timer off" Timer off will flash at the same time, then press the $\uparrow$ and $\downarrow$ button to setting the time for timer off; when the "time display" $88:88$ stop flashing, and "Timer off" keep flashing each 0.5 seconds, it mean the setting of timer off was success; The unit will stop running after the timer off time arrived;
Press the Timer off button again to cancel the Timer off setting.
It is no use to do setting when the unit is power off or standby, unless the unit was setted under timer on function;



Timer ON/OFF combine : It is ok to set Timer off after setting of Timer on, or set Timer on after setting of Timer off; The process of setting is same to each process of Timer on or Timer off.

Remark : The Timer accuracy of remote controller is 1 minute, while it might be different for the Timer accuracy of unit;
The actual action of timer will abide by the controlling process of unit.
And the Timer ON/OFF action will be based on the time (clock) of remote controller;



Time setting combine Button : Press $\uparrow$ and $\downarrow$ at the same time, the controller can go into the setting of time; Use $\uparrow$ and $\downarrow$ to do the setting of clock by Hour and Minute;



ON/OFF of electric heater Button : Press Heater and Timer on at the same time, the controller admit or stop the running of electric heater, when the controller admit the running, the display will show a sign Heater ; After press this button again, the sign will disappear;
(The running of E-heater must also abide by the controlling process of unit);



Temperature unit conversion Button : Press Temp and Temp at the same time, the controller will conversion the temperature unit between °C/°F;
The range of °C is from 16°C to 31°C, and the range of °F is from 60°F to 87°F;
It will be no use to do operation when the controller is power off or standby;

2. 3 Maintenance



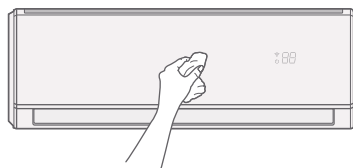
Please note before maintenance

- Before cleaning the fan coil unit, it is necessary to shut down and disconnect the power supply, otherwise there may be a risk of electric shock. Do not wet the fan coil unit, otherwise there may be a risk of electric shock. Make sure not to rinse the air conditioner with water under any circumstances.
- Do not use volatile liquids (such as diluents, gasoline, etc.) to wipe the air conditioner, otherwise it may damage the appearance of the high wall unit. Clean the fan coil unit housing with a soft dry cloth and a damp cloth dipped in neutral detergent.
- Regularly clean the filter to avoid dust covering and affecting its effectiveness. When using fan coil unit in dusty environments the cleaning frequency should increase accordingly. After removing the filter, do not touch the fins of the indoor unit with your fingers to avoid scratching your fingers.

2. 3.1 Cleaning panels and filters

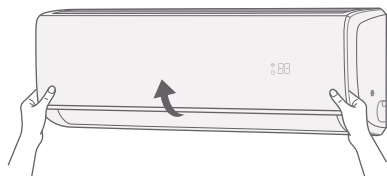
Cleaning the panel

When the fan coil unit panel is dirty, soak the cloth in warm water below 45 °C, wring it dry, and gently wipe the dirty part. Do not remove the panel when cleaning.

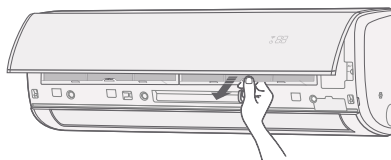


Clean the filter screen

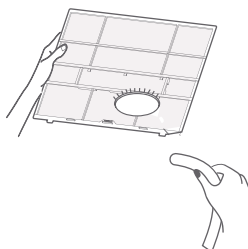
1. Grasp the grooves at both ends of the panel with both hands and gently lift the panel in the direction of the arrow.



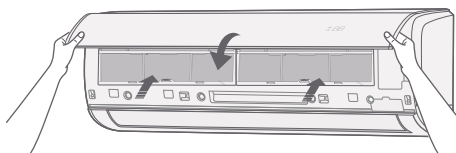
2. Push the air filter out of the slot by hand and remove it (one on the left and one on the right).



3. Use a vacuum cleaner to clean or rinse the filter screen with water. If the filter screen is dirty (if there is oil stains), clean it with warm water (below 45 °C) dissolved in neutral detergent, and then place it in a cool place to dry.



4. Align the dried filter with the slot position and push it into the fan coil unit, then cover the panel.



2. 3.2 When it not in use for a long time

- Disconnect the power cord of the air conditioner from the power socket, otherwise even if the air conditioner is not running, it will consume power.
- Keep the filter screen and indoor unit clean.
- Ensure that the interior of the air conditioner is dry.
- Remove the remote control battery.
- It is recommended to use specialized protective covers to cover the indoor and outdoor units of the air conditioner, to prevent rainwater, dust, etc. from entering the air conditioner and corroding the unit.

2. 3.2 When it needs to be reused after long-term use

- Check if there are any obstacles at the inlet and outlet of the indoor unit.
- Has the filter and indoor body been cleaned.
- Check if the grounding wire is reliably and effectively grounded.
- Check if the battery level of the remote control is sufficient.
- Check if the drainage pipe is unobstructed.

2. 3.3 Scope of usage environment

Operate the system safely and effectively within the following temperature range.

Temperature Mode	Indoor Temperature	Inlet water temperature
Refrigeration	17℃~32℃	5℃~20℃
Heat	5℃~30℃	30℃~70℃



1. If used outside of the conditions on the left side of the unit, it may cause the unit to malfunction.
2. When the indoor humidity is relatively high, condensation on the surface of the unit is a normal phenomenon. If conditions permit, please close doors and windows to reduce humidity.
3. Operating within these temperature ranges will achieve optimal performance.
4. Maximum working water pressure: maximum: 1.6MPa, minimum: 0.15MPa.

2. 4 Troubleshooting

Phenomenon	Operating instructions
Fan coil unit not running	Check if there is a power outage. Is the power plug loose. Is the circuit protection device tripped. Is the power supply line stable. Check if the timing function is used.
Poor cooling (heating) effect of Fan coil units	Check if the temperature setting of the Fan coil unit is appropriate and if the wind speed setting is too low. The air filter may become clogged due to excessive dust accumulation. Check if all doors and windows are closed and if there are any other heat sources indoors.
Remote control malfunction or no display	Check if the remote control is damaged or used incorrectly. Check if the battery level in the remote control is sufficient. Ensure that the operation is carried out within the working range of the remote control. There may be other signal interference between the remote control and the Fan coil unit.
Fan coil unit not supplying air	In heating mode, the fan coil unit automatically prevents cold air from blowing out.
Fan coil unit leaking water	The air humidity is high and the doors and windows are not closed. The filter screen is dirty and not cleaned. The connection of the indoor unit drainage pipe is loose. The temperature setting is too low.
Fan coil unit emits noise	The temperature change during the operation of the fan coil unit causes thermal expansion and contraction of various parts, and making a sound is a normal phenomenon.
The fan coil unit emits a foul odor when starting up	The fan coil unit itself has no odor. It may be due to the accumulation of odors in the environment. If there is still a problem after cleaning the air filter, the fan coil unit needs to be cleaned. Please contact after-sales service.
During refrigeration operation, the indoor unit blows out mist	This phenomenon sometimes occurs when the indoor temperature and humidity are high. This is due to the rapid cooling of indoor air. After running for a period of time, the indoor temperature and humidity will decrease, and the fog will disappear.

When the following phenomena occur, please immediately turn off the air conditioner and disconnect the power, and contact the after-sales service center.

- When the power supply connection wire is abnormally hot or damaged.
- Harsh sounds can be heard during operation.
- An unpleasant odor (burnt smell) is emitted during operation.
- Air switches, fuses, and leakage protection switches often trip.
- Impurities or water are poured into the machine or remote control.
- The indoor unit is leaking water.

Fault codes

Serial Number	Fault Description	Display board fault display	Line controller fault display
1	T1 room temperature sensor open circuit or short circuit	E1	E1
2	T2 inner disc sensor open circuit or short circuit	E2	E2
3	DC motor malfunction	E3	E3
4	PG motor malfunction	E4	E4
5	Prevent cold air	E5	E5
6	Low temperature protection of surface cooler	E6	E6
7	High temperature protection of surface cooler	E7	E7
8	Communication Failure		E8

3. Installation and inspection

3.1 Pre installation instructions



WARNING

- The installation or relocation of fan coil unit requires professional personnel to operate.
 - Fan coil units must be installed by professionals in accordance with national wiring regulations and this manual.
 - Fan coil units installed by non-professionals may cause unnecessary machine malfunctions.
1. Before installation, power lines, grounding, and other electrical safety checks should be carried out to ensure compliance with relevant national regulations and requirements for safe electrical use. It is necessary to use a dedicated power supply branch to supply power to the air conditioner, in order to avoid overloading the circuit during operation and causing heating, short circuit and fire.
 2. According to the mandatory requirements of national standards, when the maximum current of the air conditioner is $\geq 10A$, a circuit breaker or leakage protection switch with a protective device should be used; When the maximum current of the air conditioner is less than 10A, the power cord of the air conditioner should be equipped with a plug.
 3. The normal operating range is 90% to 110% of the rated voltage of 220V.
 4. The grounding should be reliable and connected to the dedicated grounding device of the building, which must be installed by professional personnel. Sufficient capacity leakage protection switches and circuit breakers must be provided in fixed circuits. Circuit breakers should have both magnetic and thermal trip functions to ensure protection for both short circuits and overloads.
 5. air conditioner power cord comes with a plug, which should be accessible after the air conditioner is installed. If the power cord is damaged, it must be replaced by professional personnel to avoid danger. The live wire, neutral wire, and grounding wire inside the power.
 6. Grounding requirements
 - The air conditioner is a Class I household appliance, please ensure that it is reliably and effectively grounded.
 - The yellow and green wires inside the air conditioner are dedicated grounding wires and cannot be used for other purposes.
 - The grounding wire of the air conditioner shall not be connected to gas pipelines, water pipelines, lightning rods, telephone lines, or lines with poor contact between the grounding wire and the ground grounding body.
 7. The connection method between the air conditioner and the power cord, as well as the interconnection method of each dependent component, shall be based on the circuit diagram attached to the machine.
 8. The model and rated value of the fuse shall be based on the silk screen identification on the corresponding controller or fuse.

3. 2 Selection of installation location



CAUTION

- Negotiate with the user and select a location that meets the requirements for installation.
- Stay away from environments with strong heat sources, vapors, flammable and explosive gases, or highly corrosive gases.
- Stay away from places directly affected by artificial strong electricity and magnetic fields, such as welding machines, medical equipment, and transformer rooms.
- Stay away from coastal saline alkali areas or places with oil (mechanical oil) in the air.
- Avoid areas prone to noise and vibration.
- The selected location should be able to withstand more than four times the weight of the unit and ensure safe installation work.
- Choose a place that is convenient for maintenance, repair, and ventilation.
- The indoor unit should be located at least 1 meter away from other household appliances such as televisions and speakers.

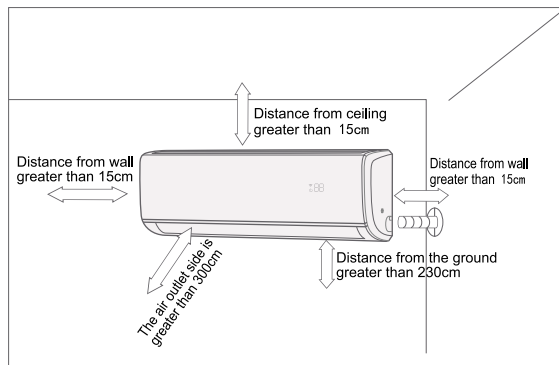
3.3 Install



Installation must be carried out by qualified and trained technical personnel; Improper installation may lead to machine malfunctions, performance degradation, and even safety accidents. Installation must be carried out in accordance with effective national or local regulations.

3.3.1 Installation diagram

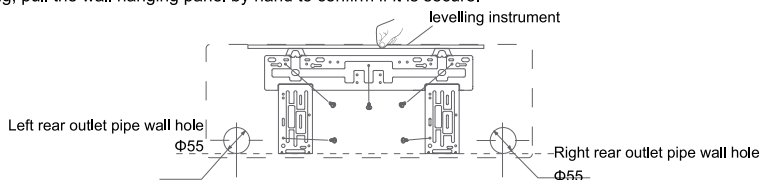
The installation of high wall fan coil units requires a certain amount of space to be reserved with walls or obstacles, which is conducive to air circulation and installation maintenance. The specific requirements are as follows:



3.3.2 Unit installation

Fixed wall hanging panel

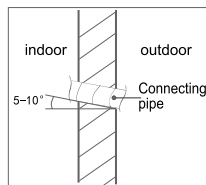
1. Use a level to find the horizontal position. (Indoor unit installation must be horizontal, and inclined installation is prone to water leakage)
2. As shown in the figure below, drill screw holes and embed plastic adhesive particles to fix the wall hanging panel.
3. After fixing, pull the wall hanging panel by hand to confirm if it is secure.



Drill wall holes

1. After determining the position of the wall hole, drill a hole with an inner high and outer low hole size $\Phi 55$. (The lower end of the wall hole for the rear outlet pipe is flush with the lower end of the wall hanging plate, and the wall holes for the left and right outlet pipes can be slightly lower than the wall hanging plate)

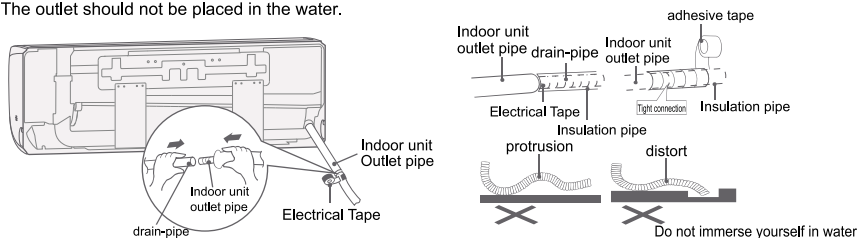
In order to protect the piping and cables from being damaged through wall holes, wall pipes need to be installed, which can also effectively avoid damage Possible insect, ant, and rodent infestations in hollow walls.



Connecting drainage pipes

1. Use electrical tape to wrap the interface multiple times and fix it in place.
2. Take out the insulation pipe from the attachment and wrap it on the drainage pipe.
3. Wrap the insulation pipe with wide tape, starting from the connection between the indoor unit outlet pipe and the insulation pipe, to avoid bouncing after installation. The drainage pipe should not be exposed to the air.

Attention: The insulation pipe is wrapped around the indoor part of the drainage pipe and tightly connected to the sleeve outside the indoor unit outlet pipe; The drainage pipe should be made in a sloping shape and should not be twisted, protruding, or undulating. The outlet should not be placed in the water.



Confirm the position of the outlet pipe

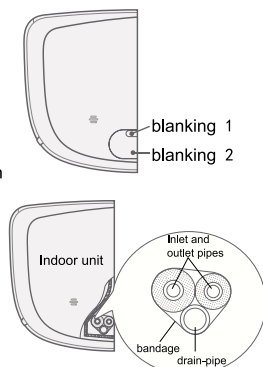
The piping can be led out from three directions: left outlet pipe, right outlet pipe, and rear outlet pipe. When selecting the left or right outlet pipe, the reserved piping cutting part on the air conditioner housing needs to be cut according to the requirements.

1. When only leading out the power cord, cut off material 1;
2. When leading out the connecting pipes, drainage pipes, and power lines, cut off all the materials 1 and 2.

Attention: After cutting off the material, there may be burrs on the side panel. Do not scratch the appearance of the air conditioner when polishing the burrs.

Wrap up connecting pipes and drainage pipes

Pull out the piping from the back of the indoor unit, wrap the piping, wires, and drain pipes with binding tape, and then pass through the piping hole. The indoor and outdoor power lines should be placed close to the bottom foam, and the connecting lines must be placed at the gap between the left and right sides of the drain pipe and the connecting pipe.



Hanging up and installing wall pipes

1. Align the two positioning slots on the upper rear side of the indoor unit with the wall mounted panel, rub the indoor unit left and right to ensure it is in place, and then tightly fasten the lower end of the indoor unit to the wall mounted panel on the two legs of.
2. Arrange the connecting pipes tightly against the wall and install wall pipes to cover the wall openings.

About Electrical Connection Lines

Since the indoor unit is already connected to a power cord, it is only necessary to check for any looseness before wiring.

Warning: Due to one end of the power connection cable being connected inside the machine, if a single machine needs to be powered on for testing, the other end of the power connection cable may be live. Please pay attention to insulation to avoid short circuits or electric shock. When the length of the power connection line is not enough, please contact the designated service provider to replace it with a dedicated wire that is long enough. The power line should not be connected in the middle.

- Do not connect the wrong wires, wiring errors can cause certain parts to malfunction.
- Tighten the terminal screws to prevent loosening.
- After tightening the screw, slightly pull the wire to confirm that it cannot be pulled.
- If the ground wire is connected incorrectly, it may cause electric shock.
- The wiring cover must be securely fixed and the connecting wires must be tightened. If the wiring cover is not installed properly, it may cause dust and moisture to enter or directly affect the wiring terminals, leading to fire or electric shock accidents.

3.4 Inspection and trial operation

Electrical safety inspection

- Does the power supply voltage meet the specifications.
- Check if the power lines, signal lines, and grounding wires are connected incorrectly or missed.
- Whether the grounding resistance and insulation resistance meet the requirements.

Drainage inspection

- Open the panel, take out two filter screens, and slowly pour a cup of tap water from the surface of the evaporator from left to right. It is normal for no water to flow out from the air outlet and other positions.

test run

- Connect the power, turn on the power switch, and use the remote control to control the air conditioner. The fan coil unit operates in cooling mode.
- Observe the trial operation status of the fan coil unit for 30 minutes.
- Operate other functions, perform further checks, and turn off the air conditioner.

Installation completed

- After installation and verification of normal operation, inform the user to carefully read the user manual before use.
- Introduce the usage and maintenance knowledge of air conditioners to users.
- Clean up the work site, return the moved furniture to its original location, and store tools.

3.5 Circuit diagram

