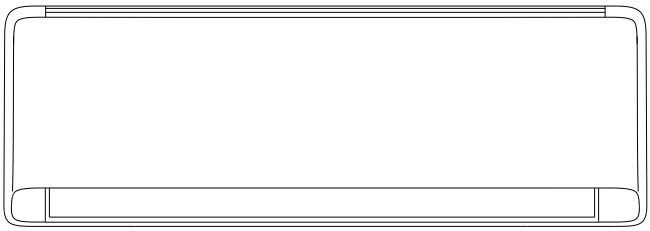
R32

Split Type Wall Mounted Air Conditioner



Instruction Manual

DMLHT1G -09R4CBPH1
DMLHT1W-09R4CBPH1
DMLHT1G -12R4CBPH1
DMLHT1W-12R4CBPH1
DMLHT1G -12R4BBPH1
DMLHT1W-12R4BBPH1
DMLHT1G -12R4BBPH2
DMLHT1W-12R4BBPH2
DMLHT1G -12R4CBPH2
DMLHT1W-12R4CBPH2

- Thanks for using our company's products.
- Please read this manual carefully and thoroughly before operating the unit.
- Take care for this manual for future use.

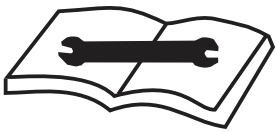
Warning

1. The refrigerant used in the air conditioner is environmentally friendly hydrocarbon R32, which is colorless and odorless, and belongs to the combustible refrigerant with a combustion level of A2L.
2. Please read the user manual before installation, use, and maintenance.
3. The room area for the installation, operation, and storage of air conditioners must meet the area requirement specified on the technical parameter page in the manual.
4. Unless recommended by the manufacturer, do not use any method to accelerate the defrosting process or clean the frosted parts.
5. Air conditioners should be stored in rooms without a continuous source of fire(such as open flames, ignited gas appliances, or turned on electric heaters).
6. Do not puncture or ignite the air conditioner;
7. Vacuum pumps must be used for evacuation operations, and it is strictly prohibited to use refrigerant inside the machine for evacuation.
8. For installation, relocation, or maintenance, please contact the local service centre to dispatch after-sales service personnel to handle it.
9. The use of air conditioner should comply with relevant national gas regulations.
10. The storage of air conditioners should prevent mechanical damage caused by accidents.
11. Be aware that refrigerants may not contain an odour.
12. 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.
13. Children should be supervised to ensure that they do not play with the appliance.
14. 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.
15. The appliance shall be installed in accordance with national wiring regulations.









This user manual is a general manual, and the warning on this page only applies to R32 refrigerant.

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Note:
Executive standard of the product:IEC 60335-1:2010+A1+A2,IEC60335-2-40:2018.With the technological innovation and improvement of the product, the content of the product manual for the same model of this product may be changed. The updated parts are subject to no further notice. We apologize for any inconvenience caused.
All the pictures in this manual are just schematic diagrams, the actual is the standard.Due to product improvements, some parameters may have been changed, and the modified parameters have no traceability to this product. Please refer to the nameplate parameters of this product for accuracy.

⚠ Warning

1.Please read this manual before installation, use and maintenance.
2.Unless specifically recommended by the manufacturer, do not use any method to accelerate the defrosting process or clean frosted areas.
3.Do not puncture or ignite this air conditioner. It should be stored in a room without a continuous source of ignition (such as gas appliances ignited by an open flame, electric heaters, etc.)
4.Please contact the nearest after-sales service center to repair the air conditioner. It is necessary to strictly follow the operating manual provided by the manufacturer, and non professional personnel are strictly prohibited from carrying out repairs.
5.Comply with relevant national gas regulations.
6.When the air conditioner is repaired or scrapped, the refrigerant needs to be recovered and removed.


Flammable


Read user manual


Read installation instructions


Read repair instructions

Safety Precautions

Please read this safety precaution carefully before use and follow it during the installation and use of the air conditioner; Otherwise,it may cause damage to the air conditioner or endanger your or others' personal and property safety.

CAUTION	If not strictly followed, there may be a risk of serious damage to the air conditioner or personal injury or death.
	If not strictly followed, there may be a risk of mild to moderate damage to the air conditioner or personal injury or death.

WARNING

PROHIBITIONS	Before installing, removing, or repairing the air conditioner, it is necessary to contact the dealer or local authorized service center for installation, removal, or repair by authorized units. Installation, removal, or repair by non authorized installation units may cause serious damage to the air conditioner or risk of personal injury or death.
	Before use, ensure that the ground wire is reliably connected. The circuit capacity used for the air conditioner must be sufficient and connected with suitable leakage circuit breakers and fuses, otherwise it may cause electric shock or circuit heating, leading to a fire.
	Do not damage wires or use non designated wires. Do not use extended flexible cords or share sockets with other electrical appliances. Do not pull the power cord to remove the plug or unplug the power plug during operation, otherwise it may cause electric shock or fire.
	Do not spray water on the unit, flush the air conditioner, do not operate the air conditioner when your hands are wet, and do not repair the air conditioner yourself, otherwise it may cause malfunction or electric shock.

 PROHIBITIONS	Don’ t block the air inlet or air outlet. Otherwise, it will reduce the effectiveness of the air conditioner or cause blockage, and even cause a fire.
	Don't put hands or sticks into the air inlets or outlets, don't use your hands to break the air deflector, otherwise it may cause personal injury or damage to the unit.
	Do not touch the outdoor unit or place items on it, otherwise it may cause scratches or electric shock, and items may fall off the unit or cause danger.
	Do not use damaged outdoor unit mounting brackets, otherwise the outdoor unit may fall and cause injury.
	It is prohibited to store flammable and explosive materials in the place where the air conditioner is used.
	This device is not intended for use by individuals (including children) who have physical, sensory, or mental impairments or lack experience and knowledge of use, unless supervised or guided by someone responsible for their safety related to the use of the device. Children should be taken care of to ensure that they do not play with this device.

NOTICE

Prohibition	Do not let the air conditioning airflow directly blow towards the human body, pets, or plants for a long time, and do not let the indoor temperature drop too low.
	Don’ t let the air conditioner blow against the heater appliance. Otherwise it will lead to incomplete combustion, thus causing poisoning.
	Do not use a heater near the air conditioner as it may make the device deform or fade. Do not overload the air conditioner for a long time.
	Do not place other electrical products, furniture, or valuables under the air conditioner. Do not hang or extend clothes hangers or other items into the air outlet.

NOTICE

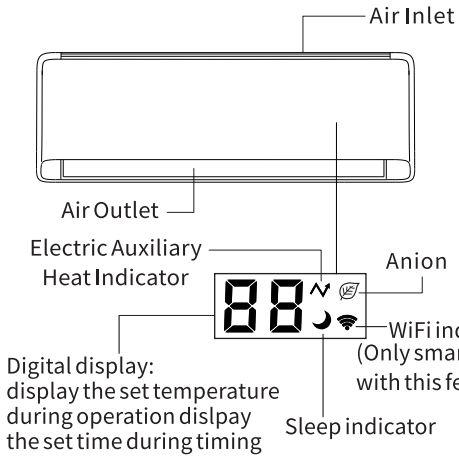
Compliances	Do not leave the doors and windows of the room open for a long time when the air conditioner is running, otherwise it may reduce the effectiveness of the air conditioner.
	Do not open doors and windows during prolonged operation (cooling, dehumidification) of the air conditioner in high humidity weather to prevent condensation water droplets from falling from the indoor unit.

WARNING

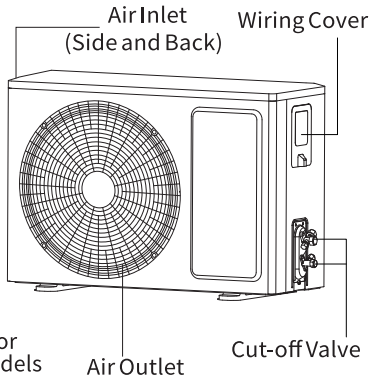
Compliances	Ensure that the power plug is securely plugged in, otherwise it may cause electric shock or fire.
	If any abnormal phenomena are found (such as burnt smell, etc.), please immediately cut off the power supply. If measures are not taken timely, the air conditioner may be damaged, and it may also cause electric shock or fire.
	When not using the air conditioner for a long time or in harsh weather such as thunderstorms, be sure to cut off the power supply. Otherwise, accidents such as fever or fire may occur due to the accumulation of dust.
	If the power cord is damaged, in order to avoid danger, it must be replaced by the maintenance department of the manufacturer or similar professionals.
	Correctly using voltage, this air conditioner allows voltage to fluctuate within a certain range, which can cause damage to the refrigeration system or electrical components when the voltage is too low or too high.
	Ensure that the air filter is correctly installed in place. Missing or improperly installment of air filter can cause indoor units to be blocked by dust and dirt, affecting the effectiveness of air conditioners, and in severe cases, damaging the air conditioner.

Product Introduction

Indoor Unit



Outdoor Unit



Note: Some models don’ t have anion and WiFi indicator function.

Packing List

	Name	Num		Name	Num
Unit	Indoor Unit	1	Accessories	Fixing Screw ST4X25	4
	Outdoor Unit	1		Drain Hose	1
Accessories	Remote Control	1		Wall Sheathing	1
	Hqnging Board	1		Bandage	1
	Instruction Manual& Cercificate of Competency	1		High and Low Pressure Connecting Pipe	1
	Battery	2		Putty for Blocking Wall holes	1
				Refrigerant Anti Disassembly Box	2

Note: All attachments are subject to the actual items inside the packaging.

Conditions of Use

The air conditioner may not operate properly under the following temperature conditions	
Heating Operation	Outdoor temperature＞75°F/24°C
	Outdoor temperature＜5°F/−15°C
	Room temperature＞82°F/28°C
Cooling Operation	Outdoor temperature＞125°F/52°C
	Room temperature＜61°F/16°C
Dehumidifing Operation	Room temperature＜73°F/23°C

Heating Operation Instructions:

At the beginning of the heating operation, the indoor fan will not immediately rotate after startup to prevent cold air from blowing out.When the outdoor temperature is low and the humidity is high, the outdoor heat exchanger may frost, which will reduce the heating capacity of the air conditioner. In this case, the air conditioner will intelligently determine whether the outdoor heat exchanger is frosting, and choose to pause the heating operation and enter automatic defrosting or continue heating operation.

Usage of Remote Control

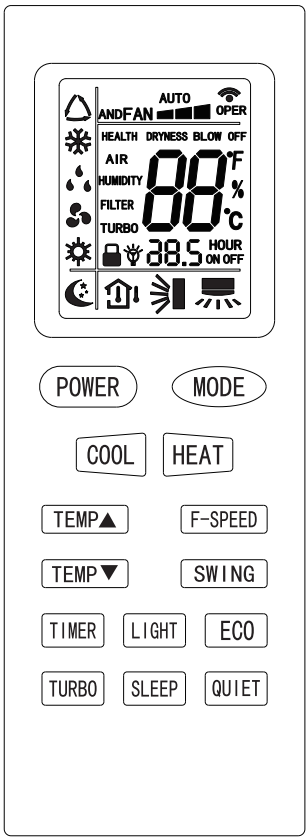
Name and function of remote control button

For the convenience of explanation, the following figure lists all functions and display items. The remote control of the model you actually purchased may not have some functional items. For example, if a cooling only device has no heating function, do not adjust the remote control to the heating state.

Due to the universal nature of the remote control, some function buttons on the remote control may not be effective. The specific functions provided on the actual purchased model shall prevail. For example, if some models do not have self-cleaning function or left and right air swing function, this button is invalid.

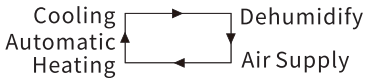
Even if the air conditioner is in a stopped state, the remote control still has some displays. The following remote control is only a schematic diagram, and the actual appearance of the remote control shall prevail.

	Signal transmission		Swing up and down
	Automatic		Sleep
	Cooling	CL	Self-cleaning
	Dehumidify		Turbo
	Air Supply	C2	ECO
	Heating		
	Timer		



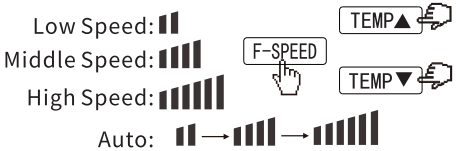
Basic operation

1. Press "POWER" to turn on the air conditioner;
2. Press "Mode" to select the air conditioning operation mode. Press the mode key continuously, and the operation mode will change in the following order:





3. Press "Temp▲" or "Temp ▼" to set the temperature, press for several seconds to quickly adjust the temperature rise or fall.
4. Press F-SPEED to set suitable fan speed.
Auto-Low Speed-Middle Speed-High Speed-Auto.



5. Press ▲▼Swing to set the working status of the upper and lower air deflectors. Simultaneously display on the LCD screen when pressing the key.

Digital display function

1. When the display screen of the indoor unit is in the display state, pressing the "LIGHT" button will turn off the display screen of the indoor unit.
2. When the display screen of the indoor unit is not in the display state, pressing the "LIGHT" button will turn on the display screen of the indoor unit.

SLEEP Function

1. This function is only effective in cooling and heating modes. Press this button to set the sleep function, and the LCD screen will display , Under Sleep mode, the wind speed will be set at low wind. Press the button again to cancel the sleep function, and the wind speed will return to the original setting.
2. Changing the mode, turning on Turbo mode or turning on Quiet mode will exit the sleep function.

TIMER Function

1. Timing shutdown Settings:When remote control is on, press timing key to enter timing OFF adjustment state, display screen flashes "OFF" symbol, press "TEMP▲and "TEMP▼"to select timing time, can be adjusted with in 0.5-24 hours, after adjusting time, press "TIMER" to determine, "OFF" symbol is always displayed.
2.Timed boot setting: In off state ofremote control, press timing key to enter timing adjustment state, display"ON" symbol flashes, press "TEMP▲"and"TEMP▼" to select timing time, can be adjusted with in 0.5-24 hours; Select running state after startup according to mode and wind speed, then press timing key to determine, and"ON" symbol is always displayed.
3.When setting cooling or heating state after startup, press temperature adjustment button to adjust temperature after startup. When setting automatic or dehumidification or air supply mode after startup, there is no need to adjust temperature.
4.Press timing key in timing state ofremote control to cancel timing shutdown setting.

Turbo Mode

1. This mode is only effective in Cooling, Heating, and Air Supply modes. After this mode is started, the upper and lower air deflector symbols are displayed on the LCD screen. The cooling mode is set at 61℉(16℃) and the heating mode is set at 88℉(31℃), which is not adjustable.
2. Pressing this button or changing the mode and wind speed, set Sleep or Quite mode will exit Turbo mode.

Electrical Auxiliary Heating (optional)

In the Heating mode, press the "E-HEAT" button to activate the electrical auxiliary heating function. The remote control will display ≋ Press this button again to stop the electrical auxiliary heating function, and the ≋ icon will disappear. (Note: Cooling only models don’ t have this function)

Quiet Function

Pressing this button will change to low fan speed. Change the fan speed, press this button again, changing the wind speed, set Sleep mode, change mode or turn on Turbo mode will exit the mute function.

1. This function can only be used in cooling and heating mode, after opening , air conditioner will automatically adjust under current setting conditions,which has achieved purpose of energy saving and consumption reduction, Press this button to turn on the ECO function, the display shows “ON” for 5 seconds; press this button again to turn off the ECO function, the display shows “OF” for 5 seconds.
2. Changing mode, seting Sleep, Power,mute will exit this feature.

Note: This function is influenced by factors such as environmental temperature and room structure. When environmental temperature is high or room area is large, please be cautious to use this mode.

Self Clean Function

1. When the air conditioner is in standby mode, press the "QUIET" button for 3 seconds to activate the self-cleaning function.
2. After the self-cleaning function is turned on, the air conditioner display screen displays the "CL" symbol, and the remote control displays "CL" .The air conditioner automatically cleans and the evaporator. It automatically shuts down after running for about 40 minutes. If you want to exit, press the "POWER" button to shut down.

Clean and Care

1.Please read before cleaning:

2.Before clean the air conditioner, it is necessary to stop the machine and unplug the power plug, otherwise it may cause electric shock.

3.Do not wet the air conditioner and ensure that it is not flushed with water under any circumstances, otherwise it may cause electric shock. Volatile liquids such as diluents and gasoline will damage the appearance of air conditioners.(Only use a soft dry cloth and a damp cloth soaked in neutral detergent to clean the cover of the air conditioner.)

4.The filter screen should be cleaned regularly to avoid dust covering and affecting its effectiveness. When the air conditioner is used in a dusty environment, the cleaning frequency of filter screen should be correspondingly increased. After removing the filter screen, do not touch the raised part with your fingers to prevent cutting your fingers.

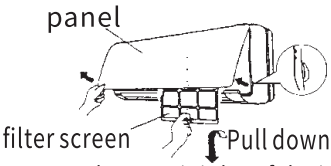
Cleaning the panel

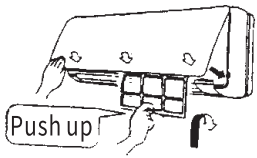
When the panel of the indoor unit is dirty, please soak the cloth in warm water below 45 °C, screw it dry, and gently wipe the dirty part. Do not remove the panel during cleaning.

Clean the filter screen

1.Removal and installation of filter screens (different indoor units have different installation methods, please choose according to the actual situation)

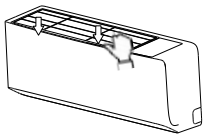
Type 1: Lift the panel, remove and install



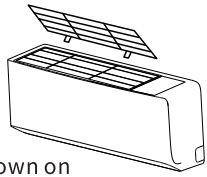


Type 2: From the top air inlet of the indoor unit, gently push the side frame of the filter screen to remove it.

Gently push the filter frame back with your fingers at the arrow position



Place the two clips at the back of the filter screenin the corresponding positions an the back of the air inlet,and genlty press down on the front of the filter screen to reinstall it.



2.Clean the filter screen with a vacuum cleaner or water.If the filter screen is very dirty (such as oil stain), clean it with warm water below 45 °Cdissolved inneutral detergent, and then dry it in a cool place.

3.After cleaning, reinstall the filter screen according to the above method.



Notices for Installation

1.To ensure the normal operation of the device, please read this manual carefully before installation, strictly follow this manual as much as possible, and comply with the requirements of local regulations for the installation of room air conditioners.

2.Please entrust local distributors or service outlets to arrange for professional personnel with air conditioning installation certificates to install. Users are strictly prohibited from installing on their own.

3.The unit must be reliably grounded during installation.Before connecting to the power supply, it is necessary to carefully check whether the wiring and piping are completely correct and secure.

4.The maximum connecting pipe length between indoor and outdoor units should not exceed 50ft (15 meters). If the distance between indoor and outdoor units is longer than 25ft (7.5 meters), please charge additional refrigerant 0.13oz/ft .

5.After installation, please use the air conditioner correctly according to the provisions of this manual and keep it for future maintenance and relocation.

6.Please carefully check whether the invoice matches the purchased model before installation.

Selection of Installation Location

Indoor unit:

1.A sturdy and vibration free wall

2.In order to facilitate the disassembly and assembly of the air filter screen, the air flow at the inlet and outlet should be unobstructed, ensuring a distance from walls, ceilings, and other obstacles. The basic requirements for the installation position of indoor units are: left and right sides ⩾4.72in (12cm), upper side ⩾5.91in (15cm), and lower side ⩾78.74in (200cm).

3.The air conditioning can blow into the entire room.

4.The maximum length distance between indoor and outdoor units is 50ft (15 meters), and the maximum height distance is 32.8ft (10 meters).

5.No direct sunlight.

6.A place convenient for drainage.

7.More than 3.28ft (1 meter) away from TV and radio(because television may cause interference and noise to the device)

8.Maintain a distance of at least 3.28ft (1 meter) from fluorescent lamps and other lighting fixtures(because it may hinder the normal operation of the remote control)

Outdoor unit:

1.Places where strong winds are difficult to reach.

2.A well ventilated area with minimal dust.
3.Places that are not easily exposed to rain or direct sunlight.
4.Places that children will not touch.
5.Places where operating noise or blowing hot air does not affect neighbors.
6.It should be firmly installed on a sturdy platform to avoid vibration or increased noise.
7.Hazardous areas with flammable gas leakage should be avoided.
8.When the unit is installed at a height, the machine feet must be firm.
9.Basic requirements for the installation space position of outdoor units:
Left ⩾11.8in (30cm), Right ⩾23.6in(60cm), Back ⩾11.8in(30cm), Upper ⩾11.8in(30cm), Front ⩾78.7in(200cm).

Note:
Installation in the following locations may cause air conditioning malfunctions. If unavoidable, please contact our designated unit.
1.Coastal areas and other areas with high salt content
2.Places with sulfur gas
3.Places where mechanical oil is commonly used (such as exhaust vents of range hoods)
4.Hot spring area
5.The places with high-frequency facilities, such as radio equipment, welding machines, and medical equipment.
6.Other places with special atmospheric environments

Safety Requirements

1.If there are serious safety hazards in the user's electrical environment, the installation personnel should refuse the installation and explain the reasons. Installation can only be carried out after the user eliminates safety hazards.
2.The fluctuation range of power supply voltage should be within ± 10%. If it does not comply, measures should be taken to correct it.
3.The circuit should be equipped with a leakage protector and a main switch. Fuses cannot be replaced with copper wires, etc. The fuse should be selected based on the sum of the maximum current of the air conditioner on this line, which is 1.5 to 3 times, plus the maximum current of other electrical appliances.
4.The user's power line should have an effective grounding wire. If not, the installation personnel should refuse to install it and explain the reason.
5.The air conditioner must be powered by a dedicated power supply branch line, and the distribution wiring must comply with relevant regulatory requirements.

During installation

1.The power connection wires (including high-voltage signal wires) for indoor and outdoor units must use neoprene wires, and polyvinyl chloride wires are not allowed. It is strictly prohibited to lengthen or cut them by oneself. Long power cords should be neatly and smoothly arranged, and it is strictly prohibited to wrap them in small circles.

2.The grounding wire must use yellow/green wire and have sufficient wire diameter. It is strictly prohibited to connect it to water pipes, gas pipes, and lightning protection wires.

3.When wiring, it is necessary to follow the electrical circuit diagram pasted inside the machine and verify the accuracy of the actual object before connecting it.

4.The connection position between indoor and outdoor units must be selected well to avoid direct sunlight.

WARNING:No wiring is allowed in the middle of the power cord. Cutting the power cord and connecting the extension wire of the socket to the cutting point is absolutely dangerous. Improper wiring is the main cause of accidents.

Installation of indoor unit

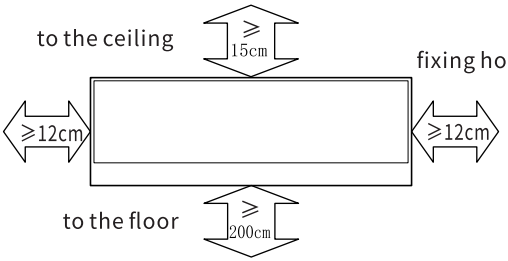
Fixing hanging plate:

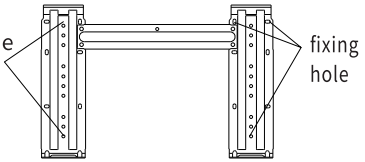
1.Choose a sturdy wall and use a line hanging method or a level ruler to find the level. Indoor units must be installed horizontally and cannot tilt left or right to prevent water leakage.

2.Leave appropriate space around the unit.

3.Fix the hanging plate with ⩾ 5 screws, left ⩾ 2, right ⩾ 3.

4.After installation, pull the hanging plate by hand to determine if it is secure.

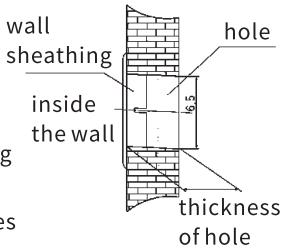




Drilling holes on walls:

1.The diameter of the hole is 60-80mm, and the outer side of the opening wall should be lower than the inner side of the wall to prevent rainwater from flowing back into the room.

2.Drilling should avoid reserved parts such as pipelines or steel bars inside the wall



3.Thread the wall sheath into the hole

Piping operation:

1.Put the refrigerant pipes, drainage pipes, and indoor and outdoor connecting wires together, and wrap them with wrapping tape.

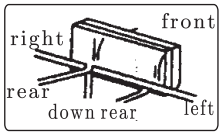
2.Please note that the drainage hose should be placed below the connecting pipe, and the indoor and outdoor connecting wires should be placed in the middle of the upper part of the connecting pipe.

3.The piping can be extended in five directions: rear, right, left, lower, and rear left.

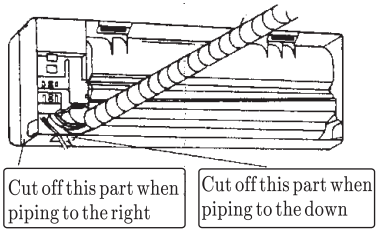
4.Don’ t lift or bend the drainage hose.

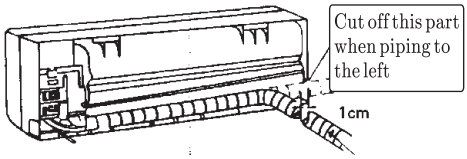
5.Don’ t wrap the drainage hose tightly.

6.Tie tightly with a binding tape from the elbow
(the overlap of the bandage should be 1/2 its width.



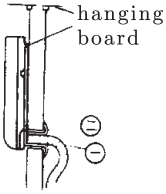
7.If the pipeline is arranged from the left side, wrapping tape should be wrapped 1cm inside the unit.

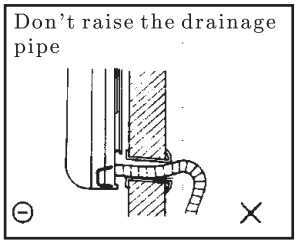


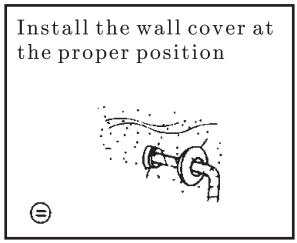


Installation of indoor unit

Pass the pipeline through the wall, install the unit from top to bottom on the hanging board, and fix the lower part with hooks.





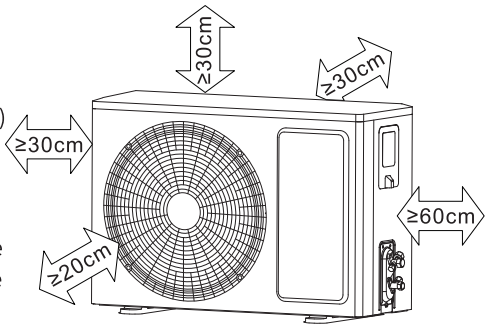


Installation of outdoor unit

1.It should be installed in a stable location. (such as on concrete objects)

2.When there is vibration, shockproof rubber pads should be placed.

3.The outdoor unit cannot be directly installed on the ground, but should be installed on a bracket with reasonable structure, sufficient strength,



and stable installation. The bracket must be fixed with expansion bolts.

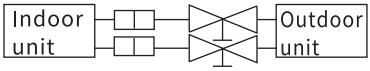
4. Sufficient space should be left around the outdoor unit.

5. After installation, please use cover to protect the valve to avoid danger.

Connection of pipelines:

As shown in figure, the refrigerant pipeline connects the indoor unit and the outdoor unit.

If the length of the pipeline exceeds 25ft(7.5m), additional refrigerant needs to be added.



Length of the pipe	≤ 25ft (7.5m)	No need to replenish refrigerant
	> 25ft (7.5m)	Replenish refrigerant as 0.13oz/ft

The main cause of refrigerant leakage is defects in the expansion operation. Therefore, before installing the connecting pipe, the quality of the expansion should be carefully checked. If there are defects in the expansion, the pipeline should be cut and re expanded

1. Indoor unit connectionConnect the thick and thin pipes to the indoor unit.When connecting, the center should be aligned first. Then tighten the connecting nut by hand for the first 3-4 turns.According to the torque table standard, tighten with two wrenches, as excessive tightening may damage the flares.

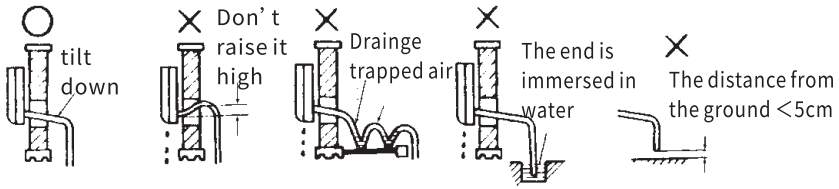
Outside diameter (in)	Torque (N. m)
1/4	15～21
3/8	35～40
1/2	40～46

2. Outdoor unit connection

Connect the pipeline to the shut-off valve of the outdoor unit using the same method used for indoor unit connection.Use a wrench to clamp the valve body, use a torque wrench to clampthe connecting nut, and use the same torque as the indoor unit to connect the pipeline to the outdoor unit.

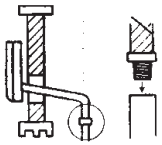
Drainage pipeline:

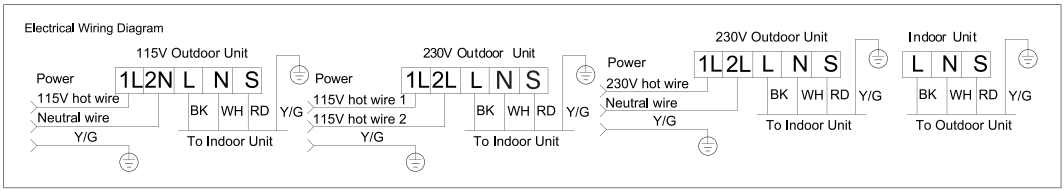
To ensure smooth discharge of the condensate water, the drainage pipeline should be configured with a downward tilt.Do not allow the drainage pipeline connection to show the following situations.



If the length of the drainage pipe of the indoor unit is not long enough, the attached drainage hose should be used.

When the drainage hose needs to pass through indoors, it must be wrapped with insulation material to prevent condensation.





Troubleshooting

Protection and fault type	Indoor display	Fault cause analysis
Indoor ambient temperature sensor failure	E1	Short circuit or open circuit of internal motherboard or sensor
Indoor coil temperature sensor failure	E2	
Indoor fan failure	E6	Internal unit motherboard or fan does not rotate, abnormal speed

For details about the fault code of the frequency converter, see the fault code description pasted inside the outdoor unit top cove

Note:

If the above schematic diagram is not completely consistent with the wiring schematic diagram on the machine, please refer to the one on the machine. The installation method is shown in the above figure: connect the connecting wires according to the specified color and order, and connect the signal wire (if any) joints according to the specified method.

1. Be sure to recognize the color, serial number, and diameter of the wires during installation. The power connection wires from the indoor unit to the outdoor unit must correspond one by one and must not be connected incorrectly. Otherwise, it may cause damage to the air conditioner, blown fuses, and even cause major accidents.
2. The yellow green line is the grounding wire and must be reliably grounded, otherwise it may cause electric shock.
3. After installation, the power supply connection line must be tightly fixed with a cable pressing plate, otherwise it may cause danger. Before tightening, the wire should be pulled to a natural straight state, and the excess part should be wrapped around a suitable position outside the body and tied to prevent wear and scratches on the source connection wire.
4. The screws on the wiring terminals must be tightened and not loosened. After twisting, gently pull the wire part to confirm if it is secure.
5. If the connecting wire is not long enough, a longer connecting wire should be replaced, and the wire diameter must comply with regulations and the color must be consistent. It is strictly prohibited to extend short wires.

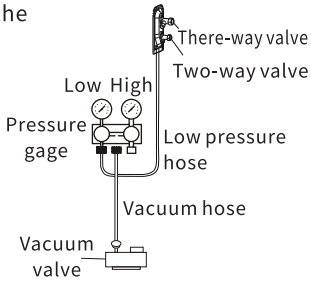
Test Run

Vacuum pumping and leak detection operation

After confirming that the system pipeline joints have been tightened

to the specified torque, the pipeline cleaning and air exhaust can be carried out.

1. Remove the nuts and maintenance port nuts from the two-way and three-way valves, and connect the low-pressure hose on the dedicated pressure gauge to the maintenance port. (The shut-off valves on the two-way and three-way valves are closed)



2. Fully open the low-pressure switch on the pressure gauge and activate the vacuum valve
3. Vacuum for about ten minutes (the duration depends on the size of the vacuum pump and the model size), confirm that the pressure gauge indicates -0.1 Mpa, turn off the low pressure switch, and then turn off the vacuum pump. If the pressure does not rise within 5 minutes, proceed to the next step of operation. Otherwise, vacuum again.
4. After vacuuming is completed, open the shut-off valve of the two-way valve counterclockwise, hold for ten seconds, and then close it for leak detection (if there is a leak, reconnect the piping, and then proceed with the above operation).
5. Quickly unscrew the low-pressure hose and open the two-way valve and three-way valve with a Hex key.
6. Tighten the nut onto the valve body.

Indoor unit drainage experiment

Slowly pour a cup of water into the indoor unit evaporator. If the water can flow out of the water pipe outside the wall, it is normal.

Trial operation procedure

Before trial operation, please carefully check whether all wiring and piping are completely correct and reliable, whether the shut-off valve is fully open and whether the air conditioning is reliably grounded.

1. When turning on the air conditioning power, the indoor unit beeps.
2. Turn on the air conditioning using the remote control. When the room temperature is 0~20 °C, set the air conditioner at heating state of 25 °C to test its heating function. When the room temperature is 20~45°C, set the air conditioner at cooling state of 16°C to test its cooling function.

Trial operation inspection

Check the following items according to the relevant content in this manual.

1. Indoor unit

Whether the noise is normal ?
Whether each indicator light lights up normally ?
Whether drainage is normal?

2. Outdoor unit

Is there any abnormal sound or vibration during operation ?
Does the sound, wind, and water generated affect neighbors ?
Is there any gas leakage ?

3. Remote control

Are all buttons working properly?
Can the indoor unit emit a beep sound when transmitting signals?

Service guide

Common phenomena and faults

Before reporting an air conditioner malfunction, please check the following points first

Phenomenon	Reason
Unable to operate	Is the power plug plugged in properly ? Is there an error in the operation of the remote control ? Is the voltage too low ? Incoming call after power outage When there is unstable power supply or power outage caused by thunderstorm weather, Please unplug the power plug and wait for 3 minutes to plug in the power supply, or suspend use.
The compressor stops running during operation	In dehumidification mode, the compressor runs for 10 minutes, stops for 6 minutes, and then cycles through the operation. The indoor temperature has reached the remote control setting temperature. Is the voltage unstable ?
In heating mode without heating blowing out	Is the compressor in the delay phase? (To protect the compressor, there is a delay of several minutes for each start) The heating system has a function of preventing cold air from blowing out. Please wait for a moment after the compressor works Is it defrosting ? After defrosting, the heating air will blow out automatically
Poor cooling or heating effect	Is the filter screen dirty ? Is the air conditioning inlet and outlet blocked ? Is the room temperature too low in the heating mode ?
High operating noise	Similar to the sound of flowing water, it is the sound of refrigerant flowing in the pipeline.Similar to the sound of compressed air leaking out. This is the sound of refrigerant backflow during the start and completion of defrosting during the heating mode.
Remote control display is abnormal	Is the battery dead ? Is the positive and negative polarity of the battery correct ? Is the button stuck or not ejected ? Remove the battery and reinstall it
Air conditioner leaks condensate	If the air conditioning operates for too long, dew will be generated at the air outlet, and occasionally water droplets will come down. Please do not place valuables under the indoor unit.When the air humidity is high, it is normal for water droplets to fall from the connecting pipes and shut-off valves of the external unit.

Hazardous Substance Weight Table

Component	Hazardous Substance					
	(Pb)	(Hg)	(Cd)	(Cr (VI))	(PBB)	(PBDE)
Compressors and its accessories	×	○	○	○	○	○
Refrigerant	○	○	○	○	○	○
Motor	×	○	○	○	○	○
Heat exchanger	×	○	○	○	○	○
Pipeline components	×	○	○	○	○	○
Valves	×	○	○	○	○	○
Fasteners such as screws and bolts	○	○	○	×	○	○
Sheet metal parts	×	○	○	○	○	○
Controller and electrical components	×	○	○	○	○	○
Sponge	○	○	○	○	○	○
Foam	○	○	○	○	○	○
Plastic parts	○	○	○	○	○	×
Compressor damping pad	○	○	○	○	○	○
Power cord and connecting cable	○	○	○	○	○	○

Note:

1.This table is written according to SJ/T 11364-2014.

2. "○" indicates that the content of the harmful substance in all homogeneous materials of the component is below the limit requirements specified in GB/T 26572-2011.

3. "×" indicates that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T 26572-2011.

4.The components with X in the above table cannot be replaced at present due to technical reasons, and will be replaced or improved in the future with technological progress.

5.This product has an environmentally friendly life span of 15 years under normal use.

After sale service

If you have any doubts or dissatisfaction with the products and services we provide, you can call our service hotline to report. We will handle your opinions reasonably, promptly, and properly.

Free Warranty Policy

Users who purchase our company's air conditioners and have completed warranty procedures according to regulations can enjoy the complete machine warranty service provided by our company.

Free warranty conditions:

1.Providing valid purchase invoices or vouchers, and within the warranty period.

2.Personnel must be arranged by our designated service network for installation and maintenance.

3.Non human caused malfunctions.

4.If the purchase voucher cannot be presented, it will be calculated based on the factory date on the product bar code.

Beyond the scope of warranty services

1.Fault caused by user power supply not meeting national safety electricity standards

2.Dirty, blocked or corroded evaporator and condenser due to harsh user usage environment

3.Damage caused by improper user use and storage

4.Damage caused by installation, repair, or movement of service points not designated by our company

5.No warranty card, valid purchase voucher, and failure to complete warranty procedures

6.The purchased air conditioner has exceeded the warranty period

7.Damage caused by force majeure

8.Service items and contents not promised by our company

Anhui Demuller Technology Co,Ltd.
Crossroad of Wangying Road and Xincheng Avenue,Shitan Industrial Park,Quanjiao County,Chuzhou City,Anhui Province,PRC.