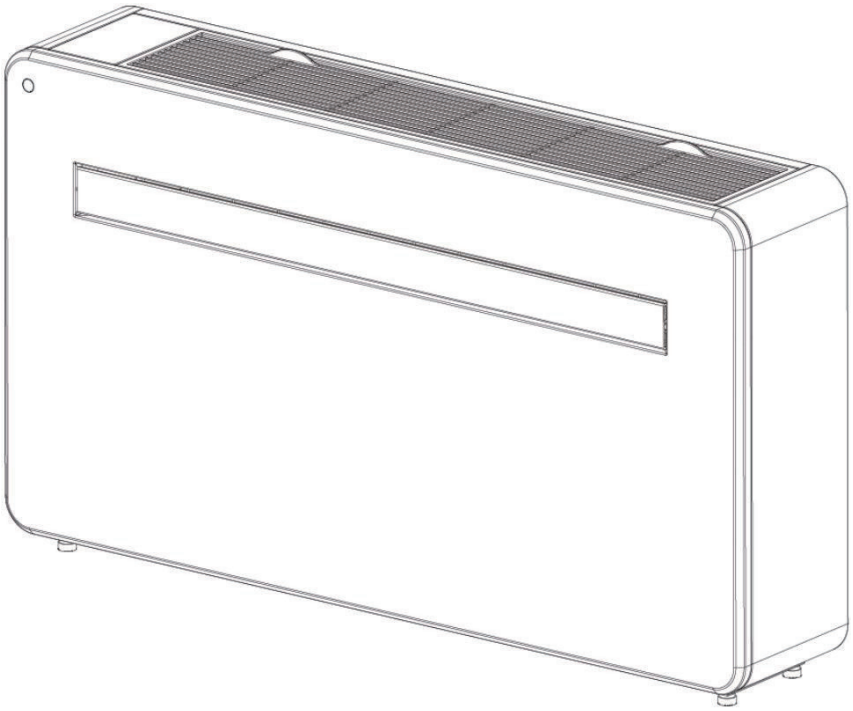
WAYSOS

COMPACT-AIRE PRO



CAPRO0010K115V

THROUGH-WALL HEAT PUMP

USER MANUAL

INSTRUCTION, REPAIRING APPLIANCES CONTAINING R32

1. Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. For repair to the refrigerating system, the following precaution shall be completed prior to conducting work on the system.

2. Work procedure

Work shall be undertaken under a controlled procedure so as to minimize the risk of a flammable gas or vapor being present while the work is being performed.

3. General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided.

4. Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially toxic or flammable atmospheres.
Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

5. Presence of fire extinguisher

If any hot work is to be conducted on the refrigerating equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO2 fire extinguisher adjacent to the charging area.

6. No ignition sources

No person carrying out work in relation to a refrigerating system which involves exposing any pipe work shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. “No Smoking” signs shall be displayed.

7. Ventilated area

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

8. Checks to the refrigerating equipment

Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer’s maintenance and service guidelines shall be followed. If in doubt, consult the manufacturer’s technical department for assistance.

The following checks shall be applied to installations using flammable refrigerants:
– the actual refrigerant charge is in accordance with the room size within which the refrigerant containing parts are installed;
– the ventilation machinery and outlets are operating adequately and are not obstructed;
– if an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant;
– marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected;
– refrigerating pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

9. Checks to electrical devices

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised.
Initial safety checks shall include:
• that capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;
• that no live electrical components and wiring are exposed while charging, recovering or purging the system;
• that there is continuity of earth bonding.

10. Repairs to sealed components

During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc.
Ensure that the apparatus is mounted securely.
Ensure that seals or sealing materials have not degraded to the point that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer’s specifications.
NOTE: The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

11. Repair to intrinsically safe components

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use.
Intrinsically safe components are the only types that can be worked on while live in the presence of

a flammable atmosphere. The test apparatus shall be at the correct rating.

Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

12. Cabling

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

13. Detection of flammable refrigerants

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

14. Leak detection methods

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants. Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed. Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work. If a leak is suspected, all naked flames shall be removed/extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

15. Removal and evacuation

When breaking into the refrigerant circuit to make repairs – or for any other purpose – conventional procedures shall be used. However, for flammable refrigerants it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to:

- remove refrigerant;
- purge the circuit with inert gas;
- evacuate;
- purge with inert gas;
- open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders. For appliances containing flammable refrigerants the system shall be purged with oxygen free nitrogen to render the appliance safe for flammable refrigerants. This process may need to be repeated several times. Compressed air or oxygen shall not be used for purging refrigerant systems.

For appliances containing flammable refrigerants, refrigerants purging shall be achieved by breaking the vacuum in the system with oxygen-free nitrogen and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final oxygen-free

nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. This operation is absolutely vital if brazing operations on the pipe-work are to take place.

Ensure that the outlet for the vacuum pump is not close to any potential ignition sources and that ventilation is available.

16. Charging procedures

In addition to conventional charging procedures, the following requirements shall be followed.
• Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.
• Cylinders shall be kept in an appropriate position according to the instructions.
• Ensure that the refrigerating system is earthed prior to charging the system with refrigerant.
• Label the system when charging is complete (if not already).
• Extreme care shall be taken not to overfill the refrigerating system.
Prior to recharging the system, it shall be pressure-tested with the appropriate purging gas. The system shall be leak-tested on completion of charging but prior to commissioning.
A follow up leak test shall be carried out prior to leaving the site.

17. Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of recovered refrigerant. It is essential that electrical power is available before the task is commenced.
a) Become familiar with the equipment and its operation.
b) Isolate system electrically.
c) Before attempting the procedure, ensure that:
• mechanical handling equipment is available, if required, for handling refrigerant cylinders;
• all personal protective equipment is available and being used correctly;
• the recovery process is supervised at all times by a competent person;
• recovery equipment and cylinders conform to the appropriate standards.
d) Pump down refrigerant system, if possible.
e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
f) Make sure that cylinder is situated on the scales before recovery takes place.
g) Start the recovery machine and operate in accordance with instructions.
h)Do not overfill cylinders (no more than 80 % volume liquid charge).
i) Do not exceed the maximum working pressure of the cylinder, even temporarily.
j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
k) Recovered refrigerant shall not be charged into another refrigerating system unless it has been cleaned and checked.

18. Labelling

Equipment shall be labelled stating that it has been decommissioned and emptied of refrigerant. The label shall be dated and signed. For appliances containing flammable refrigerants, ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

19. Recovery

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labeled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure-relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of all appropriate refrigerants including, when applicable, flammable refrigerants. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt. The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant waste transfer note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.

If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.

Safety and Instructions

READ ALL INSTRUCTIONS BEFORE USE.

Your safety and the safety of others are very important.

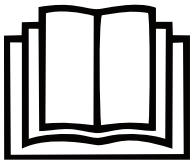
We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.



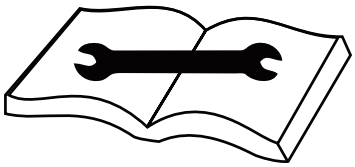
A2L

This symbol shows that this appliance uses a flammable refrigerant.
If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.

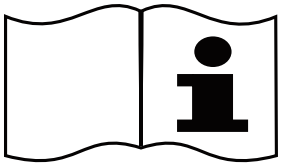




This symbol shows that the operation manual should be read carefully.



This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.



This symbol shows that information is available such as the operating manual or installation manual.



WARNING

You may be killed or seriously injured if you do not follow instructions.



CAUTION

Risk of Fire - Store in a well ventilated room without continuously operating flames or other potential ignition sources

Fuse Parameter

Voltage：AC 250V
Current：30 A



WARNING

To reduce the risk of explosion, fire, death, electric shock, scalding or injury to persons when using this product, follow basic precautions, including the following:

INSTALLATION

- Before use, the appliance must be properly installed as described in this manual.
- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel using only genuine replacement parts.
- Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.
- Connect to a properly rated, protected, and sized power circuit to avoid electrical overload. Always plug into a grounded outlet.
- Do not under any circumstances, cut or remove the third (ground) prong from the power cord.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- Plug in the power plug properly.
- Do not modify or extend the power cord.
- Do not start/stop operation by plugging/unplugging the power cord.
- If the cord/plug is damaged, have it replaced by an authorized service person using authorized replacement parts.
- Use a dedicated circuit.
- Do not disassemble or modify the product.
- Adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- Use care when unpacking and installing. The edges of the product may be sharp.
- Disconnect the power cord or circuit breaker before installing or servicing the appliance.
- Keep packaging materials out of the reach of children. These materials can pose a suffocation risk to children.
- Store and install the product where the unit's casing will not be exposed to temperatures below freezing or exposed to outdoor weather conditions. In other words, do not allow the whole unit to be exposed to outdoor conditions
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

OPERATION

- Use this appliance only for its intended purpose.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- Repair or immediately replace all power cords that have become frayed or otherwise damaged
- Do not use a cord that shows cracks or abrasion damage along its length or at either end.

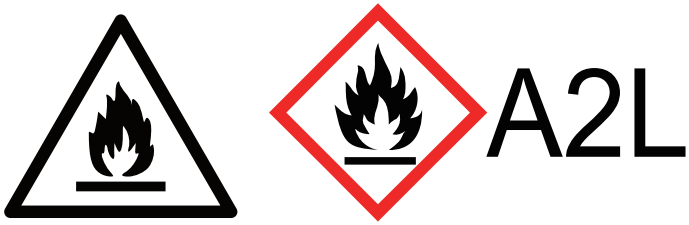
- Do not run cord under carpets or mats where it could be stepped on and damaged.
- Keep the cord out from under heavy objects like tables or chairs.
- Do not place the power cord near a heat source.
- Do not use an adapter or plug the product into a shared outlet.
- Do not tamper with controls.
- If you detect a strange sound, a chemical or burning smell, or smoke coming from the appliance, unplug it immediately, and contact the dealer.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
- Do not grasp the power cord or touch the appliance controls with wet hands.
- The air conditioner is not intended for use by young children or invalids without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- If water enters the product, turn off the power at the main circuit, then unplug the product and call for service.
- If the product has been submerged, contact the dealer for instructions before resuming use.
- Unplug the product when unused for long periods.
- Unplug the product before cleaning. In the event of a gas leak (propane gas, etc.) do not operate this or any other appliance. Open a window or door to ventilate the area immediately.
- 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 the use of the appliance by a person responsible for their safety.
- To clean the interior, contact the dealer. Using harsh detergents may cause corrosion or damage to the unit.
- Do not use solvent-based detergent on the product. Doing so can cause corrosion or damage, product failure, electrical shock, or fire.
- Keep outdoor louvers unblocked and unobstructed by any obstacle closer than 36 ° to the wall face.

GROUNDING INSTRUCTIONS

- The power cord of this appliance is equipped with a three-prong (grounding) plug. Use this with a standard three-slot (grounding) wall power outlet to minimize the hazard of electric shock. The customer should have the receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded. ***DO NOT CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER PLUG.***
  Situations when the appliance will be disconnected occasionally; Because of potential safety hazards, we strongly discourage the use of an adapter plug. However, if you wish to use an adapter, a TEMPORARY CONNECTION may be made. Use UL-listed adapter, available from most local hardware stores.
  The large slot in the adapter must be aligned with the large slot in the receptacle to assure a proper polarity connection.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal, and not insulated, and the wall receptacle is grounded to make sure the receptacle is properly grounded.
- Disconnect the power cord from the adapter, using one hand on each. Otherwise, the adapter ground terminal might break. Do not use the appliance with a broken adapter plug. Situations when the appliance will be disconnected often; Do not use an adapter plug. Unplugging the power cord frequently can lead to an eventual breakage of the

ground terminal. The wall power outlet should be replaced by a three-slot (grounding) outlet instead.

REFRIGERANT (FOR R32 ONLY)



CAUTION: FIRE

READING THE MANUAL CAREFULLY BEFORE USING THE APPLIANCE R32 refrigerant gas complies with international environmental directives. This appliance contains approximately 19.40 oz. refrigerant gas.

Warnings

- Do not use means to accelerate the defrosting process or to clean, other than those
- recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources
- (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not have an odor.
- Please observe the following information when installing：
  - The piping material, pipe routing, and installation shall include protection from physical damage in operation and service, and be in compliance with Federal and Local Regulations.
  - All field joints shall be accessible for inspection prior to being covered or enclosed.
  - The installation of pipe-work shall be kept to a minimum.
  - Provision shall be made for expansion and contraction of long runs of piping;
  - The protection devices, piping, and fittings shall be protected as far as possible against adverse environmental effects, for example, the danger of water collecting and freezing in relief pipes or the accumulation of dirt and debris;
  - The piping in refrigeration systems shall be so designed and installed to minimize the likelihood of hydraulic shock damaging the system;
  - The steel pipes and components shall be protected against corrosion with a rustproof coating before applying any insulation;
  - The flexible pipe elements shall be protected against mechanical damage, excessive stress by torsion, or other forces, and should be checked for mechanical damage annually;
  - Precautions shall be taken to avoid excessive vibration or pulsation.



When using the product, the room should keep any required ventilation openings clear of obstruction. Notice that servicing shall be performed only as recommended by the manufacturer.



Unventilated area

- An unventilated area where the appliance using flammable refrigerants is installed shall be so constructed that should any refrigerant leak, it will not stagnate so as to create a fire or explosion hazard.
- The non-fixed appliance shall be stored in an area where the size corresponds to the room area as specified for operation.
- The non-fixed appliance shall be stored in a room without continuously operating open flames or other potential ignition sources.
- The manufacturer should specify other potential continuously operating sources known to cause ignition of the refrigerant used.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- Non-duct connected appliances containing A2L refrigerants with the supply and return air openings in the conditioned space may have the body of the appliance installed in open areas such as false ceilings not being used as return air plenums, as long as the conditioned air does not directly communicate with the air of the false ceiling.



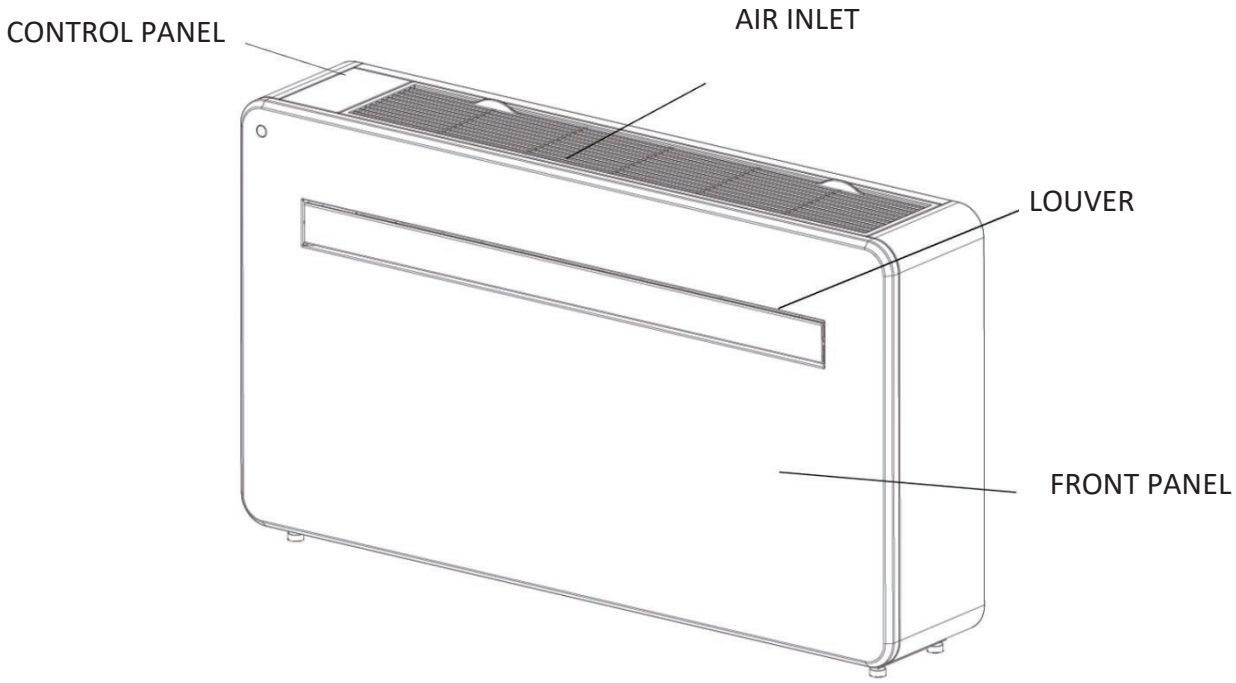
Qualification of workers

- All operators or refrigeration circuit maintenance personnel should obtain a valid certificate issued by an industry-recognized evaluation agency to determine that they have the qualifications to safely handle refrigerants as required by the industry-recognized evaluation scope.
- Only perform equipment maintenance and repairs in accordance with the methods recommended by the appliance manufacturer. If other professional is required to assist in maintenance and repairs, they should be carried out under the supervision of personnel qualified to use **flammable refrigerants**.

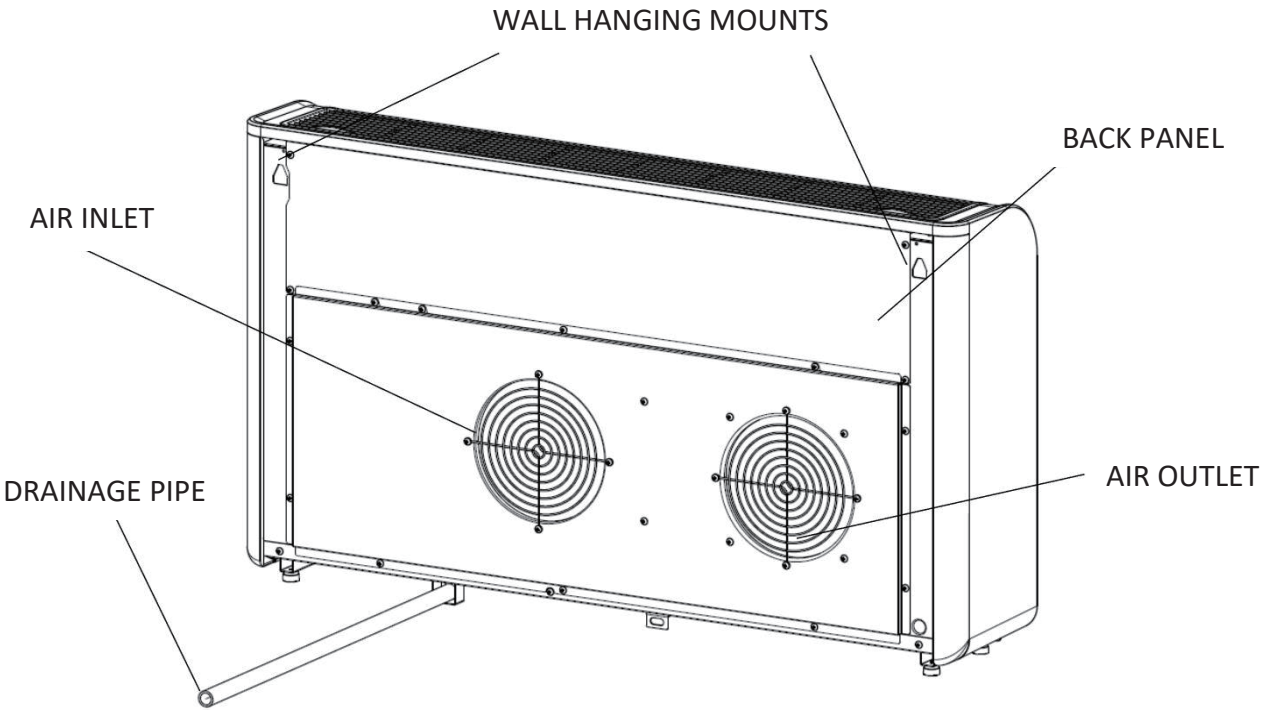
PRODUCT OVERVIEW

PRODUCT DIAGRAM

FRONT



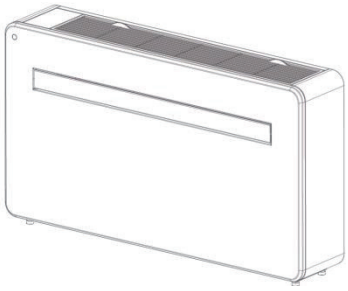
BACK



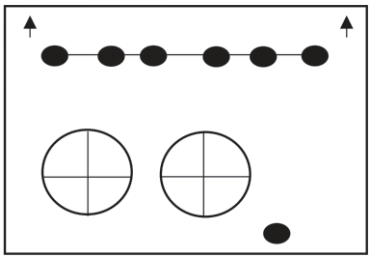
FEATURES

- Simple operation.
- Self-evaporative function with energy saving technology.
- Sleek design that seamlessly fits into any style home.
- Bright LED screen-indicates temperature and current mode.
- On / off timer function - allows you to choose when the unit operates.
- WIFI App control providing additional functionality.
- Three fan speeds.
- Four modes to suit your every need including: Cooling / Heating / Fan / Dry
- Silent running option, perfect for a restful night sleep.
- Optional the function of a third-party 24V AC thermostat.

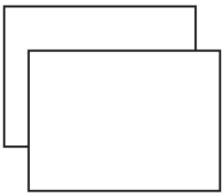
WHATS INCLUDED



AIR CONDITIONER



WALL TEMPLATE



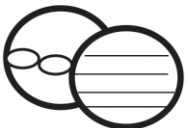
PLASTIC DUCTING SHEET (X2)



WALL BRACKET



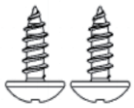
REMOTE CONTROL



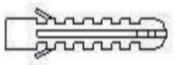
VENT COVER ASSEMBLY (X2) (CHAIN, INDOOR RING AND OUTDOOR COVER)



FIXED PLATE



2PCS TAPPING SCRE (4x10mm)



7PCS WALL PLUGS (8×40mm)



7PCS SCREWS (5×60mm)



Sealing strip

*** DIAGRAMS FOR ILLUSTRATIVE PURPOSES ONLY**

INSTALLATION

Apply the sealing strip in the accessories along the edge of the back for the whole perimeter of the machine, cut off the excessive length if needed.

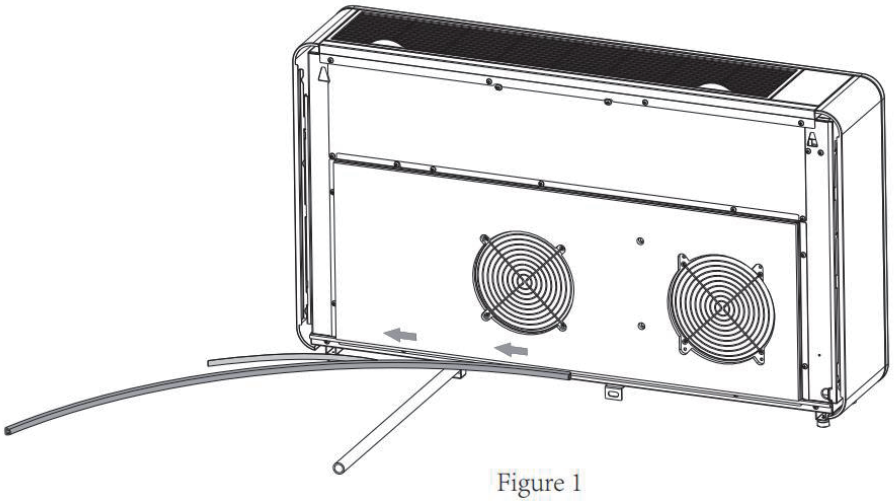


Figure 1

Note：1. The sealing strip should be applied along the edge of the machine, as shown in Figure1.
2. Please peel off the stripping layer on the sealing strip gradually while applying.
3. Apply from the bottom of the machine first.

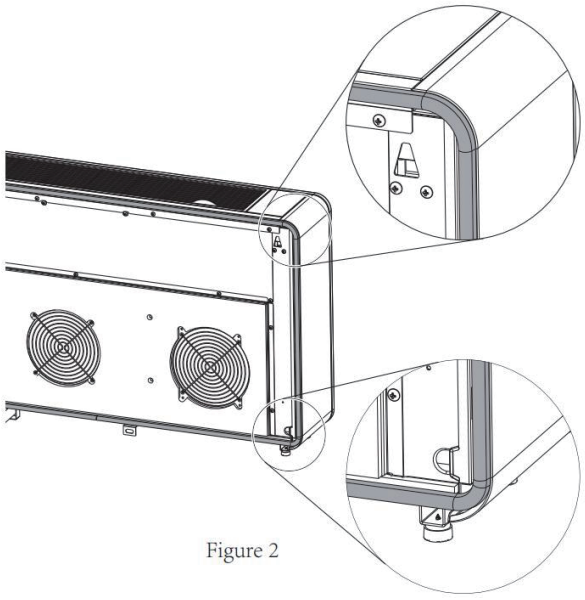
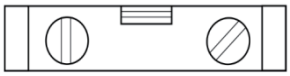


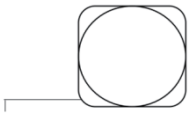
Figure 2

4. The position of the corner should be applied as shown in Figure 2.
5. Improper application may cause extra noise.

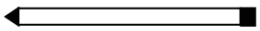
TOOLS REQUIRED



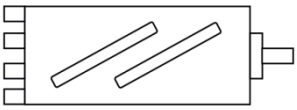
SPIRIT LEVEL



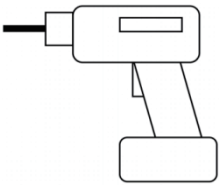
TAPE MEASURE



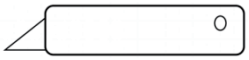
PENCIL



20cm (8 ") CORE DRILL



DRILL



SHARP KNIFE



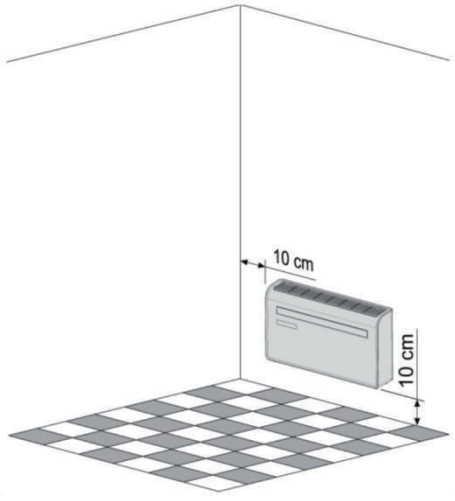
8mm (5/16") MASONRY DRILL BIT



25mm (1") MASONRY DRILL BIT

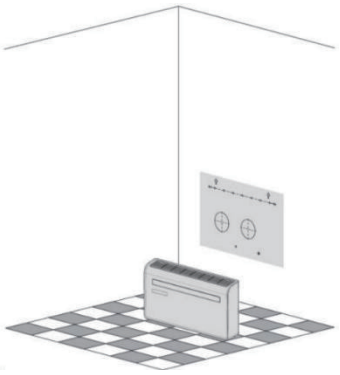
BEFORE STARTING INSTALLATION, PLEASE ENSURE YOU HAVE ALL SUITABLE EQUIPMENT AVAILABLE AND UNDERSTAND THE STEPS INVOLVED IN INSTALLATION. IF IN ANY DOUBT, PROFESSIONAL ADVICE SHOULD BE SOUGHT.
THE INSTALLER MUST ENSURE THAT THE PLANNED POSITION OF THE AIR CONDITIONER IS SUITABLE, AND THAT THERE ARE NO CABLES AND PIPES INSIDE THE WALL, AND NO OTHER OBSTRUCTIONS FIXED ON THE WALL, WHICH WOULD PRESENT A DANGER AND/OR PREVENT COMPLETION OF INSTALLATION.

INSTALLATION

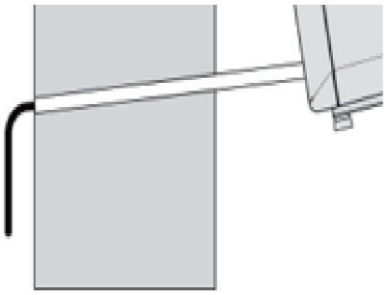


This unit must be installed on an external wall, as it vents directly out of its rear side. Ensure the wall is flat, solid and structurally sound.

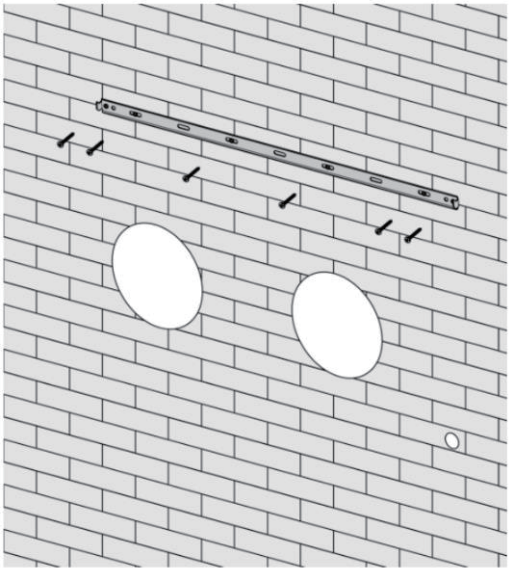
Leave at least 10 cm (4 ") of space to the left, right and base of the machine. At least 20cm (8 ") of space must be left above the unit to help air flow smoothly. Stay away from curtains, plants, faucets, furniture and others appliances etc.



Paste the supplied installation template paper in position on the wall, ensuring that the reference line is level using a spirit level.

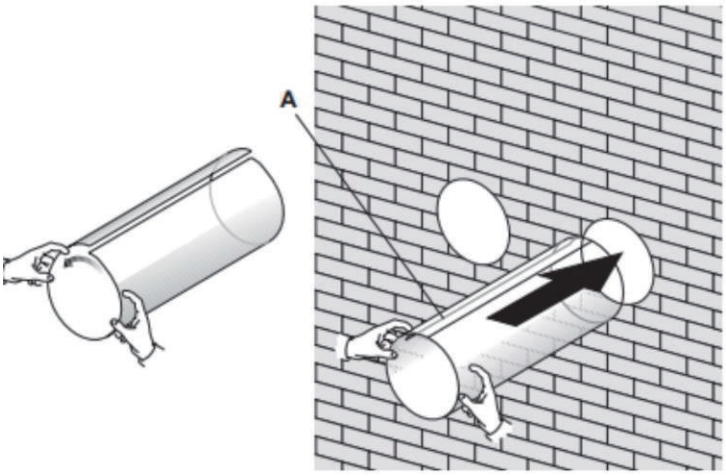


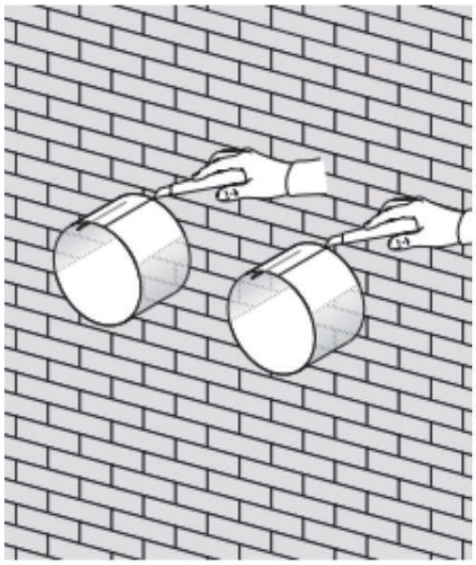
The hole for the drainage pipe must be drilled using a 25mm (1 ") Drill bit. Ensure the hole is at a downward angle (min 5 degrees) so that the water will drain correctly.



Use a 20cm (8 ") core drill to drill the two holes for the units' Ventilation ducts, ensuring that the holes are at a downward angle (min 5 degrees) toward the outdoors and aligned with the template.
Use the template provided to mark the position of the screws for the
hanging rail, using a spirit level to ensure it is straight and level. Drill the marked holes using a suitable 8mm (5/16") drill bit and insert wall anchors. Line up the hanging rail with the holes, and fix the rail into position using the supplied screws.
Ensure that the hanging rail is securely fastened onto the wall, and that there is no risk of the unit tipping or falling.
Performance ratings listed are based on a wall thickness not exceeding 240mm（9 ½"）.

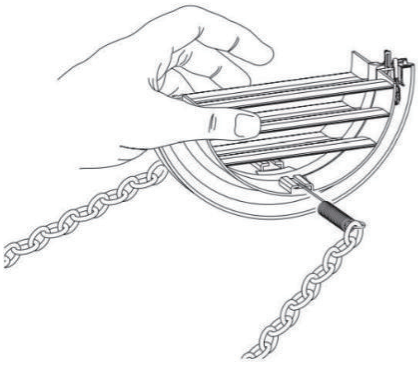
Roll the plastic vent sheets into a tube and feed them from the inside into the holes previously made. Ensure the tubes sit flush to the interior wall and the splicing line "A" always faces upwards.

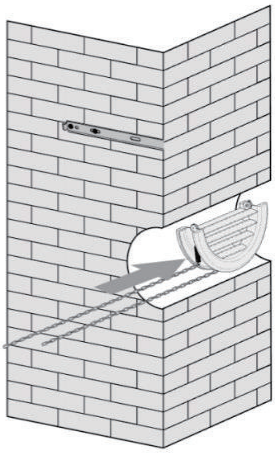


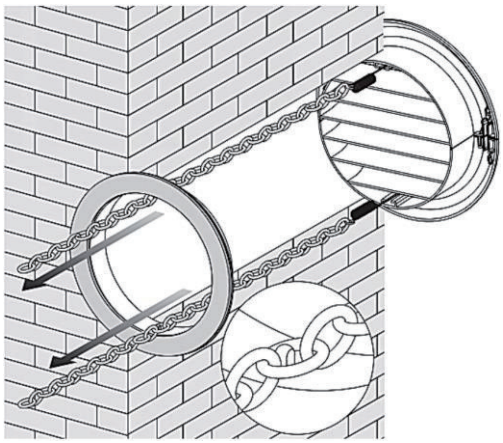


Go outside and trim off the excess vent tube using a sharp knife, keeping the edge as neat as possible.

Insert the indoor fixing ring from the vent cover into the indoor side of the air vent. Then fold the external vent cover in half. Attach the chains to each side of the vent cover, before sliding the cover outside through the vent hole.

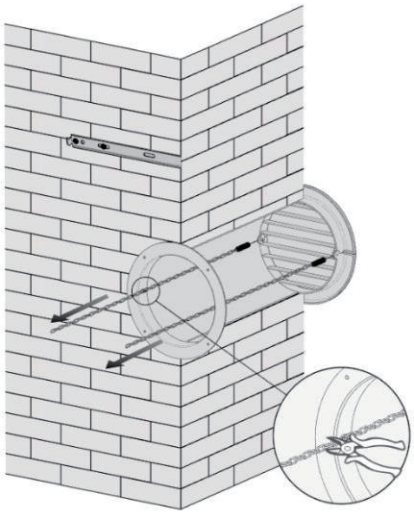


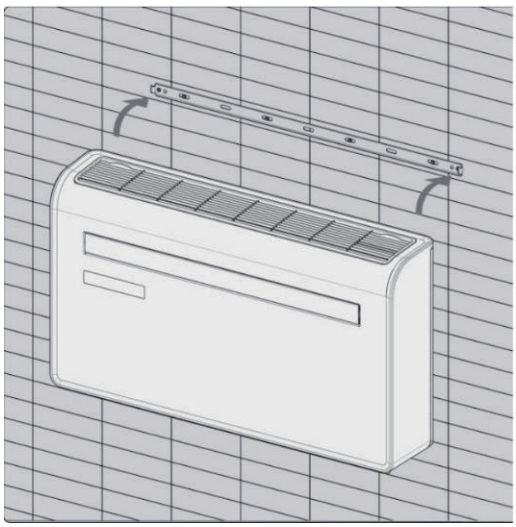




Expand the external cover, before tightly fixing the chains by hooking onto the indoor fixing ring. This will hold the external cover firmly in position. Repeat for the second vent.

Once the chains are fitted and secured, any excess chain should be removed by cutting the chain.



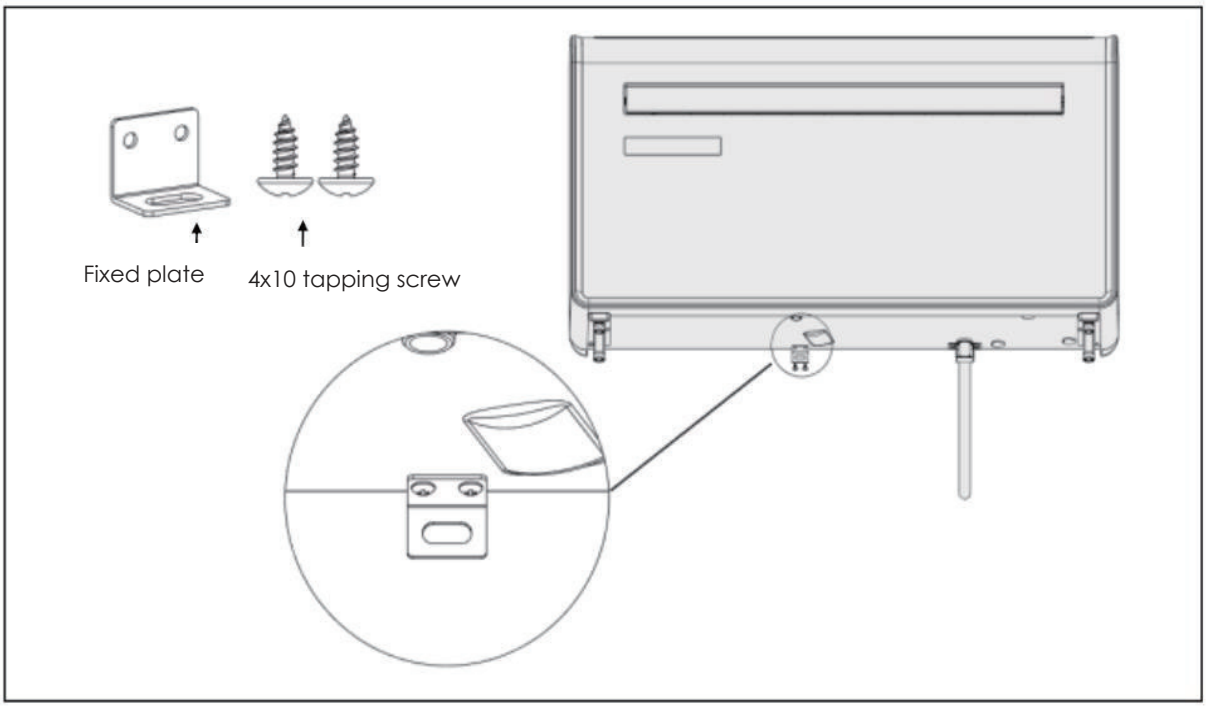


Lift the unit onto the wall, align the hanging holes with the hooks on the hanging rail and gently rest the unit into place. At the same time, slide the drain pipe through the drainage hole.

NOTE:

1st: Ensure the backside of the unit is tightly attached on the wall to avoid additional vibration and noise.

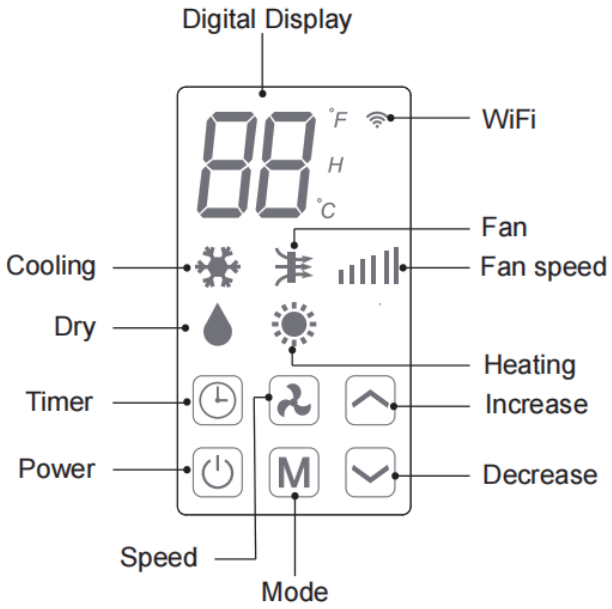
2nd : The end of the external water pipe must be placed in an open space or drain. Avoid damage or constriction to the drainage pipe to ensure the unit drains properly.



OPERATION

CONTROL PANEL

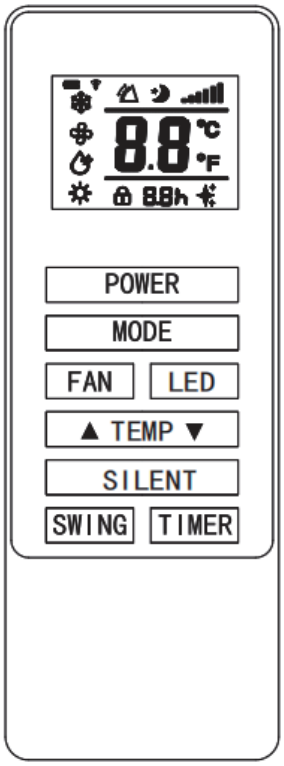
Notes:Under the 24V AC thermostat mode, the control panel cannot used



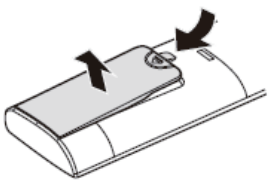
REMOTE CONTROL

The air conditioner can be controlled with the remote control. Two AAA-batteries are required.
NOTE: Further details of the functions can be found on the following page.

POWER	Press the POWER button to turn the machine on or off.
MODE	Press the MODE button to switch between cooling, heating, fan and dry modes.
FAN	Press the FAN button to change between high, medium and low fan speeds
LED	Press the LED button to enable or disable the LED background light of unit; it can be a choice for sleep condition.
▲	Press the UP button to increase the desired temperature or timer duration
▼	Press the DOWN button to decrease the desired temperature or timer duration
SILENT	Press for silent mode, In Silent mode, noise will be reduced, fan operates in low speed, frequency is low.
SWING	Press to turn the louver swing function on and off (only activated by the remote control & APP)
TIMER	Press the TIMER button to set the automatic switch on/off.
TEMP	It can be changed between ℉ and ℃, by pressing "UP" and "DOWN" button on the display at the same time

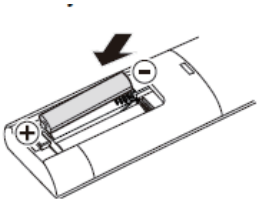


INSERTING AND REPLACING BATTERIES



Your air conditioning unit comes with two AAA batteries. Install the batteries in the remote control before use.

1. Remove the cover on the back of the remote control.
2. Insert the new batteries and make sure the (+) and (-) terminals of the batteries are oriented correctly.



BATTERY NOTES

For optimum product performance:

1. Do not mix old and new batteries, or batteries of different types.
2. Do not leave batteries in the remote control if you don't plan on using the device for more than 2 months.

BATTERY DISPOSAL

Do not dispose of batteries as unsorted municipal waste. Refer to local laws for proper disposal of batteries.

TIPS FOR USING REMOTE CONTROL

The remote control must be used within 8 meters / 26 feet of the unit.

The unit will beep when remote signal is received.

Curtains, other materials and direct sunlight can interfere with the infrared signal receiver.

Remove batteries if the remote will not be used more than 2 months.

NOTES

- When there are wide differences between remote controller Illustration and “USER’S MANUAL” on function description, the description in “USER’S MANUAL” shall prevail.
- The device should comply with the local national regulations. In Canada, it should comply with CAN ICES-3(B)/NMB-3(B). In USA, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help. Changes or modifications not approved by the party responsible for compliance could void user’s authority to operate the equipment.

FUNCTIONS

Notes: Under the 24V AC thermostat mode, only the functions of Cooling, Heating, Fan speed can be adjusted by the thermostat.

<table>
<tr><td>
POWER</td><td colspan="2">Press “POWER” to turn the unit On or Off.</td></tr>
<tr><td rowspan="3">
MODE</td><td colspan="2">Press to change between the 4 different modes. The display will show the symbol for the mode currently selected.</td></tr>
<tr><td>
COOLING</td><td>The cooling function allows the air conditioner to cool the room and at the same time reduces air humidity. The desired temperature can be adjusted using the increase and decrease button between 60℉/15℃ and 86℉/30℃. The fan speed can be adjusted using the Fan Speed button.</td></tr>
<tr><td>
DRY</td><td>Dry (dehumidification) mode will extract moisture from the air, which will be drained outside through the installed drain pipe. The fan speed cannot be adjusted in dry mode.</td></tr>
<tr><td rowspan="3"></td><td>
FAN</td><td>In fan mode the appliance will recirculate the air within the room, and will not cool, heat or dehumidify. The fan speed can be adjusted using the Fan Speed button, But the desired temperature cannot be set.</td></tr>
<tr><td>
HEATING</td><td>The heating function allows the air conditioner to heat the room. The desired temperature can be adjusted using the increase and decrease button between 60℉ and 86℉. The fan speed can also be adjusted using the speed button.</td></tr>
<tr><td>
SILENT</td><td>Silent mode can be activated from APP or the remote control, It will only operate in cooling or heating modes, the fan speed will change to low and noise will be minimized.</td></tr>
<tr><td>
FAN SPEED</td><td></td><td>Press to change the fan speed between Low, Medium and High. The fan speed cannot be adjusted in Dry or Silent modes.</td></tr>
<tr><td rowspan="3">
TIMER</td><td colspan="2">The air conditioner contains a 24 hour timer, which can be used to either set a delayed start, or a set period of operation.</td></tr>
<tr><td colspan="2">SHUTDOWN TIMER:
While the unit is running press the timer button, the display will flash “0” 5 times. After the 5th flash, use the up and down buttons to adjust the duration in 1 hour increments between 1 to 24 hours. When the timer has elapsed, the unit will shut down automatically.</td></tr>
<tr><td colspan="2">DELAYED START TIMER:
With the unit in standby, press the timer button, the display will flash “0” 5 times. After the 5th flash, use the up and down buttons to adjust the duration in 1 hour increments between 1 to 24 hours. After the timer has elapsed, the unit will start up in the same mode with the same settings as when it was turned off.</td></tr>
</table>

 INCREASE AND DECREASE	Used within cooling and heating modes to adjust the desired temperature between 60-86℉/15℃ -30℃. Also used while setting the timer to adjust the duration.
SWING MODE	After machine turns on, press the “SWING” button, louver will swing continuously up and down; by pressing the button again the movement will stop and the louver remains in that position. Swing mode can only be adjusted from the remote, and will initially be turned on by default. The louver will close automatically when the unit is switched OFF.
COMPRESSOR PROTECTION	There is a 3 minutes delay on power on. In order to protect the life of the compressor and electronic components please do not switch on the unit for at least 5 minutes after you turn the unit off.

WIFI SETUP AND SMART FEATURES

WIFI SETUP

BEFORE YOU START

- Ensure your router provides a standard 2.4 GHz connection.
- If your router is dual band ensure that both networks have different network names (SSID). Your router / Internet service provider will be able to provide advice specific to your router.
- Place the air conditioner as close as possible to the router during setup.
- Once the app has been installed on your phone, turn off the data connection, and ensure your phone is connected to your router via Wi-Fi.

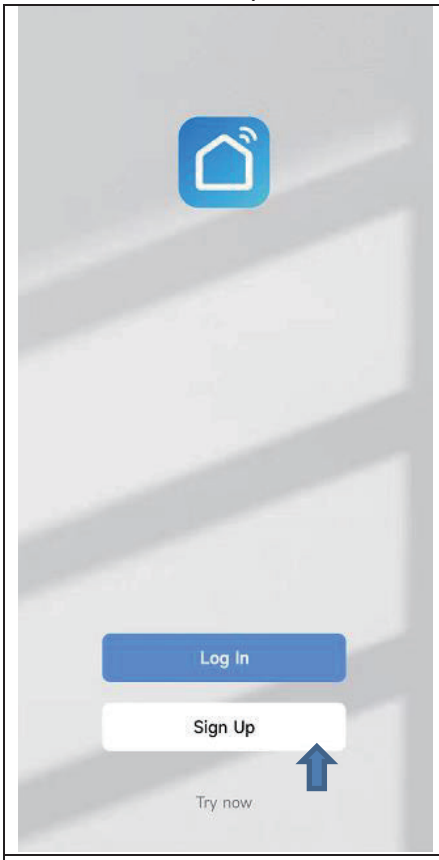
DOWNLOAD THE APP TO YOUR PHONE

Download the ”SMART LIFE” app, from your chosen app store, using the QR code below, or by searching for the app in your chosen store.

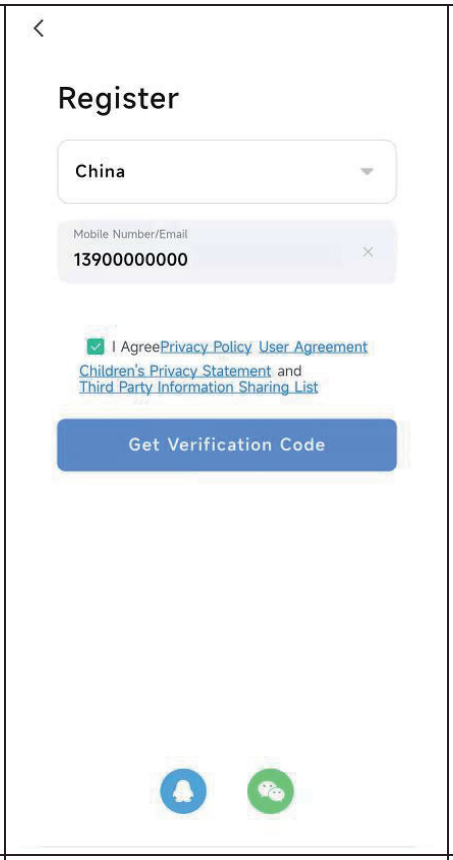
REGISTER THE APP

If you don't have an App account , register an account or sign in with verification code by SMS. This page describes the registration process.

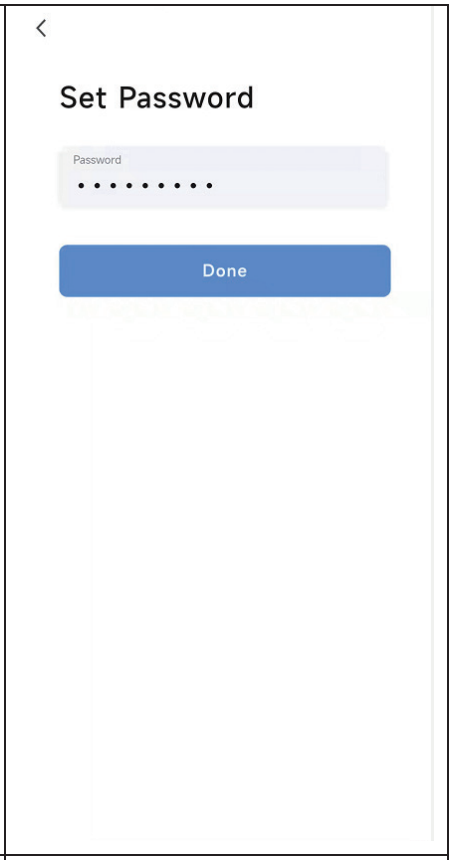
1. Press on the “Sign Up” button at the bottom of the screen, as shown in the picture 1.
2. The system automatically recognizes your country/ area. You can also select your country code manually. Enter your mobile phone number/ email address and tap "Get verification code", as shown in the picture 2.
3. If you choose the mobile number option, then enter the verification code in the message sent to you by SMS. Set a password as prompted and press "Done" to finish your registration. as shown in the picture 3.



Picture 1



Picture 2

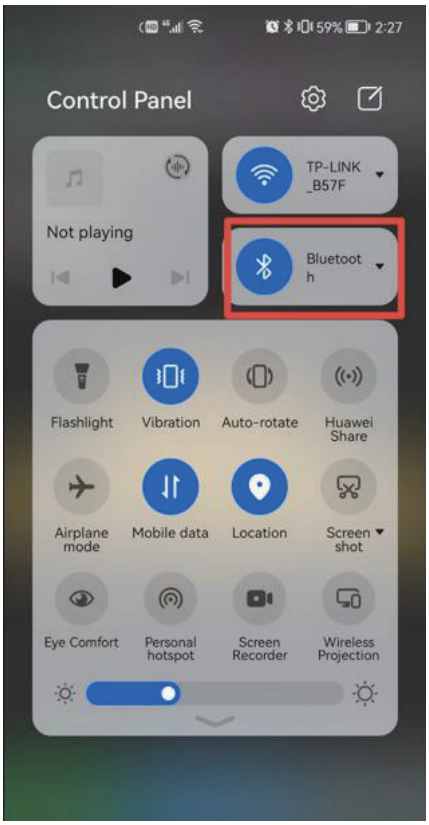


Picture 3

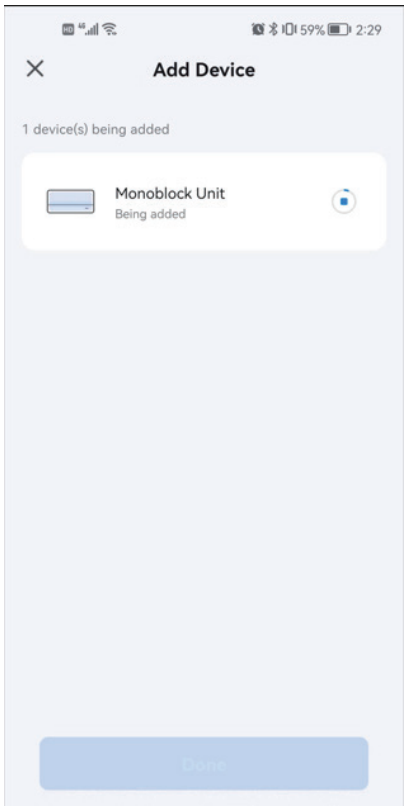
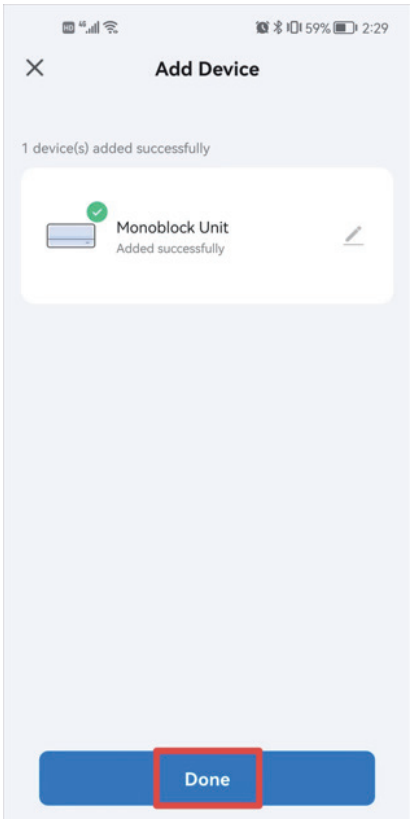
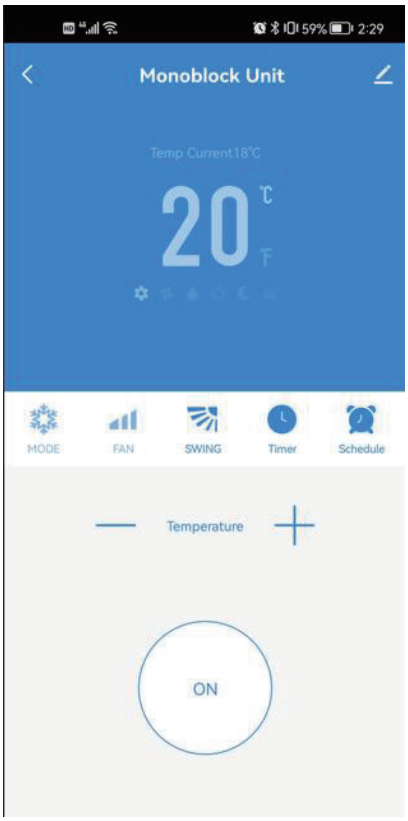
CONNECTING USING BLUETOOTH & WIFI

Before initiating the connection, make sure the unit is in standby mode and the phone connected to the wifi network.

1. Press the “Fan” button for 3s, you will hear prompt tone and the WiFi indicator will flash.
2. Open the Bluetooth of your phone, as shown in the picture 4.
3. When the device is powered on and to be connected, the connected Bluetooth device will pop up automatically after opening the App for a moment. Click "Add" button for connection, as shown in the picture 5.
4. Enter the Wi-Fi information interface, enter the password and click "Next" to continue the operation, as shown in the picture 6.

<table>
<tr>
<td>
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<td>
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</tr>
<tr>
<td>Picture 4</td>
<td>Picture 5</td>
<td>Picture 6</td>
</tr>
</table>

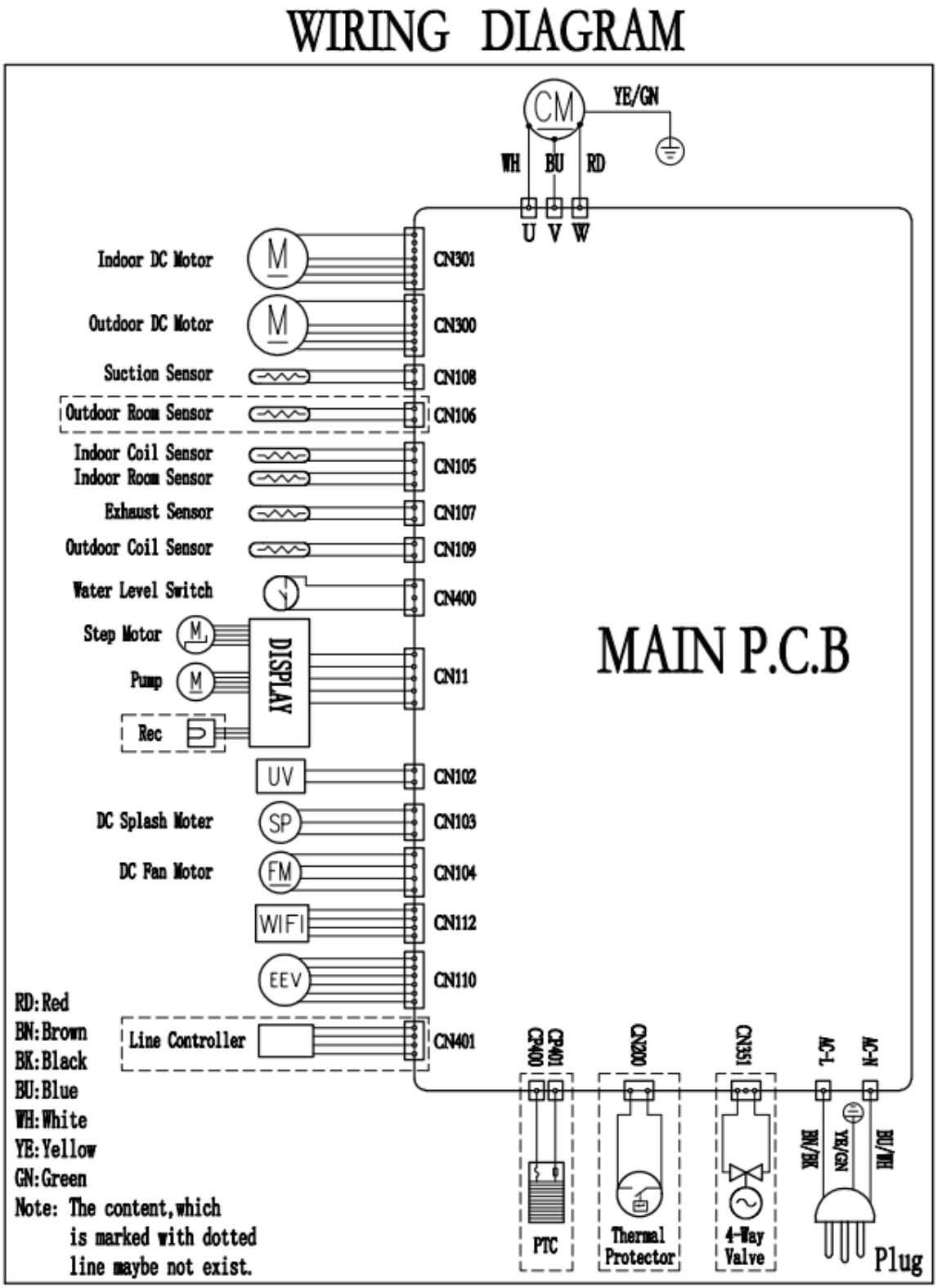
5. Enter the device connection interface after the progress bar is finished and the device is successfully connected, as shown in the picture 7,8,9.

		
Picture 7	Picture 8	Picture 9

***Due to continuous development of the app, the layout and available features may be subject to change.**

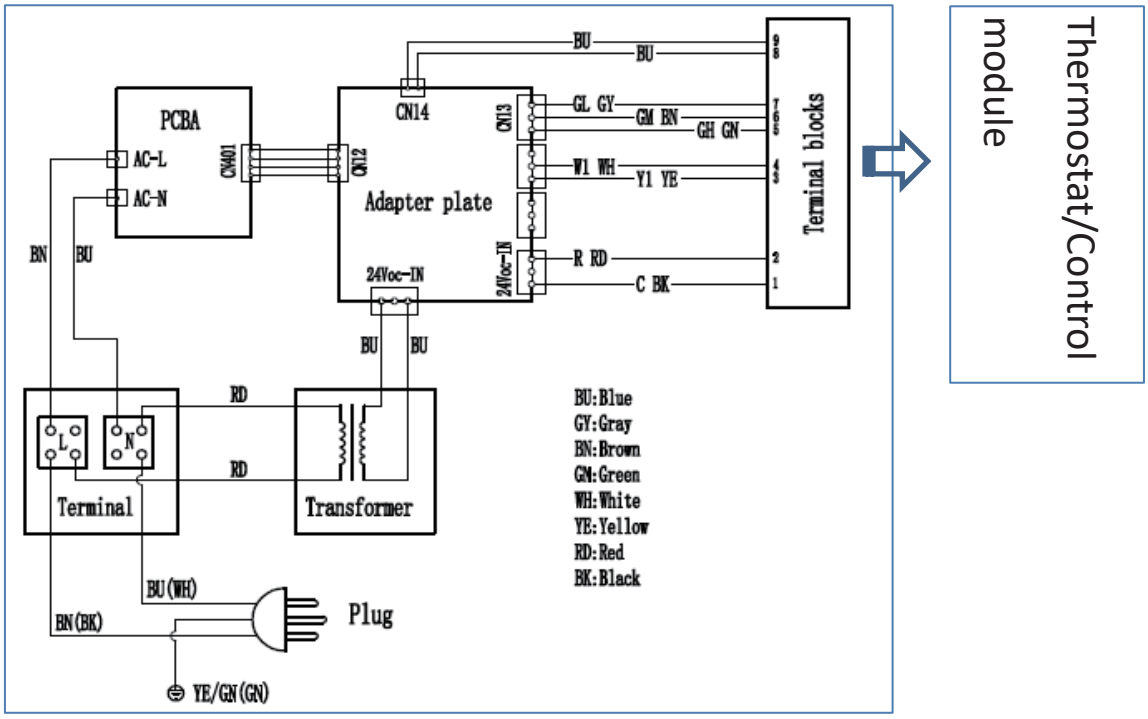
OPERATION

Main PCB board wiring diagram:



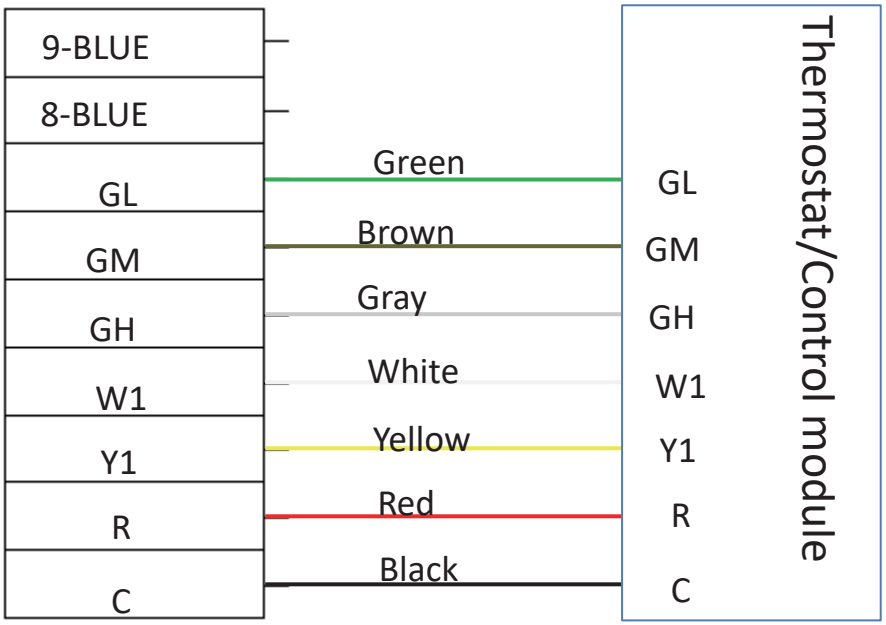
Third Party 24V AC thermostat

Wiring diagram



Note: It must be wired as required, otherwise the unit may be damaged.

WIRING TABLE

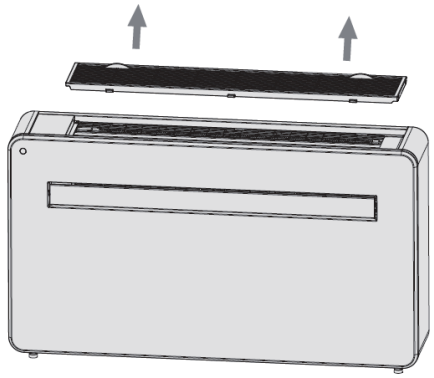


Code	Description
C	24VAC Common Wire
R	Power supply AC24V
YI	Cooling mode operation
W1	Heating mode operation
GH	High Speed Fan operation
GM	Medium Speed Fan operation
GL	Low Speed Fan operation
8, 9	Switch for normal mode and thermostat mode

From the normal mode change to 24V thermostat mode

1st step:

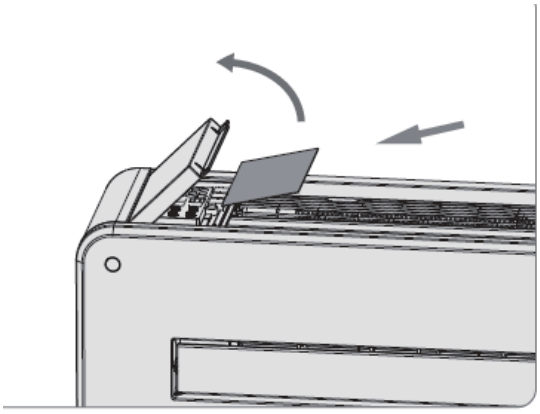
Turn off the power supply and remove the inlet grille.



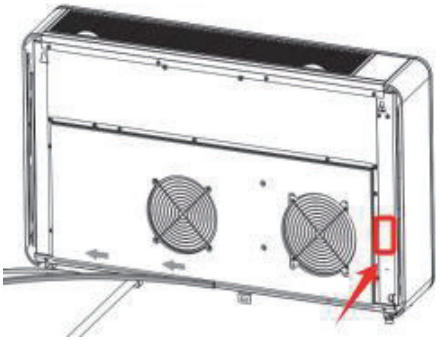
Remove two screws shown below using a Phillips screwdriver

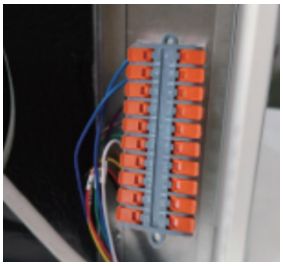


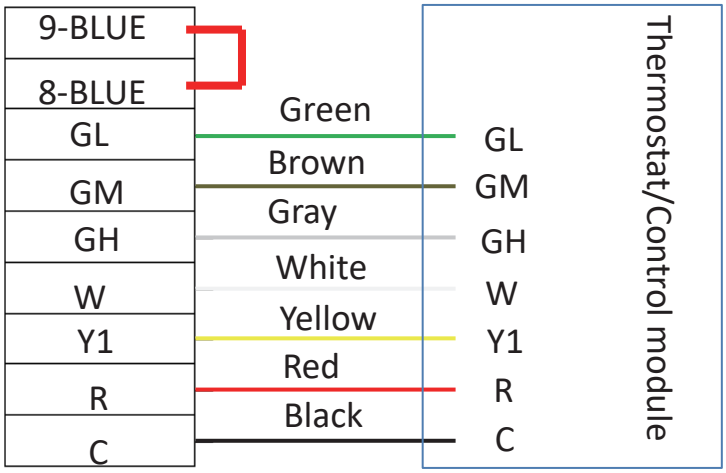
Lift the operating panel and add a light plate shield.



2nd step: Find the terminal on the backside of unit. Use jumper wire to short-circuit the eighth and ninth pins of the adapter board.
3rd step: Connect the Third Party 24V AC thermostat.







4th step: Plug in the unit and turn on power. The thermostat will control the unit.

Related Notes:

1. To switch from 24V thermostat mode to normal mode, remove the shield, and disconnect the jumper wire between terminal pin 8 and pin 9;

2. Normal mode/24V thermostat mode conversion - Power must be first cut off and then turned on.

Note:
1.From 24V thermostat mode change to normal mode, must be disconnect the 8 pin and 9 pin.)
2. To switch between normal mode and 24V thermostat mode, the power must be cut off first and then turned on for the mode switch to take effect.
3. When this product is connected to a 24V thermostat, settings and displayed temperature shall be subject to those on the thermostat.If you don't want to see the display, you can use the LED button of remote controller turn it off.

TROUBLESHOOTING

Do not repair or disassemble the air conditioner. Unqualified repairs will invalidate the warranty and may lead to failure, cause potential injury and/or property damage. Only use as directed in this user manual and only perform operations advised here.

Problem	Reasons	Solutions
The air conditioner does not work	There is no electricity.	Check the unit is plugged in, and the socket is working normally.
	The ambient temperature is too low or too high.	Only use the unit if room temperature is between 23℉/-5℃ and 95 ℉/35℃.
	In cooling mode, the room temperature is lower than the desired temperature; in heating mode, the room temperature is higher than the desired temperature.	Adjust the desired room temperature.
	In dehumidification (dry) mode, the ambient temperature is low.	Ensure that the room temperature is above 62℉/17℃ for dry mode.
	There is direct sunlight.	Use curtains to reduce heat from the sun.
The cooling or heating performance is poor	Doors or windows are open; there are a lot of people; or in cooling mode, there are other sources of heat (e.g. fridges)	Close doors and windows; increase air conditioning power
	The filters screen is dirty.	Clean or replace the filter screen.
	The air inlet or outlet is blocked.	Clear obstructions; make sure the unit is installed as per the instructions
The air conditioner is leaking	The unit is not straight	Use a spirit level to check the unit is horizontal, if not remove from the wall and Straighten.
	The drain pipe is blocked	Check the drain pipe to ensure it is not blocked or obstructed.
Compressor does not work.	Overheat protection operational.	Wait for 3 minutes until the temperature is lowered, and then restart the machine.
The remote control does not work.	The remote control is not pointed in the direction of the remote-control receiver.	Bring the remote control closer to the air conditioner, and make sure the remote control directly faces the direction of the remote-control receiver.
	Batteries poor.	Replace batteries.

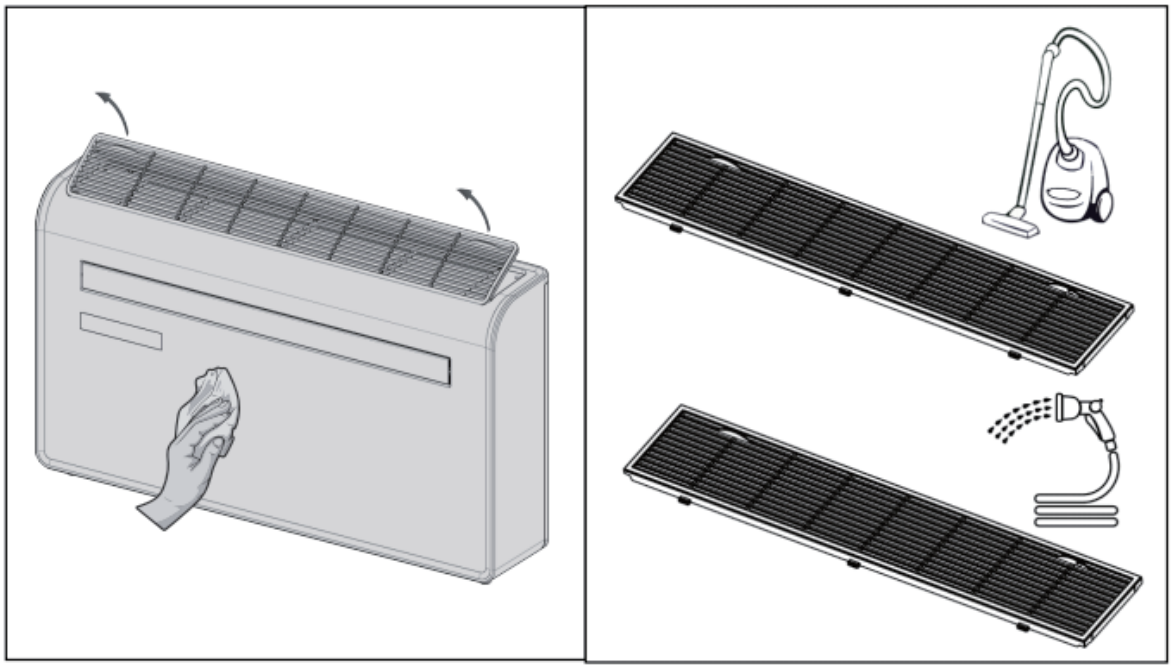
If problems not listed in the table occur or recommended solutions do not work, please contact the service center.

ERROR CODES

Fault Code	Fault Description	Fault Code	Fault Description
F1	Compressor IPM error	P7	Defrost protection on coil tube(indoor)
F2	PFC/IPM error	P8	Zero-crossing fault detection(indoor)
F3	Compressor start error	PA	Return air sensor temperature abnormal protection
F4	Compressor running out of step	PC	Coil tube overload protection(outdoor)
F5	Location detection loop failure	PE	Abnormal refrigerant circulation
F6	PCB and driver board communication error	PH	Exhaust temperature protection
F7	Coil sensor error(outdoor)	E0	Sensor on suction pipe error
F8	Sensor on suction pipe error	E1	Temperature sensor error(indoor)
FA	Phase current overcurrent protection	E2	Sensor error on indoor coil tube
FE	EE error(outdoor)	E3	DC fan Feedback failure(indoor)
FL	Water-full protection	E4	Indoor and outdoor communication error
P1	Over-heat protection on top of compressor	E5	Water-splash motor error
P2	Dc bus voltage under voltage protection	E6	Temperature sensor error(outdoor)
P3	AC Input voltage protection	E7	Fan motor error(outdoor)
P4	AC over-current protection	E8	Fan feedback fault
P5	AC under voltage protection	EE	EE error(indoor)
P6	Coil tube overload protection(indoor)	EA	Reversing fault of four-way valve

Maintenance

Note: Please turn off the unit and unplug it before cleaning.



Environmental Considerations

When using this product, the following information must be followed:

DISPOSAL

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste. For disposal, there are several possibilities:

A. The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.

B. When buying a new product, the retailer will take back the old product at least free of charge.

C. The manufacture will take back the old appliance for disposal at least free of charge to the user.

D. As old products contain valuable resources, they can be sold to scrap metal dealers.

Disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.

