ITM. / ART. 1871173

Hisense

USE AND INSTALLATION MANUAL

Model: HIAP0825TWD

For questions about features, operation/ performance, parts or service, call: 1-877-465-3566

Operating hours (EST):
Monday - Friday from 9 a.m. to 9 p.m.
Saturday - Sunday from 9 a.m. to 6 p.m.

Language: English and Spanish

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Safety Information

Your safety and the safety of others are very important. We have provided many important safety messages in this manual and on your appliance. Please always read and obey all safety messages. To reduce the risk of fire, electrical shock or injury when using your air conditioner, please follow these basic precautions:

IMPORTANT SAFETY INSTRUCTIONS

- □ Plug into a grounded 3-prong outlet.
- □ Do not remove ground prong.
- □ Do not use an electrical adapter.
- □ Do not use an extension cord.
- □ Unplug air conditioner before servicing.
- □ Use two or more people to move and install air conditioner.
- □ 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.

DISPOSING OF THE UNIT

- □ Before throwing out the device, it is necessary to remove the battery cells and dispose or recycle them properly.
- □ When you need disposal of the unit consult our dealer. If pipes are removed incorrectly, refrigerant may blow out and come into contact with your skin, causing injury. Releasing refrigerant into the atmosphere also damages the environments.
- □ Please recycle or dispose of the product packaging material in an environmentally responsible manner.
- □ Never store or ship the air conditioner upside down or sideways to avoid damage to the compressor.
- □ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- □ The wiring diagram is shown on nameplate on the air conditioner.

All safety messages will tell you what the potential hazard is and tell you how to reduce the chance of injury.

DANGER: A hazard that if not avoided will result In death or serious injury.

WARNING: A hazard that if not avoided could result In death or serious Injury.

CAUTION: A hazard that if not avoided may result in minor or moderate injury.

Explanation of symbols displayed on the unit.

	WARNING	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.
	CAUTION	This symbol shows that the operation manual should be read carefully.
	CAUTION	This symbol shows that a service professional should be handling this equipment with reference to the installation manual.
	CAUTION	This symbol shows that information is available such as the operating manual or installation manual.

Safety Information (continued)

Precautions for using R32 refrigerant

The basic installation work procedures are the same as the conventional refrigerant (R22 or R410A). However, pay attention to the following :

1. **Transport of equipment containing flammable refrigerants**

□ Compliance with the transport regulations.

2. **Marking of equipment using signs**

□ Compliance with local regulations.

3. **Disposal of equipment using flammable refrigerants**

□ Compliance with national regulations.

4. **Storage of equipment/appliances**

□ The storage of equipment should be in accordance with the manufacturer's instructions.

5. **Storage of packed (unsold) equipment**

□ Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge.

□ The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

6. **Information on servicing**

□ **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 precautions shall be complied with prior to conducting work on the system.

□ **Work procedure:** Work shall be undertaken under a controlled procedure so as to minimized the risk of flammable gas or vapour being present while the work is being performed.

□ **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. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

□ **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 flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

□ **Presence of fire extinguisher**: If any hot work is to be conducted on the refrigeration 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.

□ **No ignition sources**: No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant 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 flammable 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.

□ **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.

□ **Checks to the refrigeration 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 charge size 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; Refrigeration 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.

□ **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 there no live electrical components and wiring are exposed while charging, recovering or purging the system; That there is continuity of earth bonding.

7. 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 apparatus is mounted securely.

□ Ensure that seals or sealing materials have not degraded such 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.

8. **Repairs 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.

9. **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.

10. **Detection of flammable refrigerants**

□ Under no circumstances shall potential sources of ignition be used in these arching for or detection of refrigerant leaks.

□ A halide torch (or any other detector using a naked flame) shall not be used.

11. **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 shutoff 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.

12. **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 be followed, since flammability is a consideration. The following procedure shall be adhered to:

a) safely remove refrigerant following local and national regulations;
b) purge the circuit with inert gas;
c) evacuate (optional for A2L);
d) purge with inert gas (optional for A2L);
e) open the circuit by cutting or brazing;

□ The refrigerant charge shall be recovered into the correct recovery cylinders if venting is not allowed by local and national codes. For appliances containing flammable refrigerants, the system shall be purged with oxygen - free nitrogen to render the appliance safe for flammable refrigerants. This process might 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 (optional for A2L). This process shall be repeated until no refrigerant is within the system (optional for A2L). When the final oxygen - free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.

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

13. **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 minimize the amount of refrigerant contained in them.

– Cylinders shall be kept up right.

– Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.

– Label the system when charging is complete (if not already).

– Extreme care should be taken not to overfill the refrigeration system.

□ Prior to recharging the system it shall be pressure tested with OFN.

□ 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.

14. **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 reclaimed 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,

Safety Information (continued)

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 manufacturer's 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 refrigeration system unless it has been cleaned and checked.

15. Labelling

- Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant.
- The label shall be dated and signed.

Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

16.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 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.
- Opening of the refrigeration systems shall not be done by brazing.
- 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 should be carried out safely.

A2L

WARNING: Risk of Fire or Explosion. This unit contains flammable refrigerant.

Additional safety precautions must be followed.

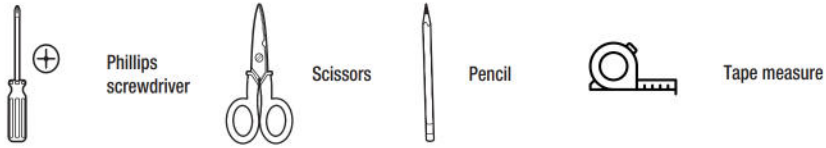
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn refrigerant tubing. Be aware that refrigerants may not contain an odor.
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The maximum refrigerant charge amount is shown on nameplate on the air conditioner.
- When handling, installing, and operating the appliance, care should be taken to avoid damage to the refrigerant tubing.
- Do not drill holes in the unit.
- Maintenance, cleaning, and service should only be performed by technicians properly trained and qualified in the use of flammable refrigerants.
- Dispose of air conditioner in accordance with Federal and Local Regulations. Flammable refrigerants require special disposal procedures. Contact your local authorities for the environmentally safe disposal of your air conditioner.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- This product contains small parts such as (batteries, battery cover and screws) that may cause suffocation if swallowed by children.

Pre-Installation

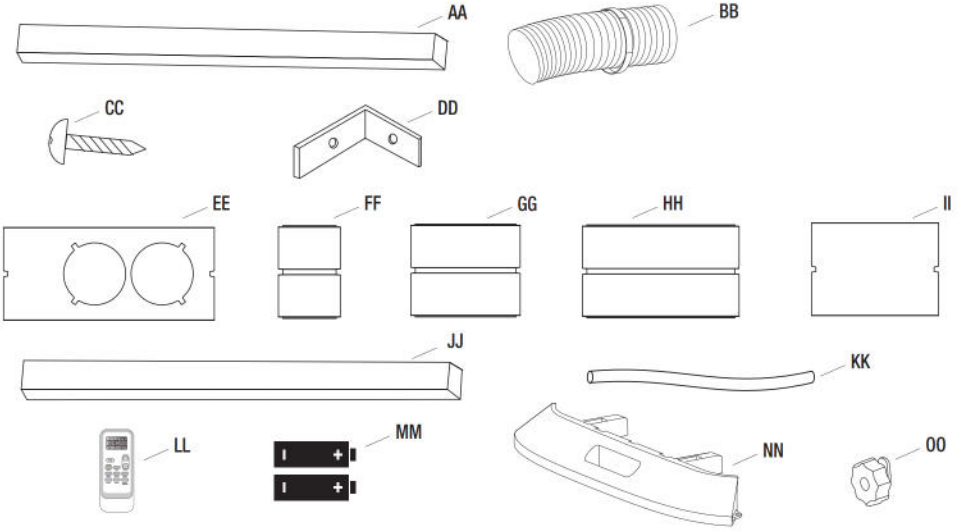
PLANNING INSTALLATION

Gather the required tools and parts before starting installation. Check that all parts are included in parts package. Read and follow the instructions provided with any tools listed here.

TOOLS REQUIRED



HARDWARE INCLUDED



Part	Description	Quantity
AA	Foam seal (non-adhesive)	1
BB	Flexible hose (installed on the model)	2
CC	Screws	4
DD	Window lock bracket	2
EE	Vent panel 19 3/10"	1
FF	Extension panel 5 7/10"	1
GG	Extension panel 10"	1
HH	Extension panel 14 3/10"	1
II	Extension panel 11 3/5"	1

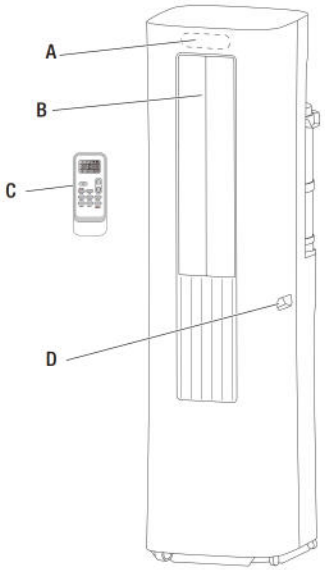
Part	Description	Quantity
JJ	Foam seal-long (adhesive)	3
KK	Drain hose (Heat pump models)	1
LL	Remote control	1
MM	Standard AAA (1.5 volt) batteries	2
NN	Mounting plate	4
OO	Locking kit	4

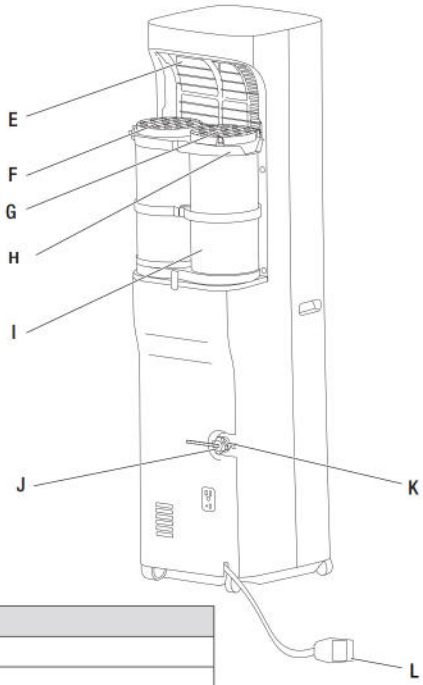
Pre-Installation (continued)

NOTE:

- Mercury free super heavy duty R03 UM-4 size AAA 1.5V.
- Best used before date code (month-year) on the bottom.
- Caution for ingestion: the battery may cause suffocation if swallowed by children.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon - zinc), or rechargeable (nickel - cadmium)
- batteries. Non-rechargeable batteries are not to be recharged.
- Exhausted batteries are to be removed from the product.
- DO NOT DISPOSE OF BATTERIES IN FIRE. BATTERIES MAY EXPLODE OR LEAK.

PACKAGE CONTENTS





Part	Description
A	Control panel
B	Cool air outlet
C	Remote control
D	Transport handle
E	Evaporator air intake
F	Condenser air outtake
G	Condenser air intake
H	Window adapter
I	Flexible hose
J	Drain cover
K	Drain port
L	Power cord (may differ from the one shown)

Pre-Installation (continued)

ELECTRICAL REQUIREMENTS

WARNING:

- Plug into a grounded 3-prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord. The appliance shall be installed in accordance with national wiring regulations.
- Failure to follow these instructions can result in fire, electrical shock, or death.

Recommended Grounding Method

This portable air conditioner must be grounded. This portable air conditioner is equipped with a power supply cord with a three-prong grounding plug. The cord must be plugged into a properly grounded three-prong outlet, grounded in accordance with all local codes and ordinances. If a properly grounded outlet is not available, it is the customer's responsibility to have a properly grounded three-prong outlet installed by a qualified electrician.

Customer's Responsibility

- To contact a qualified electrician.
- To assure that the electrical installation is adequate and conforms to the national electrical code, ANSI/NFPA 70-last edition, and all local codes and ordinances.

Copies of the standards listed may be obtained from:
National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

www.nfpa.org

Wiring Requirement

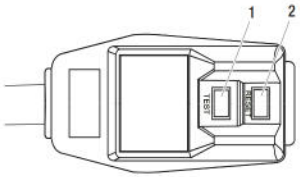
Power supply	Time-delay fuse (or circuit breaker)
115V 103.5V min. 126.5V max.	15A

Power Supply Cord

NOTE: Your air conditioner's device may differ from the one shown. This room air conditioner is equipped with a power supply cord required by UL. This power supply cord contains state-of-the-art electronics that sense leakage current. If the cord is crushed, the electronics detect leakage current and power will be disconnected in a fraction of a second.

To test your power supply cord:

1. Plug power supply cord into a grounded 3-prong outlet.
2. Press RESET (2) (on some devices, a green light will turn on).
3. Press TEST (1) and listen for click. The RESET button will trip, and on some devices, a green light will turn off.
4. Press and release RESET (2) and listen for click. The RESET button will latch, and on some devices, a green light will turn on. The power supply cord is ready for operation.



NOTE:

- The RESET button must be pushed in for proper operation.
- The power supply cord must be replaced if it fails to trip when the test button is pressed or fails to reset.
- Do not use the power supply cord as an off/on switch. The power supply cord is designed as a protective device.
- 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.
- The power supply cord contains no user serviceable parts. Opening the tamper-resistant case voids all warranty and performance claims.

LOCATION REQUIREMENTS

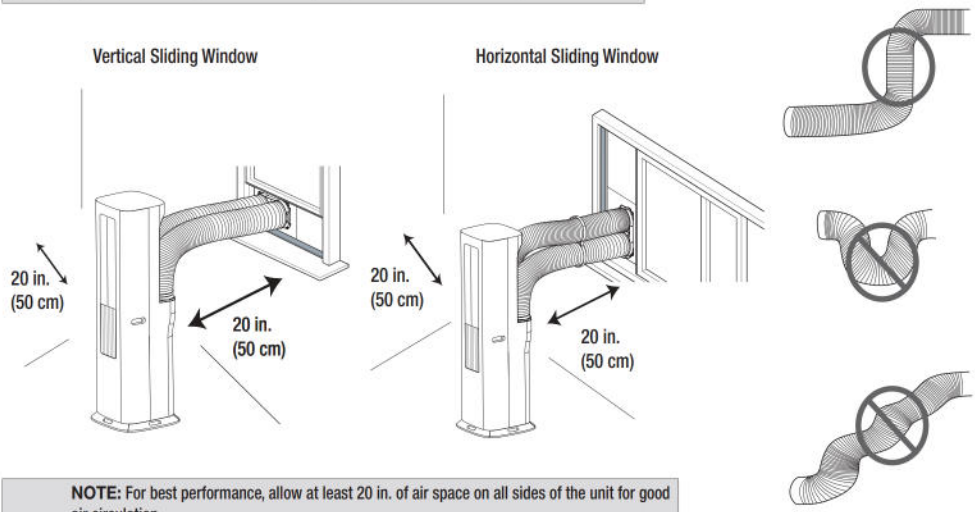
The flexible exhaust hose allows placement of the air conditioner at least 20 in. from window or door.

Confirm you are using the correct size air conditioner for the space to be cooled, per sizing recommendations, below:

Area to be cooled		DOE Capacity needed (BTUs)
Up to 10 ft x 15 ft room	150 sq. ft	5,000
Up to 10 ft x 25 ft room	250 sq.ft	6,000
Up to 15 ft x 20 ft room	300 sq. ft	7,000
Up to 10 ft x 35 ft room	350 sq. ft	8,000
Up to 15 ft x 30 ft room	450 sq. ft.	10,000
Up to 10 ft x 55 ft room	550 sq. ft.	12,000

NOTE: Match BTUs to room use and location: Shaded room, reduce to next smaller size; sunny room, increase to next larger size; for kitchens, increase to next larger size.

WARNING: The length of the exhaust hose is specially designed according to the specification of the product. Do not replace, extend, or otherwise modify the hose.



NOTE: For best performance, allow at least 20 in. of air space on all sides of the unit for good air circulation.

- ☐ Do not block the air outlet.
- ☐ Provide easy access to the grounded 3-prong outlet.
- ☐ To ensure proper function, DO NOT overextend or bend the hose. Make sure that there is no obstacle around the air outlet of the exhaust hose in order for the exhaust system to work properly. All the illustrations in this manual are for explanation purposes only. Your air conditioner may be slightly different. The actual shape shall prevail.

UNPACK THE AIR CONDITIONER

WARNING: Use two or more people to move and install air conditioner. Failure to do so can result in back or other injury.

Remove Packaging Materials

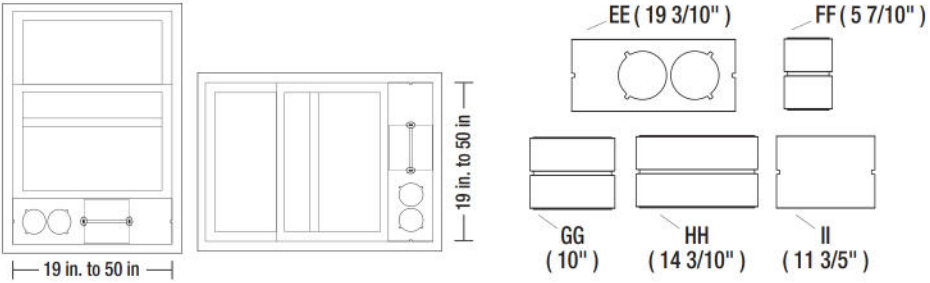
- ☐ Remove and recycle packaging materials.
- ☐ Remove tape and glue residue from surfaces before turning on the air conditioner. Rub a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.
- ☐ Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your air conditioner.
- ☐ Handle the air conditioner gently.

IMPORTANT: Keep unit upright at least 2 hours prior to use.

CAUTION: Installation accessories are stored in the top of the carton and are required for proper cooling performance. Please remove all accessories from packing materials before use.

WINDOW VENT PANEL AND EXTENSIONS

The window installation kit allows you to install the air conditioner in most vertical-sliding windows 19 in. to 50 in. wide, or horizontal sliding windows from 19 in. to 50 in. tall. Check your window size and choose the fit from the table.



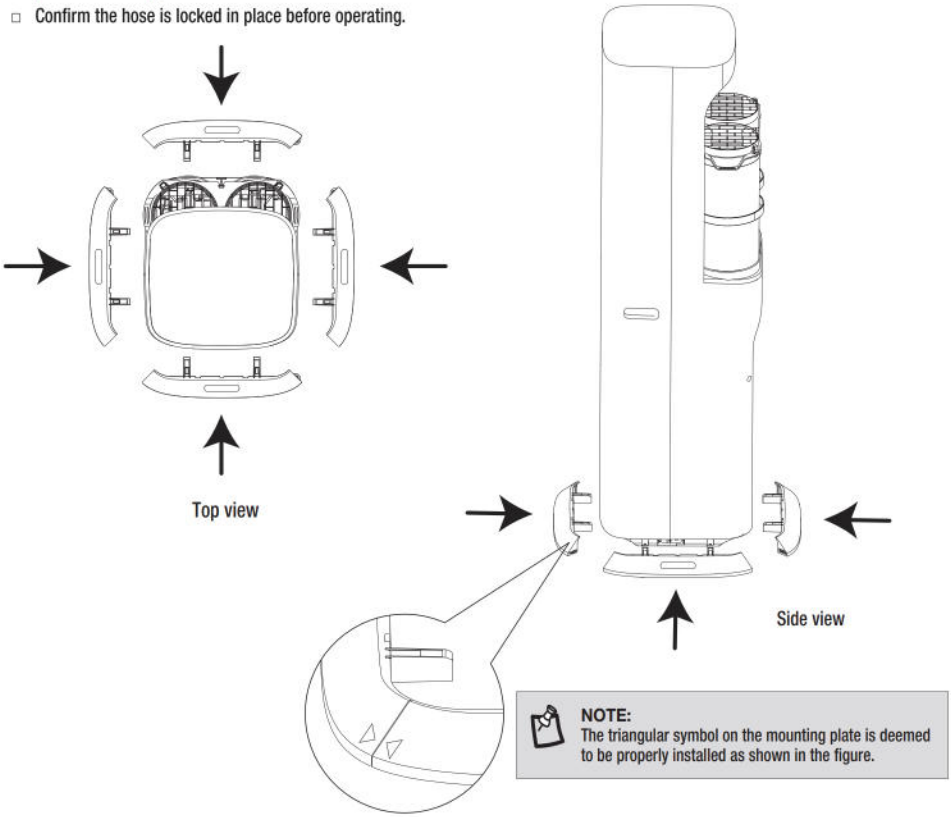
Please choose accessories for installation based on the size of your window.

Panel / Window	EE	FF	GG	HH	II	Assembly effect
19"	✔					
19"-23"	✔	✔				
23"-27"	✔		✔			
27"-31"	✔			✔		
31"-42"	✔			✔	✔	
42"-50"	✔	✔		✔	✔	

1 Attaching Mounting plate to Air Conditioner

CAUTION: The Bottom Mounting plate must be installed before the machine can be used.

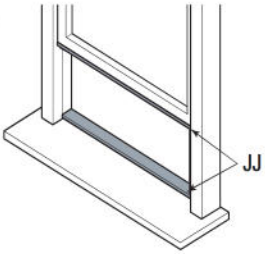
- □ Roll the air conditioner to selected location. See "Location Requirements" on page 9.
- □ Air outlet hose coupling, flexible hose, condenser air intake and window adapter have been pre-installed by factory, please check whether it is installed in place.
- □ When attaching mounting plate to air conditioner, ensure all mounting plates are properly assembled and securely positioned to support the unit.
- □ Confirm the hose is locked in place before operating.



NOTE:
The triangular symbol on the mounting plate is deemed to be properly installed as shown in the figure.

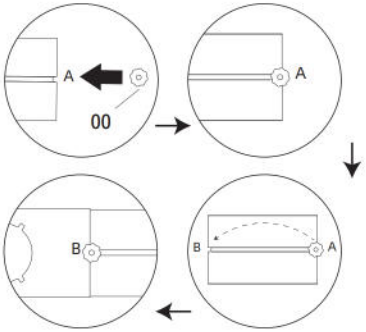
2a Installing in Vertical Sliding Window

1



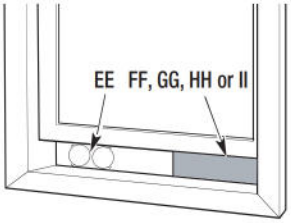
Cut the foam seal (JJ) (adhesive type-long) to the proper length, and attach it to the window sash and frame.

2



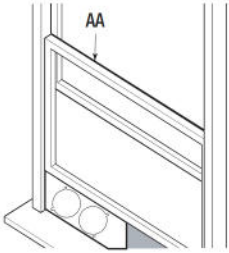
Insert the locking kit (00) from point A to point B within the extension panel. Add more extension panels as needed.

3



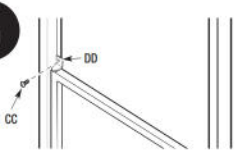
Install the vent panel assembly (EE), including the extended panels, into the window opening. Adjust the extension panels to match the window width. Secure the vent panel assembly (EE) by twisting the locking kit (00).

4



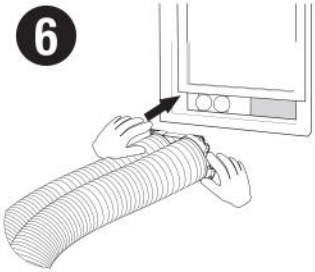
Cut the foam seal (AA) (non-adhesive type) to the window width. Stuff the foam seal (AA) between the glass and the window to prevent air and foreign objects from getting into the room.

5



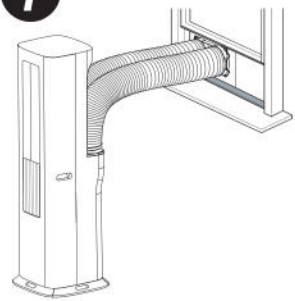
Install the window lock bracket (DD) with screw (CC) as shown, if needed.

6



Connect the window adapter to the window.

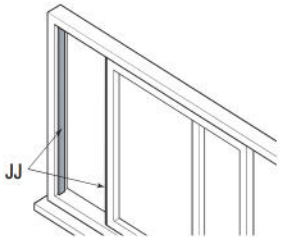
7



The installation has been successfully completed.

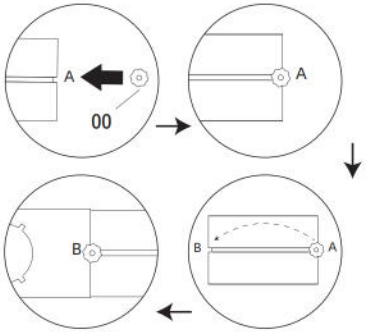
2b Installing in Horizontal Sliding Window

1



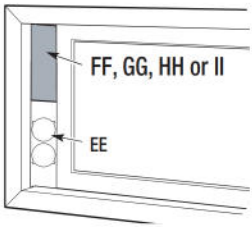
Cut the foam seal (JJ) (adhesive type-long) to the proper length, and attach it to the window sash and frame.

2



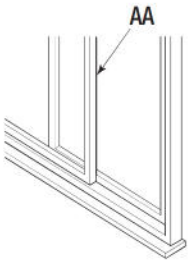
Insert the locking kit (OO) from point A to point B within the extension panel. Add more extension panels as needed.

3



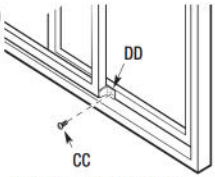
Install the vent panel assembly (EE), including the extended panels, into the window opening. Adjust the extension panels to match the window width. Secure the vent panel assembly (EE) by twisting the locking kit (OO).

4



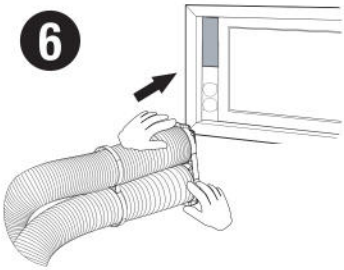
Cut the foam seal (AA) (non-adhesive type) to the window width. Stuff the foam seal (AA) between the glass and the window to prevent air and foreign objects from getting into the room.

5



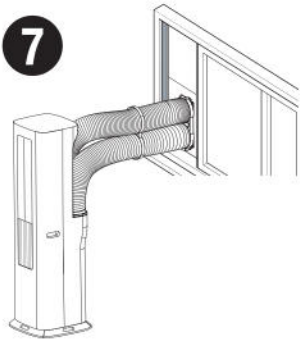
Install the window lock bracket (DD) with screw (CC) as shown, if needed.

6



Connect the hose to the window.

7



The installation has been successfully completed.

Operation

Operating your portable air conditioner properly helps you to obtain the best possible results. This section explains proper air conditioner operation.

NOTE:
In the event of a power failure, your air conditioner will operate at the previous settings when the power is restored.

Ambient Temperature Range For Unit Operating:

Dual hose air conditioner		
MODE	Ambient Temperature Range	
	Indoor	Outdoor
Cool	61-90°F (16-32°C)	61-110°F (16-43°C)
Heat(heat pump model)	41-86°F (5-30°C)	
Heat(electrical heat model)	، 86° F(30°C)	

Single hose air conditioner	
MODE	Ambient Temperature Range
Cool	61-95°F (16-35°C)
Heat(heat pump model)	41-86°F (5-30°C)
Heat(electrical heat model)	، 86° F(30°C)

NOTE: The evaporator may frost or freeze when DRY mode is used at low temperatures. This is a normal occurrence and may impact the drying efficiency.

- Do not stay in direct air flow from the air conditioner for extended periods of time.
- Never use in tightly enclosed spaces. Always ensure there is sufficient air flow of outside air entering the household especially when used in conjunction with combustible devices such as gas stoves, fireplaces, furnaces, hot water heaters etc. Do not place the power cord or air conditioner near a heater, radiator, stoves or other apparatus (including amplifiers) that produce heat.
- This air conditioner is intended for household use as a residential appliance. Do not use it as a precision climate control for commercial use, or for precision equipment, food, pets, plants, artwork, etc.
- Do not block or obstruct the exhaust vent hose as it may severely affect performance, or cause failure of the air conditioner.
- When changing modes while the air conditioner is in operation, the compressor will stop for 3 to 5 minutes before restarting. If a button is pressed during this time, the compressor will not restart for another 3 to 5 minutes.
- In Cool, Dry or Heat mode, the compressor and condenser fan will stop when the room temperature reaches the set temperature.
- In Dry mode, the humidity level is automatically set, but is not able to be displayed.

1 Using the Control Panel

NOTE:
Remove the tape before use.

NOTE:
The symbols may be different from these models, but the functions are similar.

POWER
CONNECT 3 Sec

POWER ON OR OFF

- The first time the air conditioner is plugged in and turned on after your purchase, it will be set in Cool Mode.
- When the air conditioner is turned on at all other times, it will run according to the previous setting.
- **CONNECT:** Press and hold the POWER button for 3 seconds to enter WiFi pairing mode. For more details, please refer to the instructions in the app.

NOTE: WIFI control is available for connected models with this logo on the control panel.

MODE
CONTINUOUS FAN 3 Sec

MODE

- Press and release MODE until you see the symbol for the desired setting. Operating modes are Cool, Dry, Fan, or Heat.

• Cool

- **Cool -** Cools the room. Press FAN on the remote control the to select High, Mid or Low speeds. Press the ∧ or ∨ button to adjust the temperature.

• Dry

- **Dry -** Dries the room. The air conditioner automatically selects the temperature. The fan runs on Low speed only.

NOTE: Dry mode should not be used to cool the room.

• Fan

- **Fan Only** mode. Press FAN on the remote control the to select High, Mid or Low speeds.

• Heat

- **Heat-** Heats the room. Press FAN on the remote control the to select High, Mid or Low speeds. Press the ∧ or ∨ button to adjust the temperature.

NOTE: This mode is available only for heat pump models.

- **CONTINUOUS FAN:** Press MODE and hold for 3 seconds to switch to continuous fan mode. In this mode, the indoor fan will continue running even when the set temperature is reached. To return to the previous mode, press and hold for 3 seconds again; the indoor fan will stop once the set temperature is reached.

∨ 72 ∧

TEMPERATURE

- Press the ∧ button once to increase the set temperature by 1 °F (1 °C).
- Press the ∨ button once to decrease the set temperature by 1 °F (1 °C).

NOTE:
In Cooling mode, the temperature can be set between 61 °F and 86 °F (16 °C and 30 °C).
In Fan Only mode, the temperature cannot be set.

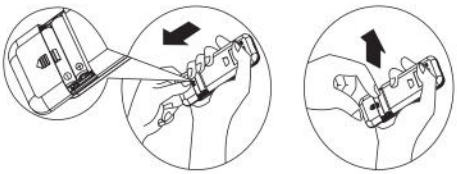
CHANGE DISPLAY BETWEEN °F AND °C

- To change the temperature display between °F and °C. Press both the ∧ and ∨ buttons at the same time.

2 Using the Remote Control

INSERT THE BATTERIES

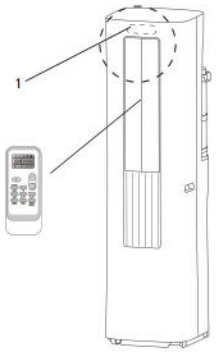
- Remove the battery cover along the arrowed direction.
- Insert new batteries making sure that the (+) and (-) of battery are matched correctly.
- Reattach the cover by sliding it back into position.



NOTE:
- Use 2 standard AAA (1.5 volt) batteries. Do not use rechargeable batteries.
- Replace batteries with new ones of the same type when the display becomes dim, or after 6 months.
- When replacing batteries, always replace both batteries with new batteries. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (NI-Cd, NI-MH, etc.) batteries.
- If the air conditioner will not be used for an extended period of time, remove the batteries from the remote.
- DO NOT DISPOSE OF BATTERIES IN FIRE. BATTERIES MAY EXPLODE OR LEAK.

CAUTION: Do not use the remote if the batteries have leaked. The chemicals in batteries could cause burns or other health hazards.

2 Using the Remote Control (continued)

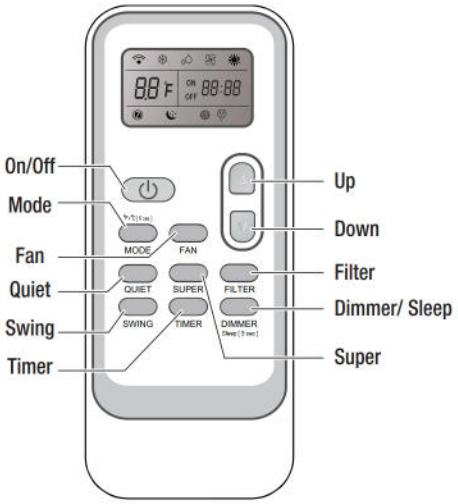


HOW TO USE

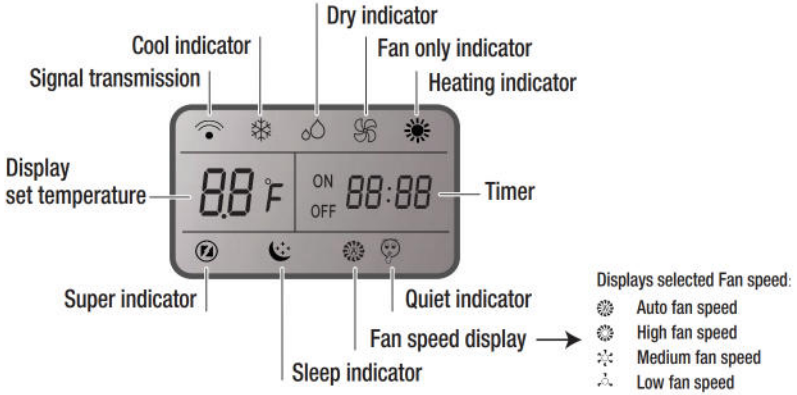
- To operate the room air conditioner, aim the remote control at the signal receptor (1).
- The remote control will operate the air conditioner at a distance of up to 23 ft. (7 m) when pointing at signal receptor of the air conditioner.

NOTE:
- Remote control may differ in appearance.

BUTTON FUNCTIONS



INDICATION SYMBOLS



2 Using the Remote Control (continued)

POWER ON OR OFF

- Press ON/OFF button to turn on or off the unit.

NOTE:
When changing modes during operation, the unit may not respond immediately. Please be patient, as the compressor needs 3 minutes to restart after shutting down.

UP DOWN

- Press the UP or DOWN button to set the temperature.
  Press the UP button once to increase the set temperature by 1 °F (1 °C).
  Press the DOWN button once to decrease the set temperature by 1 °F (1 °C).

NOTE:
In the Cooling and Heating mode, the temperature can be set between 61 °F and 86 °F (16 °C and 30 °C).
In Fan Only mode, the temperature cannot be set.

MODE

°F/°C (5 sec)
MODE

- Press MODE to select COOL, DRY, FAN or HEAT. (Heating is available only for heat pump models.)

NOTE:
Press the mode button for 5 seconds to switch the temperature display from degrees Fahrenheit(°F) to degrees Celsius(°C).

COOL INDICATOR

- Cooling-Cools the room. Press FAN to select AUTO, HIGH, MID or LOW.
  Press the UP or DOWN button to adjust the temperature.

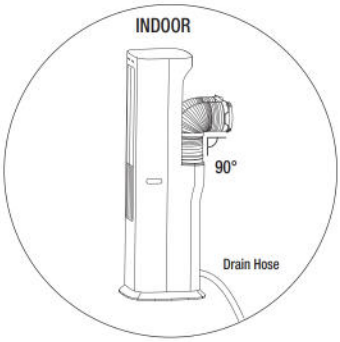
DRY INDICATOR

- The air conditioner automatically selects the temperature. The fan runs on Low speed only.

NOTE:
Dry mode should not be used to cool the room.
During DRY mode, the indoor temperature may increase.
Keep windows and doors closed for the optimal dehumidification results.

- Angle the flexible hoses to 90°, as shown. Do not connect the hoses to the window kit.
- Before starting the DRY mode, remove the drain cover and insert the drain hose into the drain port. Refer to page 21 - "Care and Cleaning".
- Direct the drain hose to a floor drain or a suitable drainage location.

NOTE:
The unit will not shut off automatically when using a water container. To prevent overflow, check the water level regularly.



2 Using the Remote Control (continued)

FAN ONLY INDICATOR

- Fan Only-Only the fan runs. Press FAN button to adjust fan speed.

NOTE: Auto fan speed cannot be selected in Fan Only mode.

HEATING INDICATOR

- Heating-Heats the room. Press FAN to select AUTO, HIGH, MID or LOW. Press the UP or DOWN button to adjust the temperature.

FAN

FAN SPEED

- Press and release FAN to choose the desired fan speed.

AUTO FAN SPEED

- Auto-Automatically controls fan speed depending on current room temperature and setting temperature.

NOTE:
Auto fan speed cannot be selected in Fan Only mode.

HIGH FAN SPEED

- High for maximum fan speed.

MEDIUM FAN SPEED

- Mid for normal fan speed.

LOW FAN SPEED

- Low for minimum fan speed.

QUIET

QUIET

- Press the QUIET button to set or cancel the quiet mode, the indicator "" will display on LCD.
- In this mode, the air conditioner will work with low noise performance.

NOTE:
It takes about 2 to 3 minutes to fully enter the quiet mode.
The QUIET button is disabled in dry mode.

SUPER

SUPER

The SUPER button is used to start or stop fast cooling or fast heating.

- Pressing the SUPER button at cool, dry or fan only mode, fast cooling will automatically set the fan speed to High and the temperature to 61 °F (16 °C).
- If the model supports heating mode, you can use this button to turn on the fast heating function in heating mode. Fast heating operates at auto fan speed or high speed, changing the set temperature automatically to 86 °F (30 °C).
- You can turn off the super mode by pressing some keys such as SUPER, FAN, QUIET.

NOTE:
- In the SUPER mode, you can set the timer.
- SUPER button is ineffective in ECO mode.

2 Using the Remote Control (continued)

FILTER

- Press FILTER button on remote to reset the filter cleaning tips after cleaning and replacing the air filter.

NOTE: When the light is on, it will remain on for 180 hours or until you press Clean Filter button.

SWING

- Press SWING once to change the horizontal airflow direction.
- Press again to hold the louver in a desired position.

NOTE:

- Airflow is automatically adjusted to a preset direction after turning on the unit.
- The direction of airflow can be adjusted by pressing the SWING button.
- To prevent damage, do not turn the airflow louvers manually.
- Turning the louver manually will disrupt normal operation. To recover, simply restart the air conditioner.

TIMER

- Use the TIMER function to turn the air conditioner ON/OFF automatically.

Setting the Air Conditioner to Turn On:

- Plug in the air conditioner and use the remote to power it ON.
- Use the remote to set the desired mode, temperature, fan speed, etc.
- Use the remote to power OFF the air conditioner.
- Press TIMER on the remote and use the UP/ DOWN buttons to set the desired delay time. The delay time can be set from 0 to 24 hours in one-hour increments.
- Press TIMER again to confirm the delay time. The Timer light on the unit will be on.

Setting the Air Conditioner to Turn Off:

- Plug in the air conditioner and use the remote to power it ON.
- Use the remote to set the desired mode, temperature, fan speed, etc.
- Press TIMER on the remote and use the UP/DOWN buttons to set the desired delay time. The delay time can be set from 0 to 24 hours in one-hour increments.
- Press TIMER again to confirm the delay time. The Timer light on the unit will be on.

To Cancel Timer:

Press the TIMER button again. Once a “beep” is heard and the indicator disappears, the Timer mode has been canceled.

NOTE: The Timer mode can only be set by the remote control.

DIMMER

- Press the DIMMER button to turn off the control panel display.

NOTE: When in DIMMER mode, new control inputs will return display to normal.

2 Using the Remote Control (continued)

SLEEP MODE

- Sleep mode can only be set in Cooling, Drying or Heating modes. When in sleep mode the unit will utilize lower, quieter fan speeds and automatic temperature adjustments offering 8 hours of optimal sleeping conditions before shutting off.

NOTE:
- The appliance will stop operation automatically after operating for 8 hours.
- Fan speed is automatically set at low speed.
- Upon entering sleep mode, the appliance will automatically adjust the temperature based on environmental conditions to ensure user comfort.
- Sleep control cannot be selected in FAN mode.

- Press and hold the DIMMER button on the remote for 5 seconds to switch the DIMMER mode to the Sleep mode.
- After 10 seconds, the lights on the control panel display will dim.

NOTE: The temperature and airflow direction may be adjusted during Sleep control. The fan speed is automatically set to Low speed.

- To turn off Sleep control, press MODE, FAN, SUPER, SLEEP or wait 8 hours for Sleep control to turn off automatically.

NOTE: The air conditioner will return to previous settings after Sleep mode is turned off.

3 Normal Sounds

When your air conditioner is operating normally, you may hear sounds such as:

1. Air movement from the fan.
2. Clicks from the thermostat cycling.
3. Vibration or noise due to poor wall or window construction.
4. A high-pitched hum or pulsating noise caused by the high-efficiency compressor cycling on and off.

4 Using the ConnectLife APP

The Connectlife app by Hisense provides you the ability to conveniently monitor the unit and change your settings from anywhere.

NOTE: Only available on WiFi models.

DEVICES REQUIRED TO USE THE SMART AC:

- Smartphone with compatible iOS or Android system.
- Wireless Router (a 2.4 GHz network is required to connect).
- Smart air conditioner.

DOWNLOAD AND INSTALL THE CONNECTLIFE APP

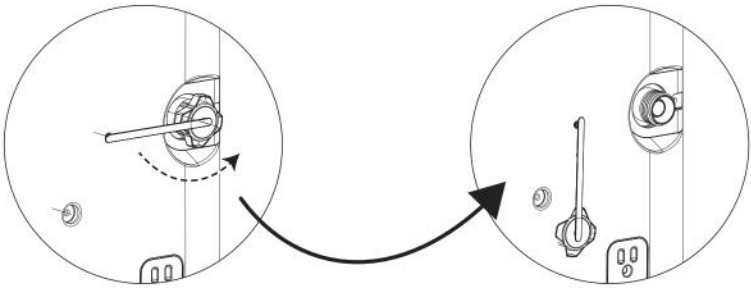
- Scan to download the ConnectLife APP.
- You can also go to Google Play or App Store and search for the ConnectLife APP.
- Follow the in-APP instructions to pair your appliance.

GET IT ON Google Play

Download on the App Store

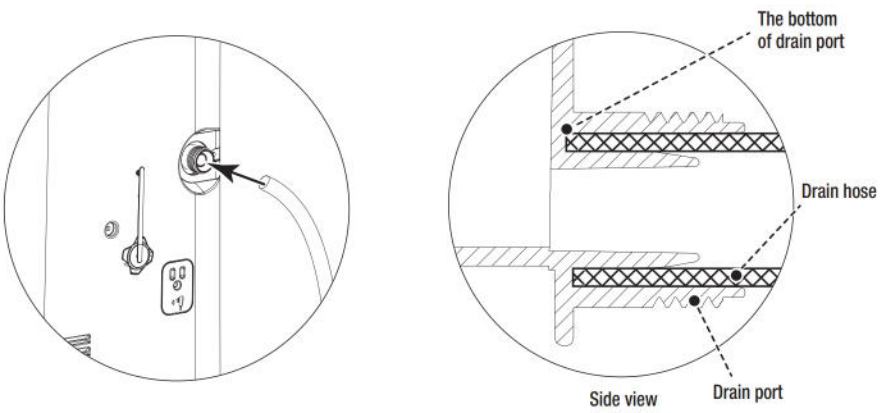
1 Draining the Air Conditioner

1



- ☐ Turn off the air conditioner, then unplug it or disconnect it from the power source.
- ☐ Remove the drain cover counterclockwise.

2

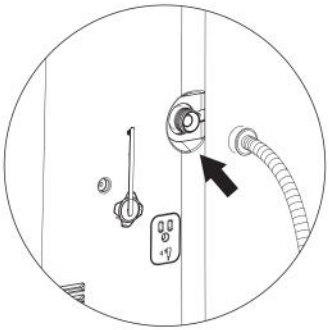


- ☐ Attach the drain hose to the drain port (without screw thread). Insert the hose into the bottom of the drain port securely. Make sure the connector has no water leak.
- ☐ Completely drain the water through the drain port.

NOTE: Garden hose is compatible with this model.

NOTE:
- ☐ Garden hose sold separately.
- ☐ The drain hose inner diameter should be greater than 1/2 in. The connector is designed for North American garden hoses only.

IMPORTANT: In North America the garden hose connectors are 3/4 in. diameter straight (non-tapered) thread with a pitch of 11.5 threads per inch (male part has an outer diameter of 1-1/16 in. (26.99 mm).



1 Draining the Air Conditioner

The unit will stop running after the water reaches warning level, carefully move the air conditioner to a drain location or put the water collection tray at the bottom, then remove the drain cover and let the water drain away.

NOTE: To avoid leaking water from the unit, move the air conditioner slowly and keep it level.

WARNING: Excessive Weight Hazard
Use two or more people to move and install the air conditioner. Failure to do so can result in back or other injury.

NOTE: Ensure proper water drainage prior to storage.

NOTE: For safe and continuous operation in Dry and Heating mode, ensure the drain hose is connected before turning on the unit. Failure to do so may result in the unit shutting off automatically when the condensation level reaches a critical point.

NOTE: If the air conditioner will be stored after use, see "Storing After Use".

2 Cleaning the Outside

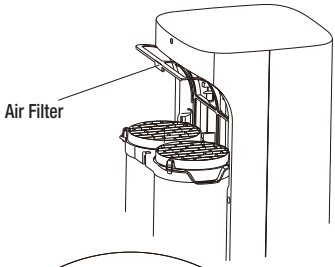
- □ Turn off the air conditioner.
- □ Unplug air conditioner or disconnect power.
- □ Remove the air filter and clean separately. See "Cleaning Air Filter".
- □ Wipe the outside of the air conditioner with a soft, damp cloth.
- □ Plug in the air conditioner or reconnect power.
- □ Start the air conditioner.

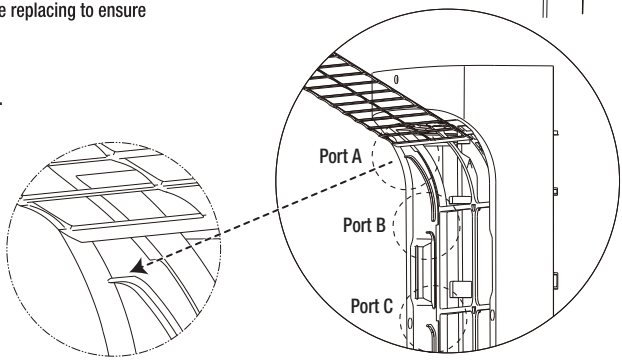
3 Cleaning the Air Filter

- □ Turn off the air conditioner.
- □ Remove the Air Filter.
- □ Use a vacuum cleaner to clean the filter. If the filter is very dirty, wash the filter in warm water with a mild detergent.

NOTE: Do not wash the filter in the dishwasher or use any chemical cleaner.

- □ Air dry the filter completely before replacing to ensure maximum efficiency.
- □ Reinstall the Air Filter.
- □ There are three ports: A, B, and C. Please ensure that you insert through port A.
- □ Start the air conditioner.





4 Storing After Use

If the air conditioner will not be used for an extended period of time:

- □ Drain the water completely. See “Draining the Air Conditioner”.
- □ Run the air conditioner set to Fan Only for approximately 12 hours to dry the air conditioner.
- □ Unplug the air conditioner.
- □ Remove the flexible exhaust hose and store with the air conditioner in a clean, dry area. See “Installation Instructions”.
- □ Remove the window kit and store with the air conditioner in a clean, dry area. See “Installation Instructions”.
- □ Remove the filter and clean. See “Cleaning the Air Filter”.
- □ Clean the outside of the air conditioner. See “Cleaning the Outside”.
- □ Reinstall the filter.
- □ Remove the batteries and store the remote control with the air conditioner in a clean, dry area.

CAUTION: Please recycle or dispose of the packaging material for product in an environmentally responsible manner. Never store or ship the air conditioner upside down or sideways to avoid damage to the compressor. Dispose of this appliance in accordance with Federal and Local regulations. Refrigerants must be evacuated before disposal.

Before using the air conditioner again:

- □ Make sure the filter and drain cap are in place.
- □ Check the power cord to make sure it is in good condition, with no cracks or damage.
- □ Place new batteries in the remote.
- □ Install the air conditioner. See “Installation Instruction”.

Troubleshooting

Before calling for service, please try the suggestion below.

Problem	Solution
Air conditioner will not operate	**DANGER: ELECTRICAL SHOCK HAZARD** □ Plug into a grounded 3-prong outlet. □ Do not remove ground prong. □ Do not use an adapter. □ Do not use an extension cord. □ Failure to follow these instructions can result in fire, electrical shock,or death. □ The power supply cord is unplugged. Plug into a grounded 3-prong outlet. See “Electrical Requirements” on page 8. □ Time-delay fuse or circuit breaker of the wrong capacity is being used. Replace with a time-delay fuse or circuit breaker of the correct capacity. See “Electrical Requirements” on page 8. □ The power supply cord has tripped (Reset button has popped out). Press and release RESET to resume operation. (Listen for click; RESET button will latch and remain in.) □ A household fuse has blown, or a circuit breaker has tripped. Replace the fuse, or rest the circuit breaker. See “Electrical Requirements” on page 8. □ The On/Off button has not been pressed. Press ON/OFF. □ The local power has failed. Wait for power to be restored.
Air conditioner blows fuses or trips circuit breakers	□ Too many appliances are being used on the same circuit. Unplug or relocate appliances that share the same circuit. □ You are trying to restart the air conditioner too soon after turning off air conditioner. Wait at least 3 minutes after turning off air conditioner before trying to restart the air conditioner.
Air conditioner power supply cord trips (Reset button pops out)	□ Disturbances in your electrical current can trip (RESET button will pop out) the power supply cord. Press and release RESET to resume operation. (Listen for click; RESET button will latch and remain in.) □ Electrical overloading, overheating, cord pinching or aging can trip (RESET button will pop out) the power supply cord. □ After correcting the problem, press and release RESET to resume operation. (Listen for click; RESET button will latch and remain in.) If the power cord fails to reset, contact a service technician. **NOTE:** A damaged power supply cord must be replaced with a new power supply cord obtained from the product manufacturer and must not be repaired.

Troubleshooting (continued)

Problem	Solution
Air conditioner seems to run too much	□ A door or window is open. Keep doors and windows closed. □ The current air conditioner replaced an older model. The use of more efficient components may cause the air conditioner to run longer than an older model, but the total energy consumption will be less. Newer air conditioners do not emit the "blast" of cold air you may be accustomed to from older units, but this is not an indication of lesser cooling capacity or efficiency. Refer to the efficiency rating (EER) and capacity rating (in Btu/h) marked on the air conditioner. □ The air conditioner is in a heavily occupied room, or heat producing appliances are in use in the room. Use exhaust vent fans while cooking or bathing and try not to use heat-producing appliances during the hottest part of the day. Portable air conditioners are designed as supplemental cooling to local areas within a room. A higher capacity air conditioner may be required, depending on the size of the room being cooled.
Air conditioner runs for a short time only, but room is not cool	□ Set temperature is close to room temperature. □ Lower set temperature. See "Operation".
Display error code	□ If the unit displays error code E5, the water container is full. □ Drain the water, see "Draining the Air Conditioner" on page 21. After draining, the unit can be operated again. □ If the unit displays error code E1/E2/E3/E5/E6/E7/EA, please contact customer service.
Air conditioner runs, but does not cool	□ The filter is dirty or obstructed by debris. Clean the filter. □ Air outlet is blocked. Clear air outlet. □ Set temperature is too high. Lower set temperature.
Air conditioner cycles on and off too much	□ The air conditioner is not properly sized for your room. Check the cooling capabilities of your portable air conditioner. Portable air conditioners are designed as supplemental cooling to local areas within a room. □ The filter is dirty or obstructed by debris. Clean the filter. □ There is excessive heat or moisture, open container cooking, showers, etc. in the room. Use a fan to exhaust heat or moisture from the room. Try not to use heat-producing appliances during the hottest part of the day. □ The louvers are blocked. Install the air conditioner in a location where the louvers are free from curtains, blinds, furniture, etc.