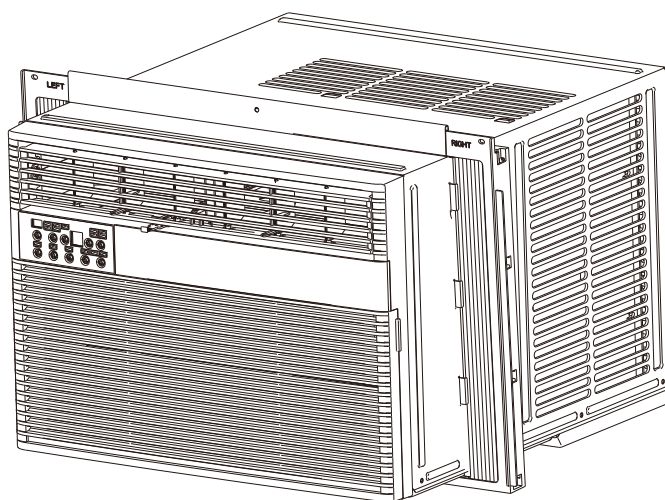# Ocean Breeze®

OWNER'S MANUAL
WINDOW/WALL−TYPE
ROOM AIR CONDITIONER

MODEL: OBZ-08CR3W

Please visit us at www.oceanbreezecomfort.com to register your warranty, order parts and more.

Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

CONTENTS

Read This Manual

Inside you will find many helpful tips on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the Troubleshooting Tips section.

These instructions may not cover every possible condition of use, so common sense and attention to safety is required when installing, operating, and maintaining this product.

IMPORTANT SAFETY INSTRUCTIONS

To prevent injury to the user or others, the following instructions must be followed. Improper operation due to ignoring of instructions may cause harm or property damage. Below are definitions for symbols used throughout the manual.

⚠ WARNING	This symbol indicates the possibility of death or serious injury.
ⓘ CAUTION	This symbol indicates the possibility of injury or damage to property.

⚠ WARNING

• Plug in power cord plug properly.
  Otherwise, it may cause electric shock or fire due to excess heat generation.

• Do not modify power cord length or share the outlet with other appliances as it may cause electric shock or fire due to overheating.

• Always ensure effective grounding.
  Incorrect grounding may cause electric shock.

• Unplug the unit if you notice unusual sounds or smells, or smoke coming from it.
  A damaged product may cause fire and electric shock.

• Ventilate room before operating the air conditioner if there is a gas leakage from another appliance.

• Do not operate or stop the unit by inserting or pulling out the power cord plug.

• Do not operate with wet hands or in very humid environments.
  It may cause an electric shock.

• Do not allow water to come into contact with any electric parts.
  It may cause failure or electric shock.

• Do not use a power outlet or a power cord if it's loose or damaged.
  It may cause fire and electric shock.

• Do not use or keep the power cord close to heating appliances.
  It may cause fire and electric shock.

• Do not disassemble or modify the unit.
  It may cause failure and electric shock.

• Do not damage or use an alternate power cord.
  It may cause fire and electric shock.
  If the power cord is damaged, it must be replaced by the manufacturer or an authorized servicer in order to avoid a hazard.

• Do not direct airflow straight onto people or pets to avoid possible health hazards.

• Always install a circuit breaker and a dedicated power circuit.
  Incorrect installation may cause fire and electric shock.

• Do not open the unit during operation.
  It may cause an electric shock.

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING

- Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
  It may cause an explosion or fire.

- When the air filter is to be removed, do not touch the metal parts of the unit.
  It may cause injury.

- When the unit needs cleaning, switch off, and turn off the circuit breaker.
  Do not clean unit when power is on as it may cause fire, electric shock, or injury.

⚠ CAUTION

- Stop operation and close the window during a storm or hurricane.
  Operation with windows open may cause water leakage into the room.

- Do not place obstacles around air inlets or inside of the air outlet.
  It may cause failure or damage the unit.

- Do not use strong detergents that contain wax or thinners as it may damage the product. Clean with a soft cloth only.

- Use caution when unpacking and installing. Sharp edges could cause injury.

- Do not clean the air conditioner with water.
  Water may enter the unit and degrade the insulation which could lead to electric shock.

- Do not put a pet or house plant where it will be exposed to direct air flow.
  This could injure the pet or harm the plant.

- Hold the plug by the head of the power plug when taking it out.
  Otherwise, it may cause electric shock and damage.

- Ensure that the installation is properly secured to prevent the product from potentially falling.

- Do not place heavy objects on the power cord and ensure that the cord is not compressed.
  Otherwise, there is danger of fire or electric shock.

- When used near a stove or other gas-burning device, be sure the room is properly ventilated.
  Otherwise, an oxygen shortage may occur.

- Do not use for any purpose other than room comfort.
  Do not use this air conditioner to preserve precision devices, food, pets, plants, objects. It may cause deterioration.

- Disconnect the product from power if the unit is not to be used for an extended time.

- Always insert the filters securely. Operation without filters may cause failure.

- Do not drink water drained from the air conditioner.

IMPORTANT SAFETY INSTRUCTIONS

📌 NOTE:

The power supply cord with this air conditioner contains a current detection device designed to reduce the risk of fire. Please refer to the section 'Operation of Current Device' for details. In the event that the power supply cord is damaged and cannot be repaired, it must be replaced with a cord from the Product Manufacturer.

⚠ WARNING

Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove any prong from the power cord.

Grounding type wall receptacle

Do not, under any circumstances, cut, remove, or bypass the grounding prong.
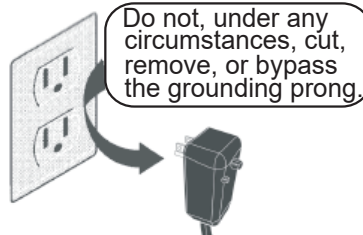
Power supply cord with 3-prong grounding plug and current detection device.

⚠ WARNING

For Your Safety

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

Prevent Accidents

To reduce the risk of fire, electrical shock, or injury to persons when using your air conditioner, follow basic precautions, including the following:

- Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the cabinet and behind the grille.
- If the air conditioner is to be installed in a window, you will probably want to clean both sides of the glass first. If the window is a triple-track type with a screen panel included, remove the screen completely before installation.
- Be sure the air conditioner has been securely and correctly installed according to the installation instructions in this manual. Save this manual for possible future use in removing or installing this unit. When handling the air conditioner, be careful to avoid getting cut from sharp metal fins on front and rear coils.

Electrical Information

The complete electrical rating of your new room air conditioner is stated on the serial plate. Refer to the rating when checking the electrical requirements.

- Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your air conditioner must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time-delay fuse or circuit breaker, have a qualified electrician install the proper receptacle. Ensure the receptacle is accessible after the unit installation.
- Do not run an air conditioner without side protective cover in place. This could result in mechanical damage within the air conditioner.
- Do not use an extension cord or an adapter plug.

IMPORTANT SAFETY INSTRUCTIONS

Operation of Current Device

The power supply cord contains a current device that senses damage to the power cord. To test your power supply cord, do the following:
1. Plug in the Air Conditioner.
2. The power supply cord will have TWO buttons on the plug head. Press the TEST button, you will notice a click as the RESET button pops out.
3. Press the RESET button, again you will notice a click as the button engages.
4. The power supply cord is now supplying electricity to the unit. (On some products, this is also indicated by a light on the plug head).

📌 NOTE:

- Do not use this device to turn the unit on or off.
- Always make sure the RESET button is pushed in for correct operation.
- The power supply must be replaced if it fails to reset when either the TEST button is pushed, or it cannot be reset. A new one can be obtained from the product manufacturer.
- If the power supply cord is damaged, it cannot be repaired. It MUST be replaced by one obtained from the product manufacturer.

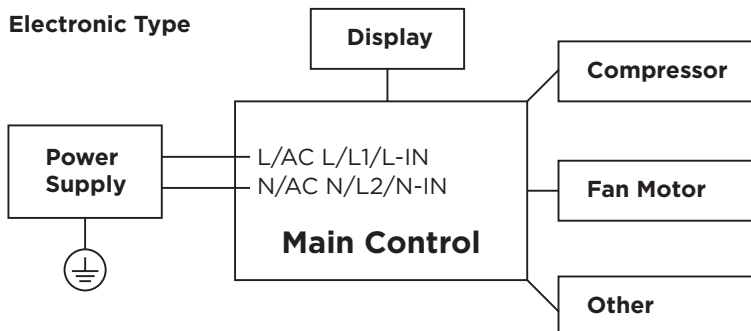**NOTE:** This air conditioner is designed to be operated under the condition as follows:

Cooling operation	Outdoor temp:	64-109°F/18-43°C (64-125°F/18-52°C for special tropical models)
	Indoor temp:	62-90°F/17-32°C
Heating operation	Outdoor temp:	23-76°F/-5-24°C
	Indoor temp:	32-80°F/0-27°C

Note: Performance may be reduced outside of these operating temperatures.

Electronic Work

⚠️ **WARNING:**
BEFORE PERFORMING ANY ELECTRICAL OR WIRING WORK, TURN OFF THE MAIN POWER TO THE SYSTEM.

Electronic Type

Display

Compressor

Power Supply

L/AC L/L1/L-IN
N/AC N/L2/N-IN

Fan Motor

Main Control

Other

NOTE: Please strictly follow the wiring label attached to the machine for all wiring connections.
The wiring diagram may vary for different unit.
Please refer to the wiring diagram on the machine you have purchased.
The above wiring diagram is a simplified version for preliminary illustration purposes only.

IMPORTANT SAFETY INSTRUCTIONS

WARNING for Using R32 Refrigerant

- 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 the refrigerants may not contain an odor.
- Appliance should be installed, operated and stored in a room with a floor area according to the amount of refrigerant to be charged. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself. When there are differences between the label and the manual on the Min. room area description, the description on label shall prevail.
- Appliance shall be installed, operated and stored in a room with a floor area larger than 4 m². Appliance shall not be installed in an unventilated space, if that space is smaller than 4 m².
- No open fire or device like switch which may generate spark/arcing shall be around appliance to avoid causing ignition of the flammable refrigerant used. Please follow the instructions carefully when storing or maintaining the appliance to prevent mechanical damage from occurring.

A2L

CAUTION:
Risk of fire
flammable materials

	Explanation of symbols displayed on the unit	
	CAUTION	This symbol shows that the operation manual should be read carefully.
	CAUTION	This symbol shows that a service personnel 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.

- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- DO NOT modify the length of the power cord or use an extension cord to power the unit.
- DO NOT share a single outlet with other electrical appliances. Improper power supply can cause fire or electrical shock.
- Please follow the instruction carefully to handle, install, clear, service the appliance to avoid any damage or hazard.

IMPORTANT SAFETY INSTRUCTIONS

Flammable Refrigerant R32 is used within appliance.
- When maintaining or disposing the appliance, the refrigerant (R32) shall be recovered properly, shall not discharge to air directly.
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- 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.
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification. All training shall follow the ANNEX HH requirements of UL 60335-2-40 4th Edition.

Examples for such working procedures are:
• breaking into the refrigerating circuit;
• opening of sealed components;
• opening of ventilated enclosures.

1.Transport of equipment containing flammable refrigerants

See transport regulations.

2.Marking of equipment using signs

See local regulations.

3.Disposal of equipment using flammable refrigerants

See national regulations.

4.Storage of equipment/appliances

The storage of the appliance should be in accordance with the applicable regulations or instructions, whichever is more stringent.

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

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 precautions shall be complied with 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. 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.

IMPORTANT SAFETY INSTRUCTIONS

4)Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerating 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.

5)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 on hand. Have a dry powder or CO_2 fire extinguisher adjacent on the charging area.

6)No ignition sources

No person carrying out work in relation to a refrigerating 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.

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

IMPORTANT SAFETY INSTRUCTIONS

7.Sealed electrical components shall be replaced.

8.Intrinsically safe components must be replaced.

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 the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.
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. Removal of refrigerant shall be according to Removal and evacuation.

11.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:
-Safely remove refrigerant following local and national regulations;
-Evacuate;
-Purge the circuit with inert gas (optional for A2L);
-Evacuate (optional for A2L);
-continuously flush or purge with inert gas when using flame to open circuit; and
-open the circuit.
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.
The outlet for the vacuum pump shall not be close to any potential ignition sources, and ventilation shall be available.

IMPORTANT SAFETY INSTRUCTIONS

12.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 in an appropriate position according to the instructions. 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 shall 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.

13.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, 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 refrigeration system unless it has been cleaned and checked.

14.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.

IMPORTANT SAFETY INSTRUCTIONS

15.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 labelled 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 the flammable refrigerant. If in doubt, the manufacturer should be consulted. 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.

The recovered refrigerant shall be processed according to local legislation 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 compressor body shall not be heated by an open flame or other ignition sources to accelerate this process. When oil is drained from a system, it shall be carried out safely.

INSTALLATION INSTRUCTIONS

BEFORE YOU BEGIN

Read these instructions completely and carefully.

IMPORTANT - Save these instructions for the local inspector's use.

IMPORTANT - Observe all governing codes and ordinances.

Note to Installer - Be sure to leave these instructions with the Consumer.

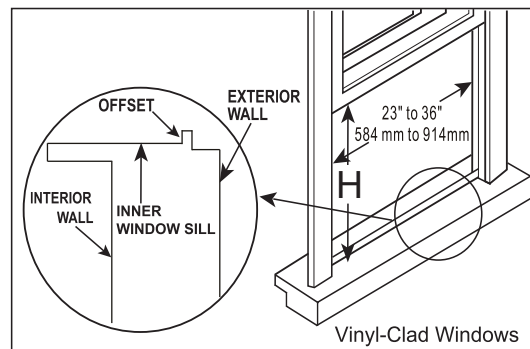**Note to Consumer** - Keep these instructions for future reference.

Skill level- Installation of this appliance requires basic mechanical skills.

Completion time - Approximately 1 hour. We recommend that two people install this product.

Proper installation is the responsibility of the installer.

Product failure due to improper installation is not covered under the Warranty.

You MUST use all supplied parts and use proper installation procedures as described in these instructions when installing this air conditioner.

⚠ WINDOW REQUIREMENTS

Your air conditioner is designed to install in standard double-hung windows with opening widths of 23 to 36 inches (584mm to 914mm).
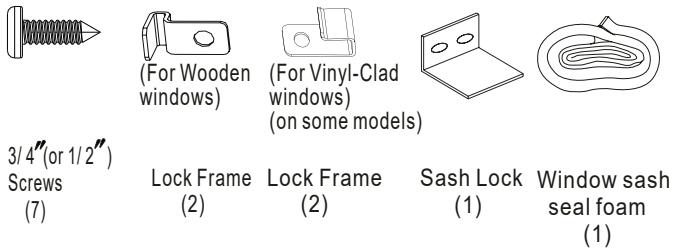

OFFSET
EXTERIOR WALL
INNER WINDOW SILL
INTERIOR WALL
23" to 36"
584 mm to 914mm
H

Wooden Windows

OFFSET
EXTERIOR WALL
INTERIOR WALL
INNER WINDOW SILL
23" to 36"
584 mm to 914mm
H

Vinyl-Clad Windows

Model	5000~6000Btu/h	6000~8000Btu/h	10000~12000Btu/h
H	13" (330mm)	14" (356mm)	15-1/2" (394mm)

Table 1

⚠ CAUTION

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

Do not change the plug on the power cord of the air conditioner.

Aluminum house wiring may present special problems - consult a qualified electrician.

When handling the unit, be careful to avoid cuts from sharp metal edges and aluminum fins on front and rear coils.

TOOLS YOU WILL NEED (NOT INCLUDED)
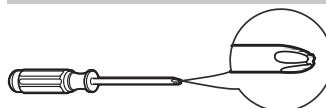
Phillips Screwdriver

Level

TOOLS YOU MAY USE (NOT INCLUDED)

Flat-head Screwdriver

Pencil
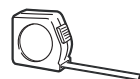
Ruler or tape measure

Scissors or knife

📌 NOTE:

Save Carton and these Installation Instructions for future reference. The carton is the best way to store a unit during winter, or when not in use.
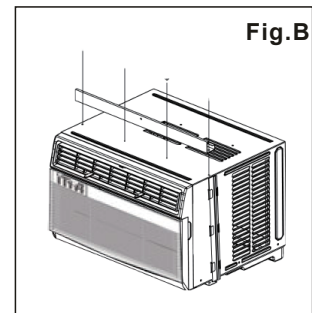
INSTALLATION INSTRUCTIONS

① PREPARE THE WINDOW

Lower sash must open sufficiently to allow a clear vertical opening of 14 inches (356mm).
Side louvers and the rear of the AC must have clear air space to allow enough airflow through the condenser for heat removal. The rear of the unit must be outdoors, not inside a building or garage.

Mounting Hardware

3/4″(or 1/2″) Screws (7)

(For Wooden windows)
Lock Frame (2)

(For Vinyl-Clad windows) (on some models)
Lock Frame (2)

Sash Lock (1)

Window sash seal foam (1)

② PREPARE AIR CONDITIONER

A: Remove the air conditioner from the carton and place on a flat surface.

B: Remove top rail and Weather stripping (only for Energy star models) from the packaging material as shown in Fig. A.

Top Rail Hardware

3/8″ Screws (4)

Top Rail (1)

Weather stripping (10″*3/4″*1/12″) (5)

Fig.A

Packaging

Top Rail

C: Align the hole in the top rail with those in the top of the unit as shown in Fig.B

Fig.B

D: Secure the top rail to the unit with the 3/8″ Screws as shown in Fig.C.

Fig.C
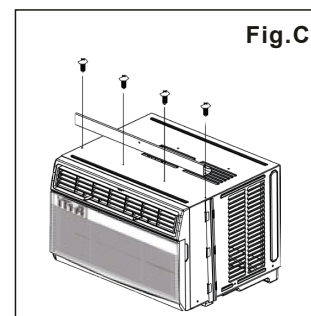
NOTE: For safety reasons, all four (4) screws MUST be securely fastened.
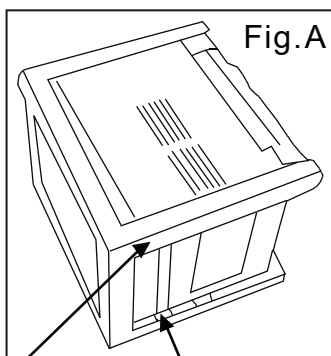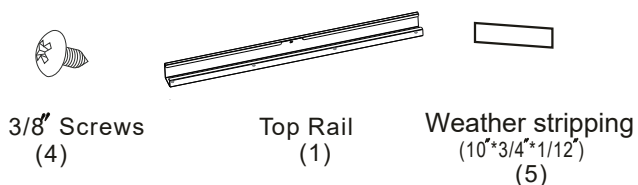
INSTALLATION INSTRUCTIONS

NOTE: Do not remove the Top Rail and Sliding Panel even you are not using them for any reason. They are set to make the unit tilted for proper condensed water collection and drainage.

1 Place the unit on a floor, a bench, or a table. Be sure that the left and right window filter panels are on the proper side. When installed, the flange for securing the panel in place to the window sill should be facing into the room.

Fig.1

A. Hold the Accordion Panel with one hand and gently pull back the center to free the open end. See Fig. 1.

Fig.2

B. Slide the open end panel directly into the side cabinet as shown in Fig. 2 & 3. Slide the panel down. Be sure to leave enough space to slip the top and bottom of the frame into the rails on the cabinet.

Fig.3

INSTALLATION INSTRUCTIONS

Fig.4

C. Once the panel has been installed on the side of the cabinet, make sure it sits securely inside the frame channel by making slight adjustments. Slide the top and bottom ends of the frame into the top and bottom rails of the cabinet (Fig. 4)

D. Slide the panel all the way in and repeat on the other side.

NOTE: In the case that the storm window blocks the AC unit, see Fig. 14.

Fig.5

2 Keep a firm grip on the air conditioner, carefully place the unit into the window opening so the bottom of the air conditioner frame is against the window sill (Fig. 5). Carefully close the window behind the top rail of the unit.

NOTE: Please make sure to keep a firm grip on the air conditioner until it is installed securely and completely.
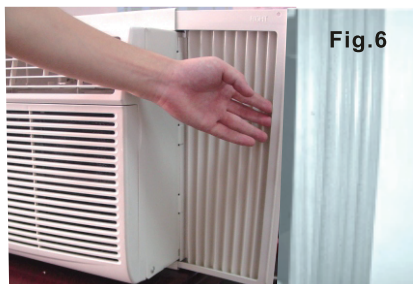
Fig.6

3 Extend the side panels out against the window frame (Fig. 6).

Fig.7

Fig.8

4 Place the frame lock between the frame extensions and the window sill as shown (Fig. 7). Drive 3 / 4" (19mm) or 1 / 2" (13mm) locking screws through the frame lock and into the sill (Fig. 8).
NOTE: To prevent window sill from splitting, drill 1 / 8" (3mm) pilot holes before driving screws.

INSTALLATION INSTRUCTIONS

Fig.9

Fig.10

Fig.11

Fig.12
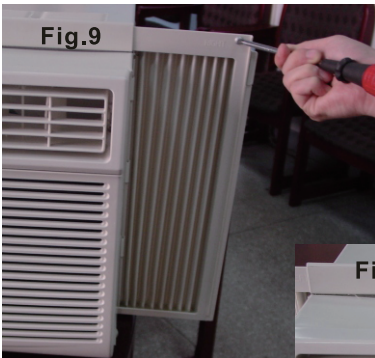
5 Drive 1 / 2" (13mm) locking screws through frame holes into window sash (Fig. 9 and 10).

6 To secure the lower sash in place, attach right angle sash lock with 3 / 4" (19mm) or 1 / 2" (13mm) screw as shown (Fig. 11).
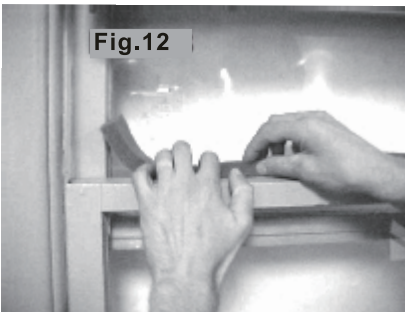
7 Cut foam seal and insert in the space between the upper and lower sashes (Fig.12).

8 INSTALL WEATHER STRIPPING (only be applicable to Energy star models)
In order to minimize air leaks between the room air conditioner and the window opening, trim the weather Stripping with a proper length, peel off the protective backing and plug any gaps if needed (Fig.13).
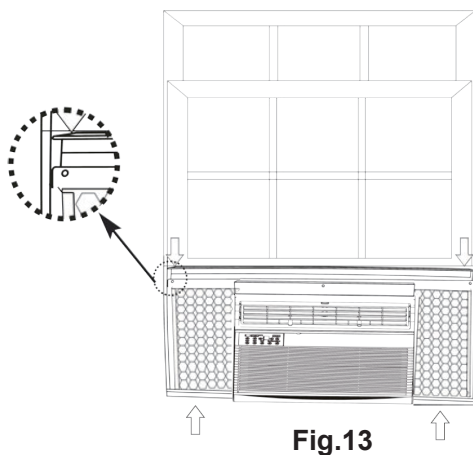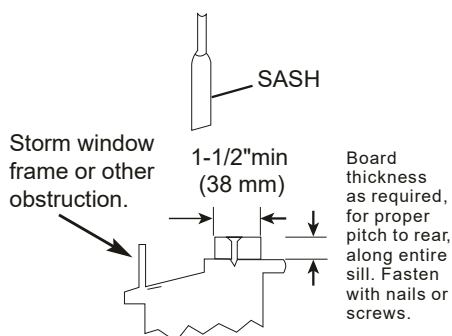
If AC is Blocked by Storm Window

Add wood as shown in Fig.14, or remove storm window before air conditioner is installed.

If Storm Window Frame must remain, be sure the drain holes or slots are not caulked or painted shut. Accumulated Rain Water or Condensation must be allowed to drain out.

Removing AC From Window

◆ Turn the AC off and disconnect the power cord.
◆ Remove sash seal from between windows, and unscrew safety lock.
◆ Remove screws installed through frame and frame lock.
◆ Close (slide) side panels into frame.
◆ Keeping a firm grip on the air conditioner, raise the sash and carefully rock the air conditioner backward to drain any condensate water in the base of the unit. Be careful not to spill any remaining water while lifting the unit from the window. Store parts WITH air conditioner.

NOTE: ◆ After installing, make sure the air conditioner is tilted 3~4 degree angle to the outside to allow water drainage and perfect cooling efficiency.

◆ Please make sure to always keep a firm grip on the air conditioner while tilting or removing the air conditioner from the window.
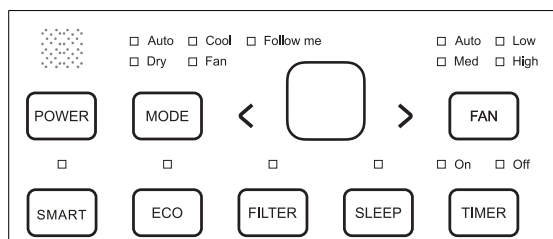

Fig.13

SASH

Storm window frame or other obstruction.

1-1/2"min (38 mm)

Board thickness as required, for proper pitch to rear, along entire sill. Fasten with nails or screws.

Fig.14

NORMAL SOUNDS

High Pitched Sound
High-efficiency compressors may have a high pitched sound during the cooling cycle.

Vibration
The unit may vibrate and make noise because of poor wall or window construction or incorrect installation.

Sound of Rushing Air
In front of the unit, you may hear the sound of rushing air being moved by the fan.

Gurgle/Hiss
Gurgling or hissing noises may be heard due to a refrigerant flowing through the evaporator during normal operation.

Pinging or Swishing
Droplets of water hitting the condenser during normal operation may cause pinging or swishing sounds.

📌 **NOTE:**

All the illustrations in this manual are for explanation purposes only. The air conditioner you have may be slightly different.

AIR CONDITIONER FEATURES

ELECTRONIC CONTROL OPERATING INSTRUCTIONS

Before you begin, familiarize yourself with the control panel on the unit shown below and refer to the symbols for the functions you desire. **The unit can be controlled by either the unit controls or with the remote control.**

□ Auto □ Cool □ Follow me   □ Auto □ Low
□ Dry   □ Fan   □ Med   □ High

| POWER | MODE | < | > | FAN |

□   □   □   □   □ On □ Off

| SMART | ECO | FILTER | SLEEP | TIMER |

TO TURN UNIT ON OR OFF:

Press [POWER] button to turn unit on or off.

NOTE: The unit will initiate the Energy Saver function automatically under Cool, Dry, and Auto modes.

SMART (WIRELESS or CONNECT) FEATURE:

Press and hold SMART button on your AC unit for more than 3 seconds until it displays the word "AP" to initiate connection mode. Please refer to your WIRELESS SETUP section for more details.

ECO (ENERGY SAVER FEATURE):

Press ECO button to initiate this function. This function is available on COOL, DRY, and AUTO (only AUTO-COOLING and AUTO-FAN) modes. The fan will continue to run for 3

minutes after the compressor shuts off. The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the compressor turns back on and cooling starts.

TO CHANGE TEMPERATURE SETTING:

Press UP/DOWN button to change temperature setting.

NOTE: Press or hold either UP or DOWN button until the desired temperature is shown on the display.

This temperature will be automatically maintained anywhere between 62°F (17°C) and 86°F (30°C).

If you want the display to read the actual room temperature, see " **To Operate on Fan Only** " section.

SLEEP FEATURE:

Press SLEEP button to initiate the sleep mode. In this mode, the selected temperature will increase by 2°F 30 minutes after the mode is selected.

The temperature will then increase by another 2°F after an additional 30 minutes.

This new temperature will be maintained for 7 hours before it returns to the originally selected temperature. This ends the Sleep mode and the unit will continue to operate as originally programmed. The Sleep mode program can be

AIR CONDITIONER FEATURES

cancelled at any time during operation by pressing the SLEEP button again.

TO ADJUST FAN SPEEDS:

Press FAN button to select the Fan Speed in four steps: Auto, Low, Med, or High. Each time the button is pressed, the fan speed mode is shifted. For some models, the fan speed cannot be adjusted.

CHECK FILTER FEATURE:

This feature serves as a reminder to clean the air filter for optimal performance. The "FILTER" light will illuminate once the unit has operated for 250 hours. After cleaning the filter, press the FILTER button to reset the timer, and the light will turn off.

TO SELECT THE OPERATING MODE:

To select mode, press the MODE button. Each time you press the button, the mode will change based on the sequence from AUTO, COOL, DRY, and FAN. The indicator light will show the mode selected.
When the unit is turned off and back on via the POWER button, the unit will automatically switch on the Energy Saver function for the following modes: COOL, DRY, and AUTO.

To operate on COOL mode:
• Choose COOL Mode to set the cooling function. Use the UP and DOWN buttons to choose the desired temperature. When COOL Mode is selected, the fan speed can be adjusted by pressing the fan button.

To operate on Auto feature:
• When you set the air conditioner to AUTO mode, it will automatically select cooling or fan only operation depending on the temperature selected and the current room temperature.

• The air conditioner will adjust the room temperature automatically based on the set target temperature.

• In this mode, the fan speed cannot be adjusted, as the fan speed is being controlled automatically.

To operate on Fan Only:
• Use this function only when cooling is not desired, such as for room air circulation or to exhaust stale air (on some models). (Remember to open the vent during this function, but keep it closed during cooling for maximum cooling efficiency.) You can choose any fan speed you prefer.

• During this function, the display will show the actual room temperature, not the set temperature as in the cooling mode.
• In Fan only mode, the temperature is not adjusted.

To operate on Dry mode:
• In this mode, the air conditioner will generally operate as a dehumidifier. In a closed or sealed space, some degree of cooling will continue.
On Dry mode, the fan speed is controlled at Low automatically.

TIMER: AUTO START/STOP FEATURE:

• Press Timer button, the TIMER ON or TIMER OFF indicator light illuminates. It indicates the Auto Start or Auto Stop program is initiated. For some models, keep pressing the Timer button will cancel the timer settings.
• Press or hold the UP or DOWN button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours.
• The selected time will register in 5 seconds, and the system will automatically revert back to display the previous temperature setting or room temperature when the unit is on. (when the unit is off, there is no display.)
• Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/Stop program.

FOLLOW ME FEATURE: (on some models)

Light illuminates

This feature can be activated from the remote control ONLY. The FOLLOW ME function enables the remote control to measure the temperature at its current location by measuring ambient temperature from the remote control (instead of from the unit itself).
To activate the FOLLOW ME feature, point the remote control towards the unit and press the FOLLOW ME button. The remote will display the actual temperature at its current location. The remote control will send this signal to the air conditioner every three minutes.
If the air conditioner doesn't get a signal from the remote for seven minutes, it will beep to let you know FOLLOW ME mode has ended. To end the FOLLOW ME mode manually, simply press the button again.

AIR CONDITIONER FEATURES

DISPLAYS:

Displays

DISPLAYS:

Shows the set temperature in " ^{O}C " or " ^{O}F " and the Auto-timer settings. While on Fan only mode, it shows the room temperature.

Error codes:

AS-Room temperature sensor error-Unplug the unit and plug it back in. If error repeats, visit the website for service.

NOTE: In Fan only mode, it will display "LO" or "HI".

● **-**Evaporator temperature sensor error-Unplug the unit and plug it back in. If error repeats, visit the website for service.

NOTE: " ● " is displayed as shown in the above picture.

HS -Electric heating sensor error-Unplug the unit and plug it back in. If error repeats, visit the website for service.

NOTE:

If the unit breaks off unexpectedly due to the power outage, it will restart with the previous function setting automatically when the power resumes.

Air Directional Louvers
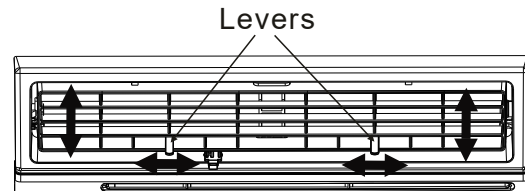
Levers

Air Direction

The louvers will allow you to direct the air flow Left or Right, or Up and Down (optional on some models) throughout the room as needed. Pivot the horizontal louvers until the desired Up/Down direction is obtained.
Move the Levers from side to side until the desired Left/Right direction is obtained.

ADDITIONAL THINGS YOU SHOULD KNOW

Now that you have mastered the operating procedure, here are more features in your control that you should become familiar with.

● The Cool circuit has an automatic 3 minutes time delayed start if the unit is turned off and on too abruptly. This prevents overheating of the compressor and possible circuit breaker tripping. The fan will continue to run during this time.

● The unit is capable of displaying the temperature in degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the UP and DOWN buttons at the same time for 3 seconds.

18

AIR CONDITIONER FEATURES

Fresh Air Vent Control (on 10000~12000Btu/h models):
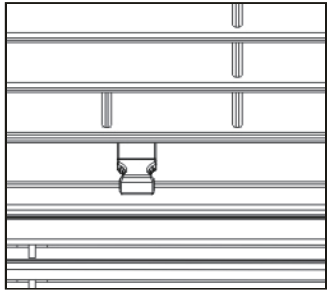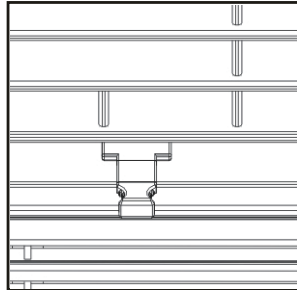
Fig. A (VENT CLOSED)   **Fig. B** (VENT OPEN)
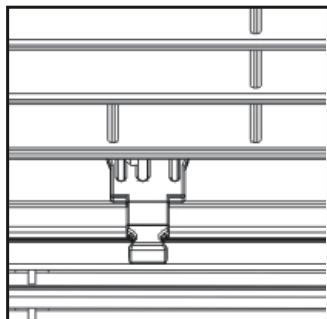
Fig. C (VENT & EXHAUST OPEN)

The Fresh Air Vent allows the air conditioner to:
1. Recirculate the air inside - Vent Closed (See Fig.A)
2. Draw fresh air into the room - Vent Open (see Fig.B)
3. Exchange air from the room and draw fresh air into the room - Vent and Exhaust Open (see Fig.C)

CARE AND CLEANING

⚠ CAUTION

Be sure to unplug the unit before cleaning to prevent shock or fire hazards.

Air Filter Cleaning
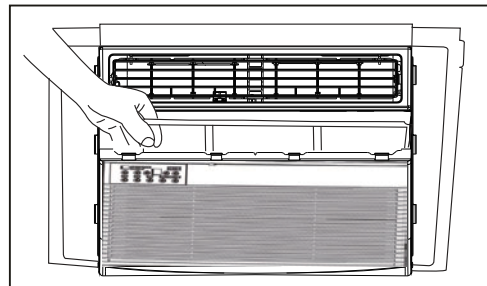
The air filter should be checked at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils.

CARE AND CLEANING

Air Filter Cleaning

- Push the vent handle to the Vent Closed position (where applicable). Open the front panel.
- Grasp the filter by the center and pull up and out.
- Wash the filter using liquid dishwashing detergent and warm water. Rinse filter thoroughly.
- Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing it back.
- You may also vacuum the filter clean rather than washing.

  Note: Never use hot water over 40°C (104°F) to clean the air filter. Never attempt to operate the unit without the air filter.

Cabinet Cleaning

- Be sure to unplug the air conditioner to prevent shock or fire hazard. The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe dry.
- Never use harsh cleaners, wax, or polish on the cabinet front.
- Be sure to wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the air conditioner.
- Plug in air conditioner.

Winter Storage

If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions. Cover it with plastic or return it to the original carton.

TROUBLESHOOTING TIPS

Review the troubleshooting tips on the following pages first—you may not need to visit the website for service. This list includes common problems that may not be the result of defective workmanship or materials in this appliance.

Problem	Solution
Air conditioner does not start	- The power cord may have been disconnected from the outlet. Push plug in firmly into the outlet.
	- The fuse or circuit breaker may have been tripped. In this case, replace fuse with a time delay type or reset circuit breaker.
	- The power button may be on OFF. Press the power button to turn ON.
	- The current detection device (on some models only) on the power cord may have been tripped. Press the RESET button on the current detection device plug.
Air from unit does not feel cool enough	- If the room temperature is below 62°F (17°C), cooling may not begin until the temperature is higher.
	- Temperature sensor element may be touching the cold coil, located behind the air filter. Straighten the tube away from the coil.
	- The temperature may need to be set lower for the air conditioner to activate.
	- The compressor may have been shut off by abrupt mode changes. Wait approximately 3 minutes and listen for the compressor to restart when set in COOL mode.
Air conditioner is cooling, but room is still warm and ice seems to be forming on the cooling coils behind the AC casing	- The outdoor temperature of below 62°F (17°C) may be affecting operation. To defrost the coil, set the unit to FAN ONLY mode.
	- The air filter may be dirty. Clean the filter as instructed on the "CARE AND CLEANING" section of this manual.
	- The temperature may be set too high. Set the temperature control to a lower setting.
	- Air directional louvers may be positioned improperly. Position louvers for better air distribution.
	- The front of the unit may be obstructed by curtains, blinds, or other foreign bodies, restricting the air distribution. Clear the area around the front of the AC unit.
	- Cold air may be escaping the room through open doors, windows, or openings. Close all open doors, windows, and other openings.
	- In a warm room, a just activated air conditioner may need time to remove the heat present in the room and distribute cool air.

TROUBLESHOOTING TIPS

Problem	Solution
Air conditioner turns on and off rapidly	- A dirty air filter may be obstructing the cool air. Clean the filter as instructed on the "CARE AND CLEANING" section of this manual.
	- In cases where the outside temperature may be extremely high, set the FAN speed to a higher setting to circulate the cool air better.
Noises coming from the unit when cooling	- This may be the operating sound of air movement and is normal. However, if the noise seems too loud, set the FAN to a lower speed setting.
	- The noise may be due to window vibration. This can happen when the air conditioner is installed incorrectly. Refer to the "INSTALLATION INSTRUCTIONS" section or check with the person who installed the unit initially.
Water dripping INDOORS when the unit is on COOL	- The air conditioner may have been improperly installed. Tilt the air conditioner slightly outward to allow water to drain out. Refer to the "INSTALLATION INSTRUCTIONS" section or check with the person who installed the unit initially.
Water dripping OUTSIDE when unit is cooling	- The unit may be accumulating a large quantity of moisture as it is dehumidifying a humid room. This is normal operation for excessively humid weather.
Remote control 'FOLLOW ME' mode deactivates prematurely (on some models only)	- Remote control may not be within the range of the unit. Be sure to have the remote control within a 26.24 foot radius in front of the unit.
	- The remote control signal may be obstructed. Remove any obstructions interfering with the signal.
Room is too cold	- The temperature setting may be too low. Increase the temperature to a more comfortable level.

REMOTE CONTROL SPECIFICATIONS AND INSTRUCTIONS

Model	RG51G(1)/CEFU1
Rated Voltage	3.0V (Dry batteries R03/LR03×2)
Signal Receiving Range	26.24 foot
Environment	23°F~140°F (-5°C~60°C)

Quick Start Guide

1 INSERT BATTERIES

2 SELECT MODE

3 SELECT TEMPERATURE

4 SELECT FAN SPEED

5 POINT REMOTE TOWARD UNIT

6 PRESS POWER BUTTON
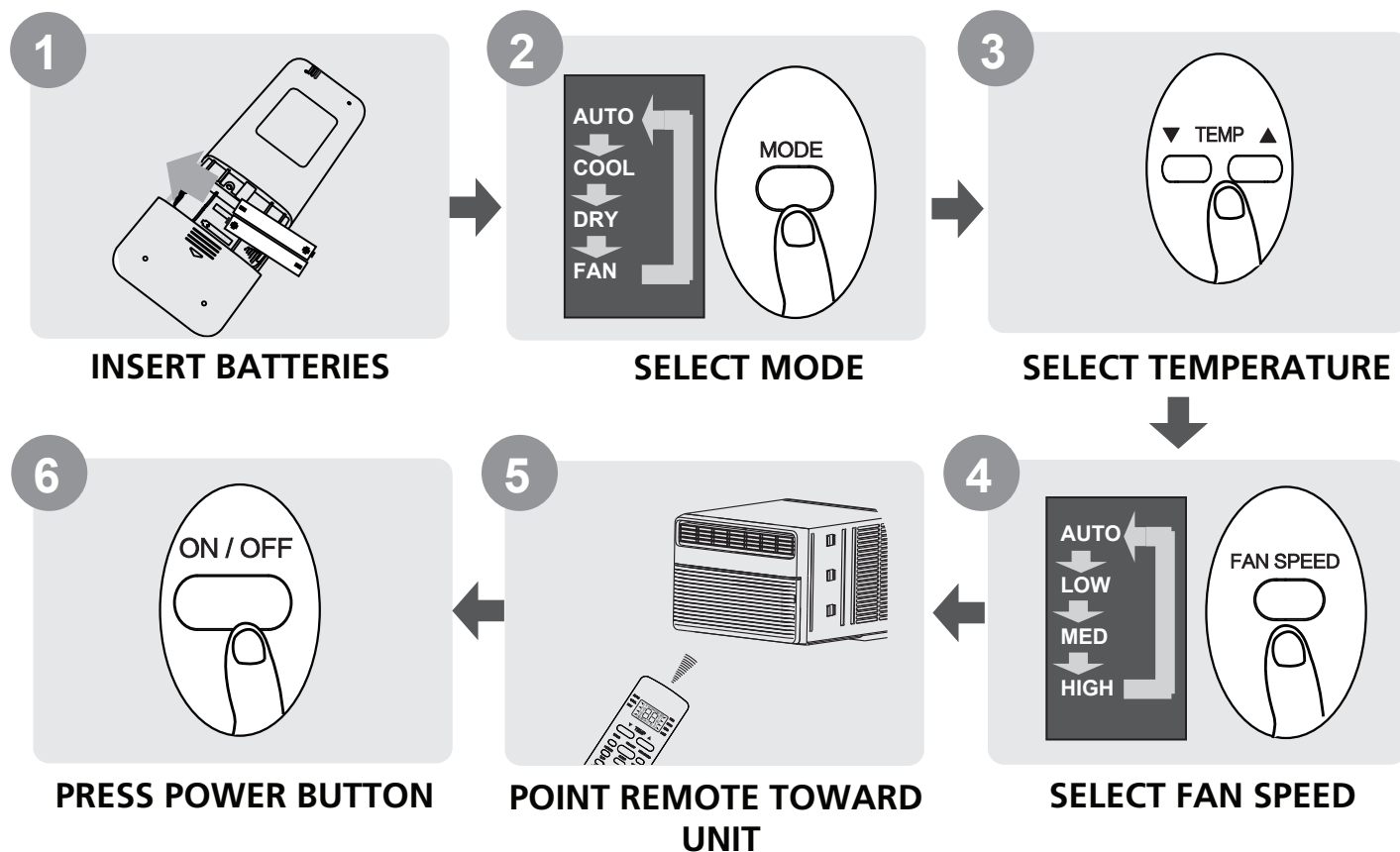
SPECIAL NOTE

- Button designs on your unit may differ slightly from the example shown.
- If the unit does not have a particular function, pressing that function's button on the remote control will have no effect.

REMOTE CONTROL SPECIFICATIONS AND INSTRUCTIONS

Inserting and Replacing Batteries

Your air conditioning unit may come with two batteries. Insert the batteries in the remote control before use.

1. Slide the back cover from the remote control downward, exposing the battery compartment.
2. Insert the batteries, paying attention to align align the (+) and (-) ends of the batteries with the symbols inside the battery compartment.
3. Slide the battery cover back into place.
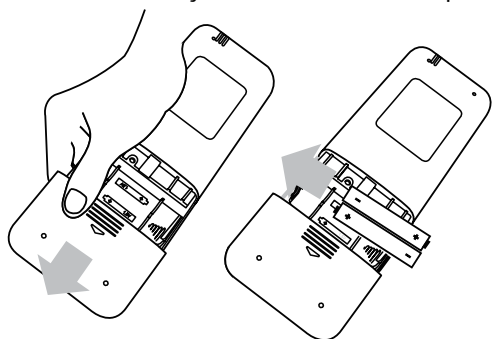
ⓘ BATTERY NOTES

For optimum product performance:
- Do not mix old and new batteries or batteries of different types.
- 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 26.24 foot 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.

NOTES FOR USING REMOTE CONTROL

The device could 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.

# REMOTE CONTROL SPECIFICATIONS AND INSTRUCTIONS

Before you begin using your new air conditioner, make sure to familiarize yourself with its remote control. The following is a brief introduction to the remote control itself. For instructions on how to operate your air conditioner, refer to the Basic operation section of this manual.

TEMP ▼
Decrease the temperature in 1°F increments. Min. temperature is 62°F

ON/OFF
Turns the unit on or off.

MODE
Scrolls through operation modes as follows:
AUTO → COOL → DRY → FAN

FOLLOW ME
Press this button to activate the FOLLOW ME mode.

SLEEP
Saves energy during sleeping hours.

°C/°F
Press this button to switch the temperature display from degrees Celsius (°C) to degrees Fahrenheit (°F)

TEMP ▲
Increase the temperature in 1°F increments. Max. temperature is 86°F

FAN SPEED
Selects fan speeds in the following order:
AUTO → LOW → MED → HIGH

TIMER ON
Sets timer to turn unit on (Refer to the Basic operation section for detailed instructions).

TIMER OFF
Sets timer to turn unit off (Refer to the Basic operation section for detailed instructions).

ENERGY SAVER
Press this button to activate the Energy saving mode. Press it again to stop the function.

LED DISPLAY
Turns the unit's LED display on and off.

LOCK

Press and hold the °C/°F & TIMER OFF buttons simultaneously for 5 seconds to lock or unlock the keypad on the remote control.

REMOTE CONTROL SPECIFICATIONS AND INSTRUCTIONS

Information is displayed when the remote control is powered on.

AUTO

COOL

DRY

SET TEMP.

FAN

HIGH

MED

LOW
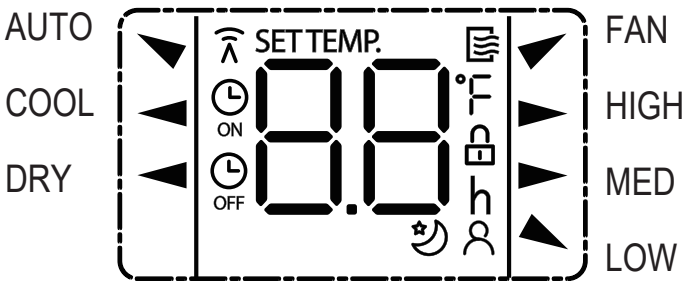
Mode display

AUTO ▼   COOL ◄   DRY ◄

▼ FAN

🖅	Displayed when data transmitted.
🖹	Displayed when remote control is ON.
🕐 ON	Displayed when TIMER ON is set
🕐 OFF	Displayed when TIMER OFF is set
SET TEMP. °F h	Displays the set temperature by default, or timer setting when using TIMER ON/OFF functions
🔒	Indicate the remote control is locked
👤	Displayed when FOLLOW ME function is activated (some units)
🌙	Displayed when SLEEP function is activated

Fan speed indication

►	HIGH	High speed
►	MED	Medium speed
▲	LOW	Low speed
	NO display	Auto fan speed

Note:
All indicators shown in the figure are for the purpose of clear presentation.
But during the actual operation, only the relative function signs are shown on the display window.

REMOTE CONTROL SPECIFICATIONS AND INSTRUCTIONS

Basic operation

ATTENTION!
Before the operation, please ensure the unit is plugged in and power is available.

COOL Mode
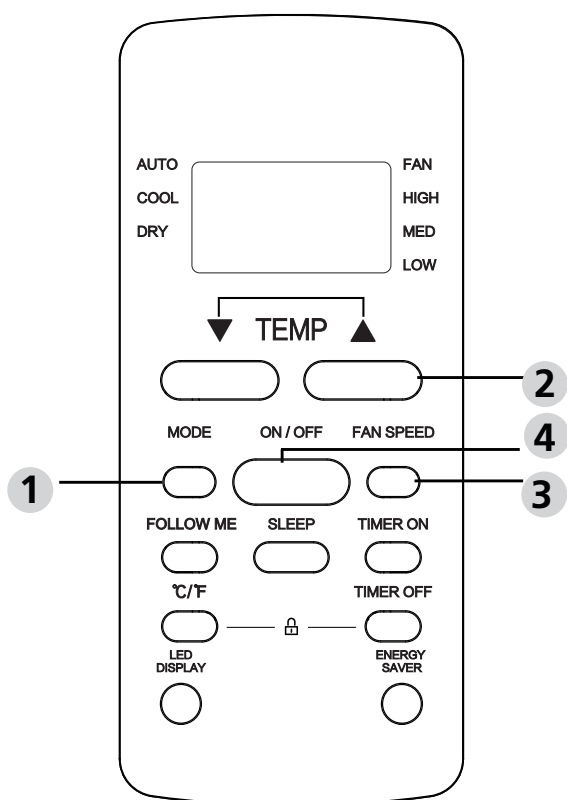
1. Press the MODE button to select **COOL** mode.
2. Set your desired temperature using the **TEMP ▲** or **TEMP ▼** button.
3. Press **FAN** button to select the fan speed: AUTO, LOW, MED, or HIGH.
4. Press the **ON/OFF** button to start the unit.

SETTING TEMPERATURE

The operating temperature range for units is 62-86°F (17-30°C). You can increase or decrease the set temperature 1 °F (1°C) increments.

AUTO Mode
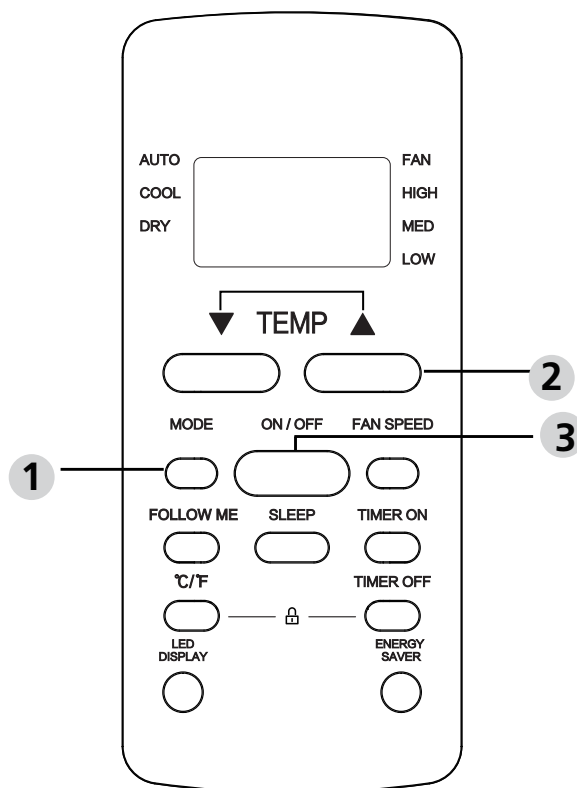
In AUTO mode, the unit will automatically select the COOL or FAN operation based on the set temperature.

1. Press the **MODE** button to select **AUTO**.
2. Set your desired temperature using the **TEMP ▲** or **TEMP ▼** button.
3. Press the **ON/OFF** button to start the unit.

NOTE: FAN SPEED can't be set in AUTO mode.

REMOTE CONTROL SPECIFICATIONS AND INSTRUCTIONS

FAN Mode
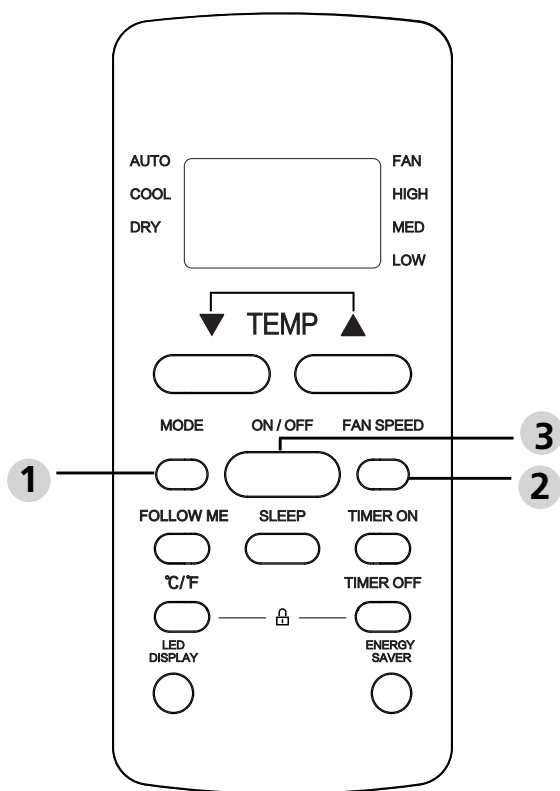
1. Press the **MODE** button to select **FAN** mode.
2. Press **FAN** button to select the fan speed: AUTO, LOW, MED, or HIGH.
3. Press the **ON/OFF** button to start the unit.

NOTE: You can't set temperature in FAN mode. As a result, your remote control's LCD screen will not display temperature.

DRY Mode (dehumidifying)
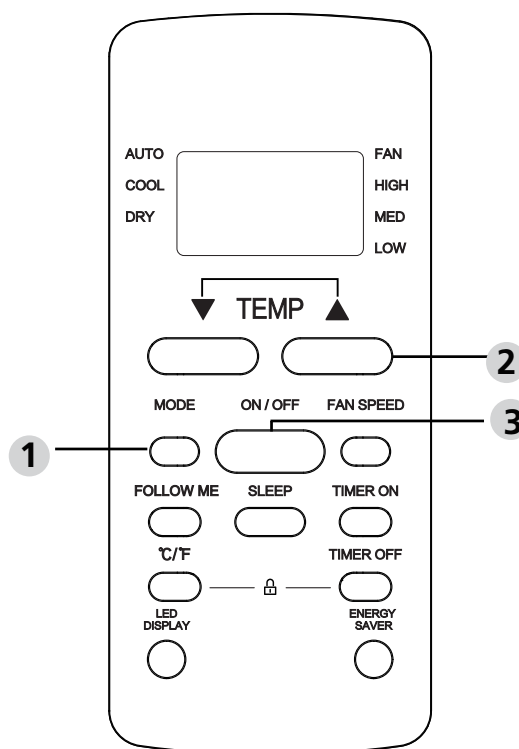
1. Press the **MODE** button to select **DRY**.
2. Set your desired temperature using the **TEMP ▲** or **TEMP ▼** button.
3. Press the **ON/OFF** button to start the unit.

NOTE: FAN SPEED cannot be changed in DRY mode.

REMOTE CONTROL SPECIFICATIONS AND INSTRUCTIONS

TIMER ON/OFF - Set the amount of time after which the unit will automatically turn on/off.

TIMER ON setting

Press TIMER ON button to initiate the ON time sequence.

Press the TEMP▲ or TEMP▼ button repeatedly to set the time when you want the unit to turn on.

Point the remote to the unit and wait 1 sec, then the TIMER ON function will be activated.
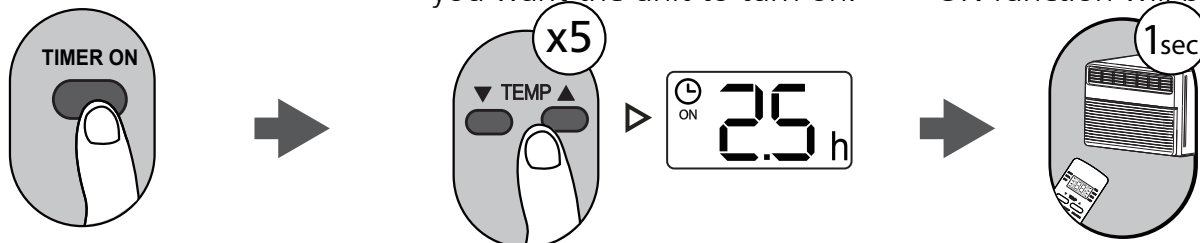
TIMER OFF setting

Press TIMER OFF button to initiate the OFF time sequence.

Press the TEMP▲ or TEMP▼ button repeatedly to set the time when you want the unit to turn off.

Point the remote to the unit and wait 1 sec, then the TIMER OFF function will be activated.
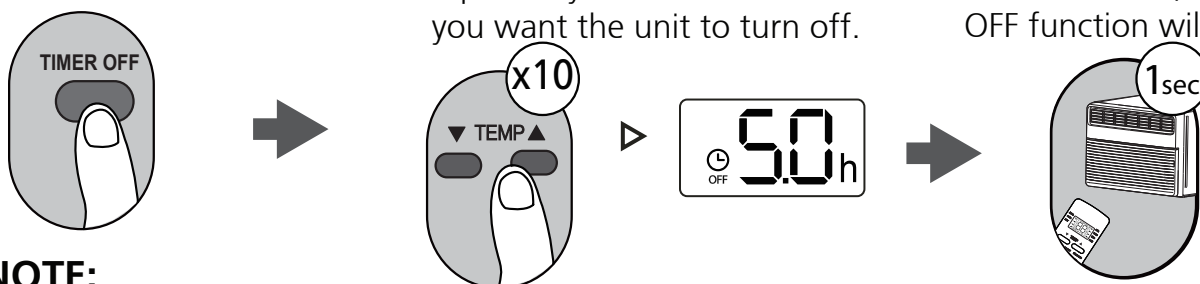
NOTE:

1. When setting the TIMER ON or TIMER OFF, the time will increase by 30 minutes increments with each press, up to 10 hours. After 10 hours and up to 24, it will increase in 1 hour increments. (For example, press 5 times to get 2.5h, and press 10 times to get 5h.) The timer will revert to 0.0 after 24.
2. Cancel either function by setting its timer to 0.0h.

TIMER ON & OFF setting (example)

Keep in mind that the time periods you set for both functions refer to hours after the current time.

Timer starts	Unit turns ON	Unit turns OFF

Current time 1PM 2:00PM 3:00PM 3:30PM 4PM 5PM 6PM

2.5 hours later

5 hours later
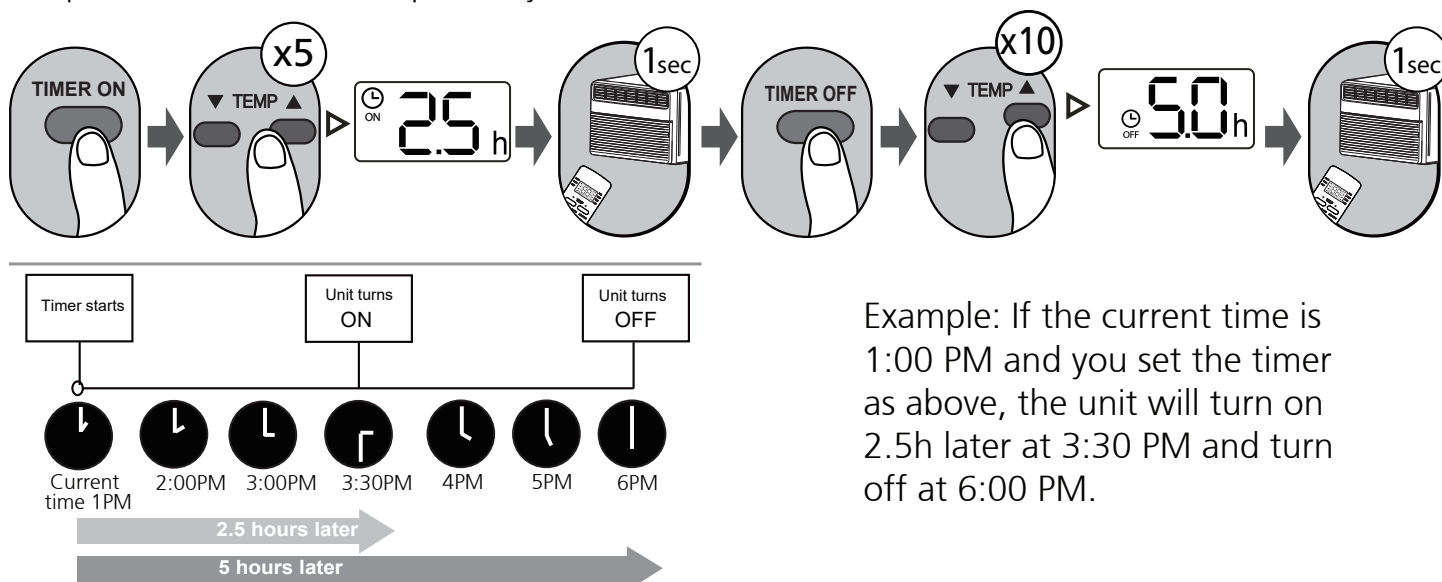
Example: If the current time is 1:00 PM and you set the timer as above, the unit will turn on 2.5h later at 3:30 PM and turn off at 6:00 PM.

REMOTE CONTROL SPECIFICATIONS AND INSTRUCTIONS

ENERGY SAVER function

Press ENERGY SAVER button to initiate this function.
In this mode, the fan will continue to run for 3 minutes after the compressor shuts off. The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the compressor turns back on and cooling starts.

SLEEP function

The SLEEP function can be used to conserve energy during sleeping hours.
The SLEEP function is not available in FAN or DRY mode. Please refer to the AIR CONDITIONER FEATURES section in this manual for more details.

FOLLOW ME function

Press FOLLOW ME button

To start the FOLLOW ME function, press the "FOLLOW ME" button on the remote control. This feature works only through the remote control, allowing the air conditioner to measure the temperature based on the remote controls location instead of the unit itself. For more information, please see the AIR CONDITIONER FEATURES section in this manual.

WIRELESS SETUP AND APP INSTRUCTIONS

1 SPECIFICATION

Unit model: OBZ-08CR3W
Frequency Band: 2400-2483.5MHz
Power Input: DC 5V/300mA
Maximum TX Power: <20dBm

NOTE:

The company is not responsible for any issues or problems that arise due to the internet, wireless routers, or smart devices. For assistance with these items, please contact the original provider directly.

2 DOWNLOAD AND INSTALL APP

CAUTION: The following QR code is only available for downloading APP. The following QR code is different from the QR code that you will find on the air conditioner unit. The QR code on the air conditioner is used only during the network configuration setup.

Android   **iOS**

- Android users: scan Android QR code or go to Google Play, search 'NetHome Plus' App and download it.
- iOS users: scan iOS QR code or go to App Store, search 'NetHome Plus' app and download it.

3 PREPARATION

Please make sure your mobile device is connected to your wireless router and confirm that the router has internet access before starting the registration and network configuration. Ensure your mobile device is connected to the wireless network you plan to use and remove any unnecessary wireless networks to avoid connection issues.

4 CREATE ACCOUNT

Reminder: When you register to use the app, you need to read and agree to the Privacy Policy and User Service Agreement.
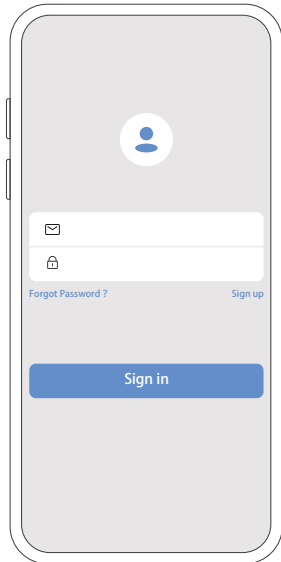
① Click "Sign up"
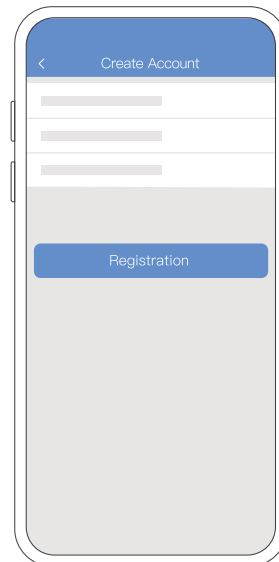
② Enter your email address and create a password. Then click "Registration".

NOTE: We recommend logging into your email and activating your registration by clicking the link provided. This will also allow you to reset your password in the future if necessary and sign in on the app using your account credentials.

5 NETWORK CONFIGURATION

Cautions

Please ensure that you forget any unnecessary networks and connect your Android or iOS device only to the wireless network you wish to configure. Verify that the wireless function of your Android or iOS device is working properly and that it can reconnect to your original wireless network automatically after the configuration.

WIRELESS SETUP AND APP INSTRUCTIONS

Kindly reminder:

- The user must complete all steps within 8 minutes of powering on the air conditioner. If this time limit is exceeded, the device must be powered off and turned on again.
- All illustrations in this manual are for explanation purposes only. The images and descriptions in the App may be slightly different. The images, descriptions and interface of the app are subject to change without prior notice for technology and software improvement. * The actual images and descriptions in the app shall prevail. *

■ Using Android or iOS device to configure the network

Please ensure that your mobile device is connected to the wireless network you wish to use.
- Turn on your AC unit and activate the AP mode (connection mode) by pressing and holding the "SMART' button on your AC unit for more than 3 seconds until the device displays the word "AP". When "AP" appears in the display, it means that the AC unit has entered into AP mode.

Note: There are two ways to connect your device to wireless:

- Connect your device using Bluetooth
- Manually connect your device

Connect your device using Bluetooth:

Note: Make sure the Bluetooth function on your mobile device is working.

| Welcome Home | | Select Appliance Type |
| Add Device | | Scan for nearby devices |
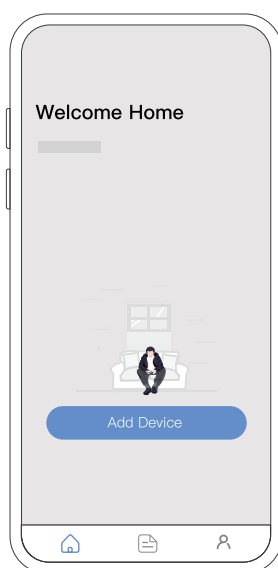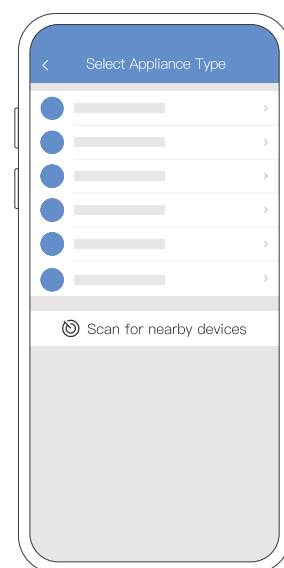
① Press "Add Device"   ② Press "Scan for nearby devices"
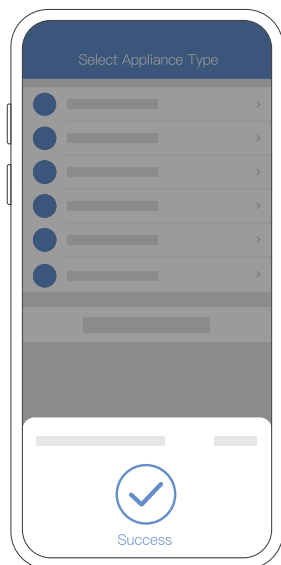
WIRELESS SETUP AND APP INSTRUCTIONS
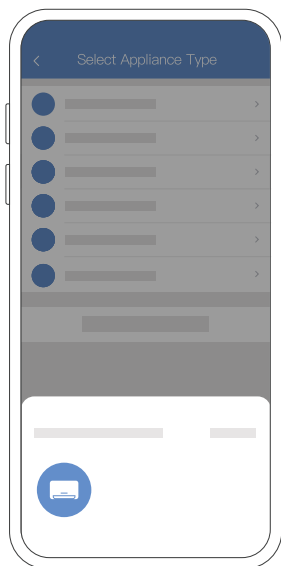
③ When your device appears, tap the icon to select the device. If multiple devices appear, you can identify your device by checking the last 4 digits under the icon match the last 4 digits on the QR code sticker on the unit.
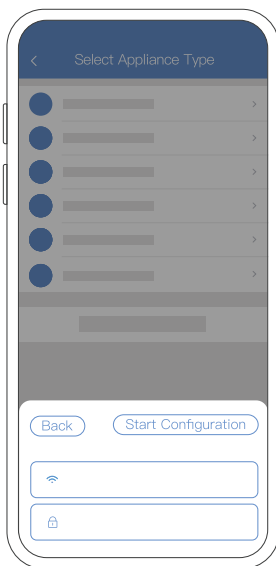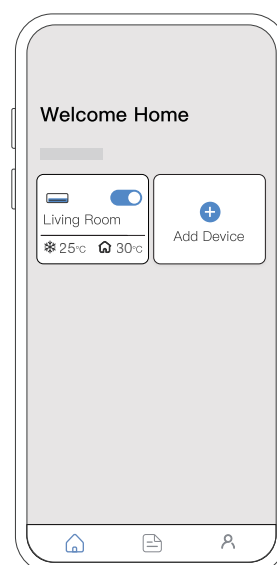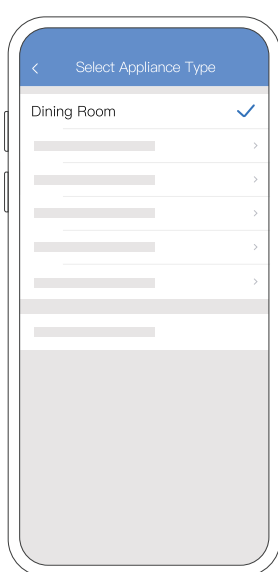
④ Select your desired wireless network and enter the password. When finished, press "Start Configuration".
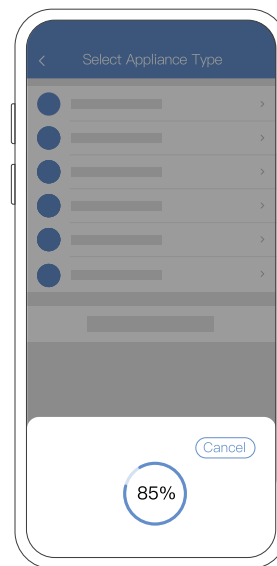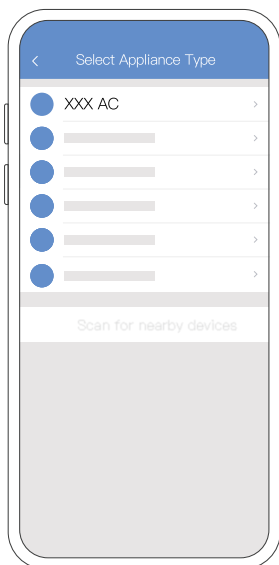
⑤ Wait for your device to connect to the network.

⑥ Once the device connects, you can edit the name or press OK to finish the connection process.

⑦ Now you can see your device in the list.

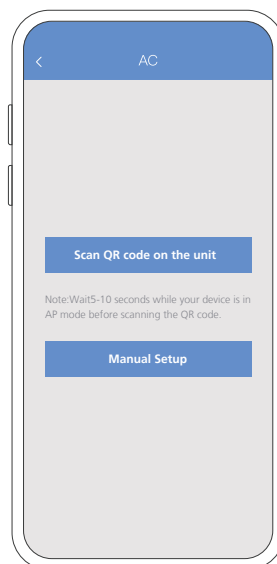# WIRELESS SETUP AND APP INSTRUCTIONS

Manually connect your device:

① If the Bluetooth network configuration is not successful, please select your device type.
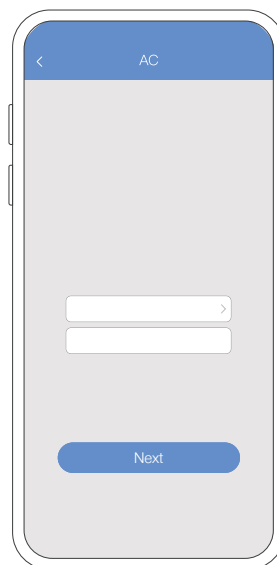
② Select your 2.4 GHz wireless network and type in your password. Then press "Next".
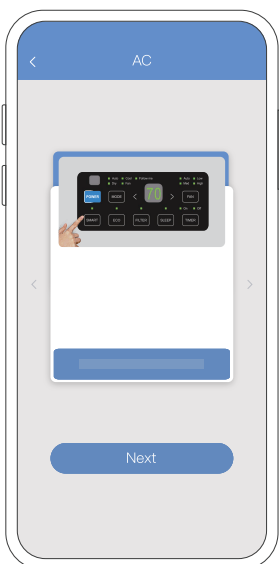
③ Press and hold the SMART button on your device for 3-5 seconds until the display shows "AP" to enter WIRELESS Connection mode.


④ For Android devices, you may choose to scan the QR code on the air conditioner for setup. If not using a QR code, select Manual Setup.

NOTE: Steps ④ and ⑤ are applicable to Android system only. iOS system does not need these two steps.
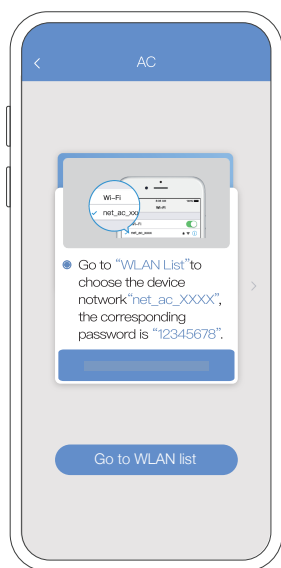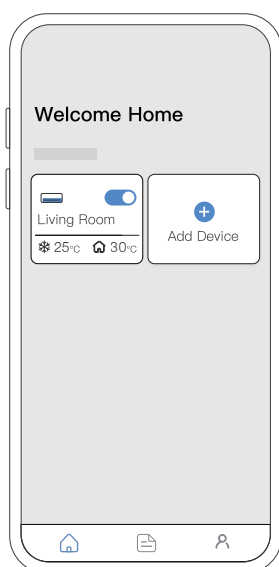
⑤ Go to your phone's wireless network settings, connect to the network named "net_ac_xxxx", (where each x is some number, 0-9 or letter, A-F) and use the password "12345678"
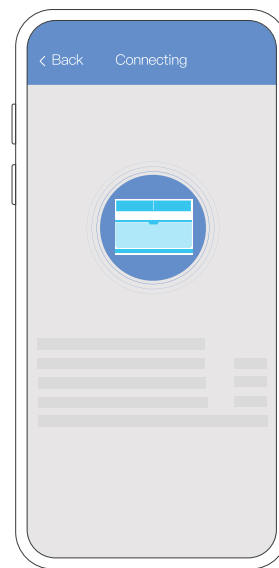
⑥ The app will show you the progress. If there is a failure, please check your network settings and unit and try again.

⑦ Name your device from the list. Now you can see your device in the list.

NOTE:

● When finishing network configuration, the app will indicate success by displaying a message.

● In unstable network connections, the products may still appear on the app as "offline". If this happens, wait for it to show up on the device list or turn the air conditioner's power off. After 30 seconds, turn the unit back on and wait a few minutes before checking again. If the unit is still offline, try the pairing process again.
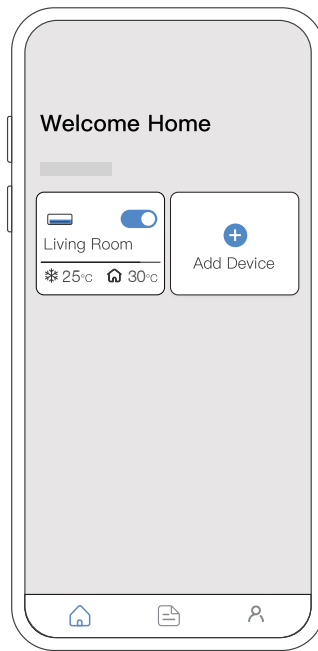
WIRELESS SETUP AND APP INSTRUCTIONS
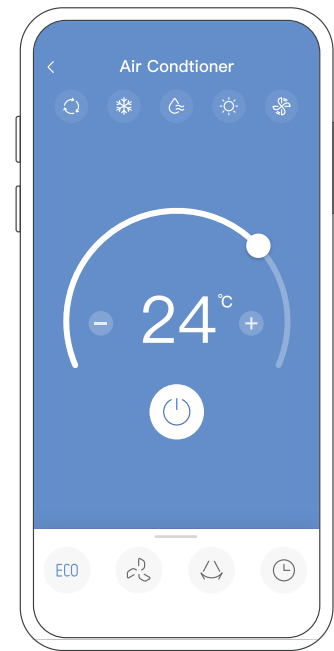
6 HOW TO USE APP

Please ensure both your mobile device and air conditioner unit are connected to the internet before using the app to control your air conditioner.
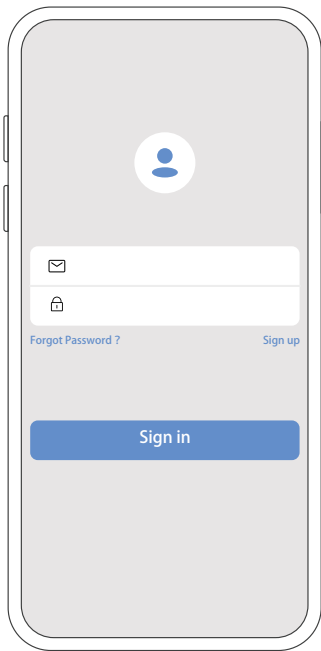
① Log in by clicking on "Sign in."

② Select your air conditioner unit.

③ The user can control air conditioner's on/off status, operation mode, temperature, fan speeds, and so on.

NOTE:

Not all functions of the app may be compatible with your AC model. Please refer to your product's user manual for additional details.

WIRELESS SETUP AND APP INSTRUCTIONS

7 SPECIAL FUNCTIONS

■ Schedule

This function allows you to manually set specific times for your device to turn on or off. You can also choose the days for the timer to apply, or schedule it to run every day or only on weekdays. (Available on certain models)
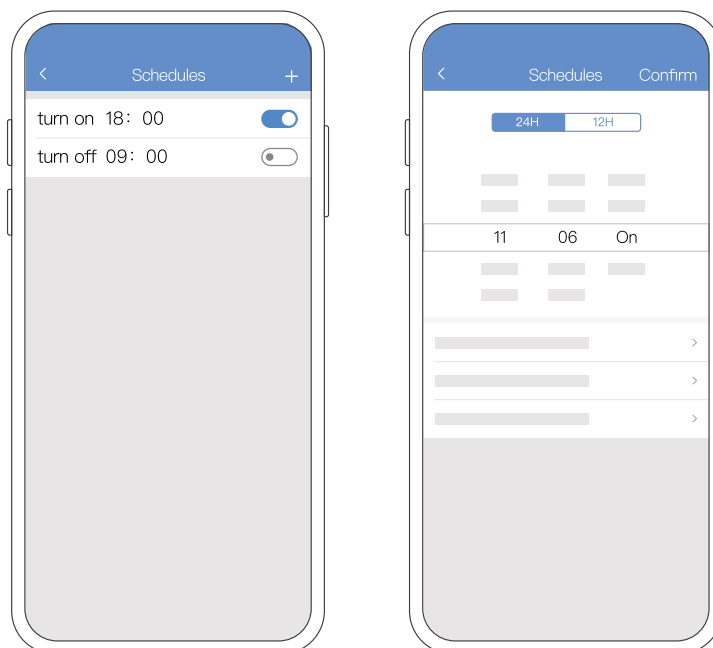
■ Sleep Curve

This function allows you to customize your air conditioners settings to match your sleep patterns, adjusting the temperature for each hour you are asleep. You can scroll to set temperature changes over a span of up to 8 hours. (Available on certain models)

WIRELESS SETUP AND APP INSTRUCTIONS

■ Check

This function allows the user to check the air conditioner's operating status. After completing the verification, the results will show the number of tested items, the normal items, and the reminder items. For more detailed information, including any operational issues, click on 'Detail'. (Available on certain models only)
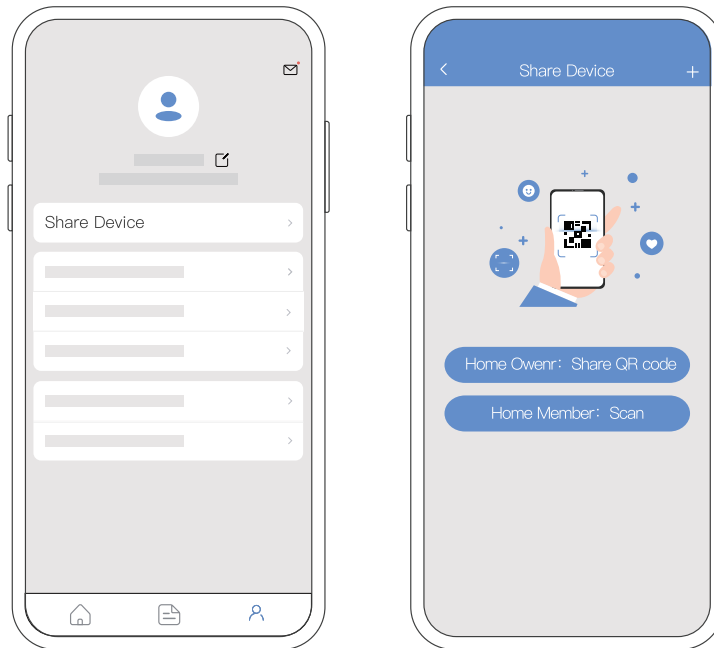

■ Share Device

Using this function, your air conditioner unit can be controlled by multiple-users at the same time.

① Click "Share Device"

② The app will display the QR code for other users to scan.

Share Device

Home Owenr：Share QR code

Home Member：Scan

③ Other users must first log in to the "NetHome Plus" app on their own mobile devices. Then, they can click on "Share Device" and scan the QR code to connect.

④ The other user can now add the shared device to their account and control the air conditioner unit.

8 APP DECLARATION

- **Applicable system: IOS, Android.**

① Please keep the app up to date.

② Due to the special situations that may occur, we clarify the following: not all Android and iOS systems are compatible with this app. We will not be responsible for any issues resulting from such incompatibility.

- **Wireless safety strategy**

  Smart kit only supports WPA-PSK/WPA2-PSK encryption and none encryption. WPA-PSK/WPA2-PSK encryption is recommended.

- **Cautions**

① Different network conditions can sometimes cause the control process to time out. When this happens, the display on the device and in the app may show different information. Please note this is normal, and there's no need for concern.

② Ensure the smartphone camera has a resolution of at least 5 megapixels to scan the QR code correctly.

③ Network conditions may occasionally cause request timeouts. If this happens, the network may need to be reconfigured.

④ The APP system is subject to update without prior notice for product function improvement. The actual network configuration process may be slightly different from the manual, the actual process shall prevail.

Hereby, we declare that this AC is in compliance with the essential requirements and other relevant provisions of RE Directive 2014/53/EU. A copy of the full DoC is attached.

NOTE:
- All illustrations in this manual are for explanation purposes only and may differ slightly from your unit. The actual product and shape shall prevail.
- The images and descriptions within the app may also differ. Please note that the actual images and descriptions in the app shall prevail. Additionally, the images, descriptions, and app interface are subject to change without prior notice due to technological and software improvements. The actual images and descriptions in the app shall prevail.

WIRELESS SETUP AND APP INSTRUCTIONS

- **Declaration of conformity**

CONTAINS FCC ID: 2ADQOMDNA21
CONTAINS IC: 12575A-MDNA21

This device complies with Part 15 of the FCC Rules and it contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Only operate the device in accordance with the instructions supplied. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation.

NOTE: 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 receiveris connected.
-- Consult the dealer or an experienced radio/TV technician for help.

The company is not responsible for any issues or problems that arise due to the internet, wireless routers, or smart devices. For assistance with these items, please contact the original provider directly.

Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information

Unique Identifier: RG51G5(1)/CEU1

Responsible Party U.S. Contact Information

Brand: OCEAN BREEZE
Company Name: JC Global Inc.
Address: 1 Bridge Plaza North - Suite 675 Fort Lee, NJ 07024
Zip Code: 07024
Phone#: 866-277-7878

FCC Compliance Statement (products subject to Part 15)

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.

The design and specifications are subject to change without prior notice for product improvement.