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8000 BTU SMART WINDOW AIR CONDITIONER
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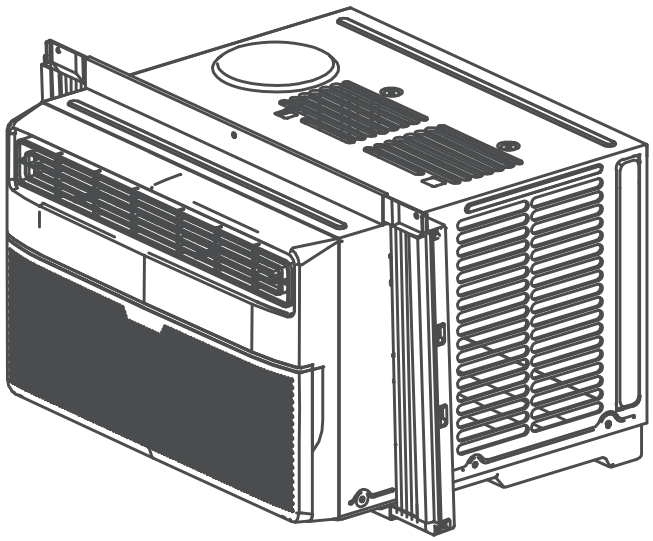


Owner's Manual

Please Read and Save These Instructions

1 YEAR WARRANTY

This OMNI Max™ product carries a one (1) year LIMITED warranty against defects in workmanship and materials.

CONTENTS

Read This Manual

Inside you will find many helpful hints 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 chart of troubleshooting tips. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.

⚠ CAUTION

- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- If the power cord is to be replaced, replacement work shall be performed by authorized personnel only.
- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.

SAFETY PRECAUTIONS

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The seriousness is classified by the following indications.

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

■ Meanings of symbols used in this manual are as shown below.

⃠	**Never do this.**
❗	**Always do this.**

⚠ WARNING

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

⃠ Do not operate or stop the unit by inserting or pulling out the power plug.
- It may cause electric shock or fire due to heat generation.

⃠ Do not damage or use an unspecified power cord.
- It may cause electric shock or fire.
- If the power cord is damaged, it must be replaced by the manufacturer or an authorized service centre or a similarly qualified person in order to avoid a hazard.

ⓘ Do not modify power cord length or share the outlet with other appliances.
- It may cause electric shock or fire due to heat generation.

⃠ Do not operate with wet hands or in damp environment.
- It may cause electric shock.

⃠ Do not direct airflow at room occupants only.
- This could damage your health.

ⓘ Always ensure effective grounding
- Incorrect grounding may cause electric shock.

⃠ Do not allow water to run into electric parts.
- It may cause failure of machine or electric shock.

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

ⓘ Unplug the unit if strange sounds, smell, or smoke comes from it.
- A damaged appliance may cause fire and electric shock.

⃠ Do not use the socket if it is loose or damaged.
- It may cause fire and electric shock.

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

ⓘ Keep firearms away.
- It may cause fire.

⃠ Do not place the power cord close to heating appliances.
- It may cause fire and electric shock.

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

ⓘ Ventilate room before operating air conditioner if there is a gas leakage from another appliance.
- It may cause explosion, fire and burns.

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

SAFETY PRECAUTIONS

⚠ CAUTION

⊘ When the air filter is to be removed, do not touch the metal parts of the unit.

- It may cause an injury.

⊘ Do not clean the air conditioner with water.

- Water may enter the unit and degrade the insulation. It may cause an electric shock.

ⓘ Ventilate the room well when used together with a stove, etc.

- An oxygen shortage may occur.

ⓘ When the unit is to be cleaned, switch off, and turn off the circuit breaker.

- Do not clean unit when power is on as it may cause fire and electric shock, it may cause an injury.

⊘ Do not put a pet or house plant where it will be exposed to direct air flow.

- This could injure the pet or plant.

⊘ Do not use for any other purpose than air cooling.

- Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.

ⓘ Stop operation and close the window in storm or hurricane.

- Operation with windows opened may cause wetting of indoor and soaking of household furniture.

ⓘ Hold the plug by the head of the power plug when taking it out.

- It may cause electric shock and damage.

ⓘ Turn off the main power switch when not using the unit for a long time.

- It may cause failure of product or fire.

⊘ Do not place obstacles around air-inlets or inside of air-outlet.

- It may cause failure of appliance or accident.

ⓘ Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure.

- If bracket is damaged, there is concern of damage due to falling of unit.

ⓘ Always insert the filters securely. Clean filter once every two weeks.

- Operation without filters may cause failure.

⊘ Do not use strong detergent such as wax or thinner but use a soft cloth.

- Appearance may be deteriorated due to change of product color or scratching of its surface.

⊘ Do not place heavy object on the power cord and ensure that the cord is not compressed.

- There is danger of fire or electric shock.

ⓘ Do not drink water drained from air conditioner.

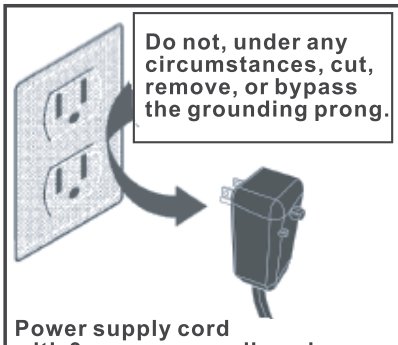
- It contains contaminants and could make you sick.

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

ⓘ If water enters the unit, turn the unit off at the power outlet and switch off the circuit breaker. Isolate supply by taking the power-plug out and contact a qualified service technician.

SAFETY PRECAUTIONS

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, it cannot be repaired-it must be replaced with a cord from the Product Manufacturer.



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.
- 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.

⚠ WARNING **Electrical Information**

- 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.
- 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 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.**

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 it also indicated by a light on the plug head.)

NOTES:

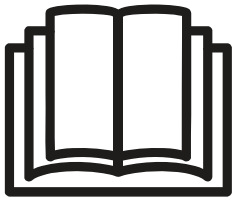
- Do not use this device to turn the unit on or off.
- Always make sure the RESET button is pushed in for correct operation.
- The power supply must be replaced if it fails reset when either the TEST button is pushed, or it cannot be reset. Please contact Customer Service.
- If power supply cord is damaged, it cannot be repaired. It MUST be replaced with a new cord - please contact Customer Service.

SAFETY PRECAUTIONS

WARNING: (for using R290/R32 refrigerant only)
-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) and ignition sourcesor (for example:an operating electric heater) close to the appliance. 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 odour.
-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.
-A warning that 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 authorises their competence to handle refrigerants safely in accordance with an industry recognised assessment specification.
-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 air conditioner to avoid any damage or hazard. Flammable Refrigerant R32 is used within air conditioner. When maintaining or disposing the air conditioner, the refrigerant (R32 or R290) shall be recovered properly, shall not discharge to air directly.
-No any open fire or device like switch which may generate spark/arcing shall be around air conditioner to avoid causing ignition of the flammable refrigerant used. Please follow the instruction carefully to store or maintain the air conditioner to prevent mechanical damage from occurring.
-Flammable refrigerant -R32 is used in air conditioner. Please follow the instruction carefully to avoid any hazard.

AVERTISSEMENT
Ne pas utiliser de produits permettant d'accélérer le dégel ou de produits de nettoyage autres que ceux recommandés par le fabricant.
L'appareil doit être entreposé dans un endroit sans source d allumage fonctionnant en continu (par exemple : flamme nue, appareil au gaz en marche ou radiateur électrique en marche).
Ne pas percer ni brûler.
Attention : les frigorigènes peuvent être inodores.

Caution: Risk of fire/
flammable materials
(Required for R32/R290 units only)



IMPORTANT NOTE:Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

SAFETY PRECAUTIONS

Explanation of symbols displayed on the unit(For the unit adopts R32/R290 Refrigerant only):

	WARNING	This symbol shows that this appliance used 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 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.

⚠WARNINGS (for using R290/R32 refrigerant only)

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 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
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 minimised. 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 minimise the risk of a flammable gas or vapour 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.
4)Checking for presence of refrigerant
The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially 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 to hand. Have a dry powder or CO2 fire extinguisher adjacent to the charging area.
6)No ignition sources
No person carrying out work in relation to a 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.

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 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.

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.

7.Repairs to sealed components

1)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 isabsolutely 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.

2)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. Repair to intrinsically safe components

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use. Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating. Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

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.

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 shut off valves) in a part of the system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

12. Removal and evacuation

When breaking into the refrigerant circuit to make repairs or for any other purpose conventional procedures shall be used. However, it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to:
Remove refrigerant;
Purge the circuit with inert gas;
Evacuate;
Purge again with inert gas;
Open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be flushed with OFN to render the unit safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task.
Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. This operation is absolutely vital if brazing operations on the pipe-work are to take place.
Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation 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 minimise the amount of refrigerant contained in them.
Cylinders shall be kept upright.
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.

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, 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 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 flammable refrigerants. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.
The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders. If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.

OPERATING INSTRUCTIONS

Normal Sounds

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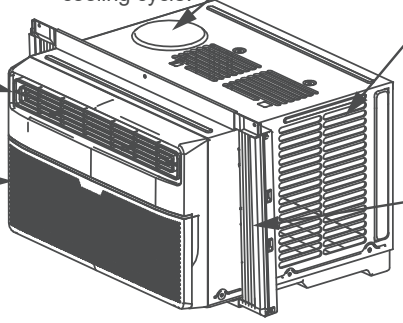


Sound of Rushing Air

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

High Pitched Sound

High efficiency compressors may have a high pitched sound during cooling cycle.

Trickling Sound

Droplets of water hitting condenser during normal operation may cause a trickling sound.

Gurgle/Hiss

Gurgling or hissing noises may be heard due to refrigerant flowing through evaporator during normal operation.

Vibration

Unit may vibrate and make noise because of poor wall or window construction or incorrect installation.

NOTE: All the pictures in this manual are for explanation purposes only. The actual shape of the air conditioner you purchased may be slightly different, but its operations and functions are similar.

Air Conditioner Operation

⚠ WARNING To reduce the risk of fire, electric shock, or injury to persons, read the SAFETY PRECAUTIONS before operating this appliance.

NOTE: The Cool circuit has an automatic 3 minute time delayed start if the unit is turned off and on quickly. This prevents overheating of the compressor and possible circuit breaker tripping.

To begin operating the air conditioner, follow these steps:

1. Set the thermostat to the highest number (coldest setting).
2. Set the selector control to the highest COOL setting.
3. Adjust the louver for comfortable air flow (see Air Directional Louvers).
4. Once the room has cooled, adjust the thermostat to the setting you find most comfortable.
5. Make sure that the air flow inside and outside are not obstructed by anything.
6. This air conditioner is designed to be operated under conditions as follows:

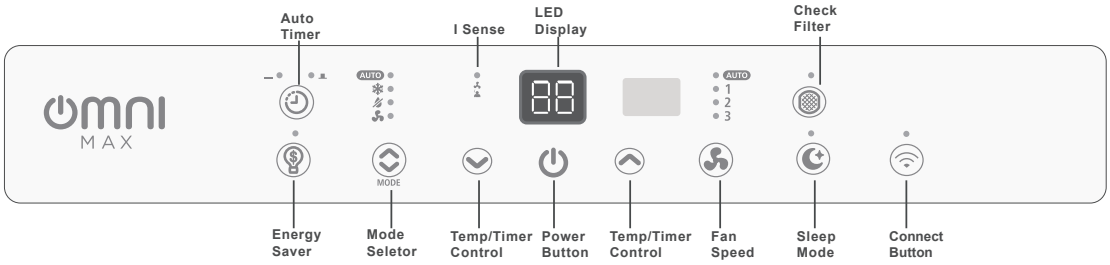
Cooling Operation	Outdoor temp.: 18-43°C (64°F~109°F)
	Indoor temp.: 17-32°C (62°F~ 90°F)
	Note: The relative humidity of room should be less than 80%. If the unit is used in a condition with a relative humidity over 80%, there will be condensed water on the surface of the unit.

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

OPERATING INSTRUCTIONS

Before you begin, thoroughly familiarize yourself with the control panel as shown below and all its functions, then follow the symbol for the functions you desire. The unit can be controlled by the unit control alone or with the remote controller.

Key Pad Features



: (ON/OFF) button

Press Power button to turn unit on or off. The unit will initiate automatically the Energy saver function under Cool, Dry, Auto(only Auto-Cooling and Auto-Fan) modes.

NOTE:
If the unit breaks off unexpectedly due to a power cut, it will restart with its previously set functions when the power resumes.

: (UP/DOWN) button

Press or hold either Left(﹀) or Right (﹀) button until the desired temperature is seen on the display.

This temperature will be automatically maintained at the set temperature, 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.

: (MODE button)

- To choose the operating mode, press the Mode button. Each time you press the button, a mode is selected in a sequence that goes from Auto, Cool ❄ , Dry and Fan . The indicator light beside will be illuminated and remain on once the mode is selected.
- The unit will initiate automatically the Energy saver function under Cool, Dry, Auto(only Auto-Cooling and Auto-Fan) modes.

To operate on Auto feature:

- When you set the air conditioner in AUTO mode, it will automatically select cooling, heating(selected models only) or fan only operation depending on what temperature you have selected and the room temperature.
- The air conditioner will control room temperature automatically round the temperature point set by you.
- In this mode, the fan speed cannot be adjusted, it starts automatically at a speed according to the room temperature.

Key Pad Features

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 cannot be adjusted.

To operate on Dry mode:

- In this mode, the air conditioner will operate in the form of a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will continue.

: I Sense

This feature can be activated from the remote control ONLY. The remote control serves as a remote thermostat allowing for the precise temperature control at its location.
To activate the I Sense feature, point the remote control towards the unit and press the I Sense button. If the unit does not receive the I Sense signal during any 7 minutes interval, the unit will beep to indicate the I Sense mode has ended.

: (CONNECT button)

Press the CONNECT button for 3 seconds to turn off the unit and initiate Connect mode.To use the Connect feature for the first time,press the connect button for 3 seconds to turn off the unit and initiate the connectmode.The display will flash AP every 3 seconds to indicate it is ready to connect to smart.If the connection is successful within 8minutes the unit will exit connect mode automatically and the connect indicatorilluminates. If connection fails within 8 minutes, the unit exits connect mode automatically.

Notice:
During the network configuration process,do not try using the remote control or the controls on the front panel of the airconditioner, as they will be inoperative.You may use the remote control and front panel buttons again after the network configuration process is complete (usually8 10 minutes)

: (FAN SPEED button)

Used to select the Fan Speed in four steps-Auto, Low 1 , Med 2 or High 3 . Each time the button is pressed, the fan speed mode is shifted. On Dry mode, the fan is controlled at low speed automatically.

: (ENERGY SAVER button)

This function is available on COOL, DRY, AUTO(only AUTO-COOL 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.

: (SLEEP button)

In this mode the selected temperature will increase by 2°F/1°C 30 minutes after the mode is selected. The temperature will then increase by another 2°F/1°C after an additional 30 minutes. This new temperature will be maintained for 6 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 cancelled at any time during operation by again pressing the Sleep button.

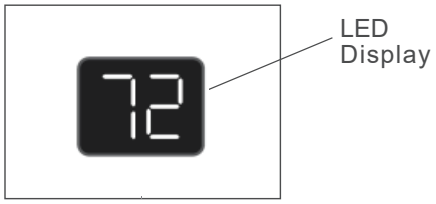
: (TIMER button)

- When the unit is on or off, first press the Timer button, the TIMER ON indicator light — illuminates. It indicates the Auto Start program is initiated.
- When the time of TIMER ON is displayed, press the Timer button again, the TIMER OFF indicator light illuminats. It indicates the Auto Stop program is initiated.
- Press or hold the Left arrow or Right arrow to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.
- 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 timed program.

: CHECK FILTER button

This feature is a reminder to clean the Air Filter for more efficient operation. The LED(light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the Check Filter button and the light will go off.

OPERATING INSTRUCTIONS



LED display:
Shows the set temperature in " °C" or " °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, call 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, call for service.
  NOTE: "• "is displayed as shown in the left picture

ES -Evaporator temperature sensor error - Unplug the unit and plug it back in. If error repeats, call for service.

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 minute time delayed start if the unit is turned off and on quickly. This prevents overheating of the compressor and possible circuit breaker tripping. The fan will continue to run during this time.
- The control will maintain any set temperature within 1°F/1℃, between 62℉(17℃) and 86℉(30℃).
- The control can display temperature in Fahrenheit or Celsius. To convert from one to the other, press and hold the Left and Right Temp/Timer buttons at the same time, for 3 seconds.

Fresh Air Vent Control (on 10K model):

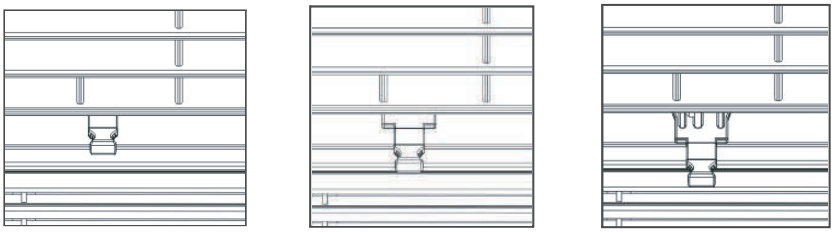
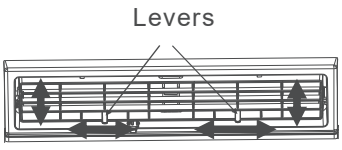


Fig. A (VENT CLOSED) **Fig. B** (VENT OPEN) **Fig. C** (VENT & EXHAUST OPEN)

The Fresh Air Vent allows the air conditioner to:

1. Recirculate inside air - Vent Closed (See Fig.A)
2. Draw fresh air into the room- Vent Open (see Fig.B)
3. Exchange air from the room and draws fresh air into the room - Vent and Exhaust Open (see Fig.C)

Air Directional Louvers

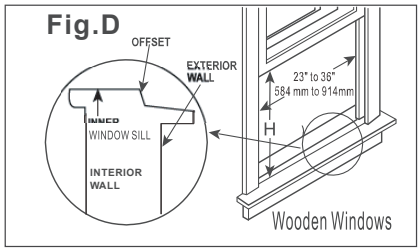


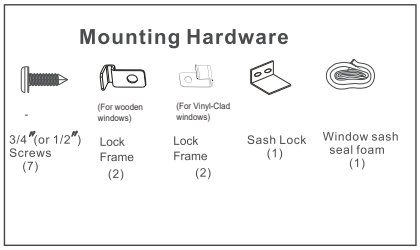
The louvers will allow you to direct the air flow Up or Down(on some models) and Left or Right throughout the room as needed. Pivot horizontal louvers until the desired Up/Down direction is obtained.

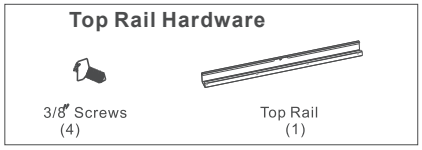
Move the Lever(s) from side to side until the desired Left/ Right direction is obtained.

INSTALLATION INSTRUCTIONS

Your air conditioner is designed to be installed in standard double hung windows with opening widths of 23 to 36 inches(584mm to 914mm) (See Fig. D).







Lower sash must open sufficiently to allow a clear vertical opening of following size(see Table 1). 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.

Table 1

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

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

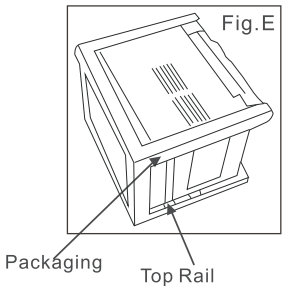
TOOLS NEEDED:
Phillips screwdriver
Drill(If pilot holes are needed)

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

NOTE: The top rail hardware and the following Fig.E, Fig.F and Fig.G are not applicable for units **over 10,000 BTU/hr.**

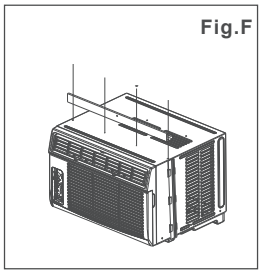
Before installing unit, the top rail must be assembled on the unit for models with a power of less than 10,000 BTU.

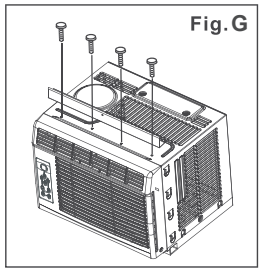
Tool Needed: Phillips Screwdriver



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

B: Remove top rail from the side of the packaging material as shown in Fig.E





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

D: Secure the top rail to the unit with the 3/8'' screws as shown in Fig.G.

NOTE: For safety reasons, all four(4) screws **MUST** be securely fastened.

INSTALLATION INSTRUCTIONS

How To Install

NOTE: Top rail and side panels at each side are offset to provide the proper pitch to the rear of (5/16''). This is necessary for proper condensed water utilization and drainage. If you are not using the side panels for any reason, this pitch to the rear must be maintained.

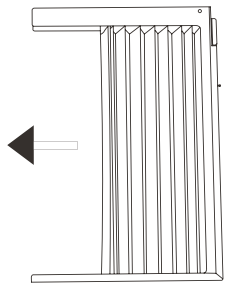


Fig.1

1 Place unit on floor, a bench or a table. There is a left and right side filler panel; be sure to use the proper panel for each side. When installed, the flange for securing the panel in place to the window sill will be facing into the room.

A. Hold the side panel in one hand and gently pull back the center to free the open end. See Fig.1.

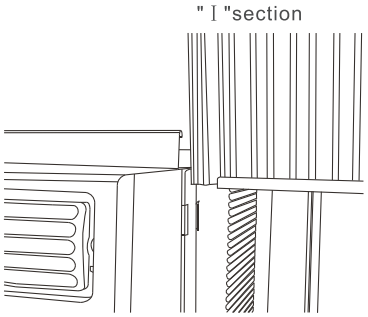


Fig.2

B. Slide the free end " I " section of the panel directly into the cabinet as shown in Fig. 2. 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.

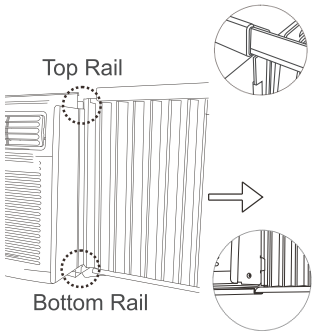


Fig.3

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.3.

D. Slide the panel all the way in and repeat on the other side. Fig.4.

NOTE: If storm window blocks AC, see Fig. 15.

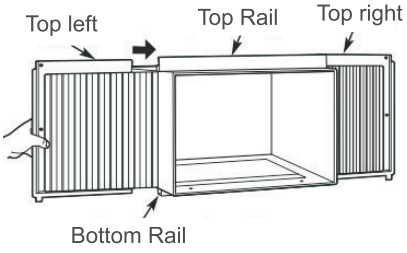


Fig.4

INSTALLATION INSTRUCTIONS

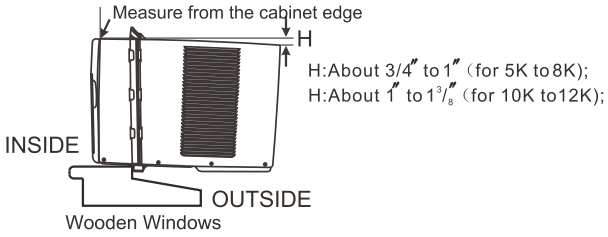


Fig.5

2 While keeping 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: Check that air conditioner is tilted back about H (Fig.6) (tilted about 3°to 4° downward to the outside). After proper installation, condensate should not drain from the overflow drain hole during normal use, correct the slope otherwise.

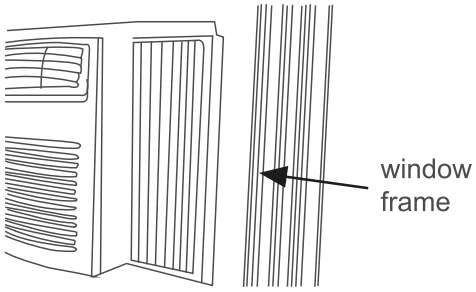


Fig.6

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

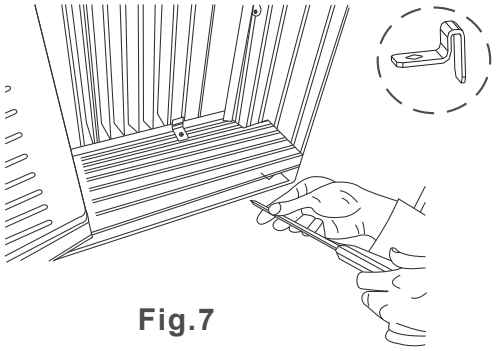


Fig.7

4 Place the frame lock between the frame extensions and the window sill as shown(Fig.7). Drive 3 / 4 " (19mm)or 1 / 2 "(12.7mm) locking screws through the frame lock and into the sill .

NOTE: To prevent window sill from splitting,drill 1 / 8" (3mm) pilot holes before driving screws.

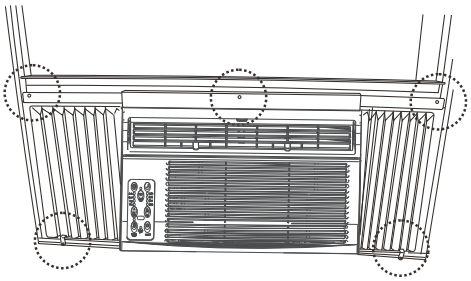


Fig.8

5 Drive 3/4" (19mm) or 1/2" (12.7mm) locking screws through frame holes into window sash (Fig.8).

INSTALLATION INSTRUCTIONS

Fig.9

6 To secure lower sash in place, attach right angle sash lock with 3/4" (19mm) or 1/2" (12.7mm) screw as shown(Fig.9).

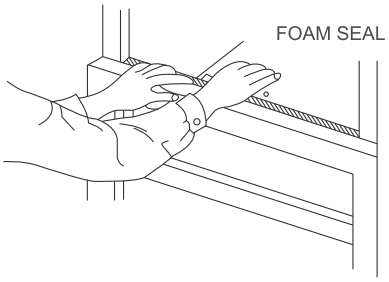


Fig.10

7 Cut window sash seal foam and insert it in the space between the upper and lower sashes (Fig.10).

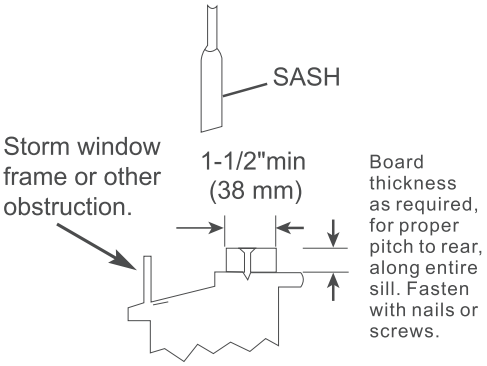


Fig.11

If AC is Blocked by Storm Window

Add wood as shown in Fig.12, 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

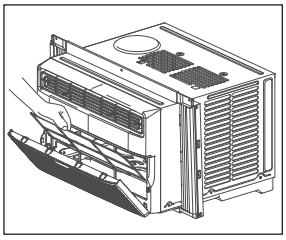
- Turn AC off, and disconnect power cord.
- Remove sash seal from between windows, and unscrew safety sash lock.
- Remove screws installed through frame and frame-lock.
- Close (slide) side panels into frame.
- Keeping a firm grip on air conditioner, raise sash and carefully remove.
- Be carefully not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

CARE AND CLEANING

CAUTION

Clean your air conditioner occasionally to keep it looking new. Be sure to unplug the unit before cleaning to prevent chock 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.

- Push the vent handle to the 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.
- Or, instead of washing you may vacuum the filter clean.

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 store it in the original carton.

TROUBLESHOOTING TIPS

Before calling for service, review this list. It may save you time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

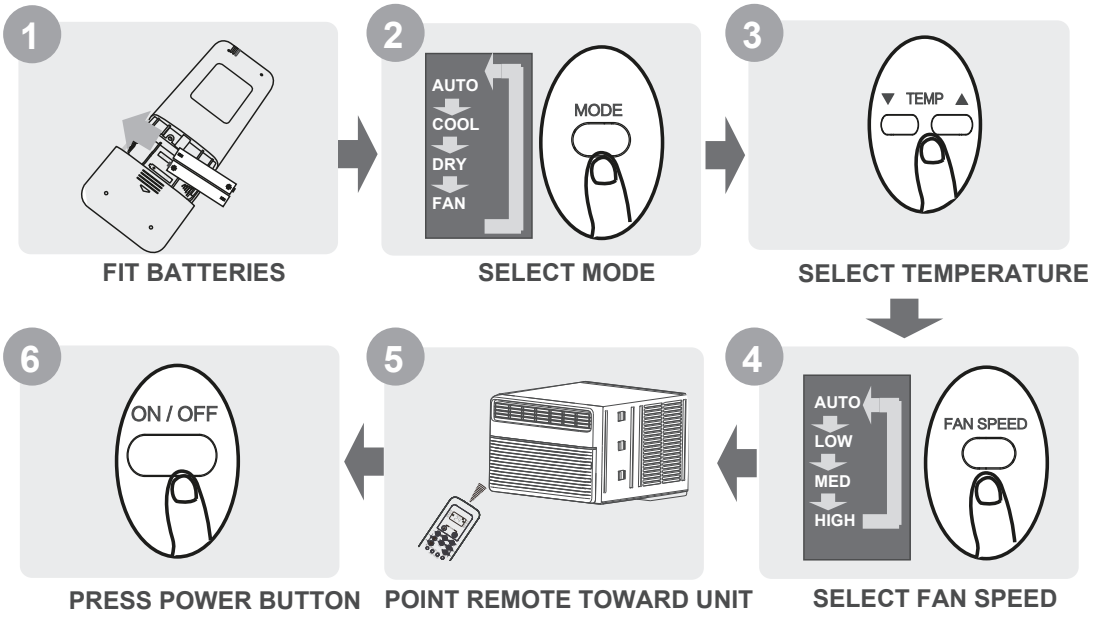
Problem	Solution
Air conditioner does not start	Wall plug disconnected. Push plug firmly into wall outlet.
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.
	Plug current device tripped. Press the RESET button.
	Control is OFF. Turn control ON and set to desired setting.
	Unit turned off and then on too quickly. Turn unit off and wait 3 minutes before restarting.
Air from unit does not feel cold enough	Room temperature below 17°C(62°F). Cooling may not occur until room temperature rises above 17°C(62°F).
	Temperature sensing element touching cold coil, located behind air filter. Straighten tube away from coil.
	Reset to a lower temperature.
	Compressor shut-off by changing modes. Wait approximately 3 minutes and listen for compressor to restart when set in the COOL mode.
Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.	Outdoor temperature below 18°C(64°F). To defrost the coil, set FAN ONLY mode.
	Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set to FAN ONLY mode.
	Thermostat set too cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a higher setting.
Air conditioner cooling, but room is too warm- NO ice forming on cooling coil behind decorative front.	Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.
	Temperature is set too high, set temperature to a lower setting.
	Air directional louvers positioned improperly. Position louvers for better air distribution.
	Front of units is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear blockage in front of unit.
	Doors, windows, registers, etc. Open- cold air escapes. Close doors, windows, registers.
	Unit recently turned on in hot room. Allow additional time to remove "Stored heat" from walls, ceiling, floor and furniture.
Air conditioner turns on and off rapidly	Dirty air filter- air restricted. Clean air filter.
	Outside temperature extremely hot. Set FAN speed to a higher setting to bring air past cooling coils more frequently.
Noise when unit is cooling	Air movement sound. This is normal . If too loud, set to a lower FAN setting.
	Window vibration - poor installation. Refer to installation instructions or check with installer.
Water dripping INSIDE when unit is cooling.	Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.
Water dripping OUTSIDE when unit is cooling.	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.
Remote Sensing Deactivating Prematurely (some models)	Remote control not located within range. Place remote control within 16.4 feet & 180°, radius of the front of the unit.
	Remote control signal obstructed. Remove obstruction.
Room too cold	Set temperature too low. Increase set temperature.

REMOTE CONTROLLER INSTRUCTIONS

Remote Controller Specifications

Model	RG51G(1)/CEFU1
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Range	8m
Environment	-5°C~60°C(23°F~140°F)

Quick Start Guide



NOT SURE WHAT A FUNCTION DOES?
Refer to the **How to Use Basic Functions** and **How to Use Advanced Functions** sections of this manual for a detailed description of how to use your air conditioner.

SPECIAL NOTE

- Button designs on your unit may differ slightly from the example shown.
- If the indoor unit does not have a particular function, pressing that function's button on the remote control will have no effect.
- When there are wide differences between "Remote controller Manual" and "USER'S MANUAL" on function description, the description of "USER'S MANUAL" shall prevail.

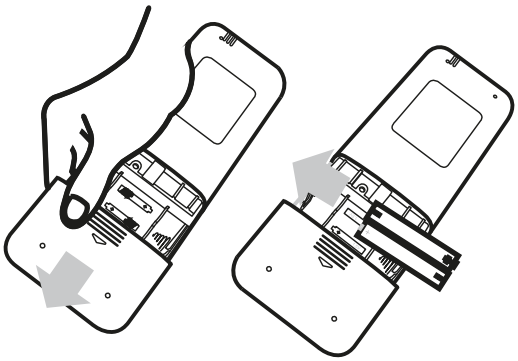
REMOTE CONTROLLER INSTRUCTIONS

Handling the Remote Controller

Inserting and Replacing Batteries

Your air conditioning unit may come with two batteries. Put 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 match up 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 8 meters of the unit.
- The unit will beep when remote signal is received.
- Curtains, other materials and direct sunlight can interfere with the infrared signal receiver.
- Remove batteries if the remote will not be used more than 2 months.

CAUTIONS 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 expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

REMOTE CONTROLLER INSTRUCTIONS

Buttons and Functions

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 How to Use Basic Functions section of this manual.

TEMP ▼
Decreases temperate in1˚F (1˚C) increments. Min. temperature is 62˚F(17˚C).

ON/OFF
Turns the unit on or off.

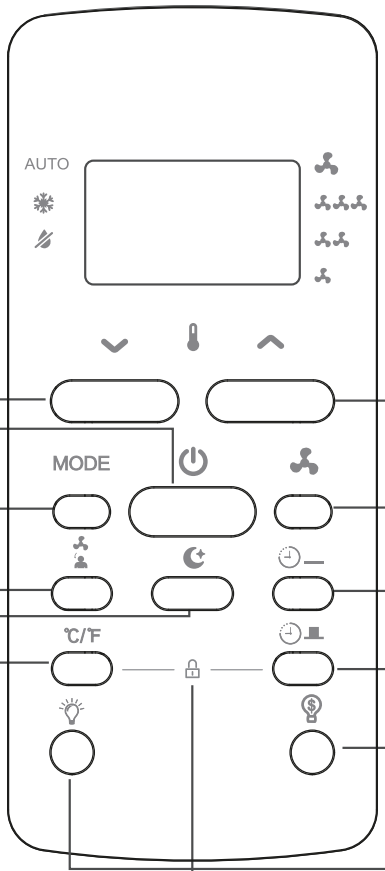
MODE
Scrolls through operation modes as follows:
AUTO → COOL → DRY → HEAT → FAN

NOTE: Please do not select HEAT mode if the machine you purchased is cooling only type. Heat mode is not supported by the cooling only appliance.

I SENSE
Press this button to activate the I SENSE mode.

SLEEP
Saves energy during sleeping hours.

°C/°F
The temperature display between the ˚C & ˚F.



LOCK
Press together ˚C/˚F & TIMER OFF buttons simultaneously for 5 seconds to lock the keyboard. Press together the two buttons for 2 seconds to unlock the keyboard.

TEMP ▲
Increases temperate in1˚F (1˚C) increments. Max. temperature is 86˚F(30˚C).

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

TIMER ON
Sets timer to turn unit on (see How to Use Basic Functions for instructions).

TIMER OFF
Sets timer to turn unit off (see How to Use Basic Functions for instructions).

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

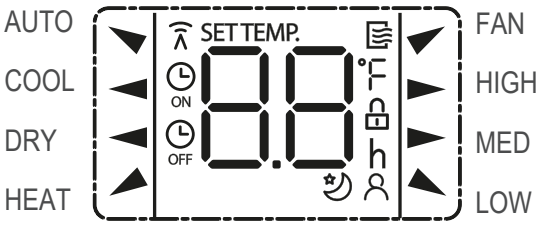
LED DISPLAY
Turns indoor unit's LED display and air conditioner buzzer on and off (model dependent), which create a comfortable and quiet environment.

NOTE: Model RG51G(1)/CEFU1 does not have HEAT feature.

REMOTE CONTROLLER INSTRUCTIONS

Remote Screen Indicators

Information are displayed when the remote controller is power up.



Mode display

AUTO ▼ COOL ◄ DRY ◄
HEAT ▲ ▼ FAN

	Displayed when data transmitted.
	Displayed when remote controller is ON.
ON	Displayed when TIMER ON time is set
OFF	Displayed when TIMER OFF time is set
SET TEMP. °F h	Shows set temperature or room temperature, or time under TIMER setting
	Indicated all the current settings are locked
	Displayed when I Sense feature is activated(some units)
	Displayed when SLEEP feature 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 actaul operation, only the relative function signs are shown on the display window.

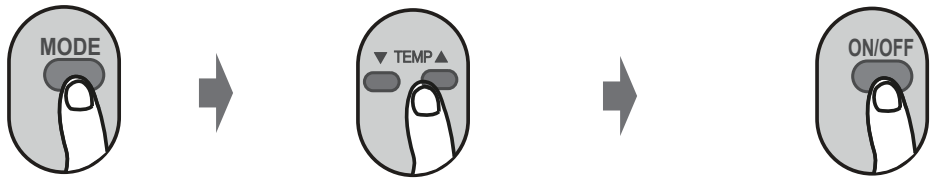
REMOTE CONTROLLER INSTRUCTIONS

How to Use Basic Functions

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

AUTO Mode

Select AUTO mode → Set your desired temperature → Turn on the air conditioner

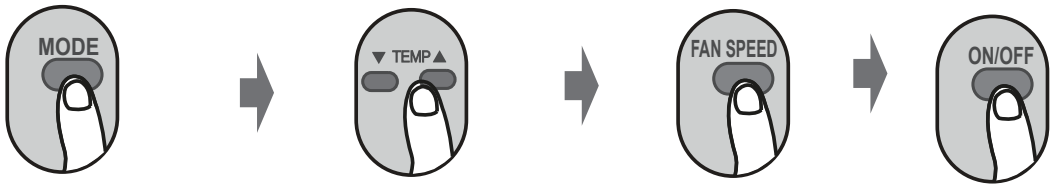


NOTE:

1. In AUTO mode, the unit will automatically select the COOL, or FAN function based on the set temperature.
2. In AUTO mode, fan speed can not be set.

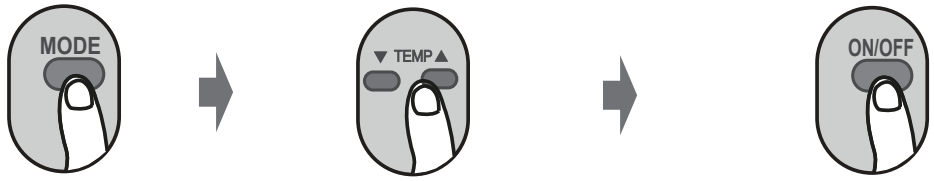
COOL Mode

Select COOL mode → Set the temperature → Set the fan speed → Turn on the air conditioner



DRY Mode

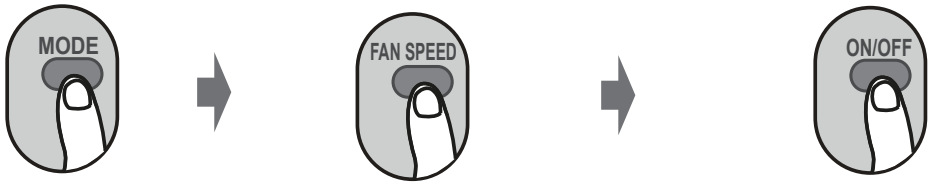
Select DRY mode → Set your desired temperature → Turn on the air conditioner



NOTE: In DRY mode, fan speed can not be set since it has already been automatically controlled.

FAN Mode

Select FAN mode → Set the fan speed → Turn on the air conditioner



NOTE: In FAN mode, you can't set the temperature. As a result , no temperature displays in remote screen.

REMOTE CONTROLLER INSTRUCTIONS

Setting the TIMER

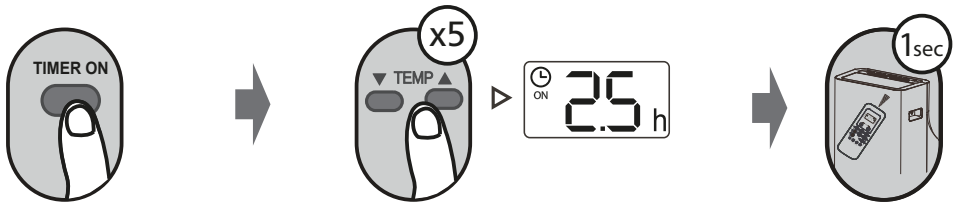
TIMER ON/OFF - Set the amount of time after which the unit will automatically turn on/off.

TIMER ON setting

Press TIMER ON button to initiate the ON time sequence.

Press Temp. up or down button for for multiple times to set the desired time to turn on the unit.

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

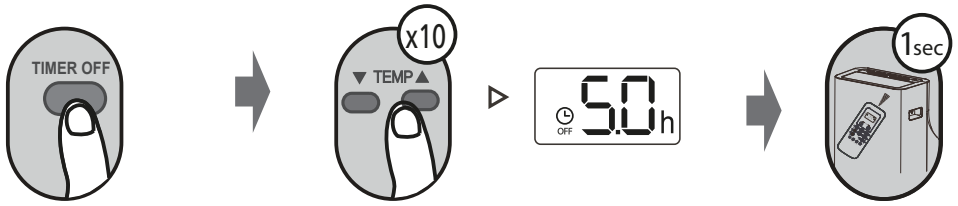


TIMER OFF setting

Press TIMER OFF button to initiate the OFF time sequence.

Press Temp. up or down button for for multiple times to set the desired time to turn off the unit.

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

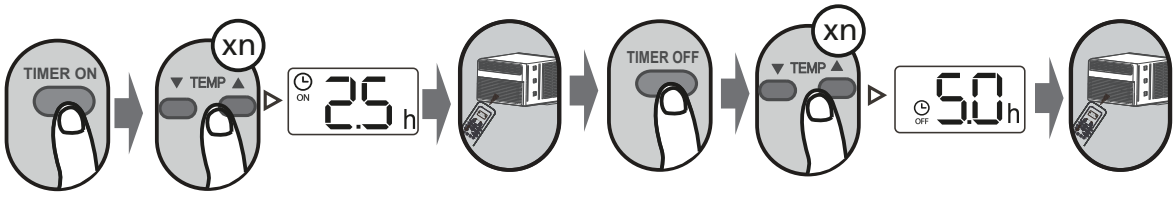


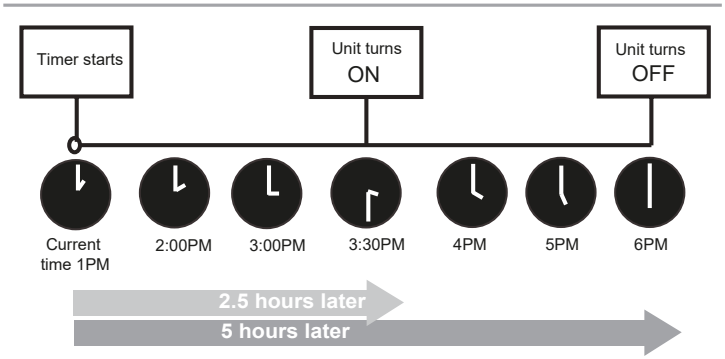
NOTE:

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.





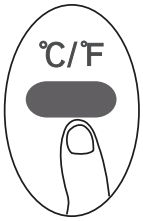
Example: If current timer is 1:00PM, to set the timer as above steps, the unit will turn on 2.5h later (3:30PM) and turn off at 6:00PM.

How to Use Advanced Functions

ENERGY SAVER function (some models)

Press Energy saver button to initiate this function.
This function is available on COOL, DRY, AUTO (only AUTO-COOLING and AUTO-FAN) modes.

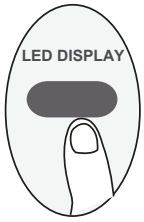
°C/°F (some models)



Press this button will alternate the temperature display between the °C & °F.

LED DISPLAY

Press LED button



Press this button to turn on and turn off the display on the indoor unit.

How to Use Advanced Functions

SLEEP function

The SLEEP function is used to decrease energy use while you sleep (and don't need the same temperature settings to stay comfortable). This function can only be activated via remote control. The sleep function is not available in Fan or Dry mode.Please refer to the OWNER'S MANUAL for more details.

I SENSE function

When the I SENSE function is activated, the remote display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the I SENSE button again.

NOTE: Press this button for seven seconds to start/stop memory feature of I SENSE function.

- If the memory feature is activated, " **On** " displays for 3 seconds on the screen.
- If the memory feature is stopped, " **OF** " displays for 3 seconds on the screen.
- While the memory feature is activated, press the ON/OFF button, shift the mode or power failure will not cancel the I SENSE function.

REMOTE CONTROLLER INSTRUCTIONS

NOTE:

-Buttons design is based on typical model and might be slightly different from the actual one you purchased, the actual shape shall prevail.

-All functions described in these instructions apply to the different models available; if your model doesn't have a specific function, pressing the corresponding button will have no effect.

-When there are wide differences between"Remote controller Illustration" and"USER'S MANUAL" on function description, the description on"USER'S MANUAL" shall prevail.

-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 suer's authority to operate the equipment.

SMART FEATURES SET UP AND USE

1 SPECIFICATION

Unit Model: OWH081CE4A / OWH101CE4A
Model: EU-OSK105(IOT), US-OSK105(IOT),
EU-SK109, US-SK109
Antenna Type: Printed PCB Antenna
Frequency Band: 2400-2483.5MHz
Operation Temperature:0 ºC~45 ºC/32 ºF~113 ºF
Operation Humidity: 10%~85%
Power Input: DC 5V/500mA
Maximum TX Power: <20dBm

2 PRECAUTIONS

- **Applicable system: iOS, Android**
  - Please keep your APP up to date with the latest version.
  - Due to special situation may be occurred, we explicitly claims below: Not all of the Android and iOS system are compatible with APP. We will not be responsible for any issue as a result of the incompatibility.
- **Wireless safety strategy**
  Smart kit only support WPA-PSK/WPA2-PSK encryption and none encryption.
  WPA-PSK/WPA2-PSK encryption is recommended.
- **Cautions**
  - Due to different network situation, control process may return time-out sometimes. If this situation occurs, the display between board and APP may not be the same, please do not feel confused.
  - Smart Phone camera needs to be 5 million pixels or above to make sure scan QR code well.
  - Due to different network situation, sometimes, request time-out could happen, thus, it is necessary to do network configuration again.
  - 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.
  - Please check the Service Website for more information.

3 DOWNLOAD AND INSTALL THE APP

CAUTION: The following QR Code is only available for downloading APP.

Android iOS

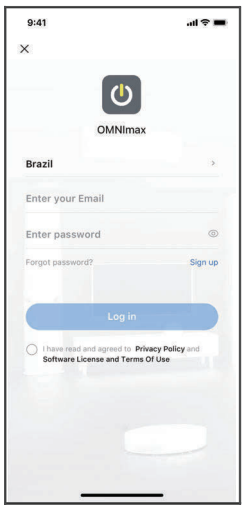
- Android Phone users: scan Android QR code or go to google play, search “OMNImax” app and download it.
- iOS users: scan iOS QR code or go to APP Store, search “OMNImax ” app and download it.

SMART FEATURES SET UP AND USE

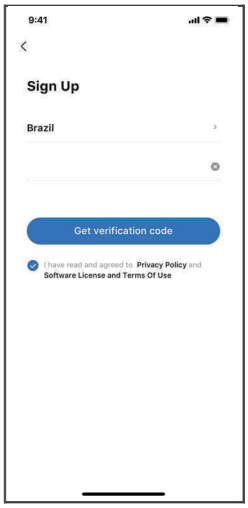
4 USER REGISTRATION

- Please ensure your mobile phone is connect to Wireless router. Also, the Wireless router has already connected to Internet before doing user registration and network configuration.

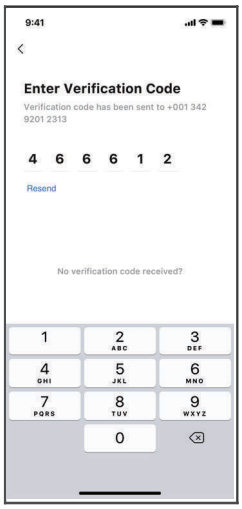
- You can log in with your email.
- It needs to be selected according to the country and region where the air conditioner is located in order to obtain better experience and service.



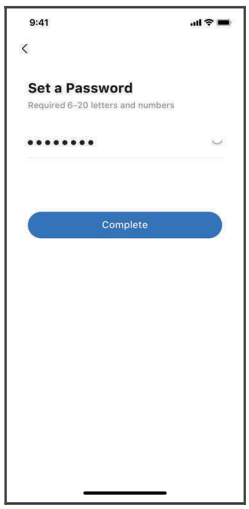
① Click "Log in "



② Enter your email address and then click "Get verification code"



③ Enter the verification code, the verification is successful and automatically enter the next step



④ Enter a password, format: 6-20 letters and numbers. and then click “Complete”

5 NETWORK CONFIGURATION

Cautions

- It is necessary to forget any other around network and make sure the Android or iOS phone must connect to the Wireless network you want to configure.
- Make sure the Android or iOS phone Wireless function works well and can be connected back to your original Wireless network automatically.

Kindly reminder:

The user must complete all steps within 8 minutes after the air conditioner enters the distribution mode, otherwise the user needs to re-distribute the network according to the following steps.

■ Using Android or iOS device to do network configuration

- Make sure your mobile phone has already been connected to the 2.4G wireless network which you want to use. Also, you need to forget other irrelevant wireless network in case it influences your configuration process.
- Power on the device and wait 5 seconds
- ① Turn on the device after connecting the power supply.
  ② Press and hold the “Power On” or “SWING” or APP control button more than 3 seconds, or press the “LED Display” button on the remote 7 times until the device shows “AP” on the display.
- Description: The specific model may be slightly different, the user can operate according to the actual network distribution guidelines prompted by the App.

Note:

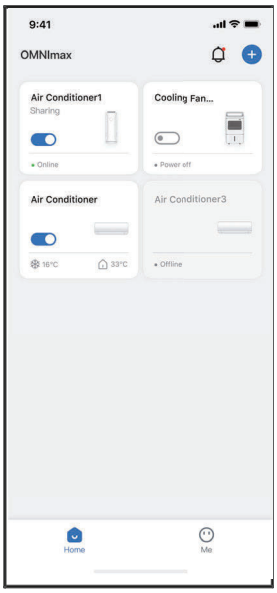
There are two ways to finish the network configuration:

- Network configuration by Bluetooth scan
- Network configuration by select appliance type

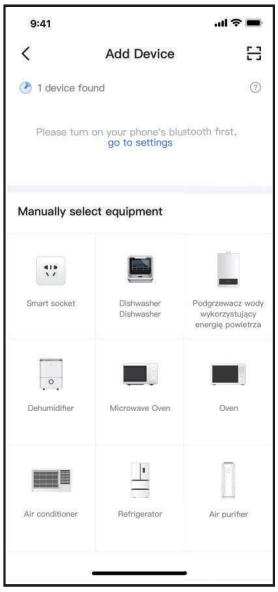
SMART FEATURES SET UP AND USE

Network configuration by Bluetooth scan

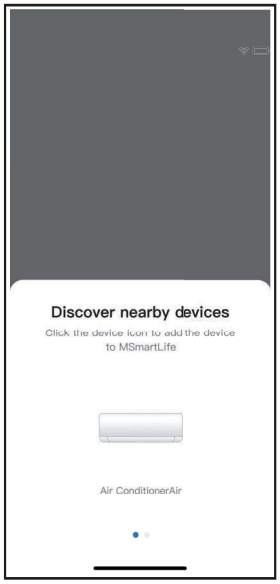
Note: Make sure the bluetooth of your mobile phone is working.



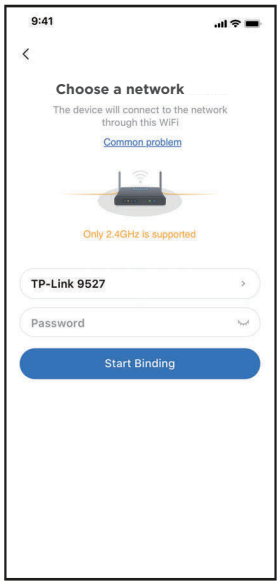
① Press “ + ”



② Enter the current page to enable automatic scanning

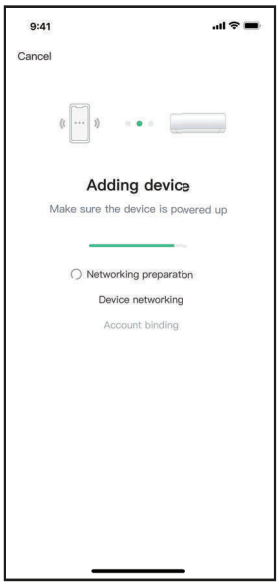


③ Wait smart devices to find, then click to add it

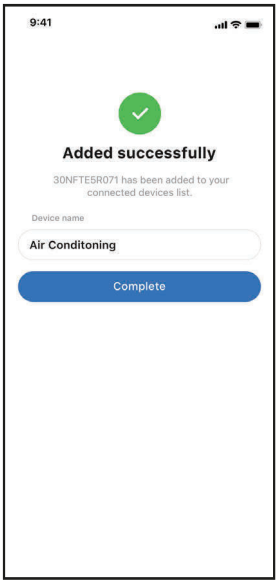


④ Select home wireless network, enter the password

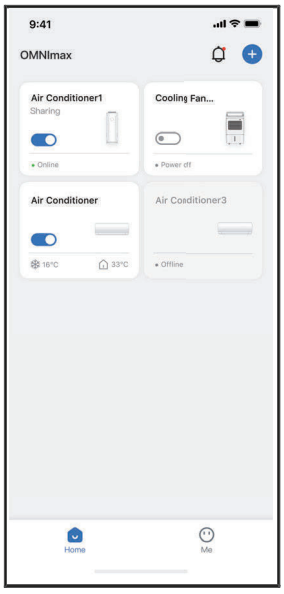
SMART FEATURES SET UP AND USE



⑤ Wait connecting to the network



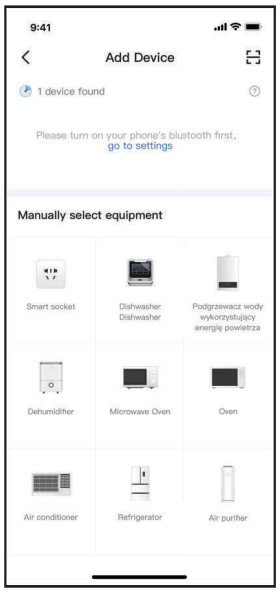
⑥ Configuration Success, you can modify the default name.



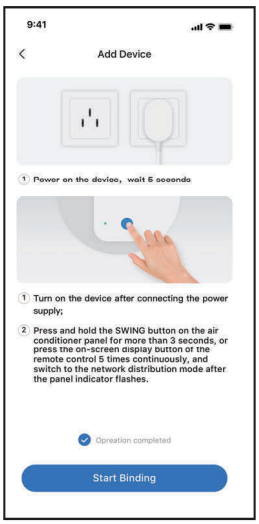
⑦ Bluetooth network configuration is successful, now you can see the device in the list.

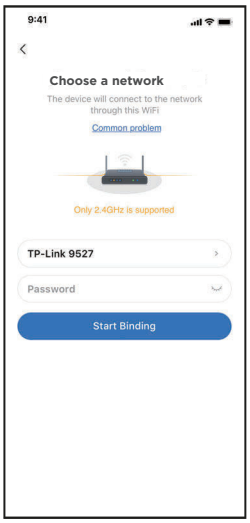
SMART FEATURES SET UP AND USE

Network configuration by select appliance type :



① If the bluetooth network configuration is failure, please select the appliance type.



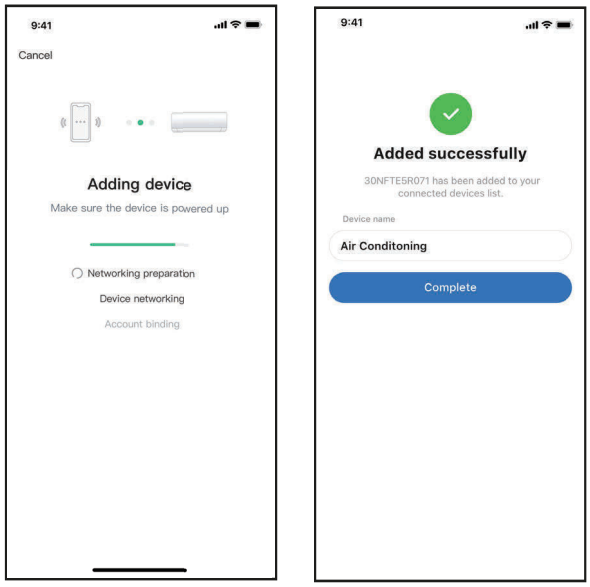


② Power on the device and wait 5 seconds

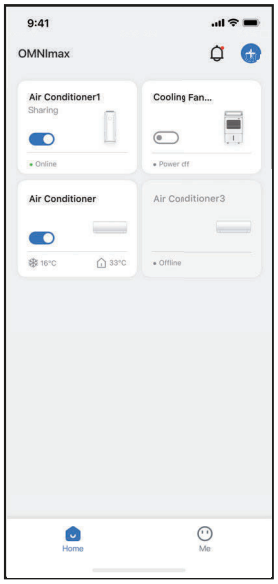
③ a.Turn on the device after connecting the power supply.
b.Press and hold the “Power On” or “SWING” or APP control button more than 3 seconds, or press the “LED Display” button on the remote 7 times until the device shows “AP” on the display.

④ Please enter password

SMART FEATURES SET UP AND USE



⑤ Network configuration is successful



⑥ Configuration Success, you can see the device in the list.

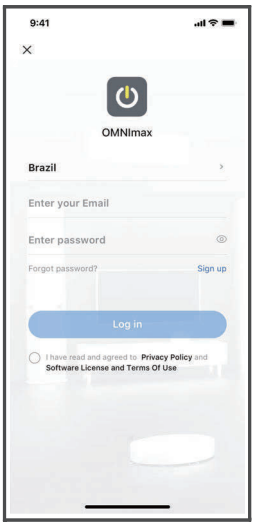
NOTE:

- When finishing network configuration, APP will display success cue words on the screen.
- Due to different internet environment, it is possible that the device status still display “offline” . If this situation occurs, it is necessary to pull down and refresh the device list on the APP and make sure the device status become “online” . Alternatively, user can turn off the AC power and turn on it again, the device status will become “online” after few minutes.

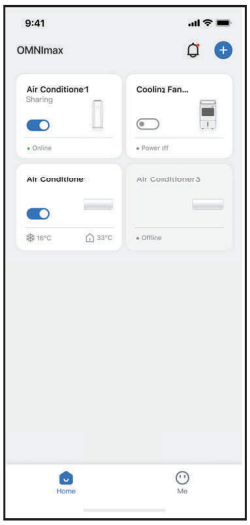
SMART FEATURES SET UP AND USE

6 HOW TO USE THE APP

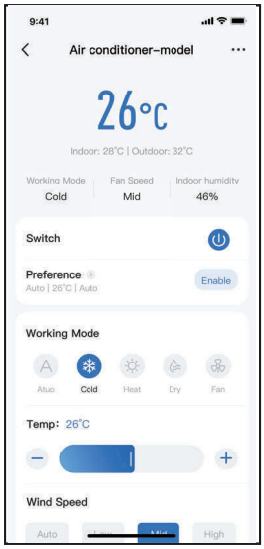
Please ensure both your mobile phone and air conditioner are connected to the Internet before using app to control the air conditioner via internet, please follow the next steps:



① Click " Log in "



② Choose the Device.

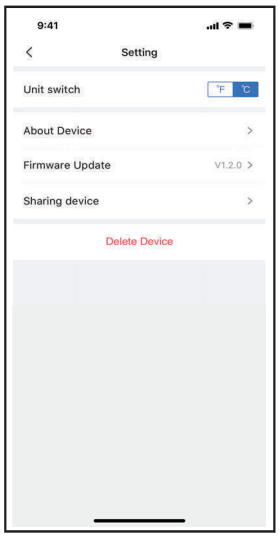


③ Thus, user can control air conditioners on/off status, operation mode, temperature, fan speed and so on.

NOTE:
Each device functions differently, check the user manual for more information.

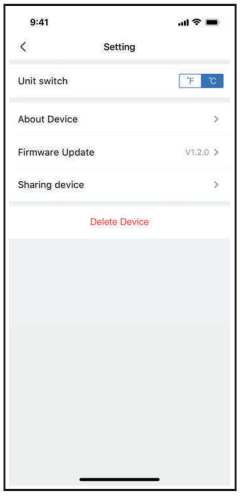
SMART FEATURES SET UP AND USE

7 SPECIAL FUNCTIONS



■ Share Device

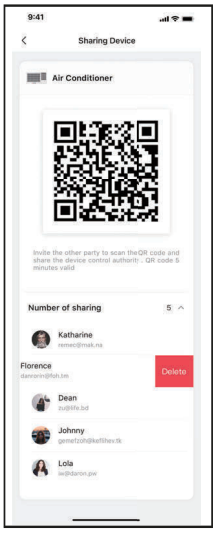
Through the shared device function, multiple users can control the device at the same time.



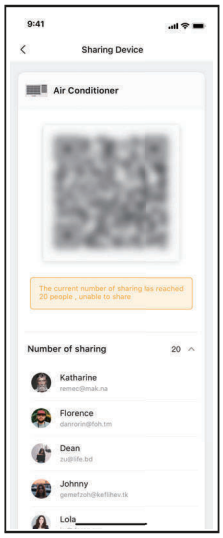
① Click “Sharing Device”

② Scan the device sharing code

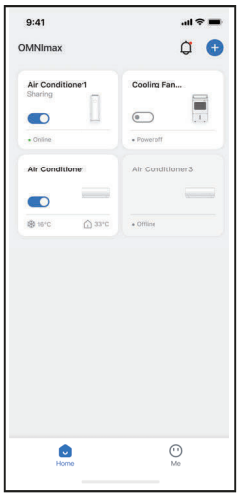
SMART FEATURES SET UP AND USE



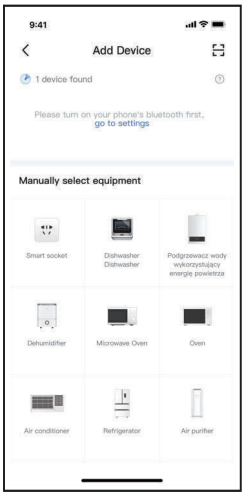
③ Swipe left on a member to delete.



④ When the number of shared members reaches 20, other users will not be able to scan



⑤ Other users must log in to the "OMNImax" APP first, and click the "+" on the home page to enter the scan entry page

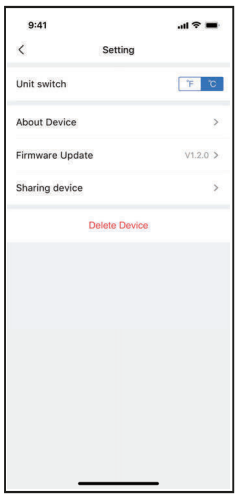


⑥Now others can add shared devices by clicking the scan symbol in the upper right corner

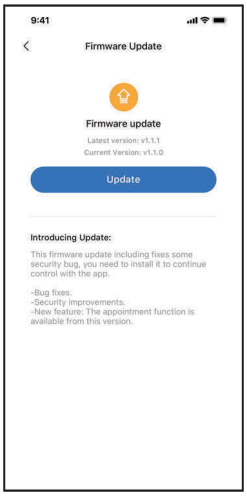
SMART FEATURES SET UP AND USE

■ Firmware Update

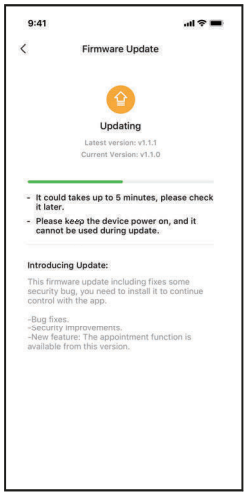
Through this function, users can manually update the device firmware to ensure that the device firmware is running with the latest version



① Click“Firmware Update”



② When there is a firmware upgrade, you can see the firmware upgrade prompt page.Click“Update”.



③ Check the upgrade status during the upgrade, and go to the next step after the upgrade is complete.

④ The firmware upgrade is completed, and the user can check the latest firmware version. Or when the firmware does not need to be upgraded, it will also enter the current page to view the latest version number.

SMART FEATURES SET UP AND USE

CAUTIONS:

Wireless module models: US-SK109:

FCC ID: 2ADQOMDNA23
IC: 12575A-MDNA23

This device complies with Part 15 of the FCC Rules and it contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-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 20cm (8 inches) during normal operation.

In Canada:

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 millimeters between the radiator and your body.

SMART FEATURES SET UP AND USE

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 receiver is connected.

--Consult the dealer or an experienced radio/TV technician for help.

AIR CONDITIONER LIMITED WARRANTY

Your product is protected by this warranty:

Warranty service must be obtained from Midea Consumer Services or an authorized Midea servicer.

Midea replacement parts shall be used and will be warranted only for the period remaining on the original warranty.

NORMAL RESPONSIBILITIES OF THE CONSUMER*

This warranty applies only to products in ordinary household use, and the consumer is responsible for the items listed below:

1. Proper use of the appliance in accordance with instructions provided with the product.
2. Proper installation by an authorized service professional in accordance with instructions provided with the appliance and in accordance with all local plumbing, electrical and / or gas codes.
3. Proper connection to a grounded power supply of sufficient voltage, replacement of blown fuses, repair of loosen connections or defects in house wiring.
4. Expenses for making the appliance accessible for servicing.
5. Damages to finish after installation.

EXCLUSIONS

This warranty does not cover the following:

1) Failure caused by damage to the unit while in your possession (other than damage caused by defect or malfunction), by its improper installation, or by unreasonable use of the unit, including without limitation, failure to provide reasonable and necessary maintenance or to follow the written Installation and Operating Instructions.
2) Damages caused by services performed by persons other than authorized Midea servicers; use of parts other than Midea replacement parts; obtained from persons other than such Midea customer service; or external causes such as abuse, misuse, inadequate power supply or acts of God.
3) If the unit is put to commercial, business, rental, or other use or application other than for consumer use, we make no warranties, express or implied, including but not limited to, any implied warranty of merchantability or fitness for particular use or purpose.
4) Products without original serial numbers or products that have serial numbers which have been altered or cannot be readily determined.

Note: Some states do not allow the exclusion or limitation of incidental or consequential damages. So this limitation or exclusion may not apply to you.

IF YOU NEED SERVICE

Keep your bill of sale, delivery slip, or some other appropriate payment record.
The date on the bill established the warranty period should service be required.
If service is performed, it is your best interest to obtain and keep all receipts.
This written warranty gives you specific legal rights. You may also have other rights that vary from state to state.
Service under this warranty must be obtained by following these steps, in order:

1. Contact Consumer Services or an authorized servicer at 1-888-365-2230.
2. If there is a question as to where to obtain service, contact our consumer relations Department.

OMNI CANADA
ST. JACOBS, ONTARIO N0B 2N0

CUSTOMER SERVICE
1-888-365-2230