

VISSANI™

USE AND CARE GUIDE

PORTABLE AIR CONDITIONER

Safety Information

READ THIS MANUAL

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.

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 use damaged or 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 center or a similarly qualified person in order to avoid a hazard.

WARNING:

- Always install circuit breaker and a dedicated power circuit. Incorrect installation may cause fire and electric shock.
- 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.
- Do not modify power cord length or share the outlet with other appliances. It may cause electric shock or fire due to heat generation.
- Unplug the unit if strange sounds, smell, or smoke comes from it. It 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 use 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.

CAUTION:

- When the air filter is to be removed, do not touch the metal parts of the unit. It may cause an injury.
- Ventilate the room well when used together with a stove, etc. An oxygen shortage may occur.
- Do not clean the air conditioner with water. Water may enter the unit and degrade the insulation. It may cause an electric shock.
- Stop operation and close the window during a storm or hurricane. Operation with windows open may cause indoors to get wet.
- Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure.
- Hold the plug by the head of the power plug when unplugging the unit. Pulling on the cord may cause electric shock and damage.
- Do not place obstacles around air inlets or inside of air outlet. It may cause failure of appliance or accident.
- Do not drink water drained from air conditioner. It contains contaminants and could make you sick.
- If water enters the unit, turn the unit off at the power outlet and switch off the circuit breaker. Unplug the air conditioner and contact a qualified service technician.
- Do not put a pet or house plant where it will be exposed to direct air flow.
- Do not use strong detergent such as wax or thinner. Appearance may be deteriorated due to change of product color or scratching of its surface.
- Do not use for special purposes. Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.
- 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, and it may cause an injury.
- Always insert the filters securely. Clean filter once every two weeks. Operation without filters may cause failure.
- 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 heavy object on the power cord and ensure that the cord is not compressed. There is danger of fire or electric shock.
- Use caution when unpacking and installing. Sharp edges could cause injury.

CAUTION:

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance shall be installed in accordance with national wiring regulations.
- Do not operate your air conditioner in a wet room such as a bathroom or laundry room.
- Contact the authorized service technician for repair or maintenance of this unit. Contact the authorized installer for installation of this unit.

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

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

Explanation of symbols displayed on the unit:

	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 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.

WARNING: (for using R32 refrigerant only)

- Do not try to accelerate the defrosting process or methods of cleaning that are not recommended by the manufacturer.
- The appliance shall be stored in a room without a continuously operating ignition source (for example, open flames or an operating gas appliance) or an ignition source (for example, an operating electric heater) close to the appliance.
- Do not pierce or burn.
- Be aware that the refrigerants may not contain an odor.
- Keep ventilation openings clear of obstruction.
- Unit is only to be serviced by a Vissani authorized servicer, please contact a service center.
- Flammable refrigerant R32 is used within air conditioners. Please follow the instructions carefully to handle, install, clean, and service the air conditioner to avoid damage or hazard. Do not dispose of air conditioner in regular trash. Contact qualified agency for proper disposal.
- No open fire or devices that generate spark/arcing shall be around the air conditioner to avoid causing ignition of the flammable refrigerant used. Please follow the instructions carefully to store or maintain the air conditioner to prevent mechanical damage from occurring.

TRANSPORT OF EQUIPMENT CONTAINING FLAMMABLE REFRIGERANTS

See transport regulations.

MARKING OF EQUIPMENT USING SIGNS

See local regulations.

DISPOSAL OF EQUIPMENT USING FLAMMABLE REFRIGERANTS

See national regulations.

STORAGE OF EQUIPMENT/APPLIANCES

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

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.

INFORMATION ON SERVICING

- Checks to the area: Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.
- Work procedure: Work shall be undertaken under a controlled procedure so as to minimize the risk of a flammable gas or vapor being present while the work is being performed.
- General work area: All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.
- Checking for presence of refrigerant: The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.
- Presence of fire extinguisher: If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO₂ fire extinguisher adjacent to the charging area.
- No ignition sources: No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. No Smoking signs shall be displayed.
- Ventilated area: Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.
- Checks to the refrigeration equipment: Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance. The following checks shall be applied to installations using flammable refrigerants: The charge size is in accordance with the room size within which the refrigerant containing parts are installed. The ventilation machinery and outlets are operating adequately and are not obstructed. If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant.
- Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected. Refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.
- Checks to electrical devices: Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised. Initial safety checks shall include: That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking. That no live electrical components and wiring are exposed while charging, recovering or purging the system. That there is continuity of earth bonding.

REPAIRS TO SEALED COMPONENTS

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

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.

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.

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.

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 recalibration. (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 pipework. 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.

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. Opening of the refrigeration systems shall not be done by brazing. 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 pipework are to take place.
- Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

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 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.

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.

- Become familiar with the equipment and its operation.
- Isolate system electrically.
- 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.
- Pump down refrigerant system, if possible.
- If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- Make sure that cylinder is situated on the scales before recovery takes place.
- Start the recovery machine and operate in accordance with manufacturer's instructions.
- Do not overfill cylinders. (No more than 80% volume liquid charge).
- Do not exceed the maximum working pressure of the cylinder, even temporarily.
- 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.
- Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

LABELING

Refrigerant shall be labeled stating that it has been decommissioned 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.

RECOVERY

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

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

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants. In addition, a set of calibrated weighing scales shall be available and in good working order.

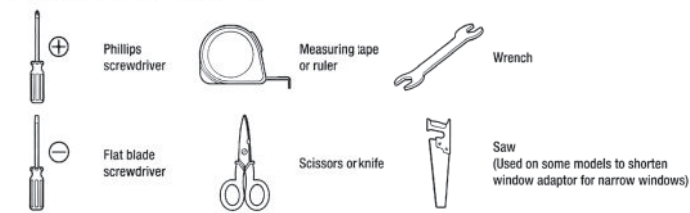
Hoses shall be complete with leak-free disconnect couplings and in good condition.

Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.

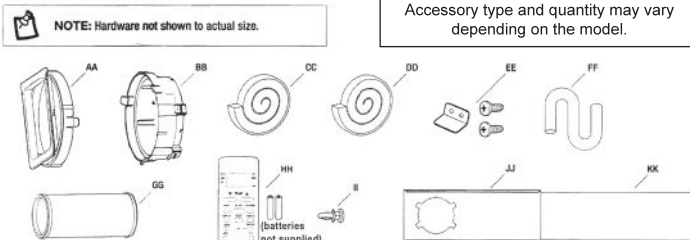
The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders. If compressors or compressor oils are to be removed, ensure that they have 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.

Pre-Installation

TOOLS REQUIRED (NOT INCLUDED)



HARDWARE INCLUDED

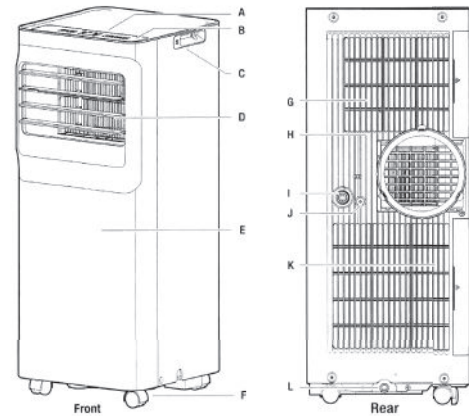


Part	Description	Part	Description
AA	Unit adaptor	GG	Exhaust hose
BB	Window slider adaptor	HH	Remote control and batteries (not supplied) (only for remote control models)
CC	Foam seal A (Adhesive)	II	Bolt
DD	Foam seal B (Non-adhesive)	JJ	Window slider A
EE	Security bracket and two (2) screws	KK	Window slider B
FF	Drain hose		

The image shown here is for illustrative purposes only and may be subject to change.

PACKAGE CONTENTS

Part	Description
A	Control panel
B	Remote signal receptor
C	Handle (both sides)
D	Vertical louver control
E	Panel
F	Caster
G	Air filter
H	Upper air intake
I	Drain outlet
J	Air outlet
K	Lower air intake
L	Bottom tray drain outlet



The images shown here are for illustrative purposes only and may be subject to change, the actual descriptions of control panel and their locations may vary depending on the model.

DESIGN NOTICE

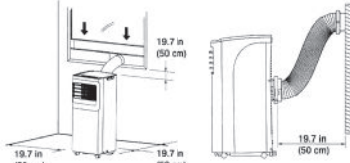
In order to ensure the optimal performance of our products, the design specifications of the unit and remote control are subject to change without prior notice. All illustrations in this manual are for explanation purpose only. Your machine may be slightly different. The actual shape shall prevail. The unit can be controlled by the unit control panel alone or with the remote controller. This manual does not include Remote Controller Operations, see the "Remote Controller Instruction" packed with the unit for details.

AMBIENT TEMPERATURE RANGE FOR OPERATION

MODE	Temperature Range
Cool	16-35°C (60-95°F)
Dry	13-35°C (55-95°F)

EXHAUST HOSE INSTALLATION

The exhaust hose and adaptor must be installed or removed in accordance with the usage mode. For COOL, or AUTO mode exhaust hose must be installed. For FAN, or DRY mode exhaust hose must be removed.



Your installation location should meet the following requirements:

- Make sure that you install your unit on an even surface to minimize noise and vibration.
- The unit must be installed near a grounded plug, and the collection tray drain (found on the back of the unit) must be accessible.
- The unit should be located at least 12 in. (30 cm) from the nearest wall to ensure proper air conditioning. The horizontal louver blade should be at least 19.7 in. (50 cm) away from obstacles.
- DO NOT cover the Intakes, Outlets or Remote Signal Receptor of the unit, as this could cause damage to the unit.

ENERGY RATING INFORMATION

The energy rating and noise information for this unit is based on the standard installation using an unextended exhaust duct without window slider adaptor (as shown in the Installation section of this manual). At the same time, the unit must be operate on the COOL MODE and HIGH FAN SPEED by remote controller.

HOW TO STAY COOL WITH A NEW PORTABLE AIR CONDITIONER(FOR THE MODELS THAT COMPLY WITH THE REQUIREMENTS OF DEPARTMENT OF ENERGY IN US)

Because of a new federal test procedure for Portable Air Conditioners, you may notice that the cooling capacity claims on portable air conditioner packaging are significantly lower than that of models produced prior to 2017. This is due to changes in the test procedure, not to the portable air conditioners themselves.

WHAT SHOULD I LOOK FOR FIRST WHEN PURCHASING A PORTABLE AIR CONDITIONER?

The right air conditioner helps you cool a room efficiently. An undersized unit won't cool adequately while one that's too large will not remove enough humidity, leaving the air feeling damp. To find the proper air conditioner, determine the square footage of the room you want to cool by multiplying the room length by its width. You also need to know the air conditioner's BTU (British Thermal Unit) rating, which indicates the amount of heat it can remove from a room. A higher number means more cooling power for a larger room. (Be sure you are comparing only newer models to each other- older models may appear to have a higher capacity, but are actually the same). Be sure to "size up" if your portable air conditioner will be placed in a very sunny room, in a kitchen, or in a room with high ceilings. After you've found the right cooling capacity or your room, you can look at other features.

WHY IS THE COOLING CAPACITY LOWER ON NEWER MODELS THAN ON OLDER UNITS?

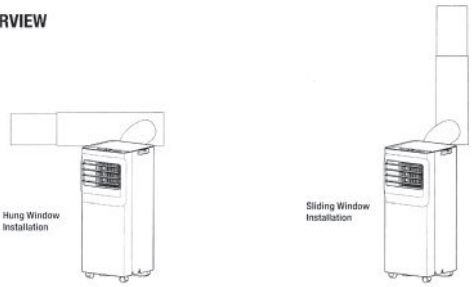
Federal regulations require manufacturers to calculate cooling capacity based on a specific test procedure, which was changed just this year. Models manufactured before 2017 were tested under a different procedure and cooling capacity is measured differently than in prior years' models. So, while the BTUs may be lower, the actual cooling capacity of the air conditioners has not changed.

WHAT IS SACC ?

SACC is the representative value of Seasonally Adjusted Cooling Capacity, in BTU/h, as determined in accordance with the Department of Energy (DOE) test procedure at title 10 Code of Federal Regulations (CFR) 430, subpart B, appendix CC and applicable sampling plans.

NOTE: In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process. For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir. It is recommended to rinse the water reservoir with fresh water prior to its first use.

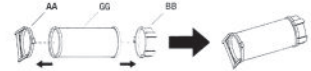
INSTALLATION OVERVIEW



Installation

1 Prepare the Exhaust Hose assembly

- Press the exhaust hose (GG) (or extended exhaust hose) into the window slider adaptor (BB) (or wall exhaust adaptor) and unit adaptor (AA). Clamp automatically by elastic buckles of the adaptors.



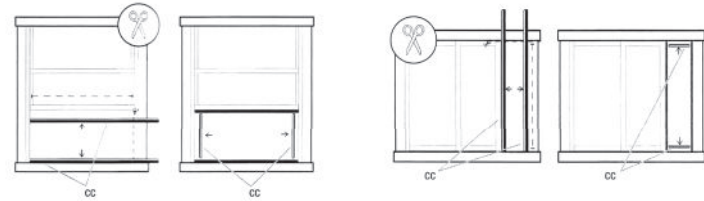
2 Preparing the Adjustable Window Slider

- Choose the window sliders according to the size of your window. Sometimes, it needs to be cut short to meet the window size, please take extra care to cut it properly.
- Use bolts (II) to fasten the window sliders (JJ and KK) once they are adjusted to the proper length.



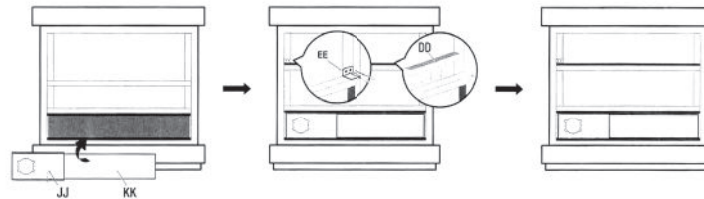
3 Install Adhesive Foam Seal

- Cut the adhesive foam seal A (CC) strips to the proper lengths, and attach them to the window sash and frame as shown.



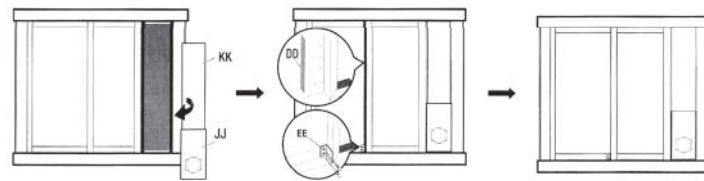
4a Install Window Slider (Hung Window Installation)

- Insert the window slider (JJ and KK) assembly into the window opening.
- Cut the non-adhesive foam seal C (DD) strip to match the width of the window. Insert the seal between the glass and the window frame to prevent air and insects from getting into the room.
- Install the security bracket (EE) with 2 screws as shown. (Optional)



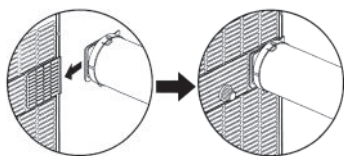
4b Install Window Slider (Sliding Window Installation)

- Insert the window slider (JJ and KK) assembly into the window opening.
- Cut the non-adhesive foam seal C (DD) strip to match the height of the window. Insert the seal between the glass and the window frame to prevent air and insects from getting into the room.
- Install the security bracket (EE) with 2 screws as shown. (Optional)



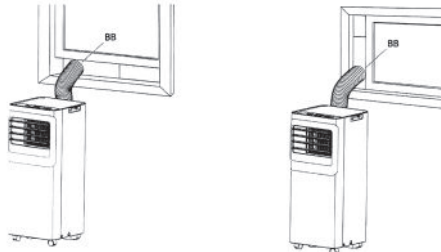
5 Install the Exhaust hose assembly to the unit

- Push the Exhaust hose (BB) into the air outlet opening of the unit along the arrow direction.



6 Install Window Slider Adaptor

- Insert the window slider adaptor (BB) into the hole of the window slider (JJ).



NOTE: To ensure proper function, DO NOT overextend or bend the hose. Make sure that there is no obstacle around the air outlet of the exhaust hose (in the range of 500 mm) in order to the exhaust system works properly. All the illustrations in this manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.



Operation

NOTE: The following control panels are for explanation purpose only. The control panel of the unit you purchased may be slightly different according to the models. Your machine may not contain some indicators or buttons. The actual shape shall prevail.

1 Using the Control Panel

POWER button
Power switch on/off.

MODE function
Selects the appropriate operating mode. Each time you press the button, the mode is selected in a sequence that goes from AUTO, FAN, COOL and DRY. The mode indicator light illuminates under the different mode setting.

NOTE: In AUTO mode, the FAN speed will be adjusted automatically.

UP and DOWN buttons
Used to adjust (increasing/decreasing) temperature settings in 1°C/1°F increments in a range of 16°C/60°F to 30°C/86°F.

NOTE: The control is capable of displaying 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.

Display
Shows the set temperature while on Cool, or Auto mode. It shows the room temperature on DRY and FAN modes.

Shows Error codes:

- EH00-EEPROM error.
- EH60-Room temperature sensor error.
- EH61-Evaporator temperature sensor error.
- EC52-Condenser temperature sensor error(on some models).
- EH0b-Display panel communication error.
- EC-Refrigerant leakage detection malfunction(on some models).

Shows protection code:

- P1 — Bottom tray is full. Connect the drain hose and drain the collected water away.

If protection repeats, call for service.

NOTE: When one of the above malfunctions occurs, turn off the unit, and check for any obstructions. Restart the unit, if the malfunction is still present, turn off the unit and unplug the power cord. Contact the manufacturer or its service agents or a similar qualified person for service.

FAN function
Fan — Press "Fan button" to control the fan speed in four steps AUTO, LOW, and HIGH. The fan speed indicator light illuminates under different fan settings.

COOL mode
Cool — Press the "MODE" button until the "Cool" indicator light comes on. Press the ADJUST buttons "+" or "-" to select your setting.

DRY mode
Dry — Press the "MODE" button until the "Dry" indicator light comes on. In this mode, the fan speed or the temperature cannot be adjusted. The fan motor operates at AUTO speed.

NOTE: Keep windows and doors closed for the better dehumidifying effect.

AUTO mode
Auto — Press the "MODE" button until the "Auto" indicator light comes on. In this mode, the fan speed or the temperature will be adjusted automatically.

Continuous Fan function
In COOL or DRY modes, press the press and hold the "FAN" button for 3 seconds to turn the continuous fan function on and off. When the function is turned on, the Cont. fan light will illuminate, indicating the fan will run continuously. When the function is turned off, the Cont. fan light will go out, indicating the fan will stop when the compressor stops.

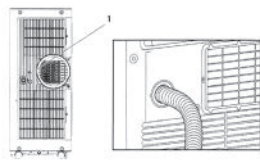
I SENSE feature
This feature can be activated from the remote control ONLY. There is no indicator light on the control panel. The remote control serves as a remote thermostat allowing for the precise temperature control at its location. To activate the I SENSE feature, point the remote control towards the unit and press the I SENSE button. The remote control will send this signal to the AC until press the I SENSE button again. If the unit does not receive the I SENSE signal during any 7 minutes interval, the unit will exit the I SENSE mode.

NOTE: This feature is unavailable under FAN or DRY mode.

2 Dehumidifying Mode Drainage

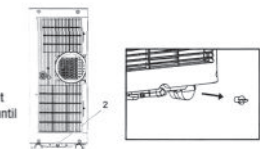
- During dehumidifying modes, remove the drain plug (1) from the back of the unit, install the drain connector (5/8" universal female mender) with 3/4" hose (locally purchased). Place the open end of the hose directly over the drain in your basement floor.

NOTE: Make sure the hose is secure so there are no leaks. Direct the hose toward the drain, making sure there are no kinks that will stop the water flowing. Place the end of the hose into the drain and make sure the end of the hose is down to let the water flow smoothly. When the continuous drain hose is not used, ensure that the drain plug and knob are installed firmly to prevent leakage.



3 Water Collection Tray Drainage

- When the water level of the bottom tray reaches a predetermined level, the unit beeps 8 times, the digital display area shows "P1". At this time the air conditioning/dehumidification process will immediately stop. However, the fan motor will continue to operate(this is normal).
- Carefully move the unit to a drain location, remove the bottom drain plug and let the water drain away. Reinstall the bottom drain plug and restart the machine until the "P1" symbol disappears. If the error repeats, call for service..



NOTE: Be sure to reinstall the bottom drain plug firmly to prevent leakage before using the unit.

Using the Remote Control

Model	R651H2(2)/CEPU1-M
Rated Voltage	3.0V (Dry batteries R03/LR03×2)
Signal Receiving Range	8m
Environment	23°F~140°F (-5°C~60°C)

Before you begin using your new air conditioner, make sure to familiarize yourself with the remote control. The following are brief instructions 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 temperature in 1°F (1°C) increments. Min. temperature is 60°F(16°C).

TEMP ▲
Increases temperature in 1°F (1°C) increments. Max. temperature is 86°F (30°C).

ON/OFF
Turns the unit on or off.

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

SHORT CUT
Sets and activates your favorite pre-settings.

SLEEP
Saves energy during sleeping hours.

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

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

LOCK
Press and hold the I SENSE & TIMER OFF buttons simultaneously for 5 seconds to lock the keyboard. Press and hold the two buttons for 2 seconds to unlock the keyboard.

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

TIMER ON
Sets timer to turn unit on (see pg. 22-23 for instructions).

TIMER OFF
Sets timer to turn unit off (see pg. 22-23 for instructions).

°C/°F
Sets the temperature display between C & F.

The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

Inserting and Replacing Batteries

- Your air conditioning unit may come with two batteries (some units). Put the batteries in the remote control before use.
- Slide the back cover from the remote control downward, exposing the battery compartment.
- Insert the batteries, paying attention to match up the (+) and (-) ends of the batteries with the symbols inside the battery compartment.
- Slide the battery cover back into place.

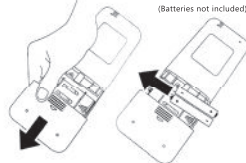
NOTE: For optimum product performance:

- 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.

NOTE: 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.



PRINTED IN MEXICO / SC: 01-09-2025
ELBRD:J.E. / TAB / SHNMDL: VAP05R1AWT_B
OBPN: 16120300A31132

8 1 4 1 0 0 3 4 7



NOTE: 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:
 - This device may not cause harmful interference, and
 - 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.

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.

Maintenance

SAFETY PRECAUTIONS

- Always unplug the unit before cleaning or servicing.
- DO NOT use flammable liquids or chemicals to clean the unit.
- DO NOT wash the unit under running water. Doing so causes electrical danger.
- DO NOT operate the machine if the power supply was damaged during cleaning. A damaged power cord must be replaced with a new cord from the manufacturer.

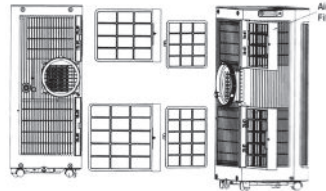
Care and Cleaning

AIR FILTER CLEANING

CAUTION: DO NOT operate the unit without filter because dirt and lint will clog it and reduce performance.

Maintenance Tips

- Be sure to clean the air filter every 2 weeks for optimal performance.
- The water collection tray should be drained immediately after P1 error occurs, and before storage to prevent mold.
- In households with animals, you will have to periodically wipe down the grill to prevent blocked airflow due to animal hair.



UNIT CLEANING

Clean the unit using a damp, lint-free cloth and mild detergent. Dry the unit with a dry, lint-free cloth.

STORE THE UNIT WHEN NOT IN USE

- Drain the unit's water collection tray according to the instructions.
- Run the appliance on FAN mode for 12 hours in a warm room to dry it and prevent mold.
- Turn off the appliance and unplug it.
- Clean the air filter according to the instructions in the previous section. Reinstall the clean, dry filter before storing.
- Remove the batteries from the remote control.

NOTE: Be sure to store the unit in a cool, dark place. Exposure to direct sunshine or extreme heat can shorten the lifespan of the unit.

NOTE: 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 cleansers, 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 unit.

Troubleshooting

Problem	Possible Causes	Solution
Unit does not turn on when pressing ON/OFF button	P1 Protection Code	The Water Collection Tray is full. Turn off the unit, drain the water from the Water Collection Tray and restart the unit.
	In COOL mode: room temperature is lower than the set temperature	Reset the temperature
	EO EEPROM error	Contact the manufacturer or its service agents or a similar qualified person for service.
Unit does not cool well	The air filter is blocked with dust or animal hair	Turn off the unit and clean the filter according to instructions
	Exhaust hose is not connected or is blocked	Turn off the unit, disconnect the hose, check for blockage and reconnect the hose
	The unit is low on refrigerant	Call a service technician to inspect the unit and top off refrigerant
	Temperature setting is too high	Decrease the set temperature
	The windows and doors in the room are open	Make sure all windows and doors are closed
The unit is noisy and vibrates too much	The room area is too large	Double-check the cooling area
	There are heat sources inside the room	Remove the heat sources if possible
	The ground is not level	Place the unit on a flat, level surface
The unit is noisy and vibrates too much	The air filter is blocked with dust or animal hair	Turn off the unit and clean the filter according to instructions
	This sound is caused by the flow of refrigerant inside the unit	This is normal