

SerenLife



SLINV12CPD - SLINV12CHPD
SLINV14CPD - SLINV10CHPD
SLINV16CHPD

inverter portable
air conditioner

user manual

visit our website



SCAN ME

serenlifehome.com

PLEASE KEEP THIS MANUAL CAREFULLY FOR FUTURE
REFERENCE. FOR HOUSEHOLD USE ONLY.

TABLE OF CONTENTS

FEATURES AND TECHNICAL SPECS ----- 3

IMPORTANT SAFEGUARDS ----- 5

GENERAL INSTRUCTIONS ----- 12

DESCRIPTION ----- 19

INSTALLATION INSTRUCTIONS ----- 21

DESCRIPTION OF THE DISPLAY SCREEN AND CONTROL PANEL ----- 25

TIPS FOR CORRECT USE ----- 35

CLEANING ----- 38

TROUBLESHOOTING ----- 40

REGISTER PRODUCT ----- 41

**WARNING:**

This product may expose you to chemicals, which is known to the state of California to cause cancer, birth defects and other reproductive harm. Do not ingest.

For more info go to: www.P65warnings.ca.gov



Unique Elements:

- Dual Hose Exhaust System
- Fast Cooling Performance
- Quiet Operation Powered by an Inverter Motor
- DC Inverter Technology

Features: * Lightweight & Portable AC Unit

- Compact Freestanding Room Air Conditioner
- **Operation Modes:**
 - **SLINV12CPD/SLINV14CPD:**
(3) Modes: AC Cooling/Dehumidifier/Fan
 - **SLINV10CHPD/SLINV12CHPD/SLINV16CHPD:** (4) Modes: AC Cooling/Heating/Dehumidifier/Fan
- Hassle-Free, Quick Setup Cooling (and Heating on select models)
- Simple, Plug and Play Operation
- Smart Wi-Fi Control via SereneLife App
- Adjustable Temperature Control with Air Circulation Function
- Automatic Swing Mode with Adjustable Air Vents for Improved Circulation
- Feather-Touch Sensitive Control Panel with Digital LED Display
- Adjustable Time, Temperature, and Fan Speed Settings
- Includes Dual-hose Window Installation Kit for Quick Setup with Standard Windows
- Removable, Washable Air Filter for Easy Maintenance
- Sleek, Modern Design with Durable Body Housing
- Energy-efficient Design with Low Power Consumption
- Low Noise Motor (42-50 dBA)
- Rolling Wheels for Easy Portability
- Ideal for Home, Office, or Business Use

What's in the Box:

- Portable AC Unit
- (2) Exhaust Hoses
- (2) 1.5V AAA Batteries
- (2) Hose Connectors
- Drain Pipe
- Window Installation Plate
- Remote Control
- (2) Window Foam Seals (Adhesive)
- Window Foam Seal (Non-adhesive)

Technical Specs:

- Construction Material: HIPS (Housing)
- Special Features: Dehumidifier
- Installation Type: Cabinet
- Controller Type: Remote Control

- Power Supply: 115V/60Hz
- Refrigerant Type: R32
- Water Tank Capacity: 0.8 Liters
- Fan Speed Settings: Low/Medium/High
- Adjustable Timer Settings: Up to 24 Hours
- Battery Operated Remote Control: Requires (2) x 'AAA' Batteries (Included)
- Net Weight of Batteries: 0.03 lbs.
- Drain Pipe Length: 3.3 ft.
- Exhaust Hose Length: 4.9 ft.
- Power Cable Length: 4.9 ft.
- Product Dimension (L x W x H): 14.06" x 16.5" x 27.09" -inches
- Cooling Setting Temperature: 64°F - 95°F (18°C - 35°C)
- Heating Setting Temperature:
 - SLINV12CHPD & SLINV16CHPD: 0°F - 77°F (10°C - 25°C)
 - SLINV10CHPD: 55°F - 81°F (13°C - 27°C)
- **Power Output:**
 - SLINV12CPD / SLINV12CHPD: 1000 Watts
 - SLINV10CHPD / SLINV14CPD: 1030 Watts
 - SLINV16CHPD: 1350 Watts
- **Cooling Capacity (ASHRAE):**
 - SLINV12CPD / SLINV12CHPD: 12,000 BTU/h
 - SLINV10CHPD / SLINV14CPD: 14,000 BTU/h
 - SLINV16CHPD: 16,000 BTU/h
- **Air Flow:**
 - SLINV12CPD / SLINV12CHPD / SLINV14CPD: 370 Cubic Meters / Hour
 - SLINV10CHPD / SLINV16CHPD: 420 Cubic Meters / Hour
- **Moisture Removal / Dehumidifier:**
 - SLINV12CPD / SLINV12CHPD: 1.3 Liters / Hour
 - SLINV10CHPD / SLINV14CPD: 1.6 Liters / Hour
 - SLINV16CHPD: 1.9 Liters / Hour
- **Operating Noise Level:**
 - SLINV12CPD / SLINV12CHPD: 44-49 dBA
 - SLINV14CPD: 42-50 dBA
 - SLINV16CHPD: 42-49 dBA
 - SLINV10CHPD: 53-43 dBA
- **Item Weight:**
 - SLINV12CPD: 51.0 lbs.
 - SLINV12CHPD: 49.0 lbs.
 - SLINV14CPD: 50.8 lbs.
 - SLINV10CHPD: 52.8 lbs.
 - SLINV16CHPD: 57.2 lbs.

Please read this user manual carefully before use. If you have any questions, please contact professional service for assistance.

IMPORTANT SAFEGUARDS

- This appliance is for household use only.
- Disconnect the appliance from its power source during service, when replacing parts, and while cleaning.
- **Note:** Check the nameplate for the type of refrigerant gas used in your appliance.
- Specific information regarding appliances with refrigerant gas:
- Do not pierce the cooling circuit of the machine. At the end of its useful life, deliver the appliance to a special waste collection center for disposal.
- GWP (Global Warming Potential): R410A: 2088, R134a: 1430, R290: 3, R32: 675.
- This hermetically sealed system contains fluoridated greenhouse gases (R410A/R134a/R32).
- **Environmental Information:** This unit contains fluoridated greenhouse gases covered by the Kyoto Protocol.
- Use this unit only as described in this instruction manual.
- Ensure the plug is firmly and completely inserted into the outlet to reduce the risk of electric shock or fire.
- Do not plug other appliances into the same outlet to avoid the risk of electric shock.
- Do not disassemble or modify the appliance or the power cord. This can cause electric shock or fire. Refer all other services to a qualified technician.
- Do not place the power cord or appliance near heaters, radiators, or other heat sources to avoid electric shock or fire.
- This unit has a cord with an earthed wire connected to an earthed pin or grounding tab. The plug must be inserted into a properly installed and earthed socket. Do not cut or remove the earthed pin or grounding tab from the plug under any circumstances.
- Store and use the unit in a manner protected from moisture (e.g., condensation, splashed water). Unplug the unit immediately if moisture occurs.
- Always transport your appliance in a vertical position and place it on a stable, level surface during use. If the unit is transported on its side, let it stand upright and unplugged for 6 hours before use.

- Use the control panel or remote control to turn the unit on and off.
Do not start or stop operation by plugging in or unplugging the power cord to avoid electric shock.
- Do not use hazardous chemicals for cleaning or allow them to contact the unit.
To prevent damage to the surface finish, use only a soft cloth for cleaning.
Avoid wax, thinner, or strong detergents.
- Do not use the unit in the presence of flammable substances or vapors (e.g., alcohol, insecticides, gasoline).
- If the appliance makes unusual sounds, emits smoke, or produces an unusual odor, unplug it immediately.
- Do not clean the unit with water. If water enters the unit, unplug it immediately and contact Customer Service.
- Use two or more people to lift and install the unit.
- Always grasp the plug when plugging in or unplugging the appliance.
Never unplug by pulling on the cord to avoid electric shock and damage.
- Install the appliance on a sturdy, level floor capable of supporting up to 110 lbs (50 kg). Weak or uneven flooring can result in property damage or injury.
- Fuse specifications: T, 250V AC, 3.15A.

WARNING

1. 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 supervised or instructed by a person responsible for their safety.
2. Children should be supervised to ensure they do not play with the appliance.
3. If the supply cord is damaged, it must be replaced by the manufacturer, service agent, or qualified personnel to avoid hazards.
4. The appliance must be installed in accordance with national wiring regulations.
5. Do not use methods to accelerate defrosting or cleaning other than those recommended by the manufacturer.
6. Store the appliance in a room without continuous ignition sources (e.g., open flames, operating gas appliances, or heaters).
7. Do not pierce or burn the appliance.
8. Refrigerants may not contain an odor; handle with care.

CAUTION

- The handling, installation, storage, servicing, and disposal must comply with national gas-related laws and regulations, as well as national wiring regulations.
- Refrigerant must be cleared from the system when maintaining or scrapping the appliance.
- Ensure the working area is open or well-ventilated before turning on the system or performing hot work. Maintain ventilation during operation to safely dilute and displace any leaked refrigerant.
- This appliance uses flammable refrigerant R32. Follow the instructions carefully to handle, install, clean, and service the appliance to avoid damage or hazard. Do not dispose of the appliance with regular trash. Contact a qualified agency for proper disposal.
- Servicing should only be performed as recommended by the manufacturer.

DANGER



Risk of Fire or Explosion

- Flammable Refrigerant Used. Repairs must be performed only by trained service personnel. Do not puncture refrigerant tubing.
- Dispose of the appliance properly in accordance with federal or local regulations. Flammable refrigerant is used.
- Consult the repair manual or owner's guide before attempting to service this product. All safety precautions must be followed.
- Risk of Fire or Explosion due to Flammable Refrigerant. Follow handling instructions carefully in compliance with national regulations.

When using electrical appliances, basic safety precautions should always be followed:

- DO NOT touch the appliance or the electrical plug with wet hands.
- Check the household voltage to ensure it matches the appliance's specifications.
- Before operating, remove all packaging material and check for any damage that may have occurred during shipping.
- DO NOT operate any product with a damaged cord or plug.
- DO NOT use an extension cord with this appliance.
- DO NOT run the power cord under carpeting, or cover it with rugs or runners. Keep the cord away from areas where it may be tripped over.
- Always power off and unplug the appliance before emptying the water tank.
- The water collected in the tank must be discarded.

It should never be used for drinking.

- Always unplug the appliance and remove the water from the water tank before cleaning, servicing, or relocating the unit.
- Remove the power cord from the electrical receptacle by grasping and pulling on the power cord plug-end only. Never pull the cord.
- This appliance has been manufactured for use in domestic environments and must not be used for other purposes.
- DO NOT use the product in areas where gasoline, paint, or other flammable goods and objects are used or stored.

- This appliance is designed for indoor residential applications only.

It should not be used for commercial or industrial applications.

- DO NOT attempt to repair or adjust any electrical or mechanical functions of the appliance as this may cause danger and void the warranty.
- DO NOT cover the air inlet or outlet on the appliance, as this may cause the unit to fail.
- DO NOT insert or allow objects to enter any ventilation or exhaust opening, as this may damage the product and could cause electrical shock or fire.
- DO NOT let children play with this appliance, packaging, or included plastic bag.
- If the unit is damaged or malfunctions, do not continue to operate it.

Unplug the product from the electrical outlet. Refer to the troubleshooting section and contact the customer support center.

- Always place the appliance on a level floor.
- Never install the product near a bathtub or any water container.
- Store in a dry area, away from direct sunlight, when not in use.

- This appliance and its packaging materials are not intended for use by persons (including children or the elderly) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructions concerning the use of the appliance by a person responsible for their safety.
- Always grip the top handle and keep the unit upright when transporting it from room to room. DO NOT tilt the product on its side or upside down.
- If the appliance was transported tilted on its side, you must position it upright again and wait at least 6 hours before using it.
- **WARNING:** To reduce the risk of fire or electric shock, do not use this appliance with any solid-state speed control device.
- Keep any required ventilation openings clear of obstruction.

Information for Qualification of Workers

All operators or refrigeration system maintenance personnel shall have a valid certificate issued by an industry-recognized evaluation body to certify that they are qualified for the safe disposal of refrigerant agents as recognized by the industry.

- Maintain and repair the equipment only in accordance with the method recommended by the equipment manufacturer. If other professionals are required to assist in the maintenance and repair of equipment, do so under the supervision of personnel qualified to use combustible refrigerants.

HH.1 General

Information on procedures additional to the usual information for refrigerating appliance installation, repair, maintenance, and decommission procedures is required when an appliance with FLAMMABLE REFRIGERANTS is affected.

The training for these procedures is carried out by national training organizations or manufacturers accredited to teach the relevant national competency standards that may be set in legislation. The achieved competence should be documented by a certificate.

HH.2 Information and Training

- HH.2.1 The training should include the substance of the following:
- HH.2.2 Information about the explosion potential of FLAMMABLE REFRIGERANTS to show that flammables may be dangerous when handled without care.
- HH.2.3 Information about POTENTIAL IGNITION SOURCES, especially those that are not obvious, such as lighters, light switches, vacuum cleaners, electric heaters.

- HH.2.4 Information about the different safety concepts:
 - Unventilated: Safety of the appliance does not depend on the ventilation of the housing. Switching off the appliance or opening the housing has no significant effect on safety. Nevertheless, leaking refrigerant may accumulate inside the enclosure, and a flammable atmosphere will be released when the enclosure is opened.
 - Ventilated Enclosure: Safety of the appliance depends on ventilation of the housing. Switching off the appliance or opening the enclosure has a significant effect on safety. Care should be taken to ensure sufficient ventilation before opening.
 - Ventilated Room: Safety of the appliance depends on the ventilation of the room. Switching off the appliance or opening the housing has no significant effect on safety. The room's ventilation shall not be switched off during repair procedures.
- HH.2.5 Information about refrigerant detectors:
 - Principle of function, including influences on operation.
 - Procedures for safely repairing, checking, or replacing a refrigerant detector or its parts.
 - Procedures for disabling a refrigerant detector during repair work on refrigerant-carrying parts.
- HH.2.6 Information about the concept of sealed components and sealed enclosures according to IEC 60079-15:2010.

a. Commissioning

- Ensure that the floor area is sufficient for the REFRIGERANT CHARGE or that the ventilation duct is assembled correctly.
- Connect the pipes and carry out a leak test before charging with refrigerant.
- Check safety equipment before putting into service.

b. Maintenance

- Portable equipment shall be repaired outside or in a workshop specially equipped for servicing units with FLAMMABLE REFRIGERANTS.
- Ensure sufficient ventilation at the repair place.
- Be aware that malfunction of the equipment may be caused by refrigerant loss, and a refrigerant leak is possible.
- Discharge capacitors in a way that won't cause sparks. The standard procedure to short-circuit the capacitor terminals usually creates sparks.
- Reassemble sealed enclosures accurately. If seals are worn, replace them.
- Check safety equipment before putting into service.

c. Repair

- Portable equipment shall be repaired outside or in a workshop specially equipped for servicing units with FLAMMABLE REFRIGERANTS.
- Ensure sufficient ventilation at the repair place.
- Be aware that malfunction of the equipment may be caused by refrigerant loss, and a refrigerant leak is possible.
- Discharge capacitors in a way that won't cause sparks.
- When brazing is required, the following procedures shall be carried out in the following order:
 - Safely remove the refrigerant following local and national regulations.
If recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant does not cause any danger.
In doubt, one person should guard the outlet. Special care should be taken to ensure that drained refrigerant will not float back into the building.
 - Purge the refrigerant circuit with oxygen-free nitrogen.
 - Evacuate the refrigerant circuit.
 - Purge the refrigerant circuit with nitrogen for 5 minutes (not required for A2L refrigerants).
 - Evacuate again (not required for A2L refrigerants).
 - Remove parts to be replaced by cutting or brazing.
 - Purge the brazed points with nitrogen during the brazing procedure.
 - Carry out a leak test before charging with refrigerant.
- Reassemble sealed enclosures accurately. If seals are worn, replace them.
- Check safety equipment before putting into service.

d. Decommissioning

- If safety is affected when the equipment is put out of service, the REFRIGERANT CHARGE shall be removed before decommissioning.
- Ensure sufficient ventilation at the equipment location.
- Be aware that malfunction of the equipment may be caused by refrigerant loss, and a refrigerant leak is possible.
- Discharge capacitors in a way that won't cause sparks.
- Remove the refrigerant. If recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant does not cause any danger. In doubt, one person should guard the outlet.
Special care should be taken to ensure that drained refrigerant will not float back into the building.

- When FLAMMABLE REFRIGERANTS, except A2L REFRIGERANTS, are used:
 - Evacuate the refrigerant circuit.
 - Purge the refrigerant circuit with nitrogen for 5 minutes.
 - Evacuate again.
 - Fill with nitrogen up to atmospheric pressure.
 - Put a label on the equipment indicating that the refrigerant has been removed.

e. Disposal

- Ensure sufficient ventilation at the working place.
- Remove the refrigerant. If recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant does not cause any danger. In doubt, one person should guard the outlet. Special care should be taken to ensure that drained refrigerant will not float back into the building.
- When flammable refrigerants are used:
 - Evacuate the refrigerant circuit.
 - Purge the refrigerant circuit with oxygen-free nitrogen.
 - Evacuate again (not required for A2L refrigerants).
 - Cut out the compressor and drain the oil.

GENERAL INSTRUCTIONS

1.1 Checks to the Area: Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. For repairs to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

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

1.3 General Work Area: All maintenance staff and others working in the local area shall be instructed on the nature of the 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 controlling flammable materials.

1.4 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.

1.5 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 readily available. Have a dry powder or CO2 fire extinguisher adjacent to the charging area.

1.6 No Ignition Sources: No person carrying out work in relation to a refrigeration system, which involves exposing any pipework 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, repair, removal, 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.

1.7 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. Ventilation shall continue during the period the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

1.8 Checks to the Refrigeration Equipment: Where electrical components are being changed, they shall be fit for the purpose and meet 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.
- Markings on the equipment continue to be visible and legible.
Markings and signs that are illegible shall be corrected.
- Refrigeration pipes or components are installed in positions where they are unlikely to be exposed to substances that may corrode refrigerant-containing components, unless the components are constructed of materials inherently resistant to corrosion or are suitably protected against corrosion.

1.9 Checks to Electrical Devices:

Repair and maintenance of electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, no electrical supply shall be connected to the circuit until it is satisfactorily resolved. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used and reported to the owner of the equipment so all parties are advised.

Initial safety checks shall include:

- Ensuring that capacitors are discharged in a safe manner to avoid the possibility of sparking.
- Confirming that no live electrical components or wiring are exposed while charging, recovering, or purging the system.
- Verifying the continuity of earth bonding.

REPAIRS TO SEALED COMPONENTS

Sealed electrical components shall be replaced.

REPAIR TO INTRINSICALLY SAFE COMPONENTS

Intrinsically safe components must be replaced.

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. The following leak detection methods are deemed acceptable for all refrigerant systems:

- Electronic leak detectors may be used to detect refrigerant leaks but, in the case of FLAMMABLE REFRIGERANTS, 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 also 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.

NOTE: Examples of leak detection fluids are:

- Bubble method.
- Fluorescent method agents.

If a leak is suspected, all naked flames shall be removed or extinguished.

If a leakage of refrigerant is found that requires brazing, all of the refrigerant shall be recovered from the system or isolated (by means of shut-off valves) in a part of the system remote from the leak. Removal of refrigerant shall be performed according to the removal and evacuation procedures.

REMOVAL AND EVACUATION

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

- a. Safely remove refrigerant following local and national regulations.
- b. Purge the circuit with inert gas.
- c. Evacuate (optional for A2L).
- d. Purge with inert gas (optional for A2L).
- e. Open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders if venting is not allowed by local and national codes. For appliances containing flammable refrigerants, the system shall be purged with oxygen-free nitrogen to render the appliance safe for flammable refrigerants. This process might need to be repeated several times. Compressed air or oxygen shall not be used for purging refrigerant systems.

For appliances containing flammable refrigerants, refrigerant purging shall be achieved by breaking the vacuum in the system with oxygen-free nitrogen and continuing to fill until the working pressure is achieved, then venting to the atmosphere, and finally pulling down to a vacuum (optional for A2L).

This process shall be repeated until no refrigerant is within the system (optional for A2L). When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.

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

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 grounded 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 oxygen-free nitrogen (OFN). The system shall be leak tested on completion of charging but prior to commissioning. A follow-up leak test shall be carried out before leaving the site.

DECOMMISSIONING

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its details. 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 before 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 the 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 the 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 the cylinder is situated on the scales before recovery takes place.
- g. Start the recovery machine and operate it in accordance with the manufacturer's instructions.
- h. Do not overfill cylinders (no more than 80% of the volume for 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, ensure that the cylinders and the equipment are removed from the 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.

LABELLING

Equipment 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 that the equipment contains flammable refrigerant.

Recovery

1. Use Appropriate Cylinders:

- Ensure that only designated refrigerant recovery cylinders are used, each clearly labeled for the refrigerant type.
- Cylinders should include a pressure relief valve and shut-off valves in good working order.
- Keep empty cylinders evacuated and, if possible, cooled before starting the recovery process.

2. Recovery Equipment:

- Use recovery equipment that is in good working order, with clear manufacturer instructions available.
- Ensure the equipment is suitable for handling flammable refrigerants.
- A set of calibrated weighing scales and leak-free disconnect couplings should be available and in good condition.

3. Cylinders and Refrigerant Processing:

- Ensure the correct number of cylinders are available to hold the total system charge.
- The recovered refrigerant must be processed according to local regulations in the appropriate recovery cylinder.
- Do not mix refrigerants in recovery cylinders or units.

4. Compressor and Oil Removal:

- If compressors or oils need to be removed, ensure the refrigerant is evacuated to an acceptable level.
- Never heat the compressor body with an open flame or other ignition sources to speed up this process.
- Oil draining must be done safely to prevent hazards.

Save these instructions for future reference.

DESCRIPTION

1. Control Panel

2. Handle (both sides)

3. Castors

4. Deflector

5. Remote Control Receiver

6. Intake Grille
7. Air Outlet Grille

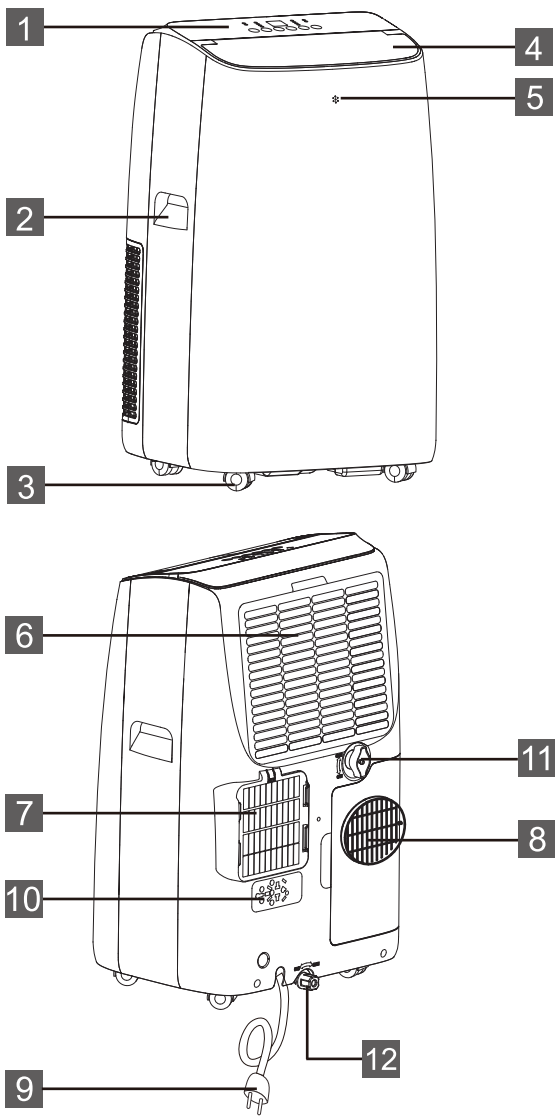
8. Intake Grille (duplicate entry)

9. Power Cable

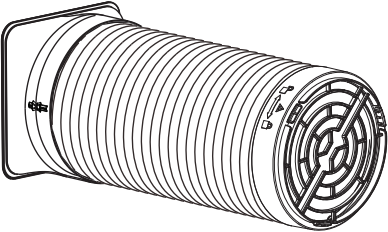
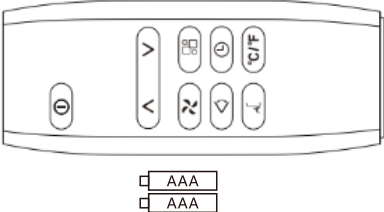
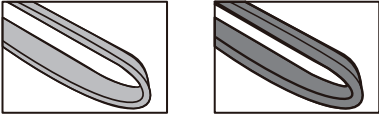
10. Plug Fixer

11. Middle Drainage

12. Condenser Drain



ACCESSORIES

Parts	Parts Name	Quantity
	Hose inlet Exhaust hose Hose outlet	2 sets
	Window slider kit	2 sets
	Remote Control Battery	1 set
	Drainage hose	1 set (Internal Diameter: 1/2" or 12.7mm)
	Seal foam	1 set

Note: All illustrations in this manual are for explanatory purposes only.
Your appliance may vary slightly. Be sure all accessories are removed from the packing before use.

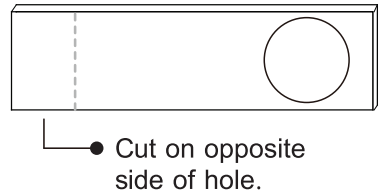


INSTALLATION INSTRUCTIONS

1. Window Slider Kit Installation

The window slider kit is designed to fit most standard vertical and horizontal window applications. However, modifications may be necessary for certain window types.

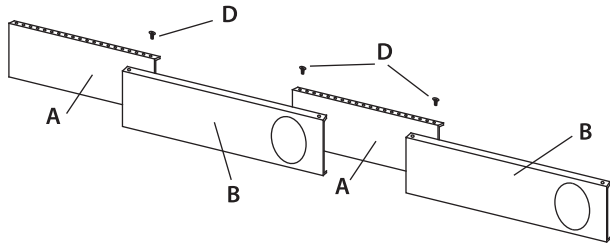
The window slider kit can be fastened with screws.



Note: If the window opening is smaller than the minimum length of the window slider kit, cut the end without the hole to fit the window opening. Never cut out the hole in the window slider kit.

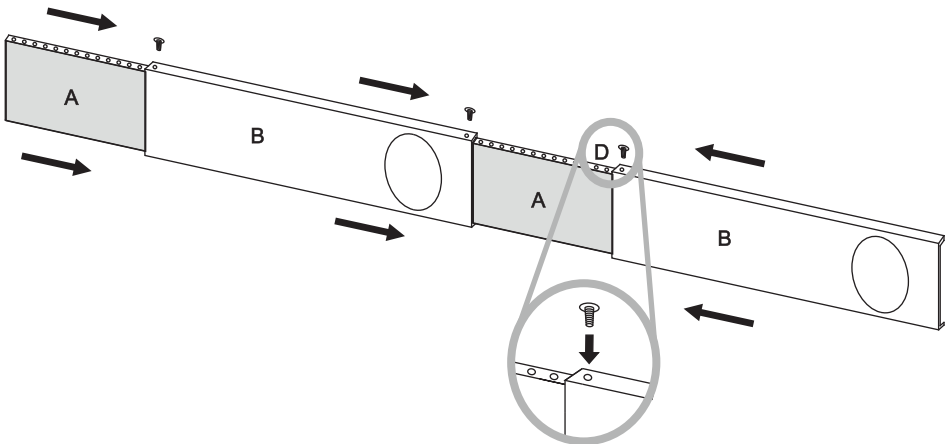
1.1 – Parts:

- A. Panel
- B. Panel with One Hole
- C. Screw/Pin



1.2 – Assembly:

Slide Panel B into Panel A and adjust the size to the width of the window. As window sizes vary, ensure the window kit assembly fits snugly without gaps or air pockets during measurement.

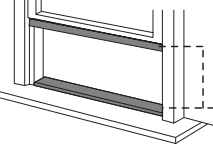
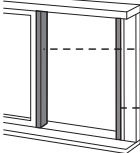
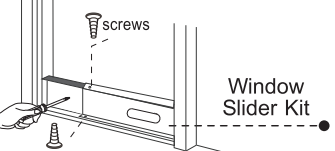
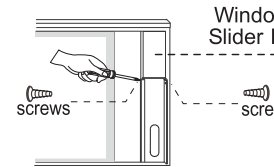
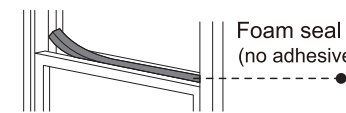
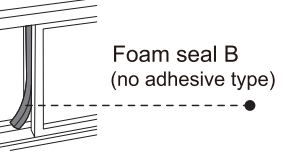
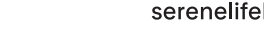


1.3 – Lock the Screw/Pin:

Insert the screw/pin into the corresponding holes to lock the panels together. Ensure the window slider kit assembly is secure and gap-free when installed.

Foam Seal Installation Guide

For Double-Hung Sash / Sliding Sash Windows:

DOUBLE-HUNG SASH WINDOW	SLIDING SASH WINDOW
 Foam seal A (adhesive type)	 Foam seal A (adhesive type)
1. Open the window and cut the adhesive foam seal to the appropriate length. Attach it to the inside of the window.	
 Window Slider Kit Cut on opposite side of hole.	 Window Slider Kit
2. Attach the window slider kit to the window sash. Adjust the length of the slider kit according to the width of the window. If necessary, mark and cut one end of the kit to fit the window properly.	
 screws Window Slider Kit	 Window Slider Kit screws screws
3. Secure the window kit by using screws to hold it in place.	
 Window Slider Kit	 Window Slider Kit
4. Close the window securely against the window slider kit.	
Foam seal B (no adhesive type)	Foam seal B (no adhesive type)
5. Cut the foam seal (non-adhesive type) to fit and seal any gaps between the top window frame and outer window frame.	

EXHAUSTING HOT AIR

When using the appliance in Cool Mode, the hot air from the condenser must be exhausted completely out of the room. Follow the steps below to ensure proper setup:

1. Position the Unit:

- Place the unit on a flat, level floor.
- Ensure a minimum clearance of 18 inches (45 cm) around the unit for proper air circulation.
- Position the unit near a properly grounded power outlet.

2. Installation Steps:

- 1.1 Install the hose inlet into the unit.

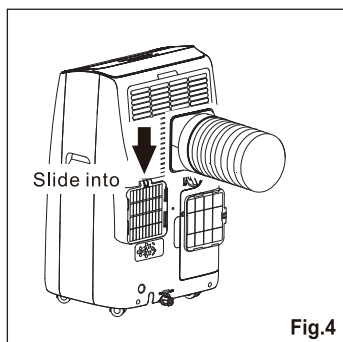


Fig.4

- 1.2 Attach the exhaust hose to the hose inlet.

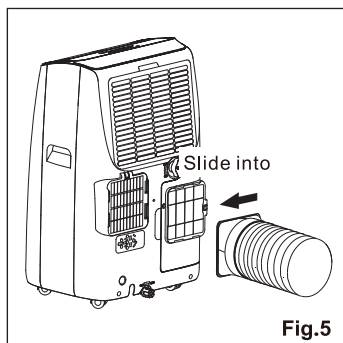
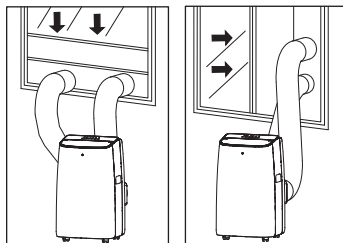


Fig.5

- 1.3 Affix the hose outlet into the window slider kit and seal the connection securely.



LOCATION

Follow these guidelines to ensure the unit is positioned safely and operates efficiently:

Firm Foundation:

Place the unit on a firm surface to minimize noise and vibration.

Ensure the floor is smooth, level, and strong enough to support the unit's weight.

Using Casters:

The unit is equipped with casters for easy movement.

- Roll only on smooth, flat surfaces.
- Be cautious when moving over carpeted surfaces.
- Protect wood floors during movement and avoid rolling the unit over objects.

Proximity to Power Outlet:

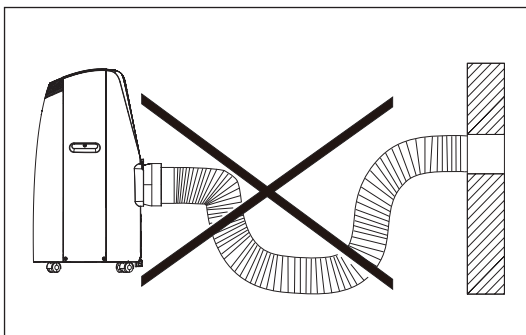
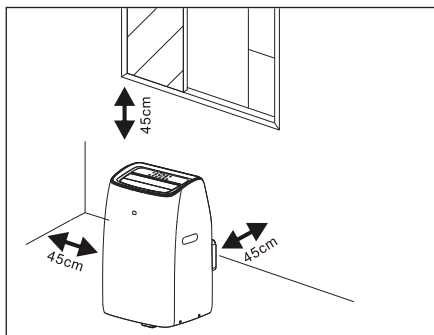
Place the unit within reach of a properly rated and grounded electrical outlet.

Unobstructed Airflow:

- Keep the area around the air inlet and outlet clear of obstacles.
- Allow at least 18 inches (45 cm) of space around and above the unit for efficient operation.

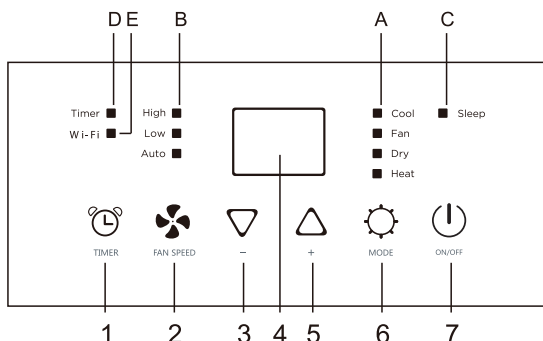
Exhaust Hose Positioning:

- While the hose can be extended, keep its length to the minimum required for effective air exhaust.
- Ensure the hose remains free of sharp bends, kinks, or sags that could restrict airflow.



DESCRIPTION OF THE DISPLAY SCREEN AND CONTROL PANEL

1. Timer Button
2. Fan Speed Button
3. Decrease Button
4. Display Screen
5. Increase Button
6. MODE Button
7. ON/OFF Button



Display Symbols

- Mode Symbol:** This includes Cool, Heat, and Fan modes.
(Heat symbol is only available on heat pump models.)
- Fan Speed Symbol:** Displays selected fan speed.
- Sleep Symbol:** Indicates Sleep Mode is active.
- Timer Symbol:** Indicates the Timer is active.
- Wi-Fi Symbol:** Only available on Wi-Fi models. Follow the Wi-Fi manual to connect the appliance to your phone. When successfully connected, the Wi-Fi symbol will light up.
- UV Symbol:** Available only on models equipped with UV functionality.

TURNING THE APPLIANCE ON

1. Plug the appliance into a properly grounded mains socket.
The unit will enter standby mode.
2. Press the ON/OFF  button to turn the appliance on.
The last active function before turning off will resume automatically.



COOL MODE

This mode is ideal for hot and humid weather when cooling and dehumidification are needed.



To set Cool Mode:

1. Press the  button until the "Cool" symbol appears on the display.
2. Select the target temperature (64°F–90°F/18°C–32°C) using the  or  buttons.
3. Adjust the fan speed by pressing the  button: High / Medium / Low / Auto.

Recommendation:

- The optimal room temperature in summer is 75°F–81°F (24°C–27°C).
- Avoid setting the temperature much lower than the outdoor temperature.

Note: The difference in fan speed is more noticeable in Fan Mode but may not be as prominent in Cool Mode.

HEAT MODE (Heat Pump Models Only)



This mode is suitable for cold weather to heat the room.

To set Heat Mode:

1. Press the  button until the "Heat" symbol appears on the display.
2. Select the target temperature (55°F–81°F/13°C–27°C) using the  or  buttons.
3. Adjust the fan speed by pressing the  button: High / Medium / Low / Auto.

Additional Notes for Heat Mode:

- Water removed from the air is collected in the tank.
- If the tank becomes full, the appliance will shut down, and the "F L" indicator will appear on the display.
 - To empty the tank, remove the tank cap and drain the water into a basin.
 - Once the tank is empty, replace the cap and resume operation.
- In very cold conditions, the appliance will automatically defrost, temporarily interrupting normal operation.
 - During defrosting, you may notice a change in the appliance's noise.
 - The fan may occasionally operate briefly, even after the set temperature is reached.
 - It may take a few minutes for the appliance to start producing warm air.

FAN MODE

This mode circulates air within the room without cooling or heating.
The air hose does not need to be attached when using this mode.

To set Fan Mode:

1. Press the  button repeatedly until the "Fan" symbol appears on the display.
2. Select the desired fan speed (High/Medium/Low) by pressing the  button.

Fan Speed Display:

- **High:** Fan operates at maximum speed.
- **Medium:** Fan operates at medium speed.
- **Low:** Fan operates at minimum speed.

		
High	Medium	Low



DRY MODE

This mode is ideal for reducing humidity in the room, such as during spring, autumn, or damp/rainy periods.



To set Dry Mode:

1. Prepare the appliance as for Cool Mode:

Attach the air exhaust hose to discharge moisture outside the room.

2. Press the button repeatedly until the "Dry" symbol appears on the display.

The screen will display the Dry Mode icon ("dh").

3. The fan speed is automatically set by the appliance in this mode and cannot be adjusted manually.

SMART MODE

This mode automatically selects the optimal operation mode (Cool, Fan, or Heat*) based on the room's temperature and conditions.

To Set SMART Mode Correctly

1. Press the button repeatedly until the display screen matches the corresponding symbol for Smart Mode.



2. Select the desired fan speed by pressing the button:

High/Medium/Low/Auto.

Operation Based on Room Temperature

Cooling-Only Models:

- Fan Mode: When the room temperature is below 23°C (73°F).
- Cool Mode: When the room temperature is above 23°C (73°F).

Cooling and Heating Models:

- Heat Mode: When the room temperature is below 20°C (68°F).
- Fan Mode: When the room temperature is between 20°C (68°F) and 23°C (73°F).
- Cool Mode: When the room temperature is above 23°C (73°F).

SETTING THE TIMER

The timer function allows you to delay the appliance's start-up or shutdown to optimize energy usage and operating times.

Programming Start-Up:

1. Turn on the appliance and set your desired mode, temperature, and fan speed (e.g., Cool Mode, 24°C (75°F), High Fan Speed).
2. Turn off the appliance.
3. Press the  button. The "Timer" symbol and the number of hours will flash on the display.
4. Use the  or  button to select the desired start-up time in hours.
5. Wait approximately 5 seconds. The timer will activate, and the "" symbol will remain lit.
6. To cancel the timer, press the  or  button again or adjust the time using the  or  buttons until the timer symbol disappears.

Programming Shut-Down:

1. When the appliance is running, press the Timer button. The "" symbol and the number of hours will flash on the display.
2. Use the  or  button to select the desired shut-down time in hours.
3. Wait approximately 5 seconds. The timer will activate, and the "" symbol will remain lit.
4. To cancel the timer, press the  button again or adjust the time using the  or  buttons until the timer symbol disappears.

Switching the Temperature Unit

When the appliance is running, you can switch between Fahrenheit and Celsius by following these steps:

1. Press and hold the Increase  and Decrease  buttons together for 3 seconds.
2. The temperature unit will change.



Fig.1



Fig.2

Example:

- Before switching: In Cool Mode, the display screen shows as in Fig. 1 (e.g., 24°C).
- After switching: In Cool Mode, the display screen shows as in Fig. 2 (e.g., 75°F).

Self-Diagnosis System

The appliance is equipped with a self-diagnosis system that identifies and displays various malfunctions. When an issue occurs, protection codes will appear on the display.

Protection Codes and Actions

Code	What to Do
 FULL TANK (safety tank full)	Empty the internal safety tank, following the instructions in the "End of Season Operations" section.

Note: If any other codes are displayed that are not listed above, please contact the service center for assistance.

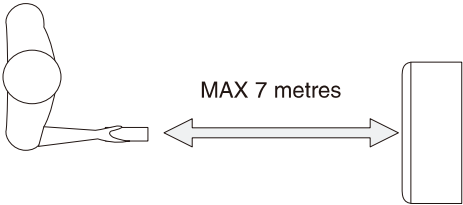
Remote Control Instructions

Button Functions

		On/Off button		Fan speed button
		Increase button		Mode button
		Decrease button		Swing button
		Timer button		Sleep button
		Unit Switch button		

Usage Tips

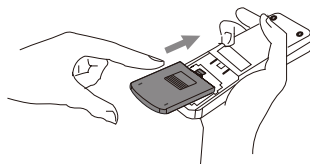
- Point the remote control at the receiver on the appliance.
- Ensure no obstacles are between the remote control and the receiver.
- The remote control works within a range of 7 meters (23 feet) from the appliance.



- Handle the remote control with care: avoid dropping it or exposing it to heat or direct sunlight.
- If the remote control stops working, remove the batteries, reinsert them, or replace them if necessary.

Inserting or Replacing the Batteries

- Remove the cover on the back of the remote control.
- Insert two "AAA" 1.5V batteries, ensuring they are placed in the correct position (refer to the markings inside the battery compartment).



Important Notes:

- Always dispose of batteries in accordance with local environmental regulations, as they can be harmful to the environment.
- Do not mix old and new batteries or different types of batteries (alkaline, standard, or rechargeable).
- Avoid disposing of batteries in fire, as they may explode or leak.
- If the remote control will not be used for an extended period, remove the batteries to prevent leakage.

COOL Mode

Ideal for hot and muggy weather when you need to cool and dehumidify the room.



To set this mode correctly:

1. Press the "❏" button repeatedly until the "Cool" symbol lights up.
2. Select the target temperature 18°C–32°C (64°F–90°F) by pressing the "▲" or "▼" button until the desired value is displayed.
3. Select the desired fan speed by pressing the "⚙️" button to cycle through the options: High / Medium / Low / Auto.

Note:

- The most comfortable room temperature during summer typically ranges from 24°C to 27°C (75°F to 81°F).
- It is recommended to avoid setting the temperature significantly lower than the outdoor temperature.
- Differences in fan speed are more noticeable in Fan Mode than in Cool Mode.

HEAT Mode

Note: This feature is available only in heat pump models.



To set this mode correctly:

1. Press the “” button repeatedly until the “Heat” symbol appears.
2. Select the target temperature 13°C–27°C (55°F–81°F) by pressing the “^” or “v” button until the desired value is displayed.
3. Select the desired fan speed by pressing the “” button to cycle through the options: High / Medium / Low / Auto.

Additional Notes for HEAT Mode:

- Water is removed from the air and collected in the tank. When the tank is full, the appliance will shut down, and the “ F  ” (full tank) symbol will appear on the display.
- **To empty the tank:**
 1. Remove the tank cap and empty the water into a basin.
 2. Ensure all remaining water is drained before replacing the cap.
 3. Once emptied, the appliance will automatically restart.

Important Tips:

- If operating in very cold rooms, the appliance will automatically defrost, temporarily pausing normal operation. This may cause the sound of the appliance to change.
- After switching to Heat Mode, there may be a short delay before the appliance begins producing hot air.
- Even after the set temperature is reached, the fan may operate intermittently.

FAN Mode

In this mode, the air hose does not need to be attached.

To set this mode correctly:

1. Press the “” button repeatedly until the “Fan” symbol appears on the display.
2. Select the desired fan speed by pressing the “” button to cycle through the available options: High / Medium / Low.

DRY Mode

Ideal for reducing room humidity, such as in spring, autumn, damp rooms, or during rainy periods.



To prepare and set this mode correctly:

1. Prepare the appliance as you would for Cool Mode, ensuring the air exhaust hose is attached to allow moisture to discharge outside.
2. Press the “” button repeatedly until the “Dry” symbol appears on the display.
3. **Note:** The fan speed is automatically selected by the appliance in this mode and cannot be adjusted manually.

SMART Mode

This mode allows the appliance to automatically choose whether to operate in Cool, Fan, or Heat mode (depending on the model).

To set this mode correctly:

1. Press the “” button repeatedly until the display indicates AUTO mode, showing a circulating symbol.



2. Select the desired fan speed by pressing the “” button to choose from High / Medium / Low / Auto.

Operating Behavior:

Cooling-Only Models:

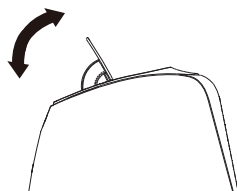
- Fan Mode: Activated when the room temperature is below 23°C (73°F).
- Cool Mode: Activated when the room temperature exceeds 23°C (73°F).

Cooling and Heating Models:

- Heat Mode: Activated when the room temperature is below 20°C (68°F).
- Fan Mode: Activated when the room temperature is between 20°C (68°F) and 23°C (73°F).
- Cool Mode: Activated when the room temperature exceeds 23°C (73°F).

SWING Function

This function adjusts the direction of airflow by moving the deflectors automatically.



To activate or deactivate this function:

- Press the “” button to enable the horizontal deflector to move up and down automatically.
- Press the “” button again to stop the deflector movement and switch off the swing function.

SLEEP Function

This function is ideal for nighttime use as it gradually reduces the appliance's operation, ensuring quiet and efficient performance for restful sleep.

To activate the SLEEP function:

1. Select Cool or Heat mode as described earlier.
2. Press the “” button. The appliance will operate in the previously selected mode, but with adjustments tailored for sleep.

Behavior during SLEEP function:

- The display screen brightness will dim.
- Fan speed is automatically set to Low for quieter operation.
- Room temperature and humidity are gradually adjusted for optimal comfort:
 - In Cool Mode: The set temperature increases by 1°C (1°F) every hour for 2 hours, then remains constant for the next 6 hours before the appliance turns off.
 - In Heat Mode: The set temperature decreases by 1°C (1°F) every hour for 3 hours, then remains constant for the next 5 hours before the appliance turns off.

Additional Notes:

- The SLEEP function is also available in Dry and Smart modes.
- To cancel the SLEEP function at any time, press the "Sleep", "Mode", or "Fan Speed" button.

Setting the Timer

The timer function allows you to delay the appliance's startup or shutdown, optimizing energy usage.

Programming Startup

1. Turn on the appliance, select your desired mode (e.g., Cool mode, 24°C/75.2°F, High fan speed), and then turn off the appliance.
2. Press the "⌚" button. The "Timer" symbol and the number of hours will flash on the display.
3. Wait for 5 seconds. The timer will activate, and the "Timer" symbol will remain illuminated.
4. To cancel the timer, press the "⌚" button or the "⏸" button again. The "Timer" symbol will disappear.

Programming Shutdown

This feature allows you to set a timer for the appliance to turn off automatically after a specified duration.

To program shutdown:

1. While the appliance is running, press the "⌚" button. The "Timer" symbol and the number of hours will flash on the display.
2. Wait for 5 seconds. The timer will activate, and the "Timer" symbol will remain illuminated.
3. To cancel the timer, press the "⌚" button again or use the "⏸" button. The "Timer" symbol will disappear from the display.

Switching the Unit of Temperature

This function allows you to switch between Celsius and Fahrenheit for temperature display.

To change the unit of temperature:

1. While the appliance is running, press and hold the °C/°F buttons simultaneously for 3 seconds.
2. The temperature unit will switch between Celsius and Fahrenheit.

Example:

- Before the change: In Cool mode, the screen displays the temperature in Celsius (e.g., "24°C").
- After the change: In Cool mode, the screen displays the temperature in Fahrenheit (e.g., "75°F").



Fig.1

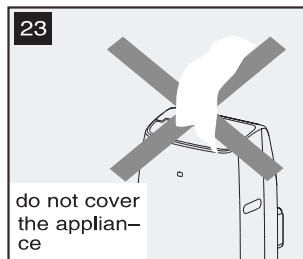
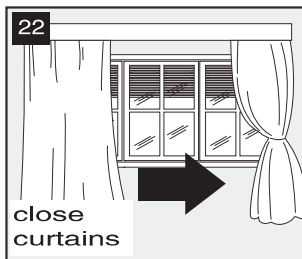
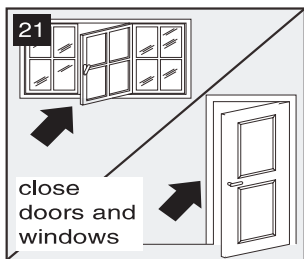


Fig.2

TIPS FOR CORRECT USE

To ensure optimal performance and efficiency of your appliance, follow these recommendations:

- Close windows and doors: Keep windows and doors closed in the room being air-conditioned (Fig. 21). If the appliance is installed semi-permanently, leave a small gap (approximately 1 cm) in a door to allow proper ventilation.
- Reduce direct sunlight: Use curtains or blinds to block direct sunlight and improve energy efficiency (Fig. 22).
- Avoid placing objects on the appliance: Do not rest objects of any kind on the appliance.
- Ensure unobstructed airflow: Do not block the air inlet or outlet, as this reduces airflow, diminishes performance, and may damage the unit (Fig. 23).
- Eliminate heat sources: Avoid placing heat sources (such as stoves or heaters) in the same room as the appliance.
- Avoid damp environments: Do not use the appliance in excessively damp areas like laundry rooms.
- Indoor use only: This appliance is designed for indoor use only. Do not use it outdoors.
- Place on a level surface: Ensure the appliance is positioned on a flat, stable surface. If needed, use the castor locks under the front wheels to secure it in place.



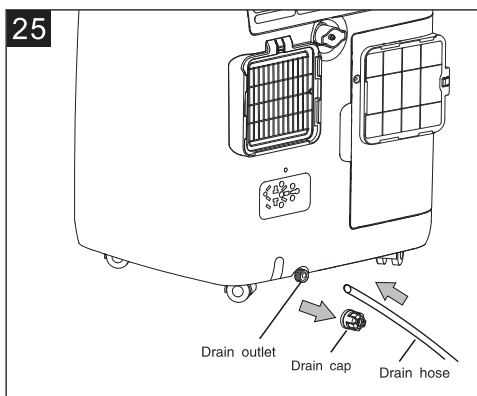
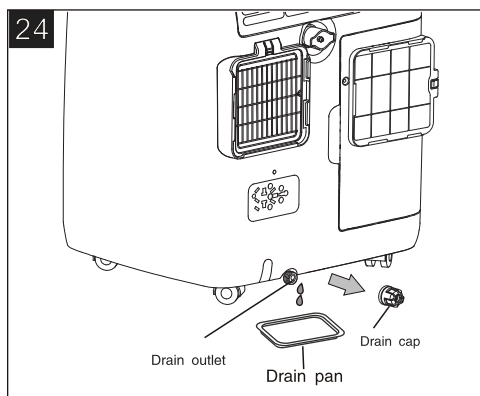
WATER DRAINAGE METHOD

When excess water condensation accumulates inside the unit, the appliance will stop operating and display “F E” (FULL TANK, as mentioned in the Self-Diagnosis section). Follow the appropriate drainage method below to resolve this issue:

1. Manual Draining (Fig. 24)

This method is recommended in high humidity areas:

- Turn off and unplug the unit from the power source.
- Place a drain pan beneath the lower drain plug (refer to the diagram).
- Remove the lower drain plug to allow water to drain into the pan.
- Once the water has been completely drained, securely replace the lower drain plug.
- Plug in and turn on the unit to resume operation.



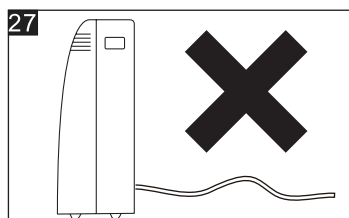
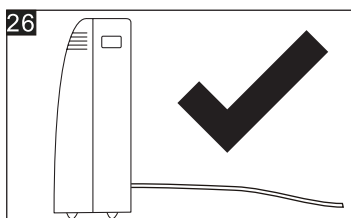
2. Continuous Draining (Fig. 25)

This method is recommended when using the unit in heat mode or for continuous operation:

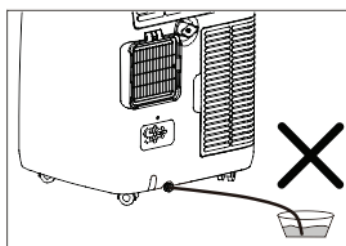
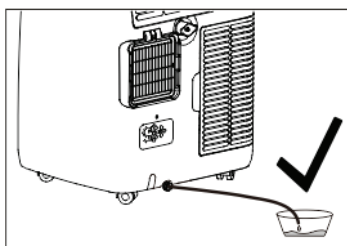
- Turn off and unplug the unit from the power source.
- Remove the lower drain plug. Be prepared with a pan to collect residual water during this step.
- Attach a drain hose (1/2" or 12.7 mm; not supplied) to the drain outlet (refer to the diagram).
- Position the other end of the hose into a floor drain or a bucket.
- Plug in and turn on the unit to resume operation.

IMPORTANT NOTES:

- Ensure the height and section of the drain hose is not higher than the drain outlet; otherwise, the water tank may not drain properly.



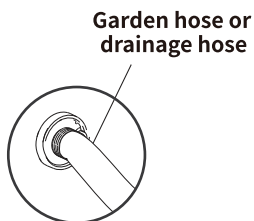
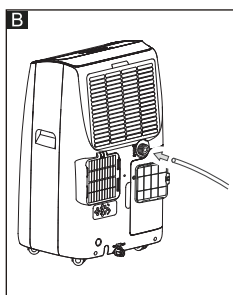
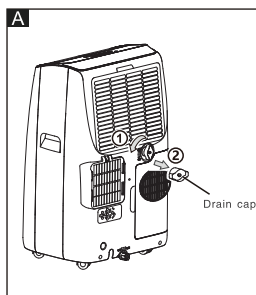
- Do not immerse the outlet end of the drain hose in water, as this may cause the continuous drainage function to fail.



3. Middle Drainage

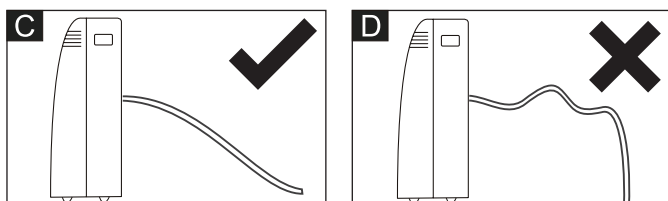
This method is suitable when the unit is running in Dry mode:

- Turn off and unplug the unit from the power source.
- Remove the middle drain plug (Fig. A). Be prepared with a pan to collect residual water.
- Attach a drain hose (1/2" or 12.7 mm; not supplied) to the middle drain outlet (Fig. B).
- Position the other end of the hose into a floor drain or bucket.
- Plug in and turn on the unit to resume operation.



IMPORTANT NOTES:

Ensure the height and section of the drain hose is not higher than the middle drain outlet; otherwise, the water tank may not drain properly.



CLEANING

Before performing any cleaning or maintenance, turn off the appliance by pressing the Power button (⏻) on the control panel or remote control. Wait a few minutes, then unplug the unit from the power socket.

CLEANING THE CABINET

- Use a slightly damp cloth to clean the appliance, then dry it with a clean, dry cloth.
- Never wash the appliance with water, as this could be dangerous.
- Do not use petrol, alcohol, or solvents to clean the appliance, as these substances may damage it.
- Avoid spraying insecticides or similar chemicals near the appliance.

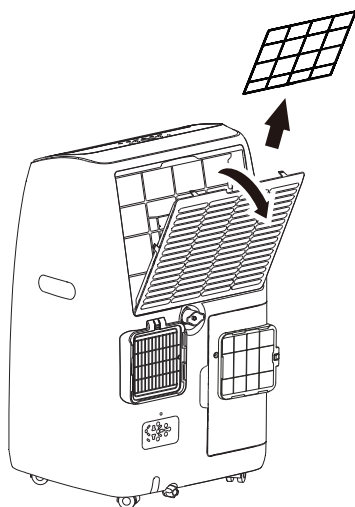
CLEANING THE AIR FILTERS

To maintain the appliance's efficiency, clean the air filters monthly during operation. Follow these steps:

1. Remove the filter as shown in the diagram.

Caution: Avoid contact with the appliance's metal parts during removal or reinstallation to prevent possible injury.

2. Use a vacuum cleaner to remove dust and dirt from the filter.
3. If the filter is heavily soiled, rinse it in warm water (not exceeding 40°C/104°F) several times.
4. Allow the filter to air dry thoroughly before reattaching it to the appliance.



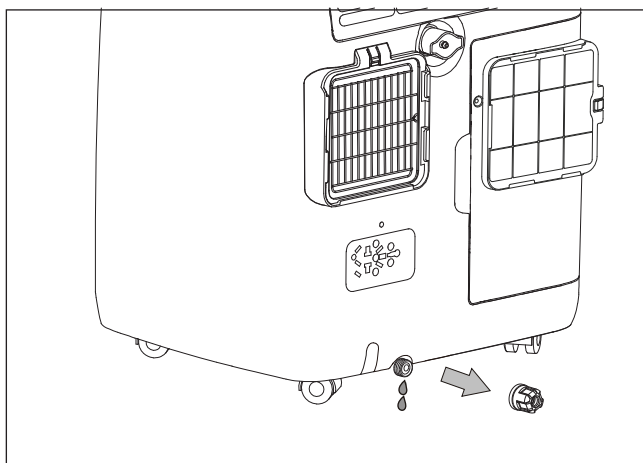
START-END OF SEASON OPERATIONS

START OF SEASON CHECKS

- Inspect the power cable and plug for any damage.
- Ensure the earth system is functioning properly.
- Follow the installation instructions carefully before use.

END OF SEASON OPERATIONS

1. Remove the drain cap to completely empty the internal circuit of water.
2. Drain all residual water into a basin. Once drained, securely replace the cap.
3. Clean and thoroughly dry the air filters before reattaching them to the appliance.



STRICT OPERATING CONDITIONS

The appliance should be used only within the following environmental conditions:

Cooling mode:

- Indoor side: 18°C–35°C (64°F–95°F)
- Outdoor side: 10°C–43°C (50°F–109°F)

Heating mode:

- Indoor side: 10°C–25°C (50°F–77°F)
- Outdoor side: 10°C–25°C (50°F–77°F)

TROUBLESHOOTING

PROBLEM: The appliance does not turn on

Cause

- No power.
- The appliance is not plugged into the mains.
- The internal safety device has tripped.

Solution

- Wait for power to return.
- Plug the appliance into the mains power supply.
- Wait 30 minutes. If the problem persists, contact your service center.

PROBLEM: The appliance operates briefly and then stops

Cause

- There are bends or kinks in the air exhaust hose.
- Something is obstructing the air discharge.

Solution

- Ensure the air exhaust hose is positioned correctly.
Keep it as short and free of curves as possible to avoid bottlenecks.
- Check and remove any obstacles blocking the air discharge.

PROBLEM: The appliance is running but does not cool the room

Cause

- Windows, doors, or curtains are open.
- Heat sources are present in the room (e.g., oven, hairdryer).
- The air exhaust hose is detached from the appliance.
- The appliance's specifications are not sufficient for the size of the room.

Solution

- Close all windows, doors, and curtains, and refer to the "Tips for Correct Use" section for additional guidance.
- Remove any heat sources from the room.
- Securely attach the air exhaust hose to the housing at the back of the appliance.
- Ensure the appliance is suitable for the room's size and cooling needs.

PROBLEM: Unpleasant smell during operation

Cause

- The air filter is clogged.

Solution

- Clean the air filter as described in the "Cleaning the Air Filters" section.

PROBLEM: The appliance does not restart immediately after being turned off

Cause

- The internal compressor safety device prevents the appliance from restarting for three minutes after it was last turned off.

Solution

- Wait three minutes. This delay is part of normal operation.

PROBLEM: Error messages appear on the display

Cause

- The appliance's self-diagnosis system has detected a malfunction.

Solution

- Refer to the SELF-DIAGNOSIS section for troubleshooting steps.

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