SereneLife

SLPAC12BW - SLPACH12BW - SLPAC14BW
SLPACH14BW - SLPACH16BW

portable room air conditioner

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SCAN ME

serenelifehome.com

user manual

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

Table of Contents

WARNING

Read and understand this entire owner's manual, including all safety information, before plugging in or using this product. Failure to do so could result in fire, electric shock, or serious personal injury.

CALIFORNIA PROP 65 WARNING

⚠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:

- Automatic Wind Swing
- Portable and Quick Installation
- Feather-Touch Control Panel
- Self-Evaporation System
- Dual-Motor
- Sleep Mode

Features:

- Lightweight & Portable AC Unit
- Compact, Freestanding Room Air Conditioner
- **Operation Modes:**
  - SLPAC8BW/SLPAC10BW/SLPAC12BW/SLPAC14BW: AC Cool/Dehumidifier/Fan
  - SLPACH12BW/SLPACH14BW/SLPACH16BW: AC Cool/Heat/Dehumidifier/Fan
- Quick and Easy Setup for Cooling (and Heating for SLPACH models)
- Plug-and-Play / Easy Electric Operation
- mart Wi-Fi Control via SereneLife App
- Adjustable Temperature Control with Air Circulation Function (SLPACH models)
- Automatic Swing Mode with Adjustable Air Vents (SLPACH models)
- Digital / Touch Button Panel with LED Display
- Adjustable Time, Temperature, and Fan Speed Settings
- Universal Window Mount Kit Included for Easy Installation
- Removable & Washable Air Filter Screen
- Sleek, Modern Design with Durable Body Housing
- Energy-efficient Design: Low Power Consumption
- **Low Noise Level Motor:**
  - SLPAC8BW: 49–52 dB
  - SLPAC10BW: 50–53 dB
  - SLPAC12BW: 48–51 dB
  - SLPAC14BW: 51–54 dB
  - SLPACH12BW / SLPACH14BW: 48–54 dB
  - SLPACH16BW: 42–49 dB
- Rolling Wheels for Easy Portability
- Ideal for Home, Office, School, or Business Use
- Effective Climate Control for Rooms Up to 350 sq. ft. (SLPACH models)

What's in the Box

- AC Unit
- Exhaust Hose
- Window Installation Plate
- Remote Control (Digital for SLPACH models)
- (2) AAA Batteries
- Hose Connector / Exhaust Hose Connector
- Drain Pipe

Technical Specs:

- **Construction & Installation**
  - Material: Engineered HIPS Housing
  - Special Features: Dehumidifier
  - Installation Type: Cabinet
  - Controller Type: Remote Control
- **Cooling & Heating Performance**
  - SLPAC8BW: Cooling 8,000 Btu/h (ASHRAE) / 5,300 Btu/h (DOE), Rated Power 770 W, Power Output 1,050 W, Air Flow 400 m^3/h, Dehumidifier 0.82 L/hr
  - SLPAC10BW: Cooling 10,000 Btu/h / 6,300 Btu/h, Rated Power 925 W, Power Output 1,350 W, Air Flow 400 m^3/h, Dehumidifier 1.2 L/hr
  - SLPAC12BW: Cooling 12,000 Btu/h / 8,350 Btu/h, Rated Power 1,060 W, Power Output 1,300 W, Air Flow 370 m^3/h, Dehumidifier 1.5 L/hr
  - SLPACH12BW: Cooling 12,000 Btu/h / 8,350 Btu/h, Heating 12,000 Btu, Rated Power 1,300 W, Energy Efficiency Ratio 7.3, Air Flow 370 m^3/h, Dehumidifier 1.5 L/hr
  - SLPAC14BW: Cooling 14,000 Btu/h / 10,200 Btu/h, Rated Power 1,230 W, Power Output 1,230 W, Air Flow 420 m^3/h, Dehumidifier 1.9 L/hr
  - SLPACH14BW: Cooling 14,000 Btu/h / 10,200 Btu/h, Heating 12,000 Btu, Rated Power 1,230 W, Energy Efficiency Ratio 7.9, Air Flow 420 m^3/h, Dehumidifier 1.0 L/hr
  - SLPACH16BW: Cooling 16,000 Btu/h / 12,000 Btu/h, Heating 11,000 Btu, Rated Power 1,050 W, Energy Efficiency Ratio 13, Air Flow 420 m^3/h, Dehumidifier 1.9 L/hr
- **Operating Temperature Range**
  - Cooling: 64°F – 95°F (18°C – 35°C)
  - Heating (SLPACH models only): 41°F – 80°F (5°C – 27°C)
- **Fan & Timer**
  - Fan Speed Settings: Low / Medium / High
  - Adjustable Timer: Up to 24 Hours
  - Temperature Unit: °F / °C
- **Power & Remote**
  - Power Supply: 115V / 60Hz
  - Remote Control: Battery Operated (2 x AAA, 1.5V, Included)
  - Remote Control Battery Life: 5 years
- **Dimensions & Weight**
  - SLPAC8BW: 45.8 lbs, Hose 4.9 ft, Drain Pipe 3.3 ft, Power Cable 4.9 ft, 15.3 x 14.0 x 24.8 in
  - SLPAC10BW: 48.2 lbs, Hose 4.9 ft, Drain Pipe 3.3 ft, Power Cable 4.9 ft, 15.3 x 14.0 x 24.8 in
  - SLPAC12BW / SLPACH12BW: 58.7–59.8 lbs, Hose 4.9 ft, Drain Pipe 3.3 ft, Power Cable 4.9 ft, 16.5 x 14.06 x 27.09 in
  - SLPAC14BW / SLPACH14BW: 64.7 lbs, Hose 4.9 ft, Drain Pipe 3.3 ft, Power Cable 4.9 ft, 16.5 x 14.06 x 27.09 in
  - SLPACH16BW: 57.2 lbs, Hose 4.9 ft, Drain Pipe 3.3 ft, Power Cable 4.9 ft, 16.5 x 14.06 x 27.09 in

IMPORTANT SAFEGUARDS

- This appliance is for household use only.
- Disconnect the appliance from its power source during servicing, when replacing parts, and before cleaning.
- **Please note:** Check the nameplate for the type of refrigerant gas used in your appliance.
- Specific information regarding appliances with refrigerant gas:
  - It is recommended not to pierce the cooling circuit of the machine.
  - At the end of its useful life, deliver the appliance to a designated waste collection center for proper disposal.
- **Global Warming Potential (GWP):**
  - R410A: 2088
  - R134a: 1430
  - R290: 3
  - R32: 675
- This hermetically sealed system contains fluorinated greenhouse gases (R410A / R134a / R32).
- **Environmental Information:** This unit contains fluorinated greenhouse gases covered by the Kyoto Protocol.
- Do not use this unit for functions other than those described in this instruction manual.
- Make sure the plug is inserted firmly and completely into the outlet. Failure to do so may result in electric shock or fire.
- Do not plug other appliances into the same outlet, as this may result in electric shock.
- Do not disassemble or modify the appliance or power cord. Doing so may result in electric shock or fire. All servicing must be performed by a qualified technician.
- Do not place the power cord or appliance near a heater, radiator, or other heat sources. This may result in electric shock or fire.
- This unit is equipped with a grounded power cord. The plug must be connected to a properly installed and grounded outlet. Do not remove or cut the grounding pin or tab under any circumstances.
- The unit should be used or stored in a way that protects it from moisture (e.g., condensation or splashed water). If this occurs, unplug the unit immediately.
- Always transport the appliance in an upright position and place it on a stable, level surface during use. If the unit has been transported on its side, stand it upright and leave it unplugged for at least 6 hours before use.
- Always turn the unit off using the control panel or remote control. Do not start or stop operation by plugging in or unplugging the power cord.

- Do not use hazardous chemicals to clean or come into contact with the unit.
  - Use only a soft cloth to clean the surface.
  - Do not use wax, thinner, abrasive cleaners, or strong detergents.
  - Do not operate the unit in the presence of flammable substances or vapors such as alcohol, insecticides, or gasoline.
- If the appliance makes unusual noises or emits smoke or an unusual odor, unplug it immediately.
- Do not clean the unit with water. Water entering the unit may damage insulation and create an electric shock hazard. 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 pull on the power cord.
- Install the appliance on a sturdy, level floor capable of supporting up to 110 lb (50 kg). Installing on a weak or uneven surface may result in property damage or personal injury.
- Fuse specifications: T, 250 V AC, 3.15 A.

WARNING

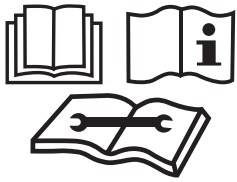
1. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless supervised or instructed by a responsible person.
2. Children should be supervised to ensure they do not play with the appliance.
3. If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to avoid a hazard.
4. The appliance must be installed in accordance with national wiring regulations.
5. Do not use methods to accelerate the defrosting process or for cleaning other than those recommended by the manufacturer.
6. The appliance must be stored in a room without continuously operating ignition sources (e.g., open flames, gas appliances, or electric heaters).
7. Do not pierce or burn the appliance.
8. Be aware that refrigerants may not have an odor.

WARNING

Handling, installation, storage, servicing, and disposal must comply with national gas-related laws and wiring regulations.
Refrigerant must be properly cleared from the system during servicing or disposal.

Ventilated Area

- Ensure the working area is open or well-ventilated before operating the system or performing hot work.
- Ventilation must be maintained during operation to safely disperse any leaked refrigerant.
- Flammable refrigerants R32 / R290 are used in this appliance. Follow all instructions carefully when handling, installing, cleaning, or servicing the unit.
- Do not dispose of the appliance in regular household trash. Contact a qualified agency for proper disposal.
- Servicing must only be performed as recommended by the manufacturer.



FLAMMABLE REFRIGERANT WARNINGS

DANGER: Risk of fire or explosion. Flammable refrigerant used. Repairs must be performed only by trained service personnel. Do not puncture refrigerant tubing.

WARNING: Risk of fire or explosion. Dispose of properly in accordance with federal or local regulations.

DANGER: Consult the repair manual or owner's guide before attempting to service this product. All safety precautions must be followed.

DANGER: Risk of fire or explosion due to flammable refrigerant. Follow handling instructions carefully and comply with national regulations.

GENERAL SAFETY PRECAUTIONS

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

- Do not touch the appliance or power plug with wet hands.
- Check household voltage to ensure it matches the appliance specifications.
- Remove all packaging materials before operation and inspect for shipping damage.
- Do not operate the unit with a damaged cord or plug.
- Do not use extension cords with this appliance.

- Do not run the power cord under carpets or cover it with rugs or runners. Keep it away from areas where it may be tripped over.
- Always turn off and unplug the appliance before emptying the water tank.
- Discard collected water; it must never be used for drinking.
- Unplug the appliance and empty the water tank before cleaning, servicing, or relocating the unit.
- Always unplug by grasping the plug, not the cord.
- This appliance is intended for domestic indoor use only and must not be used for other purposes.
- Do not use the unit in areas where gasoline, paint, or other flammable substances are stored or used.
- Do not attempt to repair or adjust electrical or mechanical components. Doing so may cause danger and void the warranty.
- Do not block the air inlet or outlet.
- Do not insert objects into ventilation or exhaust openings.
- Do not allow children to play with the appliance, packaging, or plastic bags.
- If the unit is damaged or malfunctions, stop operation immediately, unplug it, and refer to the troubleshooting section or contact Customer Support.
- Always place the appliance on a level surface.
- Never install the unit near a bathtub or water container.
- Store in a dry area away from direct sunlight when not in use.
- Always transport the unit upright using the top handle. Do not tilt or turn upside down.
- If the unit was transported on its side, return it to an upright position and wait at least 6 hours before operation.

WARNING: To reduce the risk of fire or electric shock, do not use this appliance with any solid-state speed control device. Keep all ventilation openings clear of obstruction.

INFORMATION FOR QUALIFIED PERSONNEL

- All operators or refrigeration maintenance personnel must hold valid certification issued by an industry-recognized authority for safe refrigerant handling.
- Maintenance and repairs must be performed according to manufacturer recommendations and under supervision when combustible refrigerants are involved.

HH.1 GENERAL

Additional procedures beyond standard refrigerating appliance installation, repair, maintenance, and decommissioning are required when an appliance contains FLAMMABLE REFRIGERANTS.

Training for these procedures shall be provided by national training organizations or manufacturers accredited to teach the relevant national competency standards as defined by applicable legislation. Successful completion of the training must be documented by a valid certificate.

HH.2 INFORMATION AND TRAINING

HH.2.1 Training Content

Training shall include, but is not limited to, the following information:

HH.2.2 Explosion Risk of Flammable Refrigerants

Information regarding the explosion potential of FLAMMABLE REFRIGERANTS, emphasizing that improper handling may result in serious hazards.

HH.2.3 Potential Ignition Sources

Information about POTENTIAL IGNITION SOURCES, including non-obvious sources such as:

- Lighters
- Light switches
- Vacuum cleaners
- Electric heaters

HH.2.4 Safety Concepts

Unventilated Enclosure

- Safety of the appliance does not depend on ventilation of the housing.
- Switching off the appliance or opening the housing has no significant effect on safety.
- Leaking refrigerant may accumulate inside the enclosure and release a flammable atmosphere when opened.

Ventilated Enclosure

- Safety of the appliance depends on ventilation of the housing.
- Switching off the appliance or opening the enclosure significantly affects safety.
- Adequate ventilation must be ensured before servicing.

Ventilated Room

- Safety of the appliance depends on ventilation of the room.
- Switching off the appliance or opening the housing has no significant effect on safety.
- Room ventilation must not be switched off during repair procedures.

HH.2.5 Information About Refrigerant Detectors

- Principles of operation, including factors that may influence performance.
- Procedures for safely repairing, checking, or replacing a refrigerant detector or its components.
- Procedures for disabling a refrigerant detector when repair work is being performed on refrigerant-carrying components.

HH.2.6 Sealed Components and Enclosures

Information regarding sealed components and sealed enclosures in accordance with IEC 60079-15:2010.

a. **Commissioning**

- Ensure the floor area is sufficient for the refrigerant charge, or that the ventilation duct is correctly assembled.
- Connect all piping and perform a leak test before charging with refrigerant.
- Check all safety equipment before putting the appliance into service.

b. **Maintenance**

- Portable equipment must be repaired outdoors or in a workshop specifically equipped for servicing units using flammable refrigerants.
- Ensure sufficient ventilation at the repair location.
- Be aware that equipment malfunction may be caused by refrigerant loss or leakage.
- Discharge capacitors in a manner that prevents sparking. Standard short-circuiting of capacitor terminals may generate sparks.
- Reassemble sealed enclosures accurately. Replace seals if worn.
- Check safety equipment before returning the appliance to service.

c. **Repair**

- Portable equipment must be repaired outdoors or in a workshop specifically equipped for servicing units with flammable refrigerants.
- Ensure sufficient ventilation at the repair location.
- Be aware that malfunction may be caused by refrigerant loss or leakage.
- Discharge capacitors in a way that prevents sparking.

When brazing is required, follow these steps in order:

1. Safely remove refrigerant in accordance with local and national regulations.
   - If recovery is not required, drain refrigerant outdoors.
   - Ensure drained refrigerant does not pose a hazard or re-enter the building.
2. Purge the refrigerant circuit with oxygen-free nitrogen.
3. Evacuate the refrigerant circuit.
4. Purge the circuit with nitrogen for 5 minutes (not required for A2L refrigerants).
5. Evacuate again (not required for A2L refrigerants).
6. Remove components by cutting or brazing.
7. Purge the brazing point with nitrogen during brazing.
8. Perform a leak test before charging with refrigerant.
   - Reassemble sealed enclosures accurately and replace worn seals.
   - Check safety equipment before putting the unit back into service.

d. **Decommissioning**

- If safety is compromised when removing equipment from service, the refrigerant charge must be removed before decommissioning.
- Ensure sufficient ventilation at the equipment location.
- Be aware that malfunction may be caused by refrigerant loss or leakage.
- Discharge capacitors in a manner that prevents sparking.
- Remove refrigerant safely. If recovery is not required, drain refrigerant outdoors while ensuring it does not re-enter the building.

When flammable refrigerants (except A2L refrigerants) are used:

- Evacuate the refrigerant circuit.
- Purge the circuit with nitrogen for 5 minutes.
- Evacuate again.
- Fill with nitrogen to atmospheric pressure.
- Label the equipment to indicate that refrigerant has been removed.

e. **Disposal**

- Ensure sufficient ventilation at the work area.
- Remove refrigerant safely. If recovery is not required, drain refrigerant outdoors and prevent re-entry into the building.

When flammable refrigerants are used:

1. Evacuate the refrigerant circuit.
2. Purge with oxygen-free nitrogen.
3. Evacuate again (not required for A2L refrigerants).
4. Remove the compressor and drain oil.

1.1 Area Checks
Before beginning work on systems containing flammable refrigerants, safety checks must be performed to minimize ignition risk.

1.2 Work Procedure
All work must be performed using controlled procedures to minimize the presence of flammable gas or vapor during operation.

1.3 General Work Area
- All personnel must be informed of the work being carried out.
- Avoid working in confined spaces.
- Isolate the work area and control flammable materials to ensure safe conditions.

1.4 Refrigerant Detection
- Check the area with an appropriate refrigerant detector before and during work.
- Detection equipment must be non-sparking, properly sealed, or intrinsically safe.

1.5 Fire Extinguisher Availability
- Keep appropriate fire extinguishing equipment nearby when performing hot work.
- Use dry powder or CO_2 fire extinguishers near the charging area.

1.6 Ignition Sources
- Do not use ignition sources near refrigeration systems containing flammable refrigerant.
- Prohibit smoking and display “No Smoking” signs.

1.7 Ventilated Area
- Ensure adequate ventilation before opening the system or performing hot work.
- Ventilation must safely disperse released refrigerant outdoors.

1.8 Refrigeration Equipment Checks
- Ensure electrical components are correctly rated and installed.
- Verify proper ventilation and unobstructed outlets.
- Confirm refrigerant charge matches room size.
- Ensure markings and safety labels remain legible.
- Protect refrigerant piping from corrosion.

1.9 Electrical Device Checks
- Perform safety inspections before servicing electrical components.
- Do not reconnect power until safety faults are corrected.
- Verify capacitor discharge, earth bonding continuity, and absence of exposed live wiring.

REPAIRS TO SEALED COMPONENTS

Sealed electrical components must be replaced and not repaired.

REPAIRS TO INTRINSICALLY SAFE COMPONENTS

Intrinsically safe components must be replaced.

CABLING

- Ensure cabling is free from wear, corrosion, excessive pressure, vibration, sharp edges, and environmental damage.
- Consider aging effects and vibration from compressors or fans.

DETECTION OF FLAMMABLE REFRIGERANTS

- Do not use ignition sources when detecting leaks.
- Do not use halide torches or detectors with open flames.

Acceptable leak detection methods include:

- Electronic leak detectors (properly calibrated)
- Bubble method
- Fluorescent detection agents

If a leak requiring brazing is detected, recover or isolate refrigerant before repair.

REMOVAL AND EVACUATION

When accessing the refrigerant circuit:

1. Safely remove refrigerant according to regulations.
2. Purge with inert gas.
3. Evacuate (optional for A2L refrigerants).
4. Purge again with inert gas (optional for A2L).
5. Open the circuit by cutting or brazing.

Use oxygen-free nitrogen for purging. **Never use compressed air or oxygen**.

CHARGING PROCEDURES

- Prevent contamination between refrigerants.
- Keep hoses as short as possible.
- Keep cylinders upright.
- Earth the system before charging.
- Label the system after charging.
- Do not overfill the refrigeration system.
  Perform pressure testing and leak testing before commissioning.

DECOMMISSIONING

- Recover refrigerant safely.
- Ensure power availability before starting.
- Follow proper recovery and cylinder handling procedures.
- Do not exceed 80% liquid volume in cylinders.

Recovered refrigerant must be cleaned and checked before reuse.

LABELLING

- Label equipment to indicate refrigerant removal.
- Labels must be dated and signed.
- Ensure warning labels for flammable refrigerant remain visible.

RECOVERY

- Use approved recovery cylinders only.
- Do not mix refrigerants.
- Ensure hoses and equipment are leak-free and calibrated.

Drain compressor oil safely and avoid ignition sources.

TRANSPORTATION, MARKING, AND STORAGE

For Units That Use Flammable Refrigerants

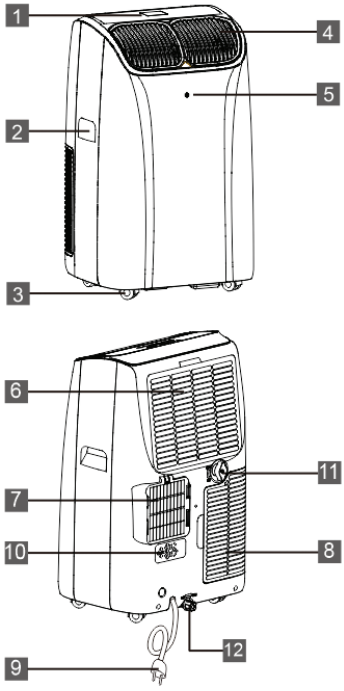
These instructions apply to appliances that use flammable refrigerants.

- Follow all applicable regulations when transporting units with flammable refrigerants.
- Safety signs must comply with local regulations and remain clear and visible.
- Dispose of the appliance according to national regulations.
- Store the appliance and packaged units in accordance with applicable regulations or manufacturer instructions.
- Packaging must prevent damage that could cause a refrigerant leak.
- The number of units transported or stored together is subject to local regulations.

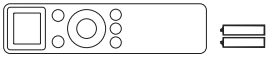
SAVE THESE INSTRUCTIONS

DESCRIPTION

1. Control panel
2. Carry Handle (both sides)
3. Castors
4. Air outlet grille
5. Remote control receiver
6. Intake grille
7. Air outlet grille
8. Intake grille
9. Power cable
10. Plug fixer
11. Middle drainage
12. Condenser drain



ACCESSORIES

PARTS	PARTS NAME	QUANTITY
	Exhaust hose	1 set
	Window slider kit	1 set
	Remote Control Battery	1 set
	Foam seal	1 set
	2 Bolts (Metal locking screw)	6 pcs
	Drainage hose	1 set

Note: All illustrations in this manual are for explanatory purposes only. Your appliance may vary slightly from the images shown. Ensure all accessories are removed from the packaging before use.

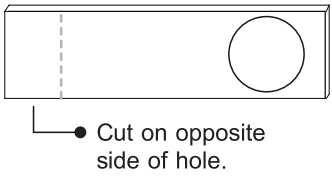
INSTALLATION INSTRUCTIONS

WINDOW SLIDER KIT INSTALLATION

The window slider kit fits most vertical and horizontal windows and may be secured with screws if required.

NOTE:

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

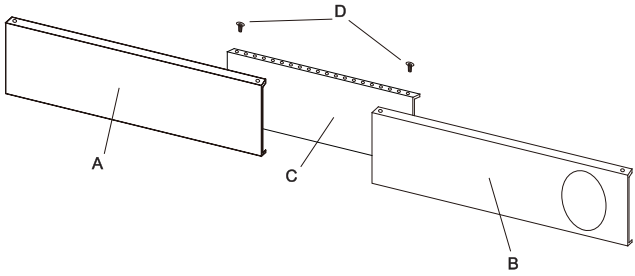


1.1 Parts

A. Panel

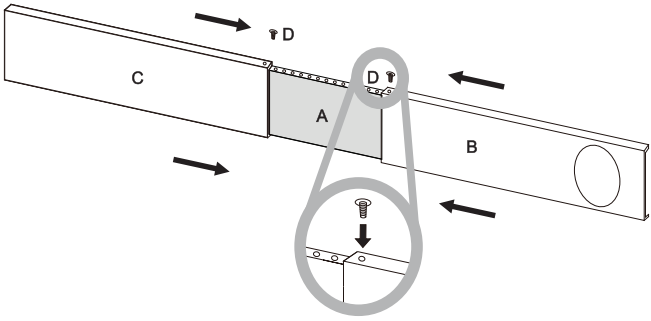
B. Panel with one hole

C. Screw/Pin



1.2 Assembly

Slide Panel B into Panel A and adjust the length to match the window width. Window sizes vary. When adjusting the width, make sure the assembled window kit fits tightly with no gaps or air leaks.

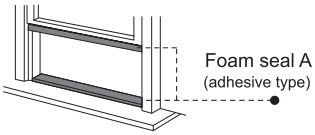


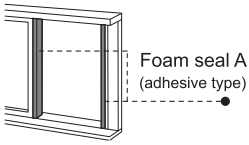
1.3 Securing the Screw/Pin

Insert and lock the screw/pin into the corresponding holes for your window width. Ensure the window kit is securely installed and that there are no gaps or air pockets after installation.

Double-Hung Sash/Sliding Sash Window Installation

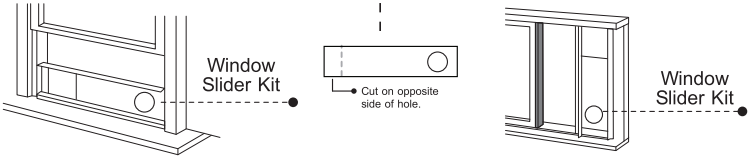
These instructions apply to both double-hung sash windows and sliding sash windows.





Step 1: Install Foam Seal A (Adhesive Type)

Open the window and cut Foam Seal A (adhesive type) to the proper length. Attach the foam seal to the inside of the window frame.



Step 2: Install the Window Slider Kit

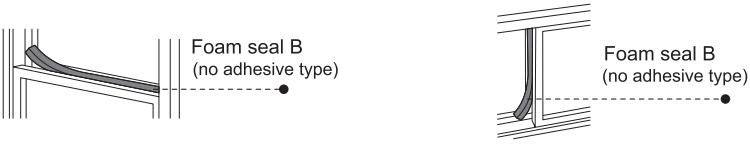
Place the window slider kit onto the window sash and adjust its length to fit the width of the window. If necessary, mark the kit and cut it down to size.

Step 3: Secure the Window Slider Kit

Use the provided screws to secure the window slider kit firmly in place.

Step 4: Close the Window

Close the window securely against the installed window slider kit.



Step 5: Install Foam Seal B (Non-Adhesive Type)

Cut Foam Seal B (non-adhesive type) to the appropriate length and insert it into the open gap between the top window sash and the outer window frame to seal the opening.

2. EXHAUSTING HOT AIR

When operating in Cool Mode, hot air from the condenser must be exhausted outdoors.

- Place the unit on a flat surface with a minimum clearance of 18 in. (45 cm) around the unit.
- Ensure the unit is near a dedicated electrical outlet.

Installation Steps:

1. Extend one end of the hose and attach it to the hose inlet.
2. Extend the opposite end and attach it to the hose outlet.
3. Install the hose inlet into the unit.
4. Secure the hose outlet into the window slider kit and seal properly.

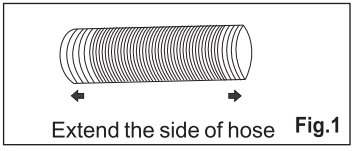


Fig.1

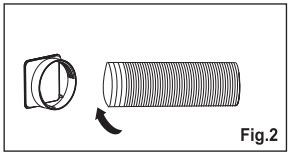


Fig.2

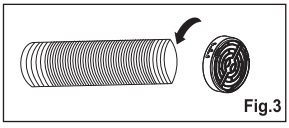


Fig.3

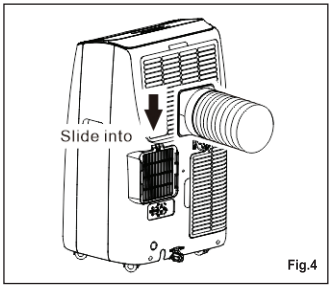
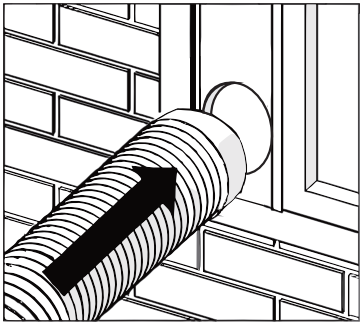
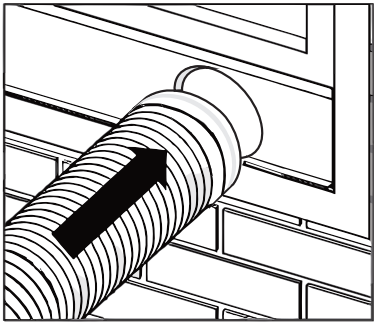


Fig.4





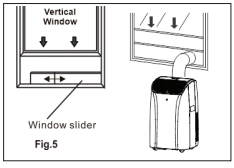


Fig.5

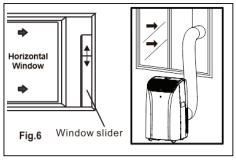
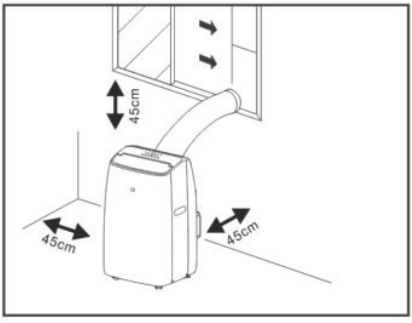
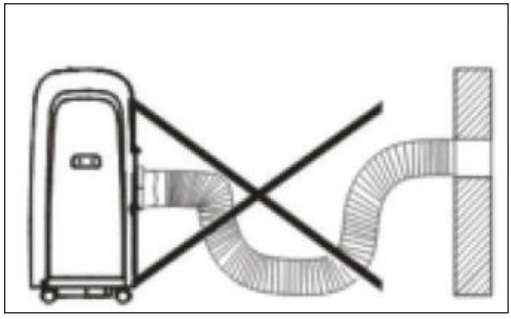


Fig.6

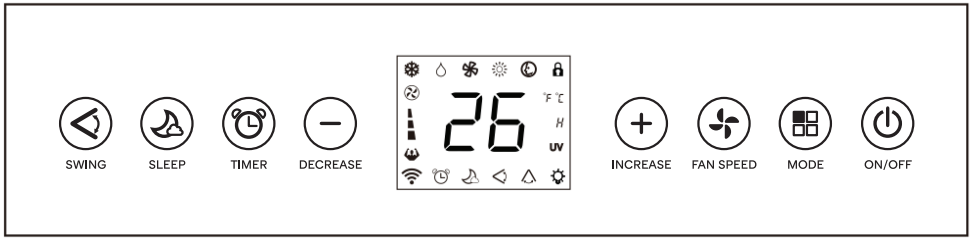
LOCATION

- Place the unit on a firm, stable surface to minimize noise and vibration.
  The floor must be smooth, level, and strong enough to support the unit.
- The unit is equipped with casters for easy movement.
  Roll the unit only on smooth, flat surfaces.
  - Use caution on carpets.
  - Protect wood floors when moving the unit.
  - Do not roll the unit over objects.
- The unit must be positioned within reach of a properly rated, grounded wall outlet.
- Do not place any obstacles around the air inlet or air outlet.
- Allow at least 18 in. (45 cm) of clearance around and above the unit for efficient operation.
- The exhaust hose may be extended, but keep it as short as possible.
  Ensure the hose has no sharp bends or sagging.





CONTROL PANEL & DISPLAY



Button			
	ON/OFF button		Decrease button
	MODE button		Timer button
	Fan speed button		Sleep button
	Increase button		Swing button
Display			
	Cooling mode		Timer
	Dry mode		Sleep
	Fan mode		Swing (up and down)
	Heating mode		Swing (left and right) (N/A for this model)
	Smart mode		Light
	Child lock		WIFI
UV	UV lamp		Turbo
H	Hours	°F	Fahrenheit
	Fan speed	°C	Celsius

**Wi-Fi symbol appears only on Wi-Fi models.*

Wi-Fi Activation:
Press and hold the **-** and **+** buttons simultaneously for 3 seconds to activate Wi-Fi. Follow the Wi-Fi manual to complete pairing. When connected, the Wi-Fi symbol remains illuminated.

TURNING THE APPLIANCE ON
Plug the appliance into a power outlet. The unit will enter standby mode. Press the Power button to turn the appliance on.
The last operating mode used before shutdown will be restored.

COOL MODE
Ideal for hot and humid weather when cooling and dehumidification are required.

To set COOL mode:
- Press the ⊞ button repeatedly until the ❄ symbol appears.
- Set the desired temperature using the ⊕ or ⊖ button (64°F–90°F / 18°C–32°C).
- Select the fan speed using the ✲ button: High / Low / Auto.

High	Low	Auto
		

Recommended setting:
For summer use, a room temperature of 75°F–81°F (24°C–27°C) is recommended. Avoid setting the temperature much lower than the outdoor temperature.

HEAT MODE*
***Available on heat pump models only. Cooling-only models will switch to Fan mode if Heat is selected.**

To set HEAT mode:

- Press the ⊞ button until the ☼ symbol appears.
- Set the temperature using the ⊕ or ⊖ button (55°F–81°F / 13°C–27°C).
- Select fan speed ✲: High / Low / Auto.

Notes:

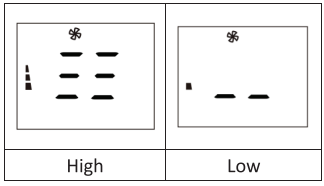
- Condensed water is collected in the internal tank.
- When the tank is full, the unit stops and the Ft indicator appears. Remove the drain cap, empty the water, then reinstall the cap.
- After draining, the appliance resumes operation automatically.
- In very cold rooms, the unit may defrost automatically. Temporary noise changes are normal.
- Hot air output may be delayed for several minutes after startup.

FAN MODE

Provides air circulation only. The exhaust hose is not required.

To set FAN mode:

- Press the ⊞ button until the ✲ symbol appears.
- Select fan speed ✲: High / Low.



DRY MODE

Reduces humidity during damp or rainy conditions.

To set DRY mode:

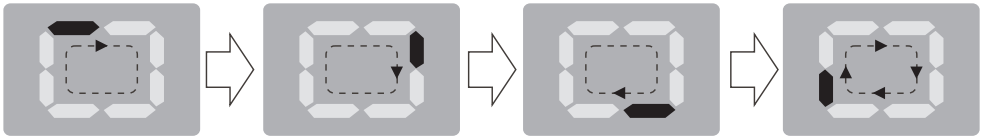
- Press the ⊞ button until the ◇ symbol appears. The screen displays "dh".
- Fan speed is set automatically and cannot be adjusted.
- The exhaust hose must be connected.

SMART MODE

The appliance automatically selects Cool, Fan, or Heat mode based on room temperature.

To set SMART mode:

- Press the ⊞ button until the ⏲ symbol appears. Select fan speed ✲: High / Low / Auto.



Cooling-only models:

- Below 73°F (23°C): Fan mode
- Above 73°F (23°C): Cool mode

Cooling & heating models:

- Below 68°F (20°C): Heat mode
- 68°F–73°F (20°C–23°C): Fan mode
- Above 73°F (23°C): Cool mode

SETTING THE TIMER

This timer can be used to delay appliance start-up or shutdown. This helps avoid wasting electricity by optimizing operating periods.

Programming Start-Up

- Turn on the appliance and select the desired mode (for example: Cool mode, 24°C (75°F), High fan speed). Then turn the appliance off.
- Press the Timer button. The ⏲ symbol and the number of hours will flash.
- Press the ⊕ or ⊖ button until the desired time is displayed.
- A few seconds after setting, the selection is memorized. The Timer indicator remains lit, and the display shows that the appliance is in standby mode.
- To cancel the timer, press the ⏲ button again or press the ⏻ button. The Timer symbol will disappear from the display.

Programming Shut-Down

- When the appliance is running, press the ⏲ button. The Timer indicator and the number of hours will flash.
- Press the ⊕ or ⊖ button until the desired time is displayed.
- A few seconds after setting, the selection is memorized. The Timer indicator remains lit, and the display shows the current operating mode.
- When the set time expires, the unit automatically switches to standby mode.
- To cancel the timer, press the ⏲ button again or press the ⏻ button. The Timer symbol will disappear from the display.

TSWITCHING THE TEMPERATURE UNIT

When the appliance is running, press and hold the ⊕ and ⊖ buttons simultaneously for 3 seconds to change the temperature unit.

Example:

- **Before changing:** In Cool mode, the display appears as shown in Fig. 1.
- **After changing:** In Cool mode, the display appears as shown in Fig. 2.

FIG. 1

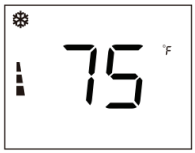


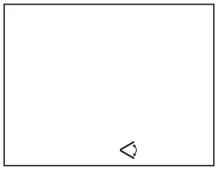
FIG. 2

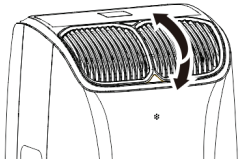
SWING FUNCTION

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

To set this function correctly:

- Select Cool, Dry, or Fan mode.
- Press the ◁ button to activate automatic up-and-down movement.
- Press the ◁ button again to turn this function off.





SLEEP FUNCTION

This function is ideal for nighttime use, as it gradually reduces appliance operation for quieter and more comfortable conditions.

To set this function correctly:

- Select Cool or Heat mode.
- Press the button, the "" symbol appears.
- When Sleep mode is active, screen brightness is reduced and fan speed is set to Low.

The Sleep function maintains optimal room temperature with minimal fluctuations. Fan speed remains Low, while temperature and humidity adjust gradually for comfort.

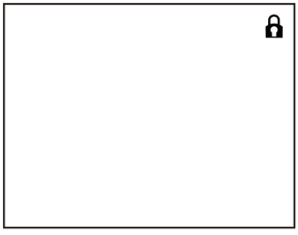
Temperature adjustment behavior:
Cool mode: The set temperature increases by 1°F (1°C) per hour for the first 2 hours, then remains constant for the next 6 hours, after which the appliance turns off.

Heat mode: The set temperature decreases by 1°F (1°C) per hour for the first 3 hours, then remains constant for the next 5 hours, after which the appliance turns off.

The Sleep function can be canceled at any time by pressing the Sleep, Mode, or Fan Speed button.

Note: Sleep mode is also available in Dry mode.

CHILD LOCK
Prevents accidental operation.
- Press and hold the ◁ for more than 3 seconds to enable or cancel.
- When active, all other buttons are disabled.



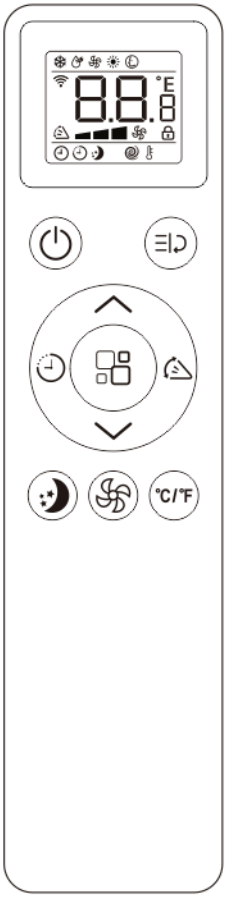
DISPLAY LIGHT
- Press and hold the ☼ button for 3 seconds to turn the display off.
- Press and hold ☼ again to turn the display on.

SELF-DIAGNOSIS
The appliance automatically detects malfunctions.

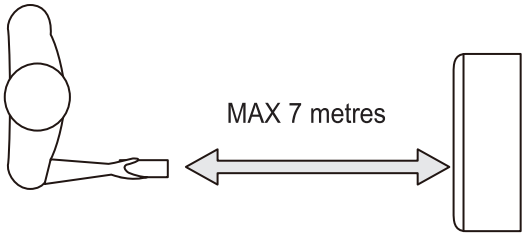
Probe Failure: Sensor damaged
Contact an authorized service center

Full Tank: Water tank full
Drain water following instructions

Remote Control



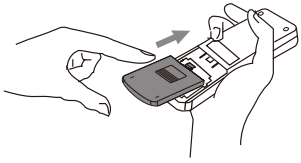
	Cooling mode		Fan speed
	Dry mode		Auto speed
	Fan mode		Child lock
	Heating mode		Timer on
	Smart mode		Timer off
	Signal		Sleep
88	Display digits temperature or hours		Turbo
°E	☒ or☒ temperature		Follow me
	Swing		
	On/Off button		Function button
	Increase button		Mode button
	Decrease button		Swing button
	Timer button		Sleep button
℃/℉	Unit Switch button		Fan speed button



Remote Control Operation

- Point the remote control toward the receiver on the appliance.
- The remote control must be within 7 m (23 ft) of the appliance, with no obstacles between the remote control and the receiver.
- Handle the remote control with care. Do not drop it or expose it to direct sunlight or heat sources.
- If the remote control does not operate properly, remove the batteries and reinstall them.
- If the problem persists, please contact after-sales service.

INSERTING OR REPLACING THE BATTERIES



- Remove the cover on the rear of the remote control.
- Insert two AAA 1.5 V batteries in the correct position (see the instructions inside the battery compartment).
- Reinstall the cover on the remote control.

NOTE

- If the remote control is replaced or disposed of, remove the batteries and discard them in accordance with local regulations, as batteries are harmful to the environment.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Do not dispose of batteries in fire. Batteries may explode or leak.
- If the remote control will not be used for an extended period of time, remove the batteries.

COOL MODE

Ideal for hot and humid weather when cooling and dehumidifying the room is required.

To set this mode correctly:

- Press the ⊞ button repeatedly until the ❄ symbol appears.
- Select the target temperature 64°F–90°F (18°C–32°C) by pressing the ∧ or ∨ Decrease button until the desired value is displayed.
- Select the required fan speed by pressing the 🌀 button.
- Four fan speeds are available: High / Medium / Low / Auto.

Low		High	Auto
▂	▂▄	▂▄▆	🌀

HEAT MODE*

***Available on heat pump models only.**

If the appliance is a cooling-only model, selecting Heat mode will automatically switch the unit to Fan mode.

To Set Heat Mode

- Press the button repeatedly until the symbol appears.
- Set the desired temperature using the or button (55°F–81°F / 13°C–27°C).
- Select the fan speed using the button: High / Low / Auto.

Operation Notes

- Moisture is removed from the air and collected in the internal tank.
- When the tank is full, the appliance stops operating and the FL Full Tank indicator appears on the display. Remove the drain cap, empty the water into a basin, then reinstall the cap.
- After the tank is emptied, the appliance will restart automatically.

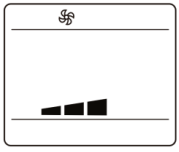
Additional Notes

- When operating in very cold rooms, the appliance may automatically defrost, temporarily interrupting normal operation. Changes in operating noise during this process are normal.
- Hot air output may be delayed for several minutes after startup.
- The fan may continue to operate intermittently even after the set temperature has been reached.

FAN Mode

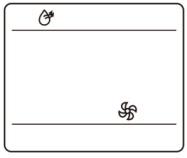
Air exhaust hose is not required.

- Press the button until the symbol appears.
- Select fan speed : High / Low.



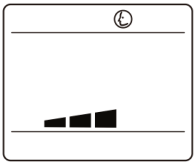
DRY Mode

- Reduces room humidity (ideal for damp or rainy conditions).
- Air exhaust hose must be attached.
- Press the button until the symbol appears.
- Fan speed is set automatically and cannot be adjusted.



SMART Mode

- Press the button until the symbol appears.
- Select fan speed : High / Low / Auto.
- The appliance automatically selects the operating mode based on room temperature.



Cooling-Only Model

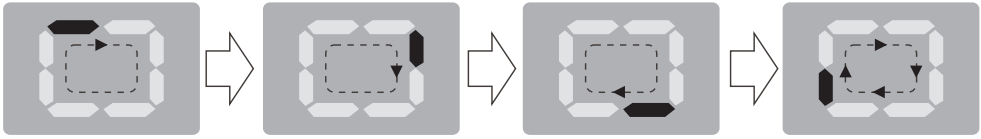
- Below 73°F (23°C): Fan mode
- Above 73°F (23°C): Cool mode

Cooling & Heating Model

- Below 68°F (20°C): Heat mode
- 68°F–73°F (20°C–23°C): Fan mode
- Above 73°F (23°C): Cool mode

Display

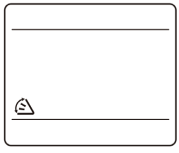
The control panel display cycles continuously during operation.



SLEEP Function

- Ideal for nighttime use with quiet operation.
- Available in Cool, Heat, Dry, and Smart modes.

To Activate:



- Select Cool or Heat mode.
- Press the button. The display dims and fan speed switches to Low.

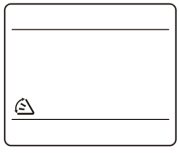
Operation:

- **Cool mode:** Temperature increases 1°F (1°C) per hour for 2 hours, then runs 6 more hours before turning off.
- **Heat mode:** Temperature decreases 1°F (1°C) per hour for 3 hours, then runs 5 more hours before turning off.
- Sleep mode can be canceled by pressing Sleep, Mode, or Fan Speed.

SWING Function

- Adjusts air direction automatically.
- Available in Cool, Dry, and Fan modes.

To Use:



- Press the button to start automatic airflow movement.
- Press again to stop.

SWITCHING THE TEMPERATURE UNIT

When the appliance is operating, press and hold the **°C/°F** button to switch between °F and °C.

Fig1

Fig2

SETTING THE TIMER

The timer allows delayed startup or shutdown to optimize energy usage.

Timer – Start Up

- Set your desired mode, temperature, and fan speed, then turn the unit off.
- Press the ⏲ button twice until the ⏲ and h display flashes.
- Use ∧/∨ to set the time.
- Press ⏲ again to confirm.
- Press ⏲ or ⏻ to cancel.

Fig. 3

Fig. 4

Timer – Shut Down

- While the unit is running, press the ⏲ button.
- Set the time using ∧/∨.
- Press ⏲ again to confirm.
- Press ⏲ or ⏻ to cancel.

Fig. 5

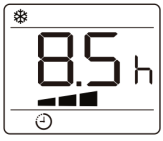
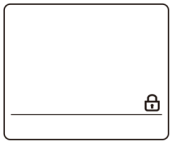


Fig. 6

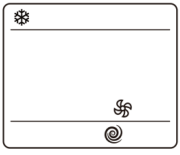
Child Lock

- Press and hold ∧ and ∨ for 3 seconds to lock or unlock.
- When locked, all buttons are disabled.



Turbo Function

- Press ⇄, the 🌀 flash on screen. Then press again to confirm.
- Unit runs in COOL mode, 64°F (18°C), High fan speed for fast cooling.
- Not available in Heat mode.
- Press ⊞, ∧, or ∨ to cancel.



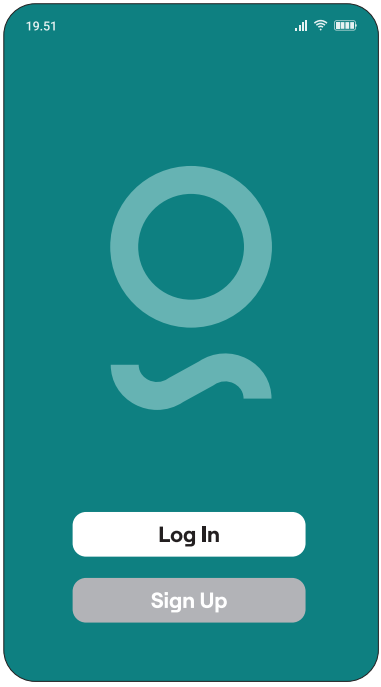
Wi-Fi Setup Guide

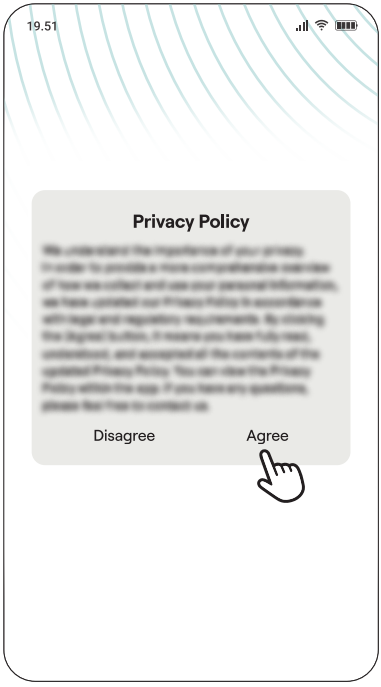
Installing the SereneLife: Smart Home App

1. Go to Google Play Store or Apple App Store and search for "**Smart Home**".

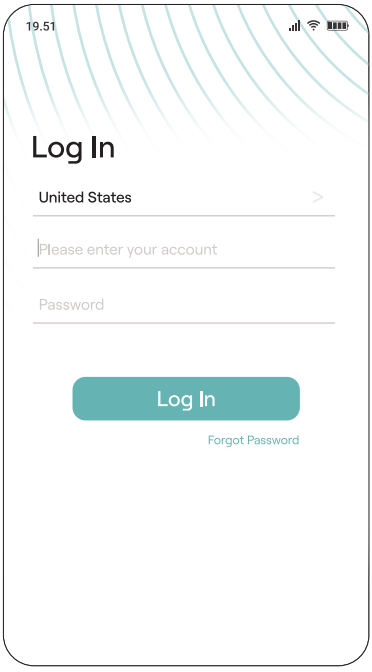
https://links.serenelifehome.com/serenelife-app

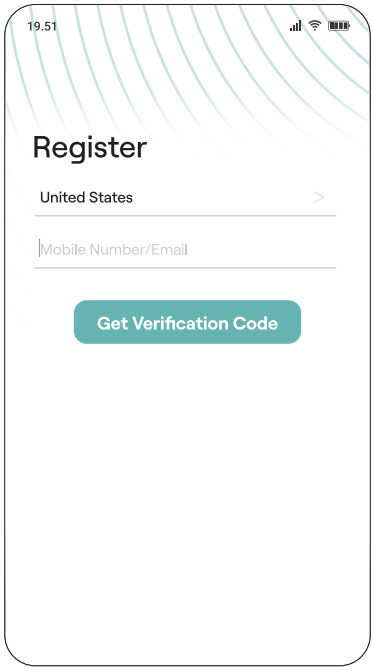
2. Open the app and register an account or log in.
   - New users: Tap "Sign Up".
   - Existing users: Log in with your Smart Home account credentials.

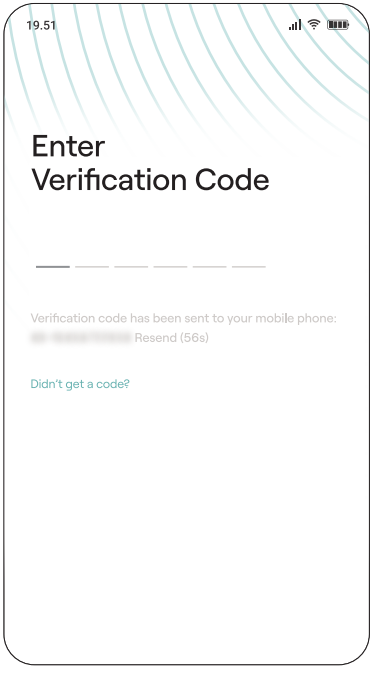




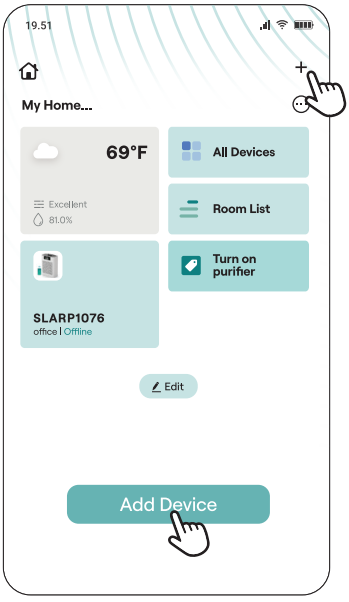
Tap on "Agree" to go to the registration page.

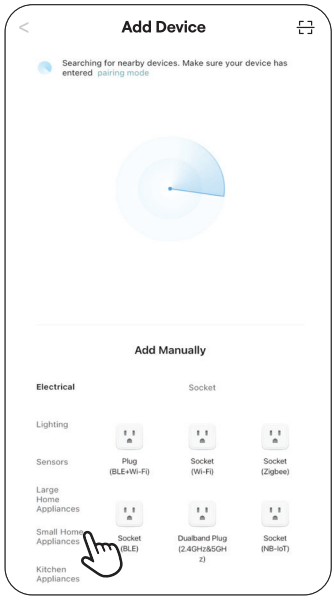

19.51
Log In
United States
Please enter your account
Password
Log In
Forgot Password

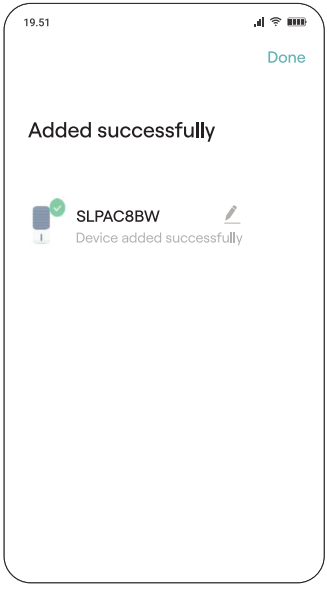

19.51
Register
United States
Mobile Number/Email
Get Verification Code


19.51
Enter
Verification Code
Verification code has been sent to your mobile phone:
Resend (56s)
Didn't get a code?

- Open the Smart Home app and tap "Add Device" or the "+" symbol.
- Select your device and enter the WiFi password of the network your smartphone is connected to.

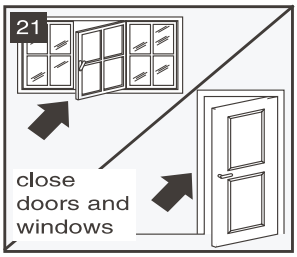


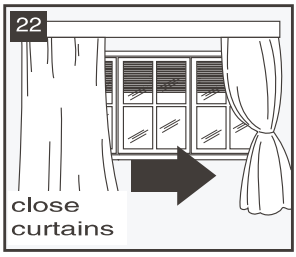


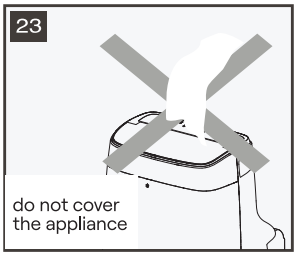


TIPS FOR CORRECT USE

To get the best performance from your appliance, follow these recommendations:







- Close all windows and doors in the room being air-conditioned (Fig. 21). When installing the appliance semi-permanently, leave a door slightly open (about 0.4 in / 1 cm) to ensure proper ventilation.
- Protect the room from direct sunlight by partially closing curtains and/or blinds. This helps reduce energy consumption (Fig. 22).
- Never place objects on top of the appliance.
- Do not block the air inlet or outlet. Restricted airflow will reduce performance and may damage the unit (Fig. 23).
- Make sure there are no heat sources in the room.
- Never use the appliance in very damp rooms (such as laundries).
- Never use the appliance outdoors.
- Ensure the appliance is placed on a level surface. If necessary, lock the front caster wheels.

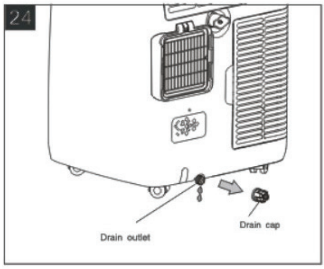
WATER DRAINAGE METHOD

When excessive condensation builds up inside the unit, the appliance will stop operating and display "**Ft**" (FULL TANK, as described in the Self-Diagnosis section). This indicates that the water must be drained using one of the methods below.

Manual Draining (Fig. 24)

Manual draining may be required in areas with high humidity.

1. Unplug the unit from the power source.
2. Place a drain pan under the lower drain outlet.
3. Remove the lower drain plug.
4. Water will drain out and collect in the pan (not supplied).

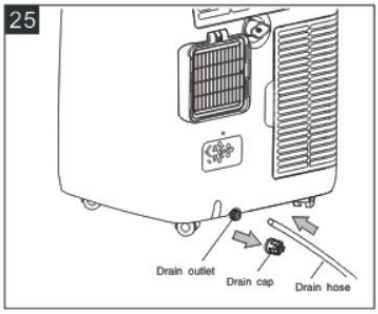


5. After draining is complete, securely replace the drain plug.
6. Turn the unit back on.

Continuous Drain (Heat Models)

- Recommended in Heat mode.
- Unplug the unit and remove the drain plug.
- Connect a 1/2 in (12.7 mm) drain hose.
- Drain water into a floor drain or bucket.
- Restart the unit.

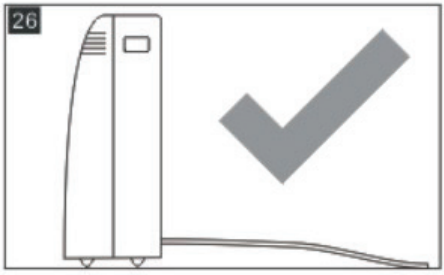
25



Notes:

- Drain hose must be lower than the drain outlet.

26



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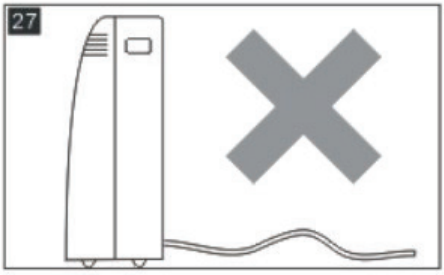
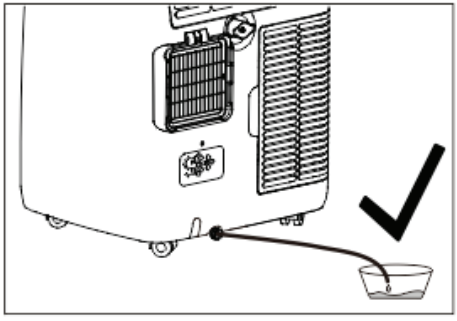
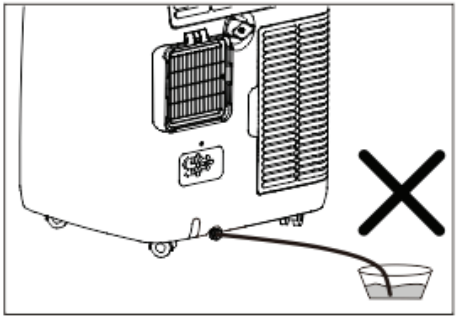


- Do not submerge the hose end in water.

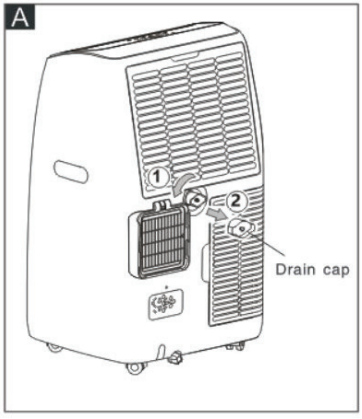


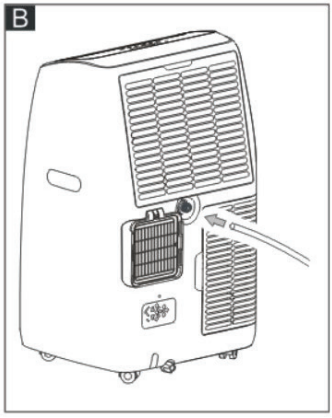


MIDDLE DRAINAGE

When the unit is operating in Dry mode, you can use the following method for drainage:

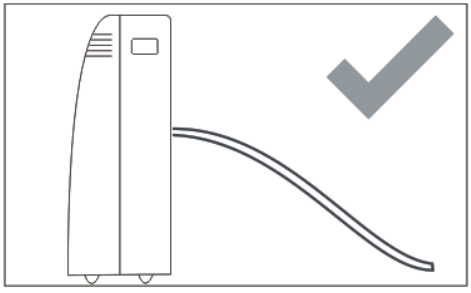
1. Unplug the unit from the power source.
2. Remove the drain plug (see Fig. A). Some residual water may spill during this step, so place a pan or container underneath to collect the water.
3. Connect a drain hose (1/2 in / 12.7 mm, hose may not be included) to the drain outlet (see Fig. B).
4. Allow the water to drain continuously through the hose into a floor drain or a bucket.
5. Turn on the unit.

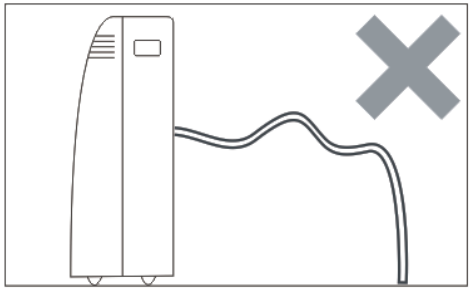




NOTE

Ensure that the height and routing of the drain hose are not higher than the drain outlet. Otherwise, the water tank may not drain properly (see Fig. 26 and Fig. 27).





CLEANING

Before cleaning or performing maintenance, turn off the appliance by pressing the Power button on the control panel or remote control. Wait a few minutes, then unplug the appliance from the power outlet.

CLEANING THE CABINET

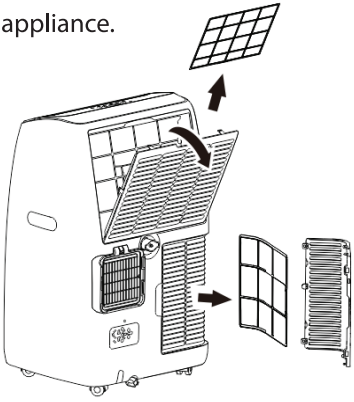
Clean the appliance using a slightly damp cloth, then dry it with a dry cloth.

- Never wash the appliance with water. This could be dangerous.
- Never use gasoline, alcohol, or solvents to clean the appliance.
- Never spray insecticides or similar substances on the appliance.

CLEANING THE AIR FILTERS

To keep the appliance operating efficiently, clean the air filter once every month during operation.

- The filter can be removed as shown in the figure.
- To avoid possible cuts or injury, do not touch the metal parts of the appliance when removing or reinstalling the filter.



Use a vacuum cleaner to remove dust from the filter. If the filter is very dirty, immerse it in warm water and rinse several times. The water temperature must not exceed 104°F (40°C). After washing, allow the filter to dry completely, then reinstall it and attach the intake grille to the appliance.

START–END OF SEASON OPERATIONS

START OF SEASON CHECKS

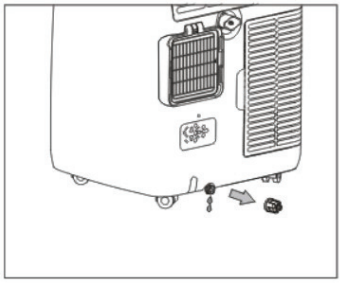
Make sure the power cord and plug are not damaged. Ensure the grounding system is working properly. Follow the installation instructions carefully.

END OF SEASON OPERATIONS

- To completely empty the internal water circuit, remove the drain cap.
- Drain all remaining water into a basin.
- Once all water has drained, reinstall the cap.
- Clean the filter and allow it to dry thoroughly before reinstalling it.

Operating Temperature Range (Maximum Limits):

- Cooling Mode: 64°F–95°F (18°C–35°C)
- Heating Mode: 50°F–77°F (10°C–25°C)



TROUBLESHOOTING

The appliance does not turn on

Possible Causes:

- No power supply
- Unit is not plugged in
- Internal safety device has activated

Solutions:

- Wait for power to be restored
- Plug the unit into a power outlet
- Wait 30 minutes; if the issue persists, contact customer service

The appliance operates for a short time only

Possible Causes:

- Air exhaust hose is bent
- Air discharge is obstructed

Solutions:

- Reposition the exhaust hose, keeping it short and straight
- Remove any obstacles blocking airflow

The appliance runs but does not cool the room

Possible Causes:

- Doors, windows, or curtains are open
- Heat sources are present (oven, hair dryer, etc.)
- Exhaust hose is disconnected
- Unit capacity is insufficient for the room size

Solutions:

- Close doors, windows, and curtains
- Remove heat sources
- Reattach the exhaust hose securely

Unpleasant odor during operation
Possible Cause: Air filter is dirty

Solution: Clean the air filter as described above

The appliance does not restart immediately
Cause: Compressor safety delay (approximately 3 minutes)

Solution: Wait. This is normal operation.

Error message displayed (PF/FL)
Cause: Self-diagnosis system has detected a malfunction

Solution: Refer to the Self-Diagnosis section

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