

SerenLife



SLACSP12W

spot cooler
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 ----- 03

WARNING ----- 05

UNPACKING INSTRUCTIONS ----- 07

CONTROL PANEL & FUNCTION DESCRIPTION ----- 08

REMOTE CONTROL FUNCTIONS ----- 10

WI-FI SETUP GUIDE ----- 11

MAINTENANCE ----- 14

TROUBLESHOOTING ----- 20

CLEANING AND STORAGE ----- 21

REGISTER PRODUCT ----- 21



Unique Elements:

- The Cold Air Outlet Connector Attaches to an Exhaust Duct to Direct Cold Air where Needed for Efficient Cooling.
- Delivers either Hot or Cold Air Depending on the Operating Mode Selected
- Ideal for Targeted Spot Cooling, Offering Personalized Comfort and Reducing Energy Consumption in Larger Areas.

Features:

- Lightweight & Portable AC Unit
- Compact, Freestanding AC Unit with Heating Capability
- 3 Operation Modes: AC Cool, Heat, Dehumidifier
- Quick and Easy Setup for Cooling and Heating
- Simple, Plug and Play Operation
- Smart Wi-Fi Control via Tuya Smart App (iOS & Android)
- Adjustable Temperature Control with Air Circulation Function
- Adjustable Air Vents for Improved Circulation
- Touch Button Control Panel with Digital 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 with Low Power Consumption
- Low Noise Level DC Motor
- Rolling Wheels for Easy Portability
- Ideal for Home, Office, or Business Use

What's in the Box:

- Spot AC Unit
- (2) Exhaust Hose
- Window Installation Plate
- Hose Connector
- Remote Control
- Batteries
- Hot Air Outlet Connector

Technical Specs:

- Construction Material: Engineered ABS+HIPS Housing
- Special Features: Dehumidifier
- Installation Type: Cabinet, Small Room
- Controller Type: Remote Control and WIFI
- Capacity: 2.5 L/hour
- Refrigerant Type: R32
- Cooling Capacity (ASHRAE): 12000 Btu/h
- Cooling Capacity (DOE): 9000 Btu/h
- Heating Power: 12,000 BTU
- Power Supply: 115V/60Hz
- Operating Temperature Range: Cooling: 63°F – 95°F (17°C – 35°C)
Heating: 41°F – 73°F (5°C – 23°C)
- Rated Power: 1200 Watt
- Energy Efficiency Ratio: 7.6
- Air Flow: 500 Cubic Meters / Hour
- Operating Modes: Cool / Heat / Dry (Dehumidifier)
- Moisture Removal / Dehumidifier: 2.5 Liters / Hour
- Operating Noise Level: 65 dBA
- Fan Speed Settings: Low/Medium/High/Auto
- Temperature Unit Selectable: °F / °C (Fahrenheit / Celsius)
- Adjustable Timer Settings: Up to 24 Hours
- Battery Operated Remote Control, Requires (2) x 'AAA' Batteries (Included)
- Remote Control Battery Life: 5 years
- Battery Voltage: 1.5V
- Item Weight: 65.7 lbs.
- Hose Length: 4.9 ft.
- Power Cable Length: 5.9 ft.
- Product Dimensions (L x W x H): 21.65 x 11.81 x 29.92 -Inches

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

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

WARNING

This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or by persons lacking experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.



Refrigerant
Safety Group
A2L

Appliance filled with
flammable gas R32

A damaged power supply cord must be replaced with a new power supply cord obtained from the product manufacturer and must not be repaired.

VERY IMPORTANT

Do not install or use your portable air conditioner before carefully reading this instruction guide. Please retain this manual brochure for product warranty and future reference.

CAUTION

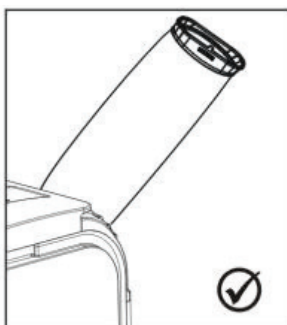
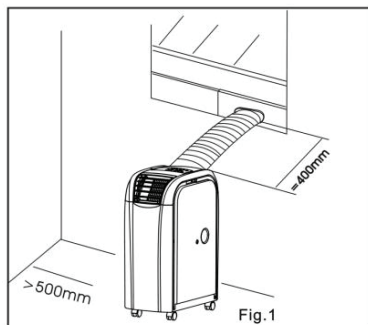
1. **DO NOT BLOCK VENTILATION!** Ensure that the air inlet and outlet vents are not blocked at all times.
2. Operate this unit on a level, horizontal surface to avoid water leakage.
3. Do not operate this unit in an explosive or corrosive atmosphere.
4. Operate this unit within an ambient temperature of 63–95°F (17–35°C) when using the cooling function. When using the heating function, the ambient temperature range is 41–73°F (5–23°C).
5. Clean the air filter periodically to maintain efficient cooling.
6. When the unit is turned off, wait at least 3.5 minutes before restarting to prevent compressor damage.
7. This unit requires at least 10 amps of electrical current for compressor operation.
To avoid electrical overload, do not use any extension cord with this unit.
8. This unit is designed for indoor cooling, heating, and dehumidifying only.

9. During startup, the fan will operate first, and the compressor will start after the cooling indicator flashes for 3 minutes. In heating mode, the heating indicator will flash for 3.5 minutes before the compressor and fan start.
10. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid hazards.
11. Batteries must be removed from the appliance before it is scrapped and disposed of safely.
12. The air conditioner may only be connected to a power supply with a system impedance of no more than 0.219Ω . If necessary, consult your local power supply authority.
13. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or by persons lacking experience and knowledge, unless properly supervised or instructed. Children must be supervised to ensure they do not play with the appliance.
14. If the unit must be discarded, the batteries must be removed and disposed of safely first.

ATTENTION

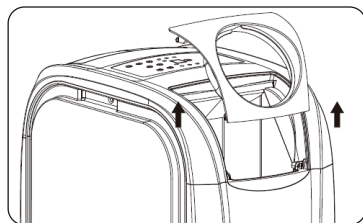
For effective heating and cooling performance, please ensure the following:

1. Extend the exhaust hose to a length of no more than 15.7 inches (400 mm).
The exhaust hose must be kept level and must not be bent upward or downward.
2. Maintain a minimum distance of 19.7 inches (500 mm) between the filter side of the unit and surrounding objects.
3. When this appliance enters defrost mode, "DF" will be displayed on the LED screen.



UNPACKING INSTRUCTIONS

1. Place the unit in the correct upright position before unpacking.
2. Cut the two packing straps.
3. Slide the carton upward to release it from the base.
4. Grip the carry handles on both sides of the unit and carefully lift until it slides out of the foam base.
5. Disconnect the tie inside the exhaust tube and remove the exhaust tube.
6. Install the exhaust tube on the unit before operating.



NAME OF THE PARTS

1. Control panel

2. Remote control receiver

3. Adjustable air vent

4. Joint tube

5. Exhaust tube

6. Upper drain pipe

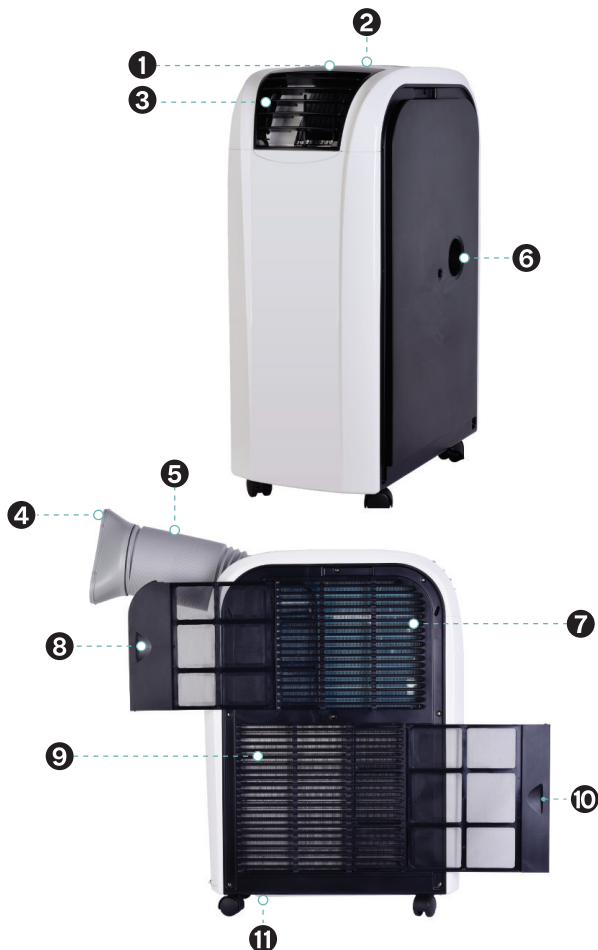
7. Cool air inlet

8. Cool air filter

9. Hot air inlet

10. Hot air filter

11. Drain pipe



CONTROL PANEL & FUNCTION DESCRIPTION



	Cooling		HI
	Heating		MID
	Dehumidity		LOW
	Sleep		AUTO
	WiFi		

- 1. **POWER KEY:** Press to turn the unit ON or OFF.
- 2. **FUNCTION KEY:** Press to select cooling, heating, or dehumidification mode.
- 3. **TEMPERATURE UP KEY:**
 - In cooling mode: Increases the set temperature by 1.8°F (1°C) per press, up to 86°F (30°C).
 - In heating mode: Increases the set temperature by 1.8°F (1°C) per press, up to 77°F (25°C).
- 4. **TEMPERATURE DOWN KEY**
 - **In cooling mode:** Decreases the set temperature by 1.8°F (1°C) per press, down to 63°F (17°C).
 - **In heating mode:** Decreases the set temperature by 1.8°F (1°C) per press, down to 59°F (15°C).
- 5. **LED DISPLAY:** Displays the current room temperature, set temperature, or timer setting. When adjusted, the new setting is briefly shown before returning to the current temperature display. The display also shows error codes if a fault occurs (see ERROR CODES).



6. **FAN SPEED:** Press to select LOW, MEDIUM, HIGH, or AUTO fan speed.

When AUTO is selected in cooling mode, the fan speed is automatically adjusted based on the difference between the set temperature and room temperature.

Note: In heating mode and dehumidification mode, the fan speed setting is not adjustable because the unit is preset to high speed in heating mode and low speed in dehumidification mode.

7. **PROGRAMMABLE TIMER:** Used to automatically turn the unit ON or OFF.

TIMER ON:

1. Press the TIMER key in standby mode to set the desired time.
2. When the set time ends, the unit will automatically turn ON.
3. Press the POWER key before the set time ends to cancel the timer and turn the unit ON immediately.

TIMER OFF:

1. Press the TIMER key while the unit is operating to set the desired OFF time.
2. When the set time ends, the unit will automatically turn OFF.
3. Press the POWER key before the set time ends to cancel the timer and turn the unit OFF immediately.

8. SLEEP CONTROL FUNCTION

1. **In cooling mode:** The temperature increases by 1.8°F (1°C) after 1 hour and by 3.6°F (2°C) after 2 hours, then remains constant.
2. Sleep mode is not available in dehumidification mode.
3. Fan speed remains at LOW during sleep mode.
4. **In heating mode:** The temperature decreases by 1.8°F (1°C) after 1 hour and by 3.6°F (2°C) after 2 hours, then remains constant.

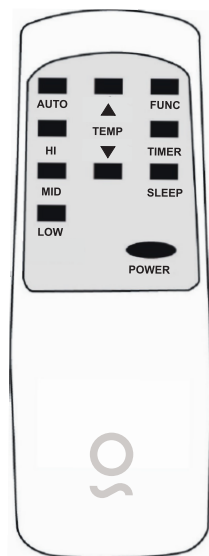
9. ALARM

When the water tank is full, "E4" appears on the display. To resume operation, remove the rubber cap from the drain hose and drain the water. After draining, restart the unit to resume normal operation.

10. **WIFI:** Press and hold the SLEEP button for 3 seconds to enter Wi-Fi setup mode.

REMOTE CONTROL FUNCTIONS

1. **POWER** – Start/Stop switch
2. **FUNC** – Function (MODE) selector
3. **TIMER** – Hourly programming
4. **AUTO** – Automatic fan speed
5. **HI** – High fan speed
6. **MID** – Medium fan speed
7. **LOW** – Low fan speed
8. **SLEEP** – Night operation mode
9. **TEMP.** – Temperature selector



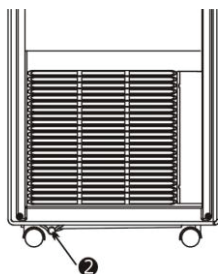
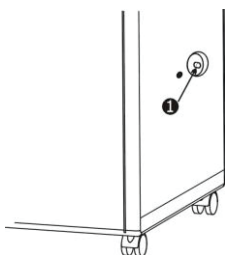
NOTICE

This unit automatically evaporates condensation and expels it through the exhaust hose.

1. When the unit is operating in Cooling mode, the exhaust hose does not need to be installed. Ensure that the rubber cap on the drain hose is securely locked while the unit is running.
2. When operating in Heating mode, remove rubber cap ① from the drain hose and install a suitable drain hose to improve heating performance.
3. When operating in Dehumidifying mode, remove rubber cap ① from the drain hose and install a suitable drain hose.
4. Remove the air exhaust hose, connect a drain hose to the drain outlet, and lead the water outside to enhance dehumidification performance.

When the water tank is full, “E4” will appear on the display panel.

To resume operation, remove rubber cap ② from the drain hose and drain the water. After drainage is complete, restart the unit to resume normal operation.



Wi-Fi Setup Guide

When the portable air conditioner is in standby mode, press and hold the **SLEEP** button for 3 seconds. The Wi-Fi indicator will flash, indicating that the unit has entered Wi-Fi setup mode



Installing the SereneLife: Smart Home App

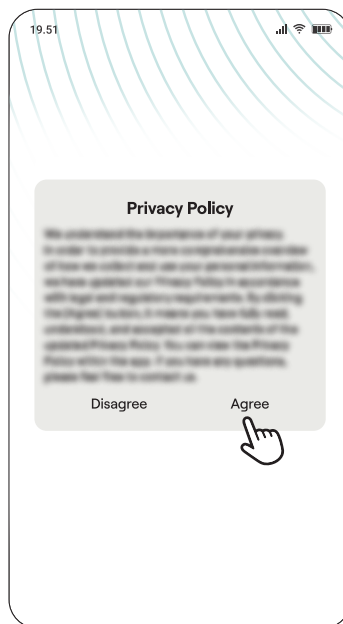
1. Go to Google Play Store or Apple App Store and search for **"Smart Home"**.



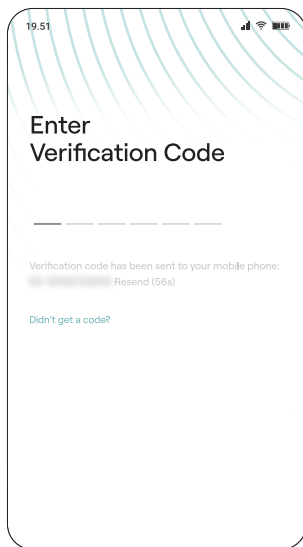
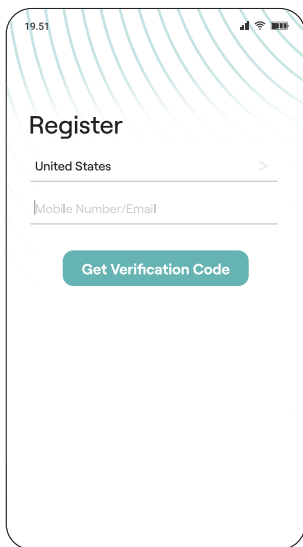
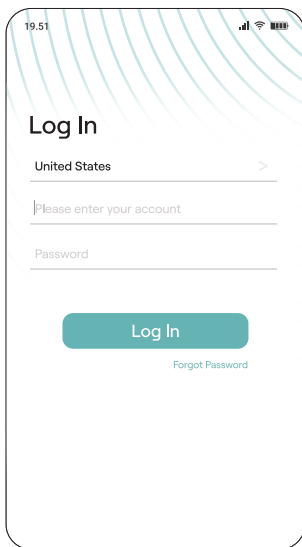
<https://links.serenelifehome.com/serenelife-app>

2. Open the app and register an account or log in.

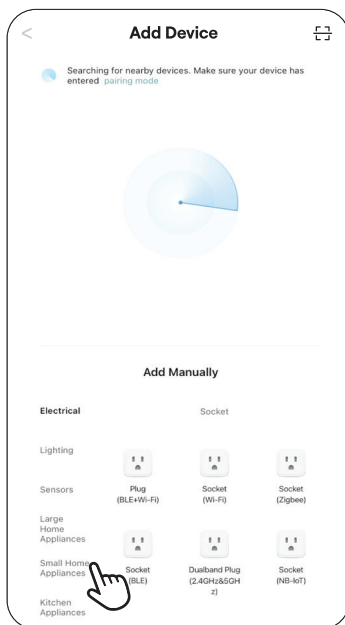
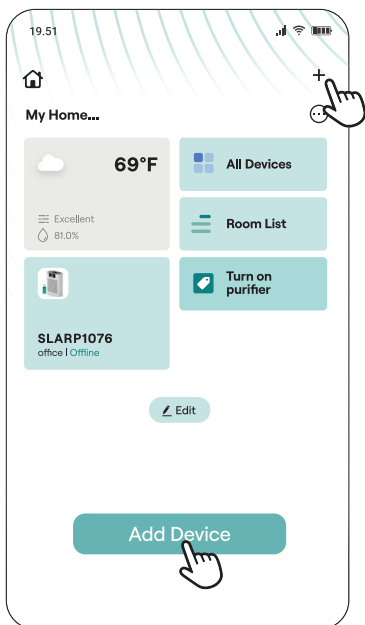
- New users: Tap "Sign Up".
- Existing users: Log in with your Smart Home account credentials.



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



- 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.



Select 2.4 GHz WiFi
Network and enter
password.

If your WiFi is 5GHz, please set it to
be 2.4GHz. [Common router setting
method](#)

❌ WiFi - 5GHz

✅ WiFi - 5GHz

SereneLife

John123456

Next

- Once pairing is complete, you can control the device remotely.

19:51 Done

Added successfully

SLACSP12W

Device added successfully

MAINTENANCE

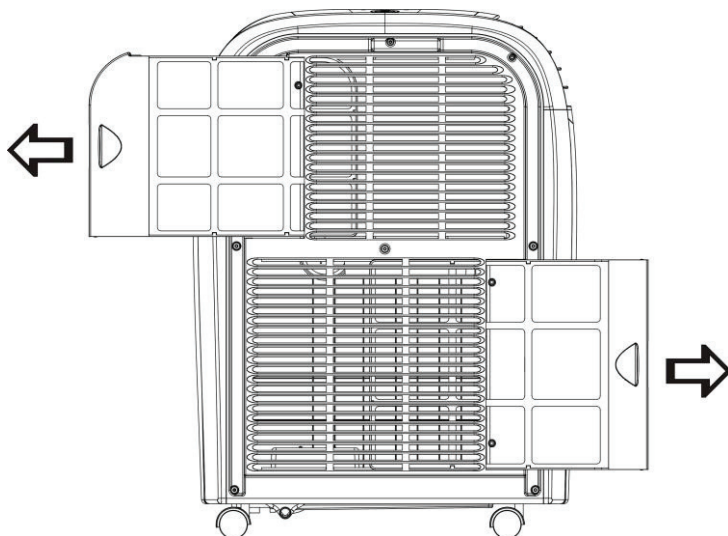
PLEASE DISCONNECT THE POWER CORD BEFORE CLEANING.

Air Filter

The air filter is located on the left side of the unit. Remove it by pulling the filter frame upward.

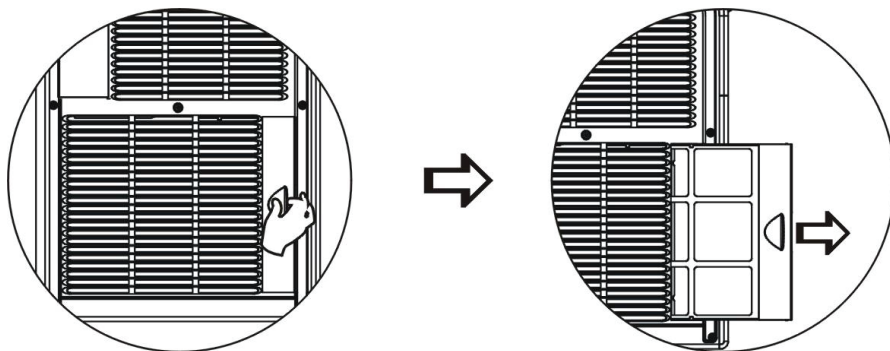
Condenser/Evaporator

Clean using a vacuum cleaner with a brush attachment.



Cabinet

Wipe with a damp cloth, then polish with a soft, dry cloth. To clean the air filter, follow the arrow direction, gently push the filter, and then remove it for cleaning.



POWER SUPPLY

1. Confirm that the power supply is correct.
2. Insert the plug firmly into the outlet. To prevent electrical hazards, avoid damaging or scarring the AC power cord.
3. Do not pull the power cord forcefully, as this may damage the cord.



PLACE FOR USE

1. Since the unit expels hot air, do not operate it in a narrow or enclosed space.
2. Do not operate the unit in humid environments to avoid electrical hazards.
3. Do not place the unit in direct sunlight, as prolonged exposure may cause the exterior color to fade.

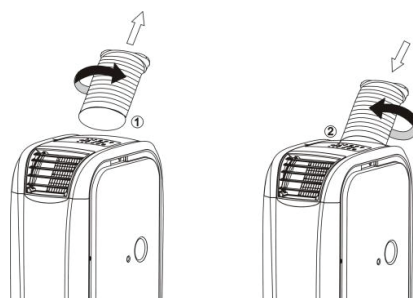
HELPFUL HINTS

- This unit is equipped with a thermal cut-off safety device.
- Ensure the unit is not placed against objects that may block air intake, such as furniture or curtains, as this will significantly affect performance.
- Do not place the unit in direct sunlight, as this may cause overheating and automatic shutdown.

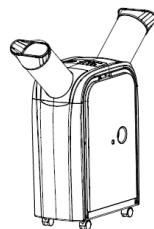
EXHAUST TUBE INSTALLATION

A:

1. Rotate the exhaust pipe in the direction indicated by arrow ① to remove it from the unit.
2. Rotate the exhaust pipe in the direction indicated by arrow ② to reconnect it to the unit.



- B:** Connect the hot air outlet joint to the cold air inlet joint, then attach the two exhaust pipes.



HOW TO USE THE HEATING FUNCTION

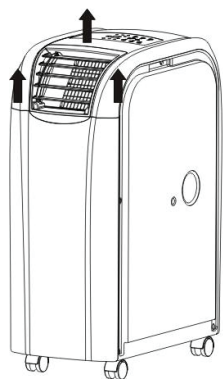


Fig. 01

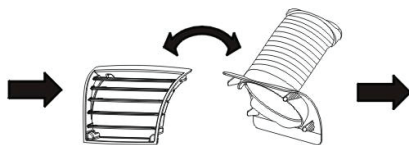


Fig. 02

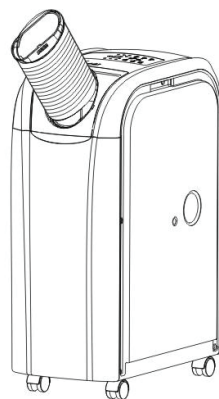


Fig. 03

When operating the heating function:

Disassemble the outlet subassembly and the exhaust pipe subassembly following the arrow direction shown in Fig. 01, then exchange the two subassemblies for installation. The completed installation is shown in Fig. 03.

INSTRUCTIONS FOR REPAIRING APPLIANCES CONTAINING R32

WARNING

- Do not use methods to accelerate the defrosting process or to clean the appliance other than those recommended by the manufacturer.
- The appliance must be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance, or an operating electric heater).
- Do not pierce or burn the appliance.
- Be aware that refrigerants may be odorless.

Qualification of Workers

All maintenance, service, and repair procedures that affect safety shall be carried out only by qualified and competent personnel.

Examples of such procedures include:

- Breaking into the refrigerating circuit
- Opening sealed components
- Opening ventilated enclosures

Checks to the Area

Before beginning work on systems containing flammable refrigerants, safety checks must be conducted to minimize the risk of ignition.

Work Procedure

Work shall be carried out under controlled conditions to minimize the risk of flammable gas or vapor being present during service.

General Work Area

- All personnel working in the area shall be informed of the nature of the work being performed.
- Work in confined spaces should be avoided.

Checking for Presence of Refrigerant

- The area must be checked with an appropriate refrigerant detector before and during work.
- Ensure leak detection equipment is suitable for flammable refrigerants (non-sparking, sealed, or intrinsically safe).
- Detection equipment must be calibrated in a refrigerant-free area.

Presence of Fire Extinguisher

- If hot work is required, appropriate fire extinguishing equipment must be available.
- Keep a dry powder or CO₂ fire extinguisher near the charging area.

No Ignition Sources

- No ignition sources may be used when working on refrigerating systems that expose pipework.
- Smoking and all ignition sources must be kept well away from the work area.
- "No Smoking" signs must be clearly displayed.

Ventilated Area

- Ensure the area is open or adequately ventilated before opening the system or performing hot work.
- Ventilation must continue throughout the work process.
- Released refrigerant should be safely dispersed, preferably vented outdoors.

Checks to the Refrigerating Equipment

The following checks apply to systems using flammable refrigerants:

- Refrigerant charge complies with room size requirements.
- Ventilation systems and outlets are unobstructed and operational.
- Secondary circuits (if used) are checked for refrigerant presence.
- Equipment markings remain visible and legible.
- Refrigerant piping is protected against corrosion or constructed of corrosion-resistant materials.

Checks to Electrical Devices

Electrical repairs and maintenance must include safety checks:

- Capacitors must be safely discharged to prevent sparking.
- No live electrical components may be exposed during servicing.
- Earth grounding continuity must be verified.

If a safety fault exists, the electrical supply must not be connected until corrected. Temporary solutions must be reported to the equipment owner.

Repairs to Sealed Components

Sealed electrical components must be replaced, not repaired.

Repairs to Intrinsically Safe Components

Intrinsically safe components must be replaced, not repaired.

Cabling

- Inspect cabling for wear, corrosion, vibration, sharp edges, or pressure.
- Consider aging and vibration from compressors or fans.

Detection of Flammable Refrigerants

- Never use ignition sources to detect leaks.
- Halide torches or naked flame detectors must not be used.

Acceptable Leak Detection Methods

- Electronic leak detectors (calibrated and non-sparking)
- Leak detection fluids (chlorine-free detergents only)

If a leak is found:

- Extinguish all open flames immediately.
- Recover refrigerant before brazing or repair.

Removal and Evacuation

Follow conventional procedures with additional precautions for flammable refrigerants:

- Recover refrigerant in accordance with local regulations.
 - Evacuate the system.
 - Purge with oxygen-free nitrogen (A2L optional).
 - Vent safely before opening the circuit.
- Compressed air or oxygen must never be used.

Charging Procedures

In addition to standard charging procedures:

- Prevent cross-contamination of refrigerants.
- Keep hoses as short as possible.
- Ensure the system is properly grounded.
- Do not overfill the system.
- Perform pressure testing and leak testing before commissioning.

Decommissioning

- Ensure the technician is fully familiar with the equipment.
- Recover all refrigerant safely.
- Isolate electrical power before work begins.
- Do not exceed 80% liquid fill capacity in recovery cylinders.
- Recovered refrigerant must not be reused unless cleaned and verified.

Labeling

- Equipment must be labeled as decommissioned and refrigerant-free.
- Labels must be dated and signed.
- Equipment containing flammable refrigerant must be clearly marked.

Recovery

- Use only approved refrigerant recovery cylinders.
- Do not mix refrigerants.
- Cylinders must be evacuated and pressure-relieved.
- Oil removal must be performed safely without ignition sources.

TROUBLESHOOTING

E1 – Temperature Sensor & PCB Short Circuit

- **Possible Cause:** Electrical short between the temperature sensor and the PCB
- **Solution:** Contact a qualified electrician for repair

E2 – Temperature Sensor Wiring Short Circuit

- **Possible Cause:** Electrical short between the temperature sensor copper tube and PCB wiring
- **Solution:** Contact a qualified electrician for repair

E4 – Water Tank Full or Plug Wiring Issue

- **Possible Cause:**
 - Water tank is full
 - Incorrect wiring of the power plug
- **Solution:**
 - Pull out the rubber stopper located at the bottom of the unit to drain the water
 - Check that the power plug is wired correctly

DISPOSAL INFORMATION

This marking indicates that this product must not be disposed of with household waste within the EU. Recycle responsibly through approved collection systems or contact the retailer for environmentally safe disposal.



CLEANING AND STORAGE

Cleaning

- Turn off and unplug the unit before cleaning.
- Clean the exterior surfaces with a soft, damp cloth. Dry with a clean cloth.
- Do not use gasoline, solvents, abrasive cleaners, or corrosive chemicals.
- **Remove and clean the air filter regularly:**
 - Rinse with warm water or vacuum to remove dust.
 - Allow the filter to dry completely before reinstalling.
- Keep air inlets and outlets free of dust and obstructions.

Storage

- Turn off the unit and disconnect the power cord.
- Drain all remaining water from the unit before storage.
- Remove the exhaust hose and store it separately if applicable.
- Store the unit in a cool, dry place, away from direct sunlight, heat, or moisture.
- Do not place heavy objects on top of the unit during storage.
- When storing for long periods, cover the unit to protect it from dust.

Register Product

Thank you for choosing SereneLife. By registering your product, you ensure that you receive the full benefits of our exclusive warranty and personalized customer support. Complete the form to access expert support and to keep your SereneLife purchase in perfect condition.

Start Here



Model Number:

SLACSP12W

[Serenelifehome.com/pages/register](https://serenelifehome.com/pages/register)



questions? comments?

We are here to help!

Phone: 1.718.535.1800

[serenelifehome.com/contact us](https://serenelifehome.com/contact-us)