

Serenelife



SLDHUCLSP70

**crawl space
dehumidifier**

user manual

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SCAN ME

serenelifehome.com

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

Table of Contents

FEATURES AND TECHNICAL SPECS	03
INSTALLATION REQUIREMENTS	04
INSTALLATION	04
PARTS LIST	05
FUNCTIONS OF KEYS	06
WALL-MOUNTED CONTROLLER OVERVIEW	07
AUTOMATIC DEFROST FUNCTION	07
MAINTENANCE	07
ERROR MESSAGES	08
ERROR ANALYSIS	09
REGISTER PRODUCT	09

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

Features:

- Removes up to 120 pints (58L) of Moisture Per day for Efficient Humidity Control
- Energy-efficient for Low-cost Operation
- Compact for Easy Portability
- Automatic Humidity Control for Preferred Levels
- MERV-8 filter Captures Dust, Allergens, and Airborne Particles
- Ideal for Basements, Crawl Spaces, and Damp Areas
- Multi-function: Dehumidification, Ventilation, Auto Defrost, and Timer Settings

What's in the Box:

- Crawl Space Dehumidifier
- Hose (3.28 ft)

Technical Specs:

- Construction Material: Sheet Metal with a High-quality Powder Coating Process, Effectively Provides Corrosion Resistance to Dehumidifier Surfaces
- Power Consumption: 380W
- Voltage: 110V/60Hz (US Market)
- Noise Level: ≤ 32 dB
- Refrigerant Type: R32
- Temperature Range: 41°F to 100°F (5°C to 38°C)
- Dehumidification Capacity: 120 Pints/day (90%RH, 90°F)
- Airflow Volume: 450 m³/h (265 CFM)
- Drainage: Continuous Drainage Option via Hose
- Hose Length: 3.28 ft
- Item Weight: 44 Lbs
- Product Dimensions (L x W x H): 23.4 x 13 x 13 Inches

Installation Requirements

- The area where the dehumidifier is located should be sealed with a vapor barrier.
- If the unit is installed in a crawl space, all vents should be sealed.
- For best air diffusion, install the unit so that a side panel faces the wall.
- For proper ventilation, neither the air inlet nor the discharge should be positioned against a wall.
 - The inlet requires a minimum of 12 in (30.5 cm) clearance.
 - The discharge requires a minimum of 36 in (91.4 cm) clearance.
- The dehumidifier is intended to operate only when upright and level, with the feet on the ground.

Installation

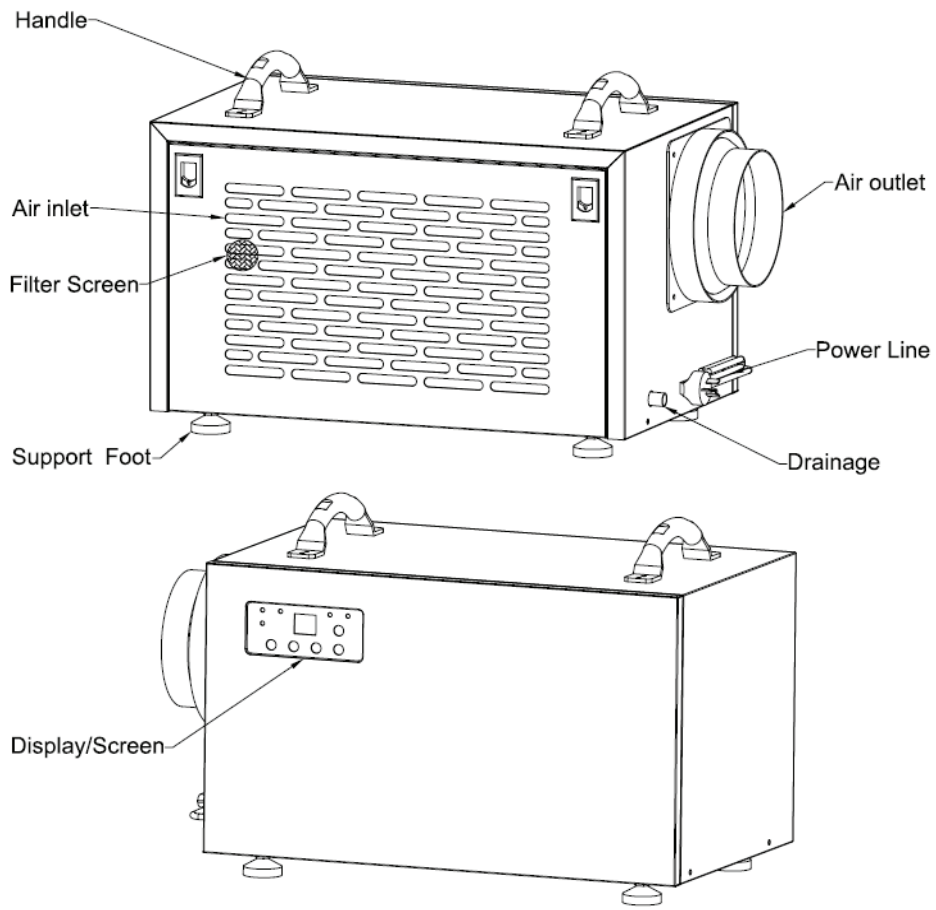
1. Placement

- Place the dehumidifier on a flat, level surface.
- Avoid placing it directly against a vapor barrier. Do not use any object to support the base.
- Always place the unit directly on the floor.
- If the unit was placed in any position other than upright, set it upright and allow it to stand for 2 hours before turning it on.

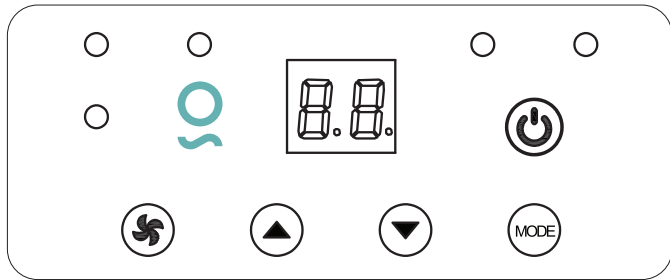
2. Drainage Setup

- Route the drain hose to a suitable drainage location outside.
- Ensure there are no loops or dips in the drain hose.
- Seal the area where the dehumidifier is installed using a vapor barrier.
- Seal all openings if the unit is installed in a crawl space.
- Avoid placing the inlet and outlet against a wall to ensure proper ventilation.
 - Maintain 12 in (30.5 cm) clearance at the inlet.
 - Maintain 36 in (91.4 cm) clearance at the discharge.
- Position the side panel facing the wall for optimal air diffusion.
- The unit must be placed upright on a level surface with its feet on the ground.
- Always switch off or unplug the unit before performing maintenance.

Parts List



Keys and Display Symbols



Functions of Keys

- **Power Button** : Turns the dehumidifier on and off.

Note: There is a 1-minute fan delay after operation.

- **▲/▼ Buttons:**

- Adjust the desired humidity level or set the timer shutdown time.
- Humidity setting range: 10%–99%
- Timer setting range: 00–23 hours

- **MODE Button:**

- Each short press cycles through:
 - Set humidity value
 - Set dehumidification/ventilation mode
 - Set timer on/off
 - Exit

Function Description

Adjust Wind Speed: Press the  button briefly to adjust.

Set Humidity Level:

- Press the mode button briefly until the humidity value flashes.
- Use the up/down buttons to adjust.

Ventilation/Dehumidification Mode:

- Press the Mode (M) key twice.
- Use the up/down buttons to switch modes.

Set Delay Timer:

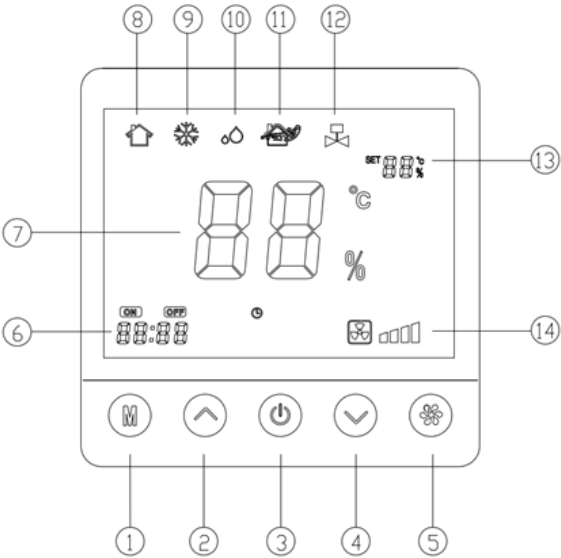
- Press the mode button 3 times to set delayed power-on time (display ON).
- Adjust using the up/down buttons.
- Press the mode button 4 times to set delayed power-off time (display OFF).
- Adjust using the up/down buttons.

Remote Control Instructions (Optional)

- The dehumidifier can be controlled using an optional wall-mounted controller connected via a 25 ft (7.6 m) CAT5 cable.
- If installed in a crawl space, the controller can be mounted in a living area or garage for convenient monitoring.

Wall-Mounted Controller Overview

No.	Description
1	Mode (M) Key
2	Up Key
3	Power Key
4	Down Key
5	Wind Speed Key
6	Delay Timer Display
7	Ambient Humidity Display
8	Power Indicator Icon
9	Defrost Icon
10	Dehumidification Icon
11	Ventilation Icon
12	Water Pump Indicator
13	Humidity Setting Display
14	Wind Speed Display



Automatic Defrost Function

At low temperatures, the unit will automatically start defrosting.

- During defrosting, the fan continues to operate normally.
- The compressor will automatically turn off.
- The defrost indicator light will illuminate red.

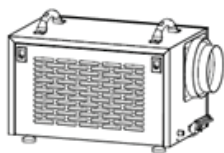
Maintenance

WARNING: Always unplug the unit before performing any maintenance.

Cleaning the Unit

- Use a soft, damp cloth to clean the exterior.
- Do not use soap or solvents.

Filter Replacement (DH-70)



1. Unplug the unit.
2. Open the air inlet plate (secured by clips) and remove the filter.
3. Vacuum or replace the filter as needed.
 - The filter should be replaced every 2 months of use.

Important Instructions

- The compressor will start 3 minutes after the unit is turned on.
- During defrosting, the fan operates normally while the compressor shuts off.
- Replace the filter every 2 months.
- Maintain a safe distance between walls and air inlet/outlet.
- Unplug the unit if it will not be used for an extended period.
- Do not tilt the unit more than 45° during operation or transport.
- If the unit has been tilted, do not operate it for at least 12 hours.

Error Messages

• E1 – Coil Sensor Error

- **Solution:** Replace the coil sensor

• E2 – Moisture Sensor Error

- **Solution:** Replace the moisture sensor

• E3 – Temperature Sensor Error

- **Solution:** Replace the temperature sensor

- **If an error occurs, the display will show the corresponding code.**

Error Analysis

Dehumidifier Does Not Operate

- **Causes:**

- No power supply
- Power plug not properly connected
- Drain pipe is blocked

- **Solutions:**

- Turn on the power supply
- Plug in the unit properly
- Clear the drain pipe

Poor Dehumidification Performance

- **Causes:**

- Air inlet or outlet is blocked
- Room is not properly sealed
- Low room temperature

- **Solutions:**

- Unblock the air inlet and outlet
- Close all doors and windows
- **Note:** Lower room temperatures reduce dehumidification performance

High Noise Level

- **Causes:**

- Unit is not placed on a level surface
- Air inlet or outlet is blocked

- **Solutions:**

- Place the unit on a level surface
- Unblock the air inlet and outlet

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.

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questions? comments?

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