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## VIVOSUN VSE-ALC08

# VIVOSUN AeroLush C08 Smart Air Conditioner User Manual

Model: VSE-ALC08 | Brand: VIVOSUN

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your VIVOSUN AeroLush C08 Smart Air Conditioner. The AeroLush C08 is an 8000 BTU, 4-in-1 multi-functional unit designed to provide superior climate control for growing environments, featuring cooling, drying, heating, and fan modes. It includes a precise temperature and humidity sensor probe and smart remote control capabilities for optimal plant growth conditions.



Figure 1: VIVOSUN AeroLush C08 Smart Air Conditioner. This image shows the sleek black design of the portable air conditioner with air visibly flowing from its vent.

## 2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Ensure the power supply matches the voltage specified on the unit's rating label.
- Do not operate the unit with a damaged cord or plug. If the cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Do not block air inlets or outlets. Maintain adequate clearance around the unit for proper airflow.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- Always unplug the unit before cleaning or performing any maintenance.
- Do not use the unit in wet or damp environments, such as bathrooms or laundry rooms.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental

capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Keep children away from the unit.
- The unit contains R32 refrigerant. Servicing should only be performed by qualified personnel.

### **3. PACKAGE CONTENTS**

Carefully unpack your VIVOSUN AeroLush C08 and verify that all items listed below are included and undamaged.

- Air Conditioner (1)
- Evaporator Air Inlet Hood (1)
- 2M Exhaust Duct (with adapter) (2)
- Condenser Outlet Adapter (1)
- Window Duct Adapter (1)
- Window Sealing Plate (Long) (1)
- Window Sealing Plate (Short) (1)
- Drain Pipe (1)
- Temperature & Humidity Probe (1)
- Filter (1)

# Package Includes

Air Conditioner x1      Evaporator Air Inlet Hood x1  
Evaporator Air Inlet Hood x1      Temperature & Humidity Probe x1  
2M Exhaust Duct (with adapter) x2      2M Exhaust Duct x1      Filter x1  
Condenser Outlet Adapter x1  
Window Duct Adapter x1  
Window Sealing Plate (Long) x1  
Window Sealing Plate (Short) x1  
Drain Pipe x1



Figure 2: Package Contents. This image displays the main air conditioner unit along with all included accessories such as ducts, adapters, and the temperature/humidity probe.

## 4. SETUP AND INSTALLATION

The VIVOSUN AeroLush C08 is designed for easy setup and mobility, requiring no permanent wall installation. Follow these steps to set up your unit.

### 4.1 Placement

- Place the unit on a flat, stable surface.
- Ensure there is at least 12 inches (30 cm) of clearance around the unit for proper air circulation.
- The unit is equipped with caster wheels for easy movement.
- Recommended for grow tents up to 5x5 ft.

### 4.2 Ducting Setup

Connect the exhaust ducts to the unit and direct the airflow as needed for your grow space.

1. Attach the appropriate duct adapter to the air conditioner's outlet.
2. Twist the exhaust duct onto the adapter until securely fastened.
3. Route the ducting to your desired location, such as into a grow tent or out a window using the provided window sealing plates.

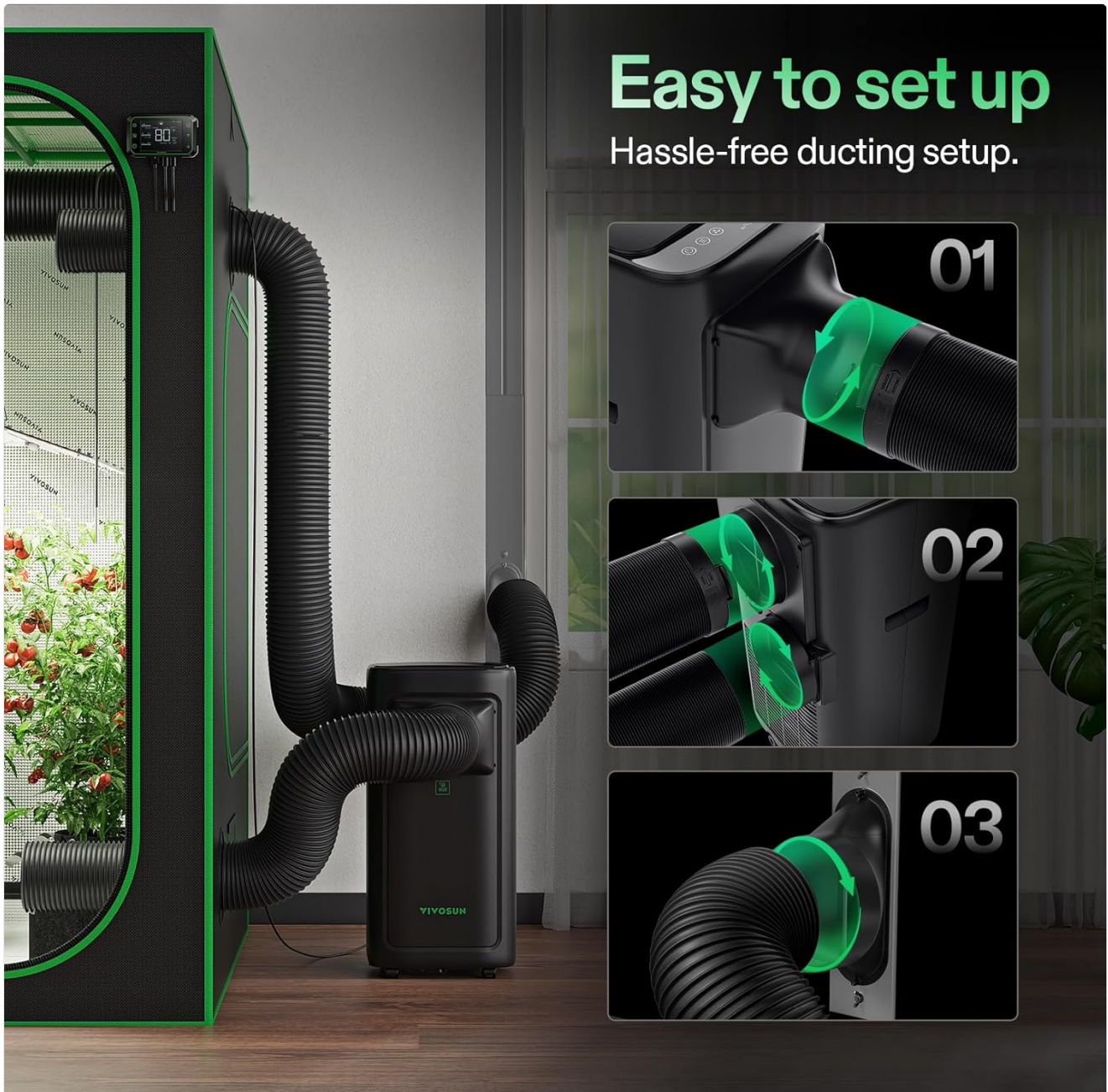


Figure 3: Ducting Setup. This image illustrates the three simple steps for connecting the flexible ducting to the air conditioner unit.

*Note: Pipe connections may vary depending on the functional mode selected (e.g., cooling vs. heating).*

## 5. OPERATING INSTRUCTIONS

The VIVOSUN AeroLush C08 offers 4-in-1 versatility for complete climate control.

# Comfort in Grow Space

4-in-1 Climate Control including Cool, Heat, Dry, Fan modes.



COOL



HEAT



DRY



FAN



Figure 4: 4-in-1 Climate Control. This image visually represents the four operational modes: Cool, Heat, Dry, and Fan.

## 5.1 Control Panel

The unit features an intuitive control panel with a display for local operation.

- **Power Button:** Turns the unit on or off.
- **Mode Button:** Cycles through Cooling, Heating, Drying, and Fan modes.
- **Temperature Adjustment Buttons:** Increase or decrease the target temperature.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High). For best performance in grow tents, keep the duct fan at level 0 or 1. Higher fan speeds may impact efficiency.
- **Display:** Shows current temperature, humidity, and selected mode.

## 5.2 Operating Modes

- **Cooling Mode:** Provides powerful cooling with an 8000 BTU compressor to lower ambient temperature.
- **Drying Mode (Dehumidifier):** Removes excess moisture from the air, with a dehumidifying capacity of 45 Pints/day.
- **Heating Mode:** Provides warmth to maintain optimal temperatures during colder periods.
- **Fan Mode:** Circulates air without cooling or heating, providing ventilation.

## 6. SMART CONTROL AND MONITORING

The AeroLush C08 integrates with the VIVOSUN app for remote monitoring and control, and includes a smart remote control.

### 6.1 VIVOSUN App Integration

- Download the VIVOSUN app from your device's app store.
- Follow the in-app instructions to connect your AeroLush C08 unit to your Wi-Fi network.
- Once connected, you can remotely monitor real-time temperature, humidity, and VPD (Vapor Pressure Deficit) using the precision Sensirion sensors.
- Adjust settings, change modes, and set schedules from anywhere.
- Seamlessly integrates with the VIVOSUN Smart Grow System for automated synchronization with other devices.



Figure 5: Smart Control via VIVOSUN App. This image shows a hand holding a smartphone displaying the VIVOSUN app, which allows users

to adjust and monitor temperature and humidity levels remotely.

## 6.2 Remote Control

Use the included remote control for convenient operation from a distance. Refer to the remote control's specific instructions for button functions.

## 7. MAINTENANCE

The VIVOSUN AeroLush C08 features a maintenance-free design with a self-evaporating system, eliminating the need for manual drainage in most conditions.

### 7.1 Cleaning the Air Filter

Regular cleaning of the air filter helps maintain the unit's efficiency and air quality.

1. Unplug the air conditioner from the power outlet.
2. Locate the air filter access panel (usually at the back or side of the unit).
3. Remove the filter.
4. Clean the filter with a vacuum cleaner or wash it gently with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting it into the unit.
6. Reattach the filter access panel.

### 7.2 Unit Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

### 7.3 Self-Evaporating System

The unit's self-evaporating system reuses condensed water to cool the condenser coils, improving efficiency and reducing the need for manual drainage. In very humid conditions, the internal water tank may fill up, and the unit will indicate when drainage is required. Use the provided drain pipe for manual drainage if necessary.

## 8. TROUBLESHOOTING

Refer to this section for common issues and their solutions. If the problem persists, contact VIVOSUN customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped.	Ensure unit is plugged in. Check power outlet and circuit breaker.
Unit not cooling effectively.	Air filter dirty, air intake/outlet blocked, room too large, doors/windows open.	Clean air filter. Ensure proper airflow. Close doors/windows. Check if unit capacity matches room size.
Unit is noisy.	Unit not on a level surface, fan obstruction.	Place unit on a flat, stable surface. Check for any obstructions in the fan area.
Water leakage.	Drain plug not properly sealed, internal water tank full (in high humidity).	Ensure drain plug is secure. Drain water manually if tank is full.

Problem	Possible Cause	Solution
Remote control not working.	Batteries dead, obstruction between remote and unit.	Replace batteries. Remove any obstructions.
Auto-restart after power outage.	This is a feature.	The unit is designed to automatically restart with previous settings after a power interruption. No action needed.

## 9. SPECIFICATIONS

Technical specifications for the VIVOSUN AeroLush C08 Smart Air Conditioner.

Feature	Detail
Model Name	VSE-ALC08
Net Weight	51.8 pounds (approx. 23.5 kg)
Product Dimensions (D x W x H)	12.99" x 27.17" x 12.87" (approx. 33 x 69 x 32.7 cm)
Cooling Capacity	8000 BTU
Power	120 V / 60 Hz
Rated Input	840 W
EER/CEER	6.5
Dehumidifying Capacity	45 Pints/day (approx. 21.3 Liters/day)
Refrigerant	R32
Noise Level	≤56 dB
Special Feature	Silent Mode, Self-evaporating system, Auto-restart
Color	Black

# Specifications

Net Weight	44 lbs	Cooling Capacity	8000 BTU
Power	120 V/ 60 Hz	Rated Input	840 W
EER/CEER	6.5	Refrigerant	R32
Dehumidifying Capacity	45 Pints/day	Noise	≤56dB



Figure 6: Product Specifications. This image provides a visual summary of the key technical specifications and dimensions of the AeroLush C08 unit.

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official VIVOSUN website.

You can also visit the VIVOSUN Store on Amazon for more information: [VIVOSUN Amazon Store](#).

For direct customer support inquiries, please use the contact information provided in your product packaging or on the VIVOSUN official website.

