

VEVOR S02

VEVOR 4250 BTU Portable Air Conditioner (Model S02) User Manual

Your guide to efficient cooling for outdoor, RV, and home use.

1. INTRODUCTION

Thank you for choosing the VEVOR 4250 BTU Portable Air Conditioner, Model S02. This unit is designed to provide powerful and convenient cooling for various environments, including tents, RVs, and small indoor spaces. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply matches the unit's requirements (110V AC).
- Do not operate the unit with a damaged cord or plug.
- Keep the unit on a stable, flat surface to prevent tipping and water leakage.
- Do not block air inlets or outlets. Maintain adequate clearance around the unit for proper airflow.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning or performing any maintenance.
- This appliance uses R290 refrigerant. Handle with care and ensure proper ventilation during maintenance.
- Keep children and pets away from the unit during operation.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Portable Air Conditioner x 1
- Exhaust Duct x 1
- Exhaust Duct Connector x 1

- Remote Control x 1 (Batteries Not Included)
- Drain Pipe x 1
- Screws x 2
- Water Plug x 1

4. PRODUCT FEATURES

- **Powerful Cooling:** Delivers 4250 BTU cooling capacity with 530W power output, suitable for rooms up to 8 square meters.
- **Portable Design:** Features a built-in handle for easy transport, ideal for camping, RVs, and various outdoor/indoor settings.
- **Multiple Modes:** Offers Cooling, Sleep, Dehumidifying, and Fan functions.
- **Adjustable Settings:** Includes adjustable fan speeds and a 24-hour timer for customized comfort and energy saving.
- **No-Drain Design:** Minimizes the need for manual water drainage under normal operating conditions. A drain pipe is included for specific high-humidity environments.
- **Dual Use:** Equipped with an exhaust hose and adapter for both indoor and outdoor cooling applications.

5. SETUP

Follow these steps to set up your portable air conditioner:

1. **Placement:** Place the unit on a flat, stable surface. Ensure there is adequate space around the unit for proper air circulation.
2. **Attach Exhaust Duct:** Attach the exhaust duct connector to the vent opening on the unit. Insert the exhaust duct into the connector and extend it to the desired length.
3. **Ventilation:** Direct the exhaust duct outdoors or to a well-ventilated area to expel hot air. For indoor use, ensure the hot air is vented outside the room. For outdoor use, the unit can be placed outside with the cool air directed into a tent or RV.
4. **Power Connection:** Plug the power cord into a standard 110V AC electrical outlet.

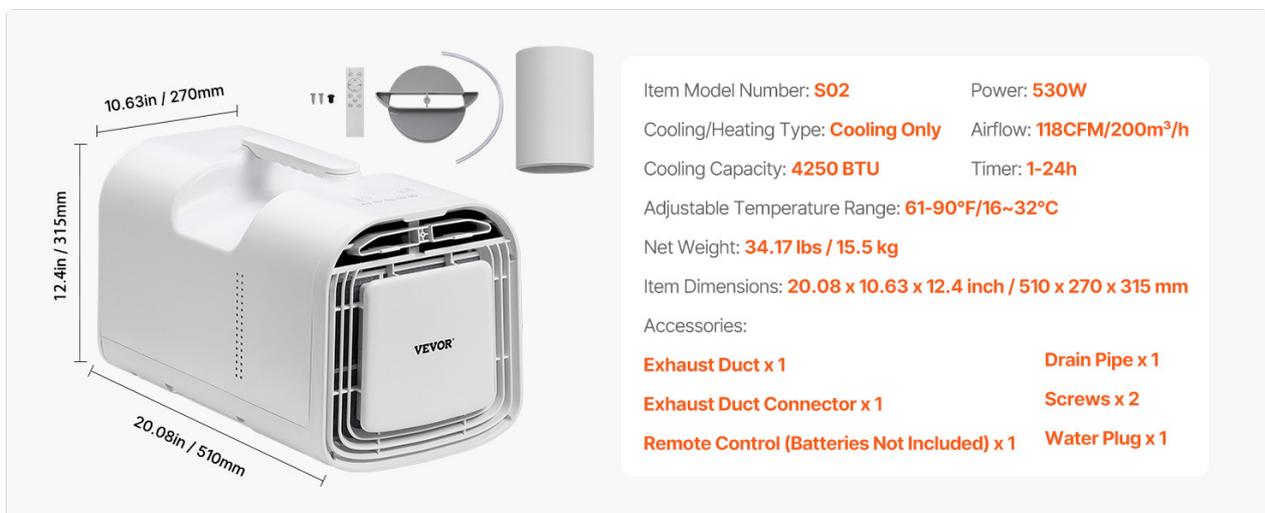


Figure 5.1: Installation steps for the VEVOR Portable Air Conditioner.

Complete Accessories for Easy Installation



Figure 5.2: Exhaust duct setup for indoor and outdoor use.

6. OPERATING INSTRUCTIONS

The unit can be operated via the control panel on the unit or the included remote control.

Control Panel Overview

Wireless Remote Control, Unrestricted Operation



Remote Control: No bending for operation



Touch Control: Easy adjustment by simple touch

Figure 6.1: Control Panel and Remote Control.

- **MODE Button:** Press to cycle through Cooling, Sleep, Dehumidifying, and Fan modes.
- **Power Button (Ⓜ):** Turns the unit ON or OFF.
- **DRAIN Button:** Activates the drainage function if needed.
- **TIMER Button:** Sets the 24-hour timer for automatic ON/OFF.
- **Fan Speed Button:** Adjusts fan speed (High, Medium, Low).
- **Temperature Buttons (+/-):** Adjusts the desired temperature.

Operating Modes

- **Cooling Mode:** Provides powerful cooling. Adjust temperature using +/- buttons.
- **Sleep Mode:** Operates quietly for comfortable sleep.
- **Dehumidifying Mode:** Reduces humidity in the air.
- **Fan Mode:** Circulates air without cooling.

Temperature Unit Conversion: In COOL/SLEEP modes, press and hold the [+] and [-] buttons simultaneously for 3 seconds to switch between Celsius (°C) and Fahrenheit (°F). This feature is not available in FAN and DRY modes.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

Cleaning the Air Filter

The air filter should be cleaned regularly, typically every two weeks, or more often depending on usage and air quality.

1. Unplug the air conditioner from the power outlet.
2. Locate the air filter cover, usually at the rear or side of the unit.
3. Remove the filter.
4. Clean the filter with a vacuum cleaner or wash it with warm, soapy water. Rinse thoroughly.
5. Allow the filter to dry completely before reinstalling.

Water Drainage

This unit features a no-drain design, meaning condensation is typically evaporated. However, in high-humidity conditions, some water accumulation may occur. A drain pipe is provided for manual drainage if necessary.

- If water needs to be drained, unplug the unit.
- Locate the drain port, typically at the bottom rear of the unit.
- Remove the water plug and attach the drain pipe.
- Direct the drain pipe into a suitable container or drain.
- Once drained, remove the pipe and securely replace the water plug.

Enjoy Coolness Anytime & Anywhere



Home



RV



Camping



Outdoor Fishing

Figure 7.1: No-drain design for convenience.

Storage

When storing the unit for an extended period:

- Ensure all water is drained from the unit.
- Clean the air filter.

- Store the unit in a dry, upright position, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply Power cord not plugged in Circuit breaker tripped	Check power outlet Ensure cord is securely plugged in Reset circuit breaker
No cooling or insufficient cooling	Air filter dirty Air inlets/outlets blocked Room too large Doors/windows open Exhaust hose not properly installed	Clean air filter Remove obstructions Ensure unit is used in recommended room size (≤ 8) Close all doors and windows Verify exhaust hose is securely attached and vented
Water leakage	Unit not on a flat surface Drain plug not secure High humidity causing excess condensation	Place unit on a level surface Ensure drain plug is tightly closed Use the provided drain pipe for continuous drainage
Unit is noisy	Unit not on a flat surface Fan obstruction	Ensure unit is on a level surface Check for any foreign objects in the fan area

9. SPECIFICATIONS

Detailed technical specifications for the VEVOR Portable Air Conditioner (Model S02):



Figure 9.1: Product Dimensions and Specifications.

Specification	Value
Item Model Number	S02
Power	530W
Cooling/Heating Type	Cooling Only
Cooling Capacity	4250 BTU
Airflow	118CFM / 200m ³ /h
Timer	1-24h
Net Weight	34.17 lbs / 15.5 kg
Adjustable Temperature Range	61-90°F / 16-32°C
Item Dimensions (L x W x H)	20.08 x 10.63 x 12.4 inch / 510 x 270 x 315 mm

Specification	Value
Voltage	110 Volts
Sound Level	66 Decibels
Refrigerant	R290

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact VEVOR customer service through their official website or the retailer where the product was purchased. Please have your model number (S02) and purchase date available when contacting support.