

Model: Small | Colour: Red | Brand: VAVSEA

## Overview

The VAVSEA Small Dehumidifier is a compact, portable appliance designed to reduce excess moisture in enclosed spaces. It uses thermoelectric (Peltier) cooling technology to remove up to 300 ml of water per day (at 25°C, 85% RH) and is suitable for rooms up to 215 sq ft (20 m<sup>2</sup>). The unit features an auto shut-off function and a red LED indicator when the water tank is full.



## Features

### 1. Moisture & Odour Removal

The dehumidifier extracts excess moisture from the air, helping to reduce mouldy or musty odours. It is intended for use in environments with humidity above 40% RH and temperature above 15°C (59°F).



## 2. Ultra Quiet Operation

Built-in Thermo Electric Cooling Technology (Peltier) operates without a compressor, resulting in noise levels below 30 dB. This makes the unit suitable for use in bedrooms, studies, or other quiet environments.

## 3. Energy Saving & High Efficiency

Power consumption is only 23 W/hour (0.552 kWh over 24 hours). The 500 ml (17 oz) water tank collects up to 300 ml (9 oz) of water per day under standard conditions (25°C, 85% RH).

## 4. Auto Shut Off & LED Indicator

A built-in water level monitor automatically shuts off the dehumidifier when the water tank is full. A red LED indicator lights up to alert the user. After emptying the tank, simply place it back into the unit to resume operation.



## 5. Lightweight & Portable

The compact design (154 mm L x 130 mm W x 218 mm H) and lightweight construction allow easy relocation. Suitable for use in home, kitchen, bathroom, bedroom, wardrobe, caravan, garage, closet, office, basement, and similar spaces.

## 6. Easy to Drain Water

The water tank can be removed and emptied in four simple steps. Refer to the "Use Guide" section for detailed instructions.



## Specifications

Attribute	Value
Brand	VAVSEA
Model Name	Small
Colour	Red
Material	Plastic (ABS)
Floor Area	215 sq ft (20 m <sup>2</sup> )
Water Tank Capacity	500 ml (17 oz)
Daily Dehumidification Capacity	250–300 ml/day (at 25°C, 85% RH)
Power Consumption	23 W (DC 9V, 3A)
Noise Level	< 30 dB
Power Cable Length	1.5 m
Product Dimensions (D x W x H)	13 x 15.4 x 22 cm (154 x 130 x 218 mm)
Operating Temperature Range	41°F – 122°F (5°C – 50°C)
Optimal Operating Conditions	Above 15°C (59°F) and above 40% RH
Operation Mode	Comfort
Recommended Uses	Commercial, Residential

## Use Guide

### Setting Up the Dehumidifier

1. Remove the dehumidifier and all accessories from the packaging.
2. Place the unit on a flat, stable surface. Ensure the air inlet and outlet are not blocked.
3. Connect the AC/DC adaptor to the dehumidifier and plug it into a standard electrical outlet.
4. The unit will start operating automatically. The LED indicator will be blue (or off) during normal operation.

## Optimal Usage Tips

- Close doors and windows in the room where the dehumidifier is running to improve efficiency.
- Do not place the unit near a heat source (e.g., radiator, oven).
- Keep the air inlet and outlet clear of obstructions.
- For best results, use in spaces up to 20 m<sup>2</sup> (215 sq ft) with humidity above 40% RH and temperature above 15°C (59°F).

## Emptying the Water Tank

1. When the water tank is full, the unit will automatically shut off and the red LED indicator will light up.
2. Unplug the dehumidifier from the power outlet.
3. Remove the water tank from the unit.
4. Empty the water into a sink or drain.
5. Replace the water tank securely into the dehumidifier.
6. Plug the unit back in. The red LED will turn off and normal operation will resume.



## What's in the Box

- 1 x VAVSEA mini Dehumidifier
- 1 x AC/DC adaptor
- 1 x Instruction Manual

## Indicators

LED Colour	Status
Red (on)	Water tank is full. Unit has shut off automatically. Empty the tank.
Blue / Off	Normal operation. Unit is dehumidifying.

## Troubleshooting

Issue	Possible Cause	Solution
Unit does not start	Not plugged in / power adaptor not connected	Check power connection. Ensure adaptor is fully inserted.
Red LED is on	Water tank is full	Empty the water tank and replace it.
Low dehumidification performance	Room temperature or humidity too low	Use in environment above 15°C and above 40% RH.
Low dehumidification performance	Doors or windows open	Close doors and windows in the room.
Low dehumidification performance	Air inlet or outlet blocked	Ensure vents are clear of obstructions.
Power adaptor feels warm	Normal operation	This is normal. The adaptor may become warm during use.

## Warnings

### Important Safety Information

- The power adaptor will become warm during use. This is normal and does not indicate a fault.
- Do not use the dehumidifier near heat sources.
- Keep the air inlet and outlet unobstructed.
- Unplug the unit before emptying the water tank or cleaning.
- Use only the supplied AC/DC adaptor (DC 9V, 3A).
- Do not immerse the unit in water or any liquid.

## Maintenance

- Regularly empty the water tank to maintain performance.
- Clean the exterior with a soft, dry cloth. Do not use abrasive cleaners.
- Check the air filter periodically and clean if necessary (refer to the instruction manual for filter access).
- Store the unit in a cool, dry place when not in use.

## Product Video

### Dehumidifier 500ml Compact Mini Air Dehumidifier for Home

This video demonstrates the product in use, setup, and comparison. (Duration: 0:45)



#### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.