

## TABYIK CS50-SR

# TABYIK Smart WiFi Dehumidifier User Manual

Model: CS50-SR

## 1. IMPORTANT SAFETY INSTRUCTIONS

Please read this manual carefully before operating your dehumidifier. Keep it for future reference.

- Always place the unit on a level, stable surface to prevent tipping.
- Ensure the power supply matches the voltage requirements specified on the unit's label.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep a minimum distance of 20 cm (8 inches) from walls or other objects to ensure proper airflow.
- Do not insert objects into the air inlet or outlet.
- Unplug the unit before cleaning or performing any maintenance.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.

## 2. PRODUCT OVERVIEW

The TABYIK CS50-SR Smart WiFi Dehumidifier is designed to efficiently remove excess moisture from large spaces up to 4500 Sq.Ft, helping to create a healthier and more comfortable indoor environment. It features advanced technology for optimal performance and user convenience.

### Key Features:

- **High Efficiency:** Removes up to 80 pints/day (standard 60 pints/day) and is Energy Star 2025 certified for energy savings.
- **Durable Components:** Equipped with a premium rotary compressor and all-copper tubing for long-lasting performance.
- **Quiet Operation:** High-efficiency DC motor and bionic air duct design ensure operation as quietly as 40dB.
- **Smart Control:** WiFi connectivity for app-based remote control and real-time humidity display.

- **Multiple Modes:** Auto-Humidity, Comfort, Basement, and Continuous modes with customizable dryness levels.
- **Drainage Options:** Features a built-in drain pump (5m high lift) and universal drain port for continuous drainage, or an 8.5-pint water tank with automatic shut-off.
- **Low Temperature Operation:** Innovative dynamic defrost system ensures continuous performance in low temperatures.
- **Portability:** 360° swivel wheels and dual side handles for easy movement.
- **Washable Filter:** Helps maintain clean air and is easy to maintain.

## Product Components:

- Dehumidifier Unit
- Removable Water Tank (8.5 pints)
- Drain Hose (5m included)
- Washable Air Filter
- User Manual (this document)



Figure 2.1: Front view of the TABYIK Dehumidifier with its accompanying mobile application interface.

## 3. SETUP

### 3.1 Placement

- Place the dehumidifier on a firm, level surface capable of supporting its weight (approx. 32 lbs when empty).
- Ensure there is at least 8 inches (20 cm) of space on all sides of the unit for proper air circulation.
- Avoid placing the unit near heat-generating appliances or in direct sunlight.
- Do not place the unit in an area where it may be exposed to freezing temperatures.

### 3.2 Drainage Options

Your TABYIK dehumidifier offers two methods for water collection: using the internal water tank or continuous drainage via the included hose and pump.



Figure 3.1: Illustration of the two available drainage modes: continuous drainage with pump and manual collection in the water tank.

### 3.2.1 Using the Water Tank (Manual Drainage)

1. Ensure the continuous drain hose is disconnected from the unit.
2. The unit will collect moisture in its 8.5-pint internal water tank.
3. When the tank is full, the unit will automatically shut off and the "Bucket Full" indicator light will illuminate.
4. Carefully remove the water tank using the integrated handles and empty the collected water.
5. Reinsert the empty tank firmly into the unit until it clicks into place. The unit will resume operation.



Figure 3.2: Internal view illustrating the dehumidification process and water collection in the tank.

### 3.2.2 Continuous Drainage with Pump

For continuous, hands-free operation, use the included drain hose and built-in pump.

1. Locate the drain port on the back of the unit.
2. Remove the protective cap from the drain port.
3. Connect one end of the provided 5m drain hose to the drain port. Ensure a secure connection to prevent leaks.
4. Route the other end of the hose to a suitable drain location (e.g., floor drain, sink, or outdoors). The pump can lift water up to 5 meters vertically.
5. On the control panel, press the "Pump" button to activate the pump function. The "Pump" indicator light will illuminate.
6. The unit will now automatically pump collected water out through the hose, eliminating the need to manually empty the tank.



Figure 3.3: Rear view of the dehumidifier showing the continuous drainage hose connection.

## 4. OPERATING INSTRUCTIONS

### 4.1 Control Panel Overview

The dehumidifier features an intuitive digital display and control panel on its top surface.

# DIGITAL DISPLAY AND EASY CONTROL

The smart control panel is user-friendly and efficient



Figure 4.1: Detailed view of the dehumidifier's digital display and control panel.

Table 4.1: Control Panel Functions

| Button/Indicator                   | Function                                               |
|------------------------------------|--------------------------------------------------------|
| Power                              | Turns the unit ON/OFF.                                 |
| Auto/Low/High/Med                  | Indicates current fan speed or Auto mode.              |
| Humidity % / Timer H (+/-)         | Adjusts target humidity level or sets timer hours.     |
| Mode (Comfort/Basement/Continuous) | Selects operating mode.                                |
| Sleep                              | Activates Sleep mode for quieter operation.            |
| WiFi                               | Activates/deactivates WiFi connection for app control. |
| Fan                                | Adjusts fan speed (Low, Medium, High).                 |

| Button/Indicator | Function                                                           |
|------------------|--------------------------------------------------------------------|
| Timer            | Sets auto ON/OFF timer. Hold for 2 seconds to activate Child Lock. |
| Pump             | Activates/deactivates the internal drain pump.                     |
| Lock             | Indicates Child Lock is active.                                    |
| Bucket Full      | Indicates the water tank is full and needs emptying.               |

## 4.2 Operating Modes

The dehumidifier offers four distinct operating modes to suit various needs:



Figure 4.2: Visual representation of the four dehumidification modes.

- **Auto Mode:** The unit automatically adjusts fan speed and humidity settings based on the ambient humidity to maintain a comfortable level.
- **Comfort Mode:** Designed to maintain a comfortable humidity level, typically around 50-55% RH.

- **Basement Mode:** Optimized for higher humidity environments like basements, aiming for a lower humidity level, typically around 45% RH.
- **Continuous Mode:** The unit runs continuously regardless of the humidity level, ideal for very damp conditions or when using continuous drainage.

### 4.3 Setting Humidity and Timer

- **Humidity Setting:** In Auto, Comfort, or Basement mode, use the "+" and "-" buttons to set your desired humidity level. The display will show the target humidity.
- **Timer Setting:** Press the "Timer" button to set a 24-hour programmable timer for auto ON/OFF. Use the "+" and "-" buttons to adjust the hours.



Figure 4.3: Setting the 24-hour timer for automatic operation.

### 4.4 Smart WiFi Control

The dehumidifier can be controlled remotely via a smartphone app. Ensure your unit is connected to a 2.4GHz WiFi network.

1. Download the official TABYIK app from your smartphone's app store.
2. Follow the in-app instructions to pair your dehumidifier with your device.
3. Once connected, you can power the unit ON/OFF, adjust humidity levels, change fan speeds, and select operating modes from anywhere.

# Smart and Convenient



Figure 4.4: Remote control of the dehumidifier via the smartphone app.

## 4.5 Child Lock Mode

To prevent unintended changes to settings, activate the Child Lock feature.

- To activate: Press and hold the "Timer" button for 2 seconds until the "Lock" indicator light illuminates.
- To deactivate: Press and hold the "Timer" button for 2 seconds again until the "Lock" indicator light turns off.

# Child Lock Mode

Press and hold the Timer button for 2 seconds  
to easily turn on the child lock



Figure 4.5: Child Lock mode prevents accidental changes to settings.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

### 5.1 Cleaning the Air Filter

It is recommended to clean the washable air filter every 30 days or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter on the back of the unit.
3. Gently pull out the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct heat.

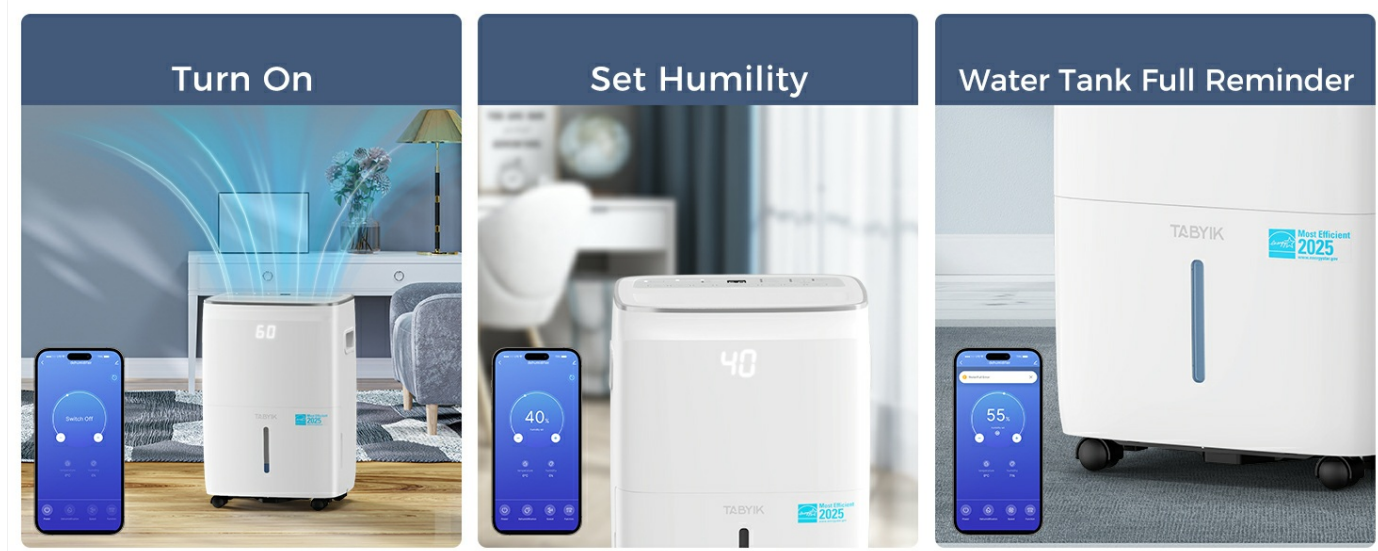


Figure 5.1: Steps for cleaning the washable air filter.

## 5.2 Cleaning the Water Tank

Clean the water tank regularly to prevent mold and mildew growth.

- Remove the water tank from the unit.
- Wash the tank with mild detergent and warm water.
- Rinse thoroughly and dry before placing it back into the dehumidifier.

## 5.3 Storage

If storing the unit for an extended period:

- Empty the water tank and ensure it is completely dry.
- Clean the air filter.
- Wrap the power cord neatly.
- Store the unit in an upright position in a cool, dry place, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide:

**Table 6.1: Common Issues and Solutions**

| Problem                            | Possible Cause                                                      | Solution                                                                                     |
|------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Unit does not turn on.             | No power, power outage, tank full.                                  | Check power connection. Empty water tank and reinsert properly.                              |
| Dehumidifier not collecting water. | Air filter clogged, room temperature too low, humidity already low. | Clean air filter. Ensure room temperature is above 41°F (5°C). Check current humidity level. |
| Unit is noisy.                     | Fan speed too high, unit not on a level surface.                    | Reduce fan speed. Place unit on a stable, level surface.                                     |
| Continuous drainage not working.   | Hose kinked or blocked, pump not activated.                         | Check hose for kinks or blockages. Ensure "Pump" function is activated on the control panel. |

| Problem                 | Possible Cause                              | Solution                                                       |
|-------------------------|---------------------------------------------|----------------------------------------------------------------|
| WiFi connection issues. | Incorrect network, weak signal, app issues. | Ensure 2.4GHz WiFi. Restart unit and router. Re-pair with app. |

## 7. SPECIFICATIONS

Table 7.1: Technical Specifications

| Attribute                      | Detail                                      |
|--------------------------------|---------------------------------------------|
| Brand                          | TABYIK                                      |
| Model Name                     | CS50-SR                                     |
| Dehumidification Capacity      | 80 Pints/Day (Max), 60 Pints/Day (Standard) |
| Coverage Area                  | Up to 4500 Sq.Ft                            |
| Water Tank Volume              | 8.5 Pints                                   |
| Product Dimensions (D x W x H) | 13.8"D x 10.2"W x 19.7"H                    |
| Item Weight                    | Approx. 32 lbs                              |
| Material                       | Plastic                                     |
| Energy Efficiency              | Energy Star 2025 Certified                  |
| Noise Level                    | As low as 40dB                              |
| UPC                            | 199284631786                                |

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please contact TABYIK customer service. Refer to the contact details provided on the product packaging or the official TABYIK website. Please retain your proof of purchase for warranty claims.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

#### Question

Example: How do I reset this device or fix this error?

#### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question