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› TCL H50D26W 50 Pint Smart Dehumidifier with Pump User Manual

TCL H50D26W

TCL H50D26W 50 Pint Smart Dehumidifier with Pump

Model: H50D26W

Brand: TCL

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your TCL H50D26W 50 Pint Smart Dehumidifier with Pump. Please read it thoroughly before using the appliance and retain it for future reference. This dehumidifier is designed to remove up to 50 pints of moisture per day, suitable for areas up to 4500 sq. ft., helping to maintain a comfortable and healthy indoor environment.

2. IMPORTANT SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury, always follow these basic precautions:

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep the appliance away from heat sources and direct sunlight.
- Do not block air inlets or outlets. Maintain at least 8 inches (20 cm) clearance around the unit.
- Always unplug the unit before cleaning or performing any maintenance.
- Do not use the appliance in wet areas such as bathrooms or laundry rooms where it may come into contact with water.
- This appliance is for indoor use only.
- Do not allow children to play with the dehumidifier.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your TCL H50D26W dehumidifier.

3.1 Unit Components



Figure 1: Front view of the TCL H50D26W Dehumidifier, highlighting the digital display and water tank.



Continuous Drain Pump & Removable
Water Tank

Convenient Ways to Drain

Figure 2: Rear view illustrating the continuous drain pump connection point, and the front view with the water tank detached for emptying.

The unit features a robust casing, a digital control panel on top, air intake and exhaust vents, a removable water tank at the bottom front, and a continuous drain pump connection at the rear.

3.2 Control Panel

Washable Filter, Auto Stop When Full,
& Visual Alerts

Effortless Maintenance



Figure 3: Detailed view of the digital control panel, showing buttons for power, mode selection, fan speed, humidity settings, and timer.

The control panel includes a digital display for current humidity and settings, along with buttons for Power, Mode (Continuous, Basement, Bedroom), Fan Speed (High/Low), Humidity Adjustment, and Timer. Indicator lights show filter status and bucket full alerts.

4. SETUP

4.1 Unpacking

- Carefully remove the dehumidifier from its packaging.
- Remove all packing materials, tapes, and protective films.
- Inspect the unit for any shipping damage. If damaged, do not operate and contact customer support.

4.2 Placement

Advanced Controls & Preset Modes

Precise Humidity Control



Figure 4: Proper placement of the dehumidifier in a room to ensure optimal air circulation and moisture removal.

- Place the dehumidifier on a flat, stable surface.
- Ensure there is at least 8 inches (20 cm) of clear space around all sides of the unit for proper airflow.
- Avoid placing the unit near heat-generating appliances or in direct sunlight.
- For best results, operate the dehumidifier in an enclosed area. Close all doors and windows to the room where it is operating.

4.3 Power Connection

- Plug the power cord into a grounded electrical outlet.
- Do not use extension cords or adapter plugs.

4.4 Drainage Options

Your dehumidifier offers two methods for water removal:

4.4.1 Manual Drainage (Water Tank)

- The unit will collect moisture in the detachable water tank.
- When the tank is full, the unit will automatically shut off, and a 'Bucket Full' indicator will illuminate.
- Carefully remove the water tank, empty it, and replace it securely. The unit will resume operation.

4.4.2 Continuous Drainage (Built-in Pump)

- For continuous operation without emptying the tank, use the built-in pump.
- Connect the included drain hose to the continuous drain pump outlet at the rear of the unit.
- Route the hose to a suitable drain location (e.g., sink, floor drain, or out a window). Ensure the hose is not kinked or obstructed.
- The pump will automatically activate to remove collected water.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Press the **Power** button to turn the unit on or off.

5.2 Setting Desired Humidity Level

- Press the **Humidity Up/Down** buttons to adjust the desired humidity level (e.g., 40% to 60%). The unit will operate until the room humidity reaches the set level.

5.3 Fan Speed

- Press the **Fan Speed** button to toggle between High and Low fan speeds. Higher speed provides faster dehumidification.

5.4 Operating Modes

Press the **Mode** button to cycle through the following preset modes:

- **Continuous:** The unit will operate continuously regardless of the humidity level.
- **Basement:** Optimized settings for basement environments.
- **Bedroom:** Optimized settings for quieter operation in bedrooms.

5.5 Timer Function

- Press the **Timer** button to set a delay for the unit to turn on or off (up to 24 hours).
- Use the Humidity Up/Down buttons to adjust the desired time.

5.6 Smart Features (App & Voice Control)

App & Voice Control **Your Home. On Demand.**

*“Alexa, turn on the
TCL Dehumidifier.”*



Figure 5: The dehumidifier supports smart control via a mobile app and voice commands with Alexa and Google Assistant.

- Download the TCL Home app from your smartphone's app store.
- Follow the in-app instructions to connect your dehumidifier to your home Wi-Fi network.
- Once connected, you can control the unit remotely and integrate it with voice assistants like Amazon Alexa and Google Assistant for convenient voice commands.

6. MAINTENANCE

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

6.1 Cleaning the Air Filter

- The 'Filter Clean' indicator will illuminate when it's time to clean the filter.
- Unplug the dehumidifier.
- Remove the washable and reusable air filter from the back of the unit.
- Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinstalling.

- Once the filter is reinstalled, press and hold the 'Filter' button (or corresponding button on your model) for 3 seconds to reset the indicator.

6.2 Emptying the Water Tank

- When the 'Bucket Full' indicator lights up, carefully pull out the water tank.
- Dispose of the collected water.
- Slide the empty tank back into the unit until it clicks into place.

6.3 Cleaning the Unit Exterior

- Wipe the exterior of the dehumidifier with a soft, damp cloth.
- Do not use harsh chemicals, abrasives, or solvents.

6.4 Storage

- If storing the unit for an extended period, ensure the water tank is empty and clean.
- Clean the air filter.
- Wrap the power cord neatly.
- Store the unit upright in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Power cord not plugged in; Water tank full.	Check power outlet; Ensure power cord is securely plugged in; Empty and reinsert water tank.
No water collected.	Room humidity too low; Temperature too low; Air filter clogged; Unit in continuous drain mode with hose connected.	Increase desired humidity setting; Ensure room temperature is above 41°F (5°C); Clean air filter; Check if continuous drain hose is properly installed and not blocked.
Unit is noisy.	Unit not on a level surface; Air filter clogged; Fan speed set to High.	Place unit on a flat, stable surface; Clean air filter; Select a lower fan speed.
Water leaks from the unit.	Water tank not properly seated; Continuous drain hose loose or damaged.	Ensure water tank is securely in place; Check continuous drain hose connection and for any damage.
Filter Clean indicator remains on after cleaning.	Indicator not reset.	Press and hold the 'Filter' button for 3 seconds to reset.

8. SPECIFICATIONS

Feature	Detail
Model Name	H50D26W
Brand	TCL

Feature	Detail
Capacity	50 Pints/Day
Floor Area Coverage	Up to 4500 Square Feet
Product Dimensions	26"D x 16"W x 13.5"H
Item Weight	49.2 Pounds
Color	White
Number of Speeds	2 (High/Low)
Special Features	Portable, Timer, Washable Filter, Built-in Pump, Smart Control (App/Voice)
Operation Mode	Continuous, Basement, Bedroom, Sleep
Upper Temperature Rating	100 Degrees Fahrenheit
Minimum Operating Temperature	41 Degrees Fahrenheit
UPC	846042024686

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official TCL website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical assistance or service inquiries, please contact TCL customer support through their official channels. When contacting support, please have your model number (H50D26W) and serial number ready.

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