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Tehanld 2026 Promax004

Tehanld 5000 Sq.Ft Dehumidifier (Model 2026 Promax004) User Manual

Model: 2026 Promax004

Important Safety Instructions

Please read all instructions carefully before using this dehumidifier. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Always connect the unit to a grounded power outlet.
- Do not operate the unit with a damaged power cord or plug.
- Do not block the air inlet or outlet.
- Ensure the unit is placed on a level surface to prevent water overflow.
- Do not immerse the unit in water or other liquids.
- Keep children and pets away from the unit during operation.
- Unplug the dehumidifier before cleaning or performing any maintenance.

Product Overview

The Tehanld 5000 Sq.Ft Dehumidifier is designed to efficiently reduce humidity in various indoor environments, including basements, homes, and garages. It features smart humidity control, a 24-hour timer, and a child lock for safe and convenient operation.



Image: Front view of the Tehanld 5000 Sq.Ft Dehumidifier.

Key Features:

- **High Capacity:** Removes up to 50 pints of moisture per day, suitable for areas up to 5,000 square feet.

- **3-in-1 Functionality:** Offers Dehumidify, Dry, and Fan modes.
- **Smart Humidity Control:** Adjustable humidity range from 30% to 80%.
- **Dual Drainage Options:** Features a 1.6-gallon removable water tank with auto-shutoff or continuous drainage via an included hose.
- **Portable Design:** Equipped with 360° smooth-rolling wheels and an ergonomic handle for easy movement.
- **User-Friendly Controls:** Digital display, 24-hour timer, and child lock function.
- **Auto Defrost:** Operates reliably in low-temperature environments (down to 42°F).

Package Contents

Verify that all items are present in the package:

- Tehanld Dehumidifier Unit
- Removable Water Tank
- Drain Hose (60-inch)
- Power Cord
- User Manual (this document)

Setup and Installation

1. Unit Placement

- Place the dehumidifier on a firm, level surface capable of supporting its weight when the water tank is full.
- Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation. Do not block the air inlet or outlet.
- Avoid placing the unit near heat-generating appliances or in direct sunlight.



Image: The dehumidifier's portable design, highlighting its 360° wheels and top handle for easy relocation.

2. Power Connection

- Plug the power cord into a grounded 110V/60Hz electrical outlet.
- Do not use extension cords or power strips.

3. Drainage Options

The dehumidifier offers two methods for water removal:

A. Manual Drainage (Water Tank)

- The unit will collect condensed water in the removable 1.6-gallon water tank.
- When the tank is full, the unit will automatically shut off, and an indicator light will illuminate.
- Carefully remove the tank, empty the water, and reinsert it securely.

B. Continuous Drainage (Drain Hose)

- For continuous operation without emptying the tank, attach the included 60-inch drain hose.
- Locate the continuous drain outlet on the back of the unit.
- Connect one end of the drain hose to the outlet and ensure it is securely fastened.
- Direct the other end of the hose to a suitable drain (e.g., floor drain, sink) ensuring it is lower than the unit's drain outlet for gravity flow.



Image: The dehumidifier illustrating both the removable water tank and the continuous drain hose connection.

Operating Instructions

Control Panel Overview



Image: Close-up of the digital control panel, showing buttons and display.

- **Power Button:** Turns the unit on or off.
- **Mode Button:** Cycles through Dehumidify, Dry, and Fan modes.
- **Humidity Up/Down Buttons (+/-):** Adjusts the desired humidity level (30%-80%).
- **Timer Button:** Sets the 24-hour on/off timer.
- **Speed Button:** Selects fan speed (High/Low).
- **ION/LOCK Button:** Activates child lock (hold for 3 seconds).
- **LED Display:** Shows current humidity, set humidity, or timer settings.
- **FULL Indicator:** Illuminates when the water tank is full.
- **DEFROST Indicator:** Illuminates when the unit is in defrost mode.

1. Power On/Off

Press the **Power** button to turn the dehumidifier on or off.

2. Setting Humidity Level

- In Dehumidify mode, use the **+** or **-** buttons to set your desired humidity level between 30% and 80%.
- The unit will operate until the ambient humidity reaches the set level, then cycle on and off to maintain it.

3. Operating Modes

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

- **Dehumidify Mode:** Standard operation to reduce room humidity to the set level.



Image: The dehumidifier actively removing moisture in Dehu Mode, suitable for humid areas like bathrooms.

- **Dry Mode:** Designed for drying laundry. The unit operates continuously at high fan speed to quickly remove moisture from clothes.



Image: The dehumidifier in Dry Mode, effectively drying clothes on a nearby rack.

- **Fan Mode:** Circulates air without dehumidifying. The water tank will not collect water in this mode.



Image: The dehumidifier in Fan Mode, circulating air in a living room environment.

4. Fan Speed Adjustment

Press the **Speed** button to toggle between High and Low fan speeds.

5. Timer Function

- Press the **Timer** button to set an automatic on or off time (0-24 hours).
- Use the **+** or **-** buttons to adjust the desired time.
- The timer will activate after a few seconds of inactivity.

6. Child Lock

- To activate the child lock, press and hold the **ION/LOCK** button for 3 seconds.
- This will disable all other buttons on the control panel.
- To deactivate, press and hold the **ION/LOCK** button again for 3 seconds.



Image: The dehumidifier highlighting its child lock function for enhanced safety.

7. Auto Defrost

The unit features an automatic defrost function. If frost builds up on the evaporator coils, the unit will temporarily stop dehumidifying and run the fan to melt the frost. The DEFROST indicator will illuminate during this process. Operation will resume automatically once defrosting is complete.

Maintenance

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

1. Cleaning the Air Filter

- It is recommended to clean the air filter every two weeks or more frequently depending on usage and air quality.
- **Step 1:** Turn off the unit and unplug it from the power outlet.
- **Step 2:** Remove the filter from the back of the unit.
- **Step 3:** Wash the filter with clean water (below 104°F / 40°C) and a mild detergent. Do not use harsh chemicals.
- **Step 4:** Rinse thoroughly and allow the filter to air dry completely before reinserting it.

- **Step 5:** Reinsert the dry filter into the unit.

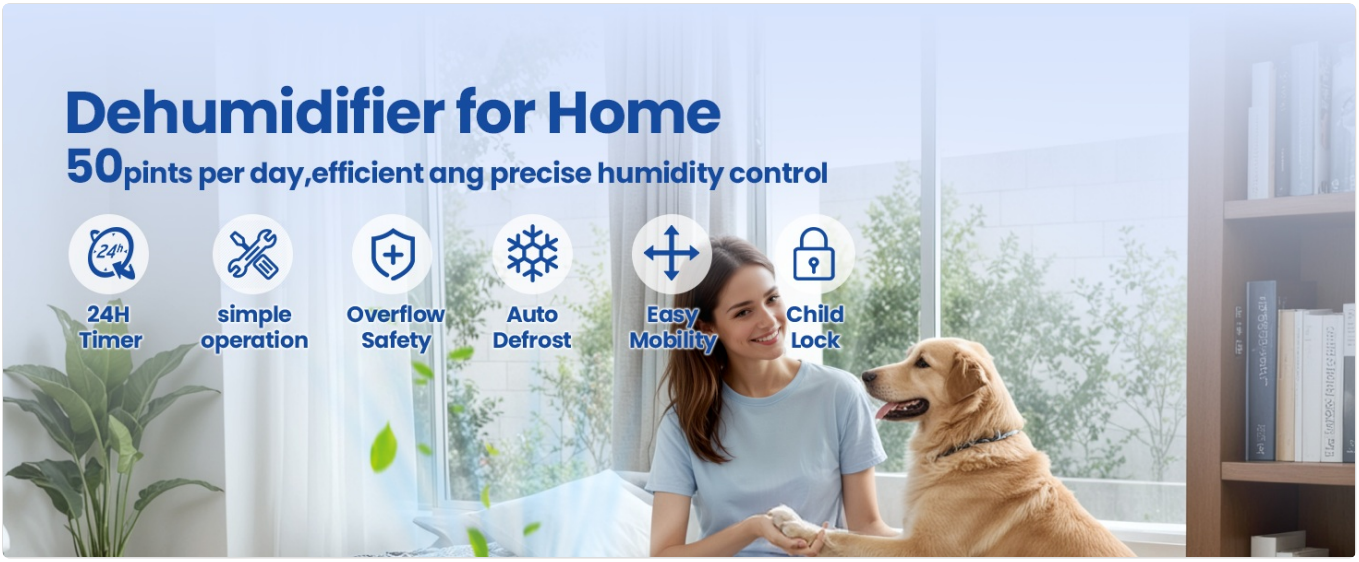


Image: The washable air filter being removed and cleaned, demonstrating easy maintenance.

2. Emptying the Water Tank

- When the water tank is full, the unit will stop operating and the FULL indicator will light up.
- Carefully pull out the water tank from the front of the unit.
- Empty the collected water.
- Slide the empty tank back into the unit until it clicks into place. The unit will resume operation.

3. Unit 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.

Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not plugged in; Water tank full or not properly inserted.	Check power connection; Empty and reinsert water tank correctly.
No water collected	Ambient humidity too low; Unit in Fan mode; Temperature too low.	Ensure humidity is above set level; Switch to Dehumidify mode; Unit may be in defrost cycle.
Unit is noisy	Unit not on a level surface; Air filter clogged.	Place on a level surface; Clean the air filter.

Problem	Possible Cause	Solution
Error Code E1	Humidity sensor error.	Unplug the unit for 30 minutes, then plug it back in. If the error persists, contact support.
Error Code CL	Low temperature protection.	The ambient temperature is too low for operation. Move the unit to a warmer environment.
Error Code CH	High temperature protection.	The ambient temperature is too high for operation. Move the unit to a cooler environment.
Error Code LO	Temperature sensor error.	Unplug the unit for 30 minutes, then plug it back in. If the error persists, contact support.
Error Code HI	Temperature sensor error.	Unplug the unit for 30 minutes, then plug it back in. If the error persists, contact support.

Specifications

Feature	Specification
Brand	Tehanld
Model Name	2026 Promax004
Dehumidification Capacity	50 pints per day
Coverage Area	Up to 5000 square feet
Tank Volume	1.6 gallons
Adjustable Humidity Range	30% - 80%
Operation Modes	Dehumidify, Dry, Fan
Fan Speeds	2 (High, Low)
Timer	24-hour programmable
Voltage	110 volts
Wattage	340 watts
Product Dimensions (D x W x H)	9.82"D x 13.83"W x 23.84"H
Item Weight	27 pounds
Material	Eco-friendly BPA-free plastic, High-Quality Iron

Feature	Specification
Special Features	Continuous Drain, Auto Shutoff, Auto Defrost, Child Lock, Portable Design, Digital Display

Warranty and Support

Warranty Information

This Tehanld dehumidifier comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accident, unauthorized modifications, or improper installation.

Please retain your proof of purchase for warranty claims.

Customer Support

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Tehanld customer support. For the most up-to-date contact information, please refer to the official Tehanld website or your purchase documentation.

When contacting support, please have your model number (2026 Promax004) and purchase date ready.

Ask a question about this manual

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Question

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Details

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