

TehanId 2026 Promax001

TehanId 52-Pint Dehumidifier User Manual

Model: 2026 Promax001

1. INTRODUCTION

Thank you for choosing the TehanId 52-Pint Dehumidifier. This appliance is designed to efficiently remove excess moisture from your indoor environment, creating a more comfortable and healthier living space. It is suitable for areas up to 5,000 square feet, including basements, large rooms, and garages. Please read this manual thoroughly before operating the unit and retain it for future reference.

2. SAFETY INSTRUCTIONS

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always plug the unit into a grounded electrical outlet.
- Do not operate the dehumidifier with a damaged power cord or plug.
- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Keep children and pets away from the unit during operation. The child lock function should be utilized.
- Do not block the air inlet or outlet. Maintain at least 8 inches of clearance around the unit.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit near flammable gases or combustible materials.
- Empty the water tank regularly or ensure the continuous drain hose is properly installed to prevent overflow.

3. PRODUCT OVERVIEW

The TehanId 52-Pint Dehumidifier is designed for effective moisture removal, offering a comfortable environment by reducing humidity levels from 90% to a comfortable 30%. It features a powerful compressor and covers areas up to 5,000 square feet.

STRONG DEHUMIDIFICATION ABILITY 50% MORE MOISTURE REMOVED



30%

After



80%

Before



Image: The dehumidifier effectively reduces humidity, as illustrated by the visual representation of moisture removal in a living space.

This versatile unit offers three functions: dehumidification, laundry drying, and air circulation. It includes a real-time humidity display (20%-90% range) and dual fan speeds for customized operation. The unit also helps eliminate dampness, odors, and reduces the growth of bacteria and mold.

ELIMINATE DAMPNESS, EMBRACE A HEALTHIER HOME!



Image: The dehumidifier's internal fan circulates air, helping to eliminate humidity, unpleasant smells, condensation, and reduce bacteria.

4. PARTS LIST

The Tehanld 52-Pint Dehumidifier package includes the following components:

- Dehumidifier Unit
- Removable Water Tank (1.6 Gallons)
- Drain Hose (60 inches)
- Power Cord
- User Manual (this document)

The unit is designed for user convenience with features such as 360° rolling wheels, a portable handle, a detachable and washable filter, and a visible water level bar.

SMART TOUCH PANEL



Image: Key design elements for ease of use, including a portable handle, detachable filter for cleaning, a visible water level indicator, and universal wheels for mobility.

5. CONTROL PANEL AND DISPLAY

The top-mounted control panel provides easy access to all functions. The digital display shows the current humidity level or timer settings.

3-IN-1 OPERATION



DEHU Mode
Optimize humidity in basements (30-50%), bedrooms (40-60%).



DRY Mode
Quickly take away clothing moisture



FAN Mode
The unit will not extract water for air circulation



Image: Detailed view of the smart touch control panel, showing various function buttons and the digital display for humidity or timer settings.

- **Power Button:** Turns the unit On or Off.
- **Mode Button:** Cycles through Dehumidification (DEHU), Dry (for laundry), and Fan modes.
- **Humidity Adjustment (HUMI +/-):** Sets the desired humidity level between 30% and 80%.
- **Speed Button:** Adjusts fan speed between High and Low.
- **Timer Button:** Sets the 24-hour On/Off timer.
- **Child Lock:** Press and hold "+" and "Timer" buttons for 3 seconds to lock/unlock the control panel.
- **LED Indicator:** Indicates various statuses (e.g., full tank, defrost).

6. SETUP

6.1 Unpacking and Placement

1. Remove all packaging materials from the unit.
2. Place the dehumidifier upright on a firm, level surface.
3. Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.
4. Avoid placing the unit near heat sources or in direct sunlight.

6.2 Drainage Options

Your dehumidifier offers two drainage methods:

FLEXIBLE DRAINAGE OPTIONS



Continuous Drainage
with Drain Hose (60inch)



Extra-Large Tank
1.6GAL(6050ML)



Image: Illustration of the two drainage methods: manual collection in the 1.6-gallon water tank or continuous drainage via the included 60-inch hose.

Manual Drainage (Water Tank)

- The unit will collect water in the 1.6-gallon removable 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.

Continuous Drainage (Drain Hose)

- For continuous, hands-free operation, attach the provided 60-inch drain hose to the continuous drain port on the back of the unit.
- Ensure the hose is sloped downwards to allow water to drain by gravity into a floor drain or suitable container.
- Do not allow the hose to be kinked or blocked, as this will prevent proper drainage.

7. OPERATING INSTRUCTIONS

Before operating, ensure the unit is plugged into a grounded outlet and the water tank is correctly installed or the drain hose is connected.

7.1 Power On/Off

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

7.2 Mode Selection

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



Image: Visual representation of the three operational modes: Dehumidification (DEHU), Dry (for clothes), and Fan mode.

- **DEHU Mode:** Optimizes humidity control, adjustable from 30% to 80% Relative Humidity (RH). Ideal for basements (30-50% RH) and bedrooms (40-60% RH).
- **DRY Mode:** Designed to quickly dry laundry by circulating air.
- **FAN Mode:** Circulates fresh air without extracting water.

7.3 Setting Desired Humidity

- In DEHU Mode, use the **HUMI +** or **HUMI -** buttons to set your desired humidity level (30%-80%). The unit will operate until this level is reached, then cycle on/off to maintain it.

7.4 Fan Speed Adjustment

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

7.5 Timer Function

- Press the **Timer** button to set a 24-hour timer for automatic power on or off. Use the humidity

adjustment buttons to set the desired hours.

7.6 Child Lock

- To activate or deactivate the Child Lock, press and hold the **HUMI +** and **Timer** buttons simultaneously for 3 seconds.

7.7 Operational Videos

Watch these videos for a visual guide on setting up and using your Tehanld Dehumidifier:

Your browser does not support the video tag.

Video: Demonstrates the Tehanld Dehumidifier's design for daily home use, showcasing its features and ease of integration into a living space.

Your browser does not support the video tag.

Video: A guide on the simple setup and user-friendly operation of the Tehanld Dehumidifier.

8. MAINTENANCE

8.1 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.
- Pour out the collected water.
- Reinsert the empty water tank firmly into the unit until it clicks into place. The unit will resume operation.

8.2 Cleaning the Air Filter

The detachable and washable filter should be cleaned regularly (every 2-4 weeks, depending on usage) to ensure optimal performance.

1. Turn off and unplug the dehumidifier.
2. Remove the filter from the back of the unit.
3. Wash the filter with warm, soapy water or vacuum it to remove dust and debris.
4. Rinse thoroughly and allow the filter to air dry completely before reinserting it.
5. Do not operate the dehumidifier without the filter installed.

8.3 Storage

- If storing the unit for an extended period, ensure the water tank is empty and clean, and the filter is clean and dry.
- Wrap the power cord neatly.
- Store the unit in an upright position in a cool, dry place.

9. TROUBLESHOOTING

If your dehumidifier is not operating correctly, please refer to the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; power cord loose; water tank full or not properly inserted.	Check power connection; ensure tank is empty and correctly seated.

Problem	Possible Cause	Solution
No water collected.	Humidity level too low; room temperature too low; air filter clogged; continuous drain hose blocked.	Adjust desired humidity; ensure room temp is above 42°F; clean filter; check drain hose.
Unit is noisy.	Unit not on a level surface; air filter clogged.	Place on a level surface; clean air filter.
Error Code E1: Humidity sensor error.	Internal sensor malfunction.	Unplug the unit for 5 minutes, then plug back in. If error persists, contact support.
Error Code CL: Child Lock active.	Control panel is locked.	Press and hold "+" and "Timer" for 3 seconds to unlock.
Error Code CH/LO/HI: Humidity range error.	Humidity reading outside normal operating range.	Ensure the unit is in an appropriate environment. If persistent, contact support.

10. SPECIFICATIONS

Feature	Specification
Brand	TehanId
Model Name	2026 Promax001
Dehumidification Capacity	52 Pints per Day
Floor Area Coverage	5000 Square Feet
Adjustable Humidity Range	30%-80%
Tank Volume	1.6 Gallons
Product Dimensions (D x W x H)	9.8"D x 13.8"W x 23.8"H
Number of Speeds	2 (High/Low)
Voltage	110 Volts
Item Weight	30.8 pounds
Special Features	Continuous Drain, Auto Shutoff, 24-Hour Timer, Auto Defrost, Quiet Operation, Removable Tank, Portable Design, Digital Display, LED Indicator, Detachable Filter, Ergonomic Handle, Child Lock

11. WARRANTY AND CUSTOMER SUPPORT

TehanId is committed to providing a high-quality product and excellent customer service.

- **12-Month Quality Assurance:** If you encounter any quality problems within 12 months of purchase, please contact us for assistance.
- **24-Hour Online Customer Service:** Our dedicated customer service team is available 24 hours a day to answer your questions and provide support.

For support, please refer to the contact information provided on your purchase platform or the product packaging.