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> TehanId 52 Pint Dehumidifier User Manual

TehanId TehanId001

TehanId 52 Pint Dehumidifier User Manual

Model: TehanId001 | Brand: TehanId

INTRODUCTION

The TehanId 52 Pint Dehumidifier is designed to effectively control humidity in large spaces up to 5,000 square feet, such as basements, bathrooms, garages, and offices. This advanced unit features smart humidity control, multiple operating modes (DEHU, DRY, Air), an intuitive LED display, a convenient timer, and a child lock for enhanced safety. It is engineered for energy efficiency and quiet operation, ensuring a comfortable and healthy environment.



Image: Tehanld 52 Pint Dehumidifier, front view.

Your browser does not support the video tag.

Video: Overview of the Tehanld large dehumidifier for home use, highlighting its features and portability.

SETUP GUIDE

1. Unpacking and Placement

Carefully remove the dehumidifier from its packaging. Place the unit on a flat, stable surface in the desired area. Ensure there is at least 8 inches of space around the unit for proper airflow. The unit is equipped with built-in wheels and a handle for easy mobility, allowing you to move it between rooms as needed.



Image: Illustrates the compact dimensions and portability features of the dehumidifier, including its handle and wheels.

2. Power Connection

Plug the power cord into a standard electrical outlet. The unit is ready for operation once connected.

3. Drainage Options

Your TehanId dehumidifier offers two drainage methods:

- **Manual Drainage:** The unit features an extra-large built-in water tank with a capacity of 6 liters (1.59 gallons). When the tank is full, the unit will automatically shut off and a "FULL" indicator will light up. Simply remove the tank, empty the collected water, and reinsert it.
- **Continuous Drainage:** For extended periods of operation without manual emptying, use the included 5.91-foot drain hose. Locate the drain port on the back of the unit, remove the rubber stopper, and securely attach the drain hose. Direct the hose to

a suitable drain or larger container. An adapter for the hose is included and can be found inside the water bucket; ensure it is removed before use.

WAYS TO DRAIN WATER

AUTOMATIC GREVITY DRAINING

70.8-inch high ductility hose



MANUAL DRAINING

1.59 gallon Water Tank



Image: Demonstrates both manual water tank drainage and continuous drainage using the provided hose.

OPERATING INSTRUCTIONS

The control panel provides easy access to all functions. When pressing a button to change the operation mode, the device will beep to confirm the selection.

DIGITAL CONTROL PANEL



Image: Close-up view of the digital control panel with various buttons and LED display.

1. Power On/Off

Press the **POWER** button to turn the unit on or off. The unit defaults to DEHU mode upon startup.

2. Operating Modes

Press the **MODE** button to cycle through the three available modes:

- **DEHU Mode:** Maintains the ideal humidity level in your space. The humidity adjustment range is 30%-80%. Use the **HUMI+** and **HUMI-** buttons to set your desired humidity level.
- **DRY Mode:** Designed for quickly drying clothes. This mode helps remove moisture from garments efficiently.
- **Air Mode:** Operates the device in fan-only mode, circulating air without extracting water. Ideal for general air circulation.

3 IN 1 OPERATION MODE

Dehu Mode

30%-80RH% humidity range
Smart humidity setting



Fan Mode

The unit will not extract water
for air circulation



Dry Mode

Ideal for quickly drying
your wet clothes



Image: Visual representation of the three operating modes: Dehu, Fan, and Dry, with descriptions of their functions.

3. Humidity Control

In DEHU mode, use the **HUMI+** and **HUMI-** buttons to set your desired humidity level between 30% and 80%. The smart electronic sensor will automatically maintain this level.

4. Timer Function

Press the **TIMER** button to set an auto-off timer from 0 to 24 hours. Each press increases the time by one hour. The unit will automatically turn off after the set duration.

5. Child Lock

To activate the child lock, press and hold the **HUMI+** and **TIMER** buttons together for three seconds. This prevents accidental changes to settings. Repeat the process to deactivate the child lock.

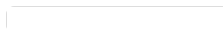


Image: Illustrates the child lock function for enhanced safety.

6. Fan Speed

Press the **SPEED** button to switch between high and low fan speeds.

7. Quiet Operation

With advanced noise-reduction technology, the dehumidifier operates at no more than 42 decibels, ensuring minimal disturbance during sleep or study.

Your browser does not support the video tag.

Video: Demonstrates the intelligent moisture management system and control panel features of the dehumidifier.

MAINTENANCE

1. Emptying the Water Tank

When the water tank is full, the unit will automatically shut off, and the "FULL" indicator will illuminate. The silent full bucket indicator ensures no loud alarms disturb your sleep. Carefully remove the water tank from the unit, empty the collected water, and slide the tank back into place until it clicks securely.

2. Cleaning the Washable Filter

The dehumidifier is equipped with a washable filter to maintain optimal performance. Regularly check and clean the filter to ensure efficient operation. To clean, remove the filter cover, take out the filter, and rinse it under running water. Allow it to dry completely before reinserting.

3. Automatic Defrost Function

The unit features an automatic defrost function to prevent ice buildup on the coils, especially in cooler environments. This ensures continuous and efficient operation without manual intervention.



Image: Shows key maintenance features including auto shut-off, washable filter, 360-degree wheels, and auto defrost.

TROUBLESHOOTING GUIDE

This section provides solutions to common issues you might encounter with your dehumidifier. The unit features smart error codes to help diagnose problems.

Error Code/Issue	Description	Solution
"FULL" Indicator On	The water tank is full or not properly seated.	Empty the water tank and ensure it is correctly reinserted. If using continuous drainage, check for kinks or blockages in the hose.

Error Code/Issue	Description	Solution
"E1"	Sensor failure. The unit will operate on a 20-minute cycle with a 5-minute defrost.	Unplug the unit for a few minutes and then plug it back in. If the error persists, contact customer support.
"CL/CH"	Extreme temperatures detected (CL: <5°C; CH: >38°C).	Ensure the unit is operating within its recommended temperature range (5°C to 38°C). Move the unit to a more suitable environment if necessary.
"LO"	Low humidity detected (<20%). Triggers safety shutdown with a 30-second fan delay.	This is a normal safety feature. The unit will resume operation when humidity levels rise.
"H0"	High humidity detected (>90%). Normal operation.	This indicates the unit is operating as expected to reduce high humidity. No action is required unless you wish to adjust the target humidity.
Unit not collecting water	Possible causes include low ambient humidity, clogged filter, or incorrect settings.	Check the current humidity level in the room. Ensure the filter is clean. Verify that the desired humidity setting is lower than the current room humidity.

SPECIFICATIONS

Feature	Detail
Brand	TehanId
Model Name	TehanId001
Dehumidification Capacity	52 Pints per Day
Coverage Area	Up to 5000 Square Feet
Water Tank Volume	1.59 Gallons (6 Liters)
Product Dimensions (D x W x H)	9.5"D x 13.38"W x 23.7"H
Item Weight	27.6 Pounds
Material	Acrylonitrile Butadiene Styrene (ABS)
Wattage	120 watts
Operation Mode	Continuous

Feature	Detail
Special Features	Automatic Shutoff, 2-Way Drainage, Adjustable Humidity Control, Automatic Defrost, Automatic Moisture Removal, Automatic Restart, LED Display, Ergonomic Handle, Portable, Removable Tank, Timer, Water Level Indicator, Child Lock
Included Components	User Manual, Dehumidifier, Removable Water Tank, Drain Hose, Power Cord

WARRANTY AND SUPPORT

Tehanld provides a one-year accessory maintenance service for your dehumidifier. Each unit undergoes quality testing to ensure reliability.

Contacting Customer Support

If you have any questions or encounter issues with your product, please do not hesitate to contact us. We are committed to providing a satisfactory solution, including a prepaid label for returns or other assistance.

To contact us via Amazon:

1. Log into your Amazon account.
2. Go to your order history and locate the order ID for your dehumidifier.
3. Click on 'Contact Seller'.

We are here to make your experience smooth and stress-free.