WAYKAR DEHUMIDIFIER

User Manual & Operating Instructions

Model: WK-D035A / WK-D050A Series

Note: This manual is downloaded from https://thewaykar.com/

Important Safety Information

Read all instructions before using this dehumidifier. Failure to follow these instructions may result in fire, electrical shock, or serious injury.

Safety Precautions

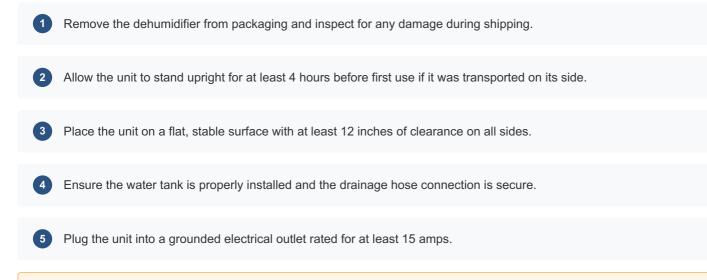
- · Always plug the unit into a grounded electrical outlet
- Never operate the unit with a damaged cord or plug
- · Do not use extension cords with this appliance
- · Keep the unit away from heat sources and direct sunlight
- Do not block air intake or exhaust vents
- · Never insert fingers or objects into the unit
- Disconnect power before cleaning or servicing
- Do not operate in temperatures below 41°F (5°C)
- Ensure proper ventilation around the unit (minimum 12 inches clearance)

Product Specifications

Specification	WK-D035A	WK-D050A
Dehumidification Capacity	35 Pints/Day	50 Pints/Day
Coverage Area	Up to 3,000 sq ft	Up to 4,500 sq ft
Water Tank Capacity	1.8 Gallons	1.8 Gallons
Power Consumption	590W	700W
Voltage	115V AC, 60Hz	
Operating Temperature	41°F - 95°F (5°C - 35°C)	
Dimensions (W×D×H)	15.4" × 11.0" × 24.3"	15.4" × 11.0" × 24.3"
Weight	39.5 lbs	41.2 lbs
Noise Level	< 48 dB	

Setup and Installation

Initial Setup



Do not operate the dehumidifier immediately after unpacking. Allow it to acclimate to room temperature for at least 30 minutes.

Placement Guidelines

- Position away from walls and furniture to ensure proper airflow
- Place on a level surface to prevent water leakage
- Avoid areas with direct sunlight or heat sources
- Ensure adequate ventilation around the unit
- Keep away from curtains, bedding, or other fabrics that could block airflow

Digital Display

- Current Humidity: Shows the current relative humidity percentage
- Target Humidity: Displays the desired humidity level (30-80%)
- Timer Display: Shows remaining time when timer is active
- Error Codes: Displays diagnostic codes when issues occur

Control Buttons

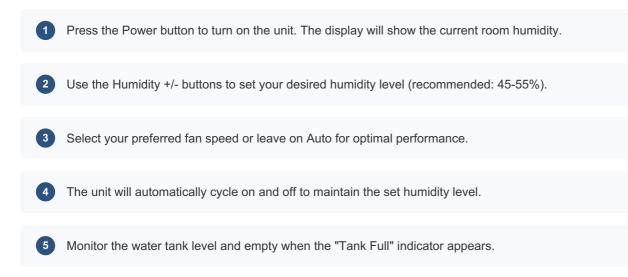
- Power Button: Turns the unit on and off
- Humidity +/-: Adjusts target humidity level
- Fan Speed: Cycles through Low, Medium, High, and Auto settings
- Timer: Sets automatic shut-off time (1-24 hours)
- Mode: Switches between Normal, Laundry, and Continuous modes
- Filter Reset: Resets the filter replacement indicator

Operating Modes

- Normal Mode: Maintains set humidity level automatically
- Laundry Mode: Maximum dehumidification for faster clothes drying
- Continuous Mode: Runs continuously regardless of humidity level
- Auto Mode: Automatically adjusts fan speed based on humidity difference

Operation Instructions

Basic Operation

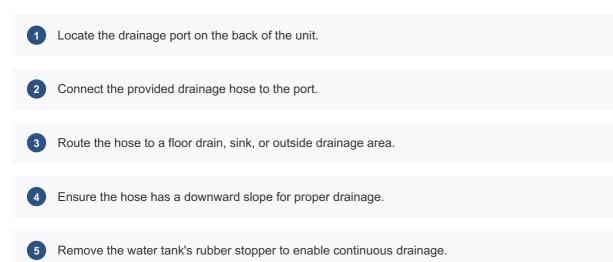


Water Tank Management

- Check the water level regularly through the transparent water tank
- When the tank is full, the unit will stop automatically and display "Tank Full"
- Remove the tank by pulling it straight out from the unit
- Empty the water and rinse the tank with clean water
- · Reinstall the tank firmly until it clicks into place

Continuous Drainage Option

For continuous operation without tank emptying:



Maintenance and Care

Regular Maintenance Schedule

- Weekly: Empty and clean water tank
- Bi-weekly: Clean air intake filter
- Monthly: Wipe down exterior surfaces
- Quarterly: Deep clean internal components
- Annually: Professional service check (if needed)

Filter Cleaning



Exterior Cleaning

- Unplug the unit before cleaning
- Use a soft, damp cloth to wipe the exterior
- · Do not use abrasive cleaners or solvents
- Ensure all surfaces are dry before plugging in

Never spray water directly on the unit or submerge any part in water. This can cause electrical shock or damage to the unit.

Troubleshooting Guide

Problem	Possible Cause	Solution
Unit won't start	No power supply Water tank not properly installed Room temperature too low	Check power connection Reinstall water tank firmly Ensure room temperature is above 41°F
Not removing moisture	Dirty air filter Blocked air vents Room too cold Refrigerant leak	Clean or replace filter Clear vents of obstructions Increase room temperature Contact customer service
Excessive noise	Unit not level Loose parts Dirty fan blades	Level the unit properly Check for loose screws Clean fan area
Ice formation	Room temperature too low Dirty evaporator coils Low refrigerant	Increase room temperature Clean coils Contact service technician
Water leakage	Tank not properly seated Cracked tank Blocked drainage	Reinstall tank correctly Replace damaged tank Clear drainage pathway
Auto-shutoff not working	Faulty humidity sensor Control board issue	Reset unit by unplugging for 30 minutes Contact customer service

Error Codes

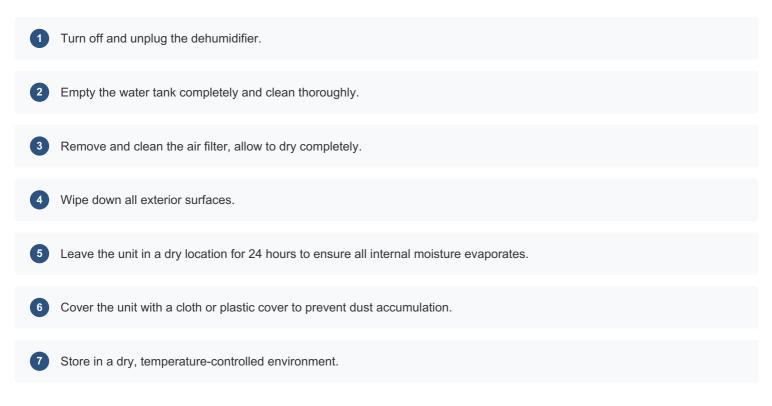
- E1: Temperature sensor error Contact customer service
- E2: Humidity sensor error Reset unit and contact service if persistent
- E3: Internal temperature too high Check ventilation and room temperature
- E4: Water tank error Remove and reinstall tank properly
- F1: Filter replacement needed Clean or replace air filter

Energy Efficiency Tips

- Set humidity to 45-55% for optimal comfort and energy efficiency
- Close windows and doors to prevent humid air from entering
- · Use exhaust fans in bathrooms and kitchens to reduce moisture at the source
- Keep the air filter clean for maximum airflow efficiency
- Position the unit away from heat sources to reduce workload
- · Use the timer function to operate during off-peak energy hours
- · Ensure proper insulation in your home to maintain consistent humidity levels

Storage and Winterization

Long-term Storage



Preparing for Next Season

- Remove storage cover and inspect for any damage
- Reinstall the clean air filter
- Wipe down exterior surfaces
- Allow unit to acclimate to room temperature for 30 minutes
- Perform a test run to ensure proper operation

Warranty Information

Limited Warranty Coverage

Waykar provides a limited warranty on this dehumidifier:

- Parts and Labor: 2 years from date of purchase
- Compressor: 5 years from date of purchase
- Coverage: Manufacturing defects and component failures under normal use

Warranty Exclusions

- Damage due to misuse, abuse, or negligence
- Normal wear and tear (filters, cosmetic damage)
- Damage from power surges or electrical issues
- Units serviced by unauthorized technicians
- Commercial or rental property use

To Obtain Warranty Service

- 1. Contact Waykar customer service at the number provided in your documentation
- 2. Provide proof of purchase and model number
- 3. Describe the issue and any troubleshooting steps taken
- 4. Follow the instructions provided by the service representative

Customer Support

Contact Information

For technical support, warranty claims, or product questions:

- Website: https://thewaykar.com/
- Email: support@waykar.com
- Phone: 1-800-WAYKAR-1 (1-800-929-5271)
- Hours: Monday-Friday, 9 AM 6 PM EST

Before Calling Support

Please have the following information ready:

- Model number (located on the unit's rating plate)
- Serial number
- Date of purchase and proof of purchase
- Description of the problem
- Any error codes displayed

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Version 2.1 | Last Updated: January 2025

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