Emerson Quiet Kool EAD25E1H

Emerson Quiet Kool 25-Pint Portable Dehumidifier User Manual

Model: EAD25E1H

Introduction

Thank you for choosing the Emerson Quiet Kool 25-Pint Portable Dehumidifier. This manual provides important information for the proper operation, maintenance, and troubleshooting of your dehumidifier. Please read it thoroughly before use and keep it for future reference.
This dehumidifier is designed to effectively remove excess moisture from the air in rooms up to 1500 sq. ft., helping to create a more comfortable and healthy indoor environment. It features an Energy Star rating for efficient operation, a quiet design, and user-friendly controls.

Important Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Read all instructions before using the dehumidifier.
- Ensure the unit is connected to a properly grounded electrical outlet.
- Do not operate the dehumidifier with a damaged cord or plug.
- Do not block air inlets or outlets.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit near water or in excessively wet environments.
- This appliance is for residential use only.

Product Overview

Familiarize yourself with the components and features of your Emerson Quiet Kool Dehumidifier.



Figure 1: Front view of the dehumidifier, showing the air intake grille and the lower bucket section.

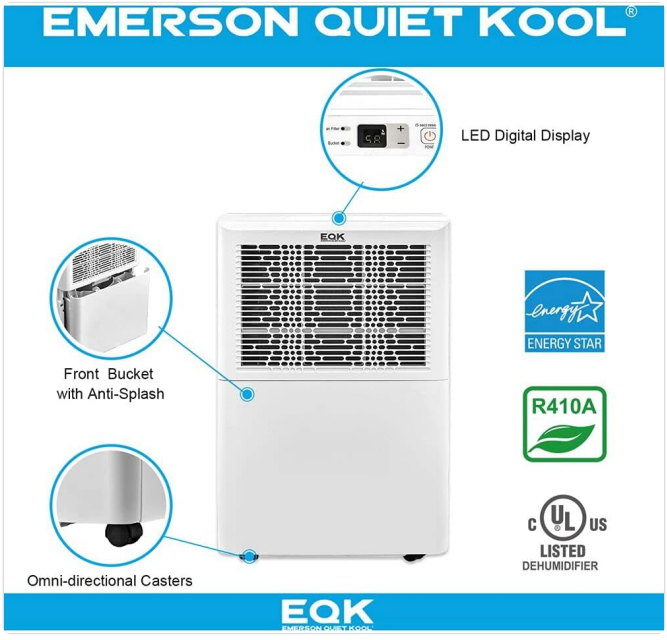


Figure 2: Key features including the LED digital display, front bucket with anti-splash design, and omni-directional casters for easy movement.

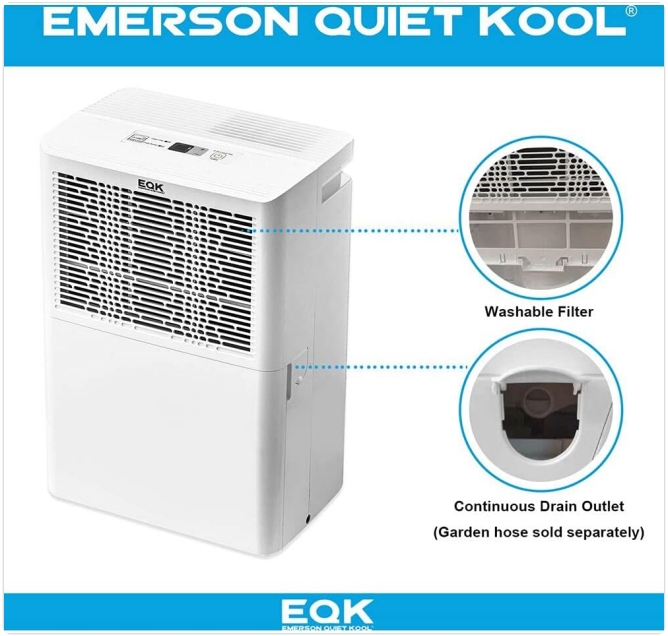


Figure 3: Side view illustrating the location of the washable air filter and the continuous drain outlet (garden hose sold separately).



Figure 4: Detailed view of the control panel, showing the bucket full indicator and controls for precise humidity adjustment.

Control Panel Features

- **LED Digital Display:** Shows current humidity level and settings.
- **Power Button:** Turns the unit on or off.
- **Humidity Control Buttons (+/-):** Adjusts desired humidity level.
- **Fan Speed Button:** Selects between 3 fan speeds.
- **Timer Button:** Sets the 24-hour programmable timer.
- **Clean Filter Alert:** Illuminates when the filter needs cleaning.
- **Empty Bucket Alert:** Illuminates when the water collection bucket is full.

Setup and Installation

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain the packaging for future storage or transport.

2. **Placement:** Place the dehumidifier on a level surface in the area where moisture removal is desired. Ensure there is at least 8 inches of space around the unit for proper air circulation. Avoid placing it near heat sources or in direct sunlight.
3. **Caster Wheel Installation:** The dehumidifier comes with 4 omni-directional caster wheels. Insert each wheel firmly into the designated slots at the bottom of the unit until it clicks into place.
4. **Power Connection:** Plug the power cord into a grounded 115V/60Hz electrical outlet.
5. **Initial Operation:** For optimal performance, allow the unit to stand upright for at least 2 hours before plugging it in and turning it on, especially if it was transported on its side.

Operating Instructions

Turning On/Off

- Press the **POWER** button to turn the dehumidifier on or off.

Setting Desired Humidity Level

- When the unit is on, the display will show the current room humidity.
- Press the **+/-** buttons to set your desired humidity level. The humidity can be set between 35% RH (Relative Humidity) and 85% RH in 5% increments.
- The unit will operate until the set humidity level is reached, then it will cycle off. It will restart automatically if the humidity rises above the set level.

Fan Speed Control

- Press the **FAN SPEED** button to cycle through the available fan speeds: Low, Medium, and High.
- Higher fan speeds will result in faster moisture removal and increased noise.

Timer Function

- The 24-hour programmable timer allows you to set a specific time for the unit to turn on or off.
- **To set Auto-Off:** With the unit running, press the **TIMER** button. Use the **+/-** buttons to select the desired number of hours (1-24) until the unit turns off.
- **To set Auto-On:** With the unit off, press the **TIMER** button. Use the **+/-** buttons to select the desired number of hours (1-24) until the unit turns on.
- The timer indicator light will illuminate when the timer is active.

Water Collection and Drainage

The dehumidifier offers two methods for water collection:

1. **Bucket Collection:**
   Water collects in the removable 5.6-pint bucket. When the bucket is full, the "Empty Bucket" indicator will light up, and the unit will automatically shut off to prevent overflow. Carefully remove the bucket, empty the water, and replace it firmly into the unit. The unit will resume operation.
2. **Continuous Drainage:**
   For continuous operation without emptying the bucket, you can connect a standard garden hose (not included) to the continuous drain outlet on the side of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a floor drain or suitable receptacle. Do not allow the hose to kink or be elevated, as this will prevent proper drainage.



Figure 5: Visual representation of the continuous drain option.

Maintenance

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

Cleaning the Air Filter

The washable air filter should be cleaned approximately every two weeks, or when the "Clean Filter" indicator light illuminates.

1. Unplug the dehumidifier from the power outlet.
2. Locate the air filter on the side of the unit (refer to Figure 3). Gently pull the filter out.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it. Do not use a dishwasher or hot water.
5. Once the filter is reinserted, plug in the unit and press the "Filter Reset" button (often combined with the power button, hold for 5 seconds) to clear the indicator light.

Cleaning the Water Bucket

Clean the water collection bucket periodically to prevent mold and mildew growth.

- Remove the bucket from the unit.
- Wash the bucket with warm water and a mild detergent.
- Rinse thoroughly and dry completely before replacing.

Cleaning the Unit Exterior

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

Storage

If storing the unit for an extended period:

- Empty and clean the water bucket.
- Clean the air filter.
- Wrap the power cord neatly.
- Store the unit upright in a cool, dry place, preferably in its original packaging.

Troubleshooting

Before contacting customer service, please refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Dehumidifier does not operate.	Power cord unplugged. Bucket is full or not properly seated. Room temperature is too low (below 41°F / 5°C). Humidity level set too high.	Ensure power cord is securely plugged in. Empty the bucket and ensure it is correctly reinserted. The unit is designed to operate between 41°F (5°C) and 90°F (32°C). Lower the desired humidity setting.
No water collected.	Room humidity is already low. Air filter is clogged. Continuous drain hose is kinked or elevated.	Check room humidity level. Clean the air filter. Ensure continuous drain hose is straight and sloped downwards.
Unit runs constantly.	Humidity setting is too low. Room is too large or too humid. Doors/windows are open.	Increase the desired humidity setting. Ensure the unit is appropriately sized for the room. Close all doors and windows to the area being dehumidified.
Error Code E9.	This error typically indicates a sensor malfunction or a problem with the refrigerant system.	Unplug the unit for 10 minutes, then plug it back in. If the error persists, contact customer support.

Specifications

Feature	Detail
Brand	Emerson Quiet Kool
Model Name	Emerson Quiet Kool 25-Pint Energy Star Quiet Portable Dehumidifier
Model Number	EAD25E1H
Dehumidification Capacity	25 Pints per Day
Coverage Area	Up to 1500 Square Feet
Water Tank Capacity	5.6 Pints (0.7 Gallons)
Product Dimensions (DxWxH)	12.4"D x 16.5"W x 21.06"H
Item Weight	30.8 Pounds
Color	White
Material	Plastic
Number of Speeds	3
Wattage	295 watts
Operation Mode	Standard
Air Flow Capacity	112 Cubic Feet Per Minute

Feature	Detail
Upper Temperature Rating	90 Degrees Fahrenheit
Special Features	Adjustable Humidity Control, Automatic Defrost, Automatic Restart, Automatic Shutoff, Bucket Storage, Continuous Draining, Portable, Timer
UPC	850026178241

Warranty and Support

Emerson Quiet Kool offers a comprehensive warranty for this dehumidifier:

- **1 Year Labor Warranty**
- **2 Years Parts Warranty**
- **5 Years Compressor Warranty**

For technical assistance, warranty claims, or to purchase replacement parts, please contact Emerson Quiet Kool customer support. Refer to the contact information provided in your product packaging or visit the official Emerson Quiet Kool website.



Figure 6: The dehumidifier in a home environment, highlighting the 1-2-5 year warranty.

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This manual is for informational purposes only. Specifications are subject to change without notice.