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› [COSTWAY](#) /

› [COSTWAY Commercial Dehumidifier User Manual](#)

COSTWAY ES10302US-WH

COSTWAY Commercial Dehumidifier User Manual

Model: ES10302US-WH

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your COSTWAY Commercial Dehumidifier. This commercial-grade dehumidifier is designed to reduce excess moisture and improve air quality in large spaces up to 4500 square feet. It features a powerful dehumidification capacity, an intelligent touch control panel, and a continuous drainage system with a built-in pump.

SAFETY INSTRUCTIONS

- Ensure the unit is placed on a stable, level surface.
- Do not block air inlets or outlets.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning or maintenance.
- Use only the specified power source (115V/60Hz).
- Do not operate the unit if the power cord or plug is damaged.

PRODUCT OVERVIEW





Figure 1: Front view of the COSTWAY Commercial Dehumidifier, showing the control panel and air intake grille.

High Efficient Dehumidification

163
PPD

210
CFM

4500
Sq.Ft



Figure 2: Visual representation of the dehumidifier's effectiveness in reducing humidity from 80% to 30% in a 4500 sq.ft area, with 163 PPD and 210 CFM ratings.

SETUP

1. **Unpacking:** Carefully remove the dehumidifier from its packaging.
2. **Wheel and Handle Assembly:** Attach the four wheels and the push handle to the unit as per the included hardware. Two of the wheels are lockable for stability.
3. **Drain Hose Connection:** Connect the provided 16.7 ft drain hose to the drainage outlet on the side of the unit for continuous drainage. Ensure the hose is routed to a suitable drain point with a vertical height of up to 16.5 ft.
4. **Placement:** Position the dehumidifier in the desired area, ensuring adequate space around the unit for proper airflow.

OPERATING INSTRUCTIONS

The dehumidifier features an intelligent touch control panel with an LED display for easy operation.

1. **Power On/Off:** Press the **Stand-By/Power** button to turn the unit on or off.
2. **Fan Speed Adjustment:** Press the **Fan Speed** button to cycle between low and high fan speeds.
3. **Humidity Setting:** Use the **Up** and **Down** arrows to set the desired humidity level, ranging from 20% to 90%. The unit will operate to maintain this level.
4. **24-Hour Timer:** Press the **Timer** button to set an automatic shut-off time, up to 24 hours. This is useful for scheduled operation.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

1. **Filter Cleaning:** The unit features a detachable and washable filter. To clean, pop off the front rack, remove the mesh filter, rinse it with water, and allow it to dry completely before reinserting.
2. **Draining Excess Moisture:** While the unit has a continuous drain hose, if manual draining is ever required, open the bottom front door by twisting the latch and pulling it open. This provides access for cleaning any accumulated water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord not properly connected.	Ensure the unit is plugged into a working outlet. Check the power cord connection.
Dehumidification is weak.	Air filter is dirty; room temperature is too low; humidity setting is too high.	Clean the air filter. Ensure room temperature is within operating range. Lower the humidity setting.
Error Code E6.	Internal pump malfunction or water tank issue.	Check for any obstructions in the drain hose or water tank. If the issue persists, contact customer support.

SPECIFICATIONS

Brand: COSTWAY

Model Name: Commercial Dehumidifier

Model Number: ES10302US-WH

Product Dimensions: 17"D x 16"W x 32"H

Net Weight: 69.5 lbs

Dehumidification Capacity: 163 Pints/Day (95°F, 90% RH); 75 Pints/Day (80°F, 60% RH); 48 Pints/Day (65°F, 60% RH)

Max Coverage Area: 4500 Sq.Ft

Airflow Rate: 210 CFM

Humidity Setting Range: 20% - 90%

Power Source: 115V/60Hz

Rated Input Power: 520W

Rated Input Current: 4.6A

Noise Level: ≤48 dB

Drain Hose Length: 16.7 ft

Drainage Vertical Height: 16.5 ft

Power Cord Length: 5.4 ft

Material: Metal, PP, TPE

Color: White

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official COSTWAY website. Keep your purchase receipt for warranty claims.

For additional assistance, you may contact COSTWAY customer service through their official channels. You can find more information about COSTWAY products and support at the [COSTWAY Store on Amazon](#).