COSTWAY 66 L Commercial Dehumidifier

COSTWAY 66 L Commercial Dehumidifier User Manual

Model: 66 L Commercial Dehumidifier (ASIN: B0D6716DMM)

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your COSTWAY 66 L Commercial Dehumidifier. This powerful unit is designed for high-efficiency moisture removal in large areas up to 418 square meters, making it suitable for commercial, industrial, and residential applications such as construction sites, warehouses, basements, and wine cellars. Please read this manual thoroughly before operating the appliance and retain it for future reference.

2. PRODUCT OVERVIEW AND COMPONENTS

The COSTWAY 66 L Commercial Dehumidifier features a robust design with integrated components for ease of use and portability.

- Maniglie Integrate
- Filtro Rimovibile & Lavabile
- Interruttore di Blocco della Porta

Figure 2.1: Key Product Features. This image highlights the integrated handles for easy lifting, the removable and washable filter for simple maintenance, and the door lock switch for secure operation.

Figure 2.2: Portability Design. The dehumidifier is equipped with a push handle, two lockable universal front wheels, and two large rear wheels for flexible movement and easy transport across various surfaces.

Main Components:

- **Control Panel:** Intuitive touch panel with LED display for settings adjustment.
- **Air Inlet/Outlet:** Where air enters and exits the unit.
- **Drainage Port:** For connecting the drainage hose.
- **Removable Filter:** Located behind a panel for air purification and easy cleaning.
- **Integrated Handles:** For lifting and carrying.
- **Wheels:** Universal lockable front wheels and large rear wheels for mobility.
- **Push Handle:** For convenient maneuvering.

3. SETUP

3.1 Placement

- Place the dehumidifier on a stable, level surface.
- Ensure there is at least 20 cm (8 inches) of space around the air inlet and outlet for proper airflow.
- Avoid placing the unit near heat sources or in direct sunlight.

3.2 Power Connection

- Connect the power cord to a grounded electrical outlet with the correct voltage (220-240V/50Hz).
- Do not use extension cords or adapters.

3.3 Drainage Setup

This dehumidifier features a built-in pump for continuous drainage, allowing water to be discharged vertically or horizontally to a drain or sink.

Pompa Incorporata per Facile Drenaggio
- Lunghezza del Tubo di Drenaggio: 510 cm
- Altezza Verticale di Drenaggio: 500 cm

Figure 3.1: Built-in Pump for Easy Drainage. The image illustrates the connection of the drainage hose and the capability for vertical drainage up to 500 cm, allowing for flexible water disposal.

1. Locate the drainage port on the unit.
2. Connect the provided drainage hose securely to the drainage port.
3. Direct the other end of the hose to a suitable drain, sink, or container. Ensure the hose is not kinked or blocked.
4. The maximum vertical drainage height is 500 cm (5 meters).

4. OPERATING INSTRUCTIONS

The dehumidifier is controlled via an intuitive touch panel with a clear LED display.

Figure 4.1: Simple Operation Control Panel. The smart touch panel and clear LED display allow for easy adjustment of fan speed, humidity settings, and timer functions.

4.1 Power On/Off

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

4.2 Fan Speed Adjustment

- Press the **FAN SPEED** button to toggle between High and Low fan speeds.

4.3 Humidity Setting

- Press the **UP** or **DOWN** buttons to adjust the desired humidity level. The adjustable range is from 20% to 90% Relative Humidity (RH).
- The unit will operate until the set humidity level is reached, then cycle on and off to maintain it.

4.4 Timer Function

- Press the **TIMER** button to set the operating duration from 0 to 24 hours.
- Use the **UP** or **DOWN** buttons to adjust the desired time.
- The unit will automatically turn off or on after the set time has elapsed.

4.5 Automatic Defrost

- The dehumidifier is equipped with an automatic defrost function. If frost builds up on the evaporator coils, the unit will automatically enter defrost mode to protect the system and ensure efficient operation.

4.6 Automatic Restart

- In case of a power outage, the unit will automatically restart with the previously set parameters once power is restored.

5. MAINTENANCE

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

5.1 Filter Cleaning

- The dehumidifier features a removable and washable filter.
- It is recommended to clean the filter every two weeks or more frequently depending on usage and air quality.
- To clean: Turn off and unplug the unit. Remove the filter panel. Gently pull out the filter. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.

5.2 General Cleaning

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the air inlet and outlet grilles are free from dust and obstructions.

5.3 Storage

- If storing the unit for an extended period, ensure it is clean and dry.
- Drain any remaining water from the unit and hose.
- Store in a cool, dry place, preferably covered to protect from dust.

6. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply Power cord not securely plugged in Power outage	Check power outlet Ensure power cord is fully inserted Wait for power to be restored
Dehumidifier not collecting water	Humidity setting too high Room temperature too low Air filter clogged Unit in defrost mode	Lower the desired humidity setting Ensure room temperature is above 5°C (41°F) Clean the air filter Allow unit to complete defrost cycle
Weak airflow	Air filter clogged Air inlet/outlet blocked	Clean the air filter Remove any obstructions from air inlet/outlet
Unit is noisy	Unit not on a level surface Loose parts Fan obstruction	Place unit on a firm, level surface Check for any loose components Inspect fan for obstructions (unplug first)

Problem	Possible Cause	Solution
Water leakage	Drainage hose not properly connected Drainage hose kinked or blocked	Ensure hose is securely attached Straighten or clear any blockages in the hose

7. SPECIFICATIONS

Technical data for the COSTWAY 66 L Commercial Dehumidifier.

Specifiche

81,5cm

Capacità di Deumidificazione:
66L/Giorno (35℃, 90% RH)
47L/Giorno (27℃, 60% RH)
23L/Giorno (18℃, 60% RH)

Alimentazione:
220-240V/50Hz

Potenza Nominale in Ingresso: 790W

Corrente Nominale in Ingresso: 4,6A

Area di Copertura Massima: 418 ㎡

Portata del Flusso d'Aria: 355 m³/h

Lunghezza Tubo di Drenaggio: 510 cm

Lunghezza Cavo di Alimentazione: 164 cm

Peso Netto: 31,5 kg

44cm
41cm

Figure 7.1: Product Specifications. This diagram provides a visual overview of the dehumidifier's dimensions and key performance metrics.

Specification	Value
Brand	COSTWAY
Dehumidification Capacity	66 L/day (35°C, 90% RH) 47 L/day (27°C, 60% RH) 23 L/day (18°C, 60% RH)
Power Supply	220-240V/50Hz
Rated Input Power	790 W

Specification	Value
Rated Input Current	4.6 A
Maximum Coverage Area	418 m²
Airflow Rate	355 m³/h
Drainage Hose Length	510 cm
Power Cord Length	164 cm
Product Dimensions (D x W x H)	44 cm x 41 cm x 81.5 cm
Net Weight	31.5 kg
Number of Speeds	2 (High/Low)
Special Features	Integrated pump, removable and washable filter, portable design with wheels

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.

For further assistance, please contact COSTWAY customer service through their official website or the contact information provided with your purchase.