

EUHOMY OL20-BD068M

EUHOMY 20L Dehumidifier OL20-BD068M User Manual

Model: OL20-BD068M

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your EUHOMY 20L Dehumidifier, model OL20-BD068M. Please read it thoroughly before use and retain it for future reference. The EUHOMY OL20-BD068M is designed to remove up to 20 liters of moisture per day, improving air quality and comfort in spaces up to 50 square meters. It features energy-efficient operation, quiet performance, and intelligent humidity control.

2. SAFETY INSTRUCTIONS

Observe the following safety precautions to prevent injury or damage to the unit:

- Always connect the dehumidifier to a grounded power outlet with the correct voltage.
- Do not operate the unit with a damaged power cord or plug.
- Ensure the unit is placed on a stable, level surface to prevent tipping.
- Maintain at least 20 cm (8 inches) of clearance around the air inlet and outlet for proper airflow.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning, maintenance, or when not in use.
- Keep the unit away from water and other liquids. Do not operate in standing water.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- The refrigerant R290 is flammable. Handle with care and ensure proper ventilation.

3. PRODUCT OVERVIEW

3.1 Components

The EUHOMY OL20-BD068M dehumidifier includes the following main components:

- Control Panel with Digital Display
- Air Inlet (rear)
- Air Outlet (top)
- Removable Water Tank (4.5 Liters capacity)
- Continuous Drain Outlet
- Washable Nylon Filter
- Integrated Handle
- 360° Swivel Casters
- Power Cord
- Drain Hose (optional, for continuous drainage)



Figure 1: Front view of the EUHOMY 20L Dehumidifier, showing the control panel and water level indicator.



Figure 2: Dehumidifier dimensions (23.9 x 30.5 x 49.5 cm) and portability features including handle and 360° swivel casters.

3.2 Specifications

Feature	Specification
Model Number	OL20-BD068M
Dehumidification Capacity	20 Liters/day
Water Tank Volume	4.5 Liters

Feature	Specification
Recommended Coverage Area	Up to 50 square meters
Dimensions (L x W x H)	23.9 x 30.5 x 49.5 cm
Weight	12.35 kg
Power Consumption	280W (Max 330W)
Noise Level	Approximately 39 dB (in Sleep Mode)
Refrigerant	R290 (Eco-friendly)
Special Functions	Automatic Shut-off, Child Lock, Adjustable Humidity Control, Removable Tank, Continuous Drainage, Washable Filter, Water Level Indicator, Automatic Defrost, LED Power Indicator, Sleep Mode, Silent Operation, Digital Display, Portable, Automatic Restart, Timer



Figure 3: The dehumidifier utilizes R290 refrigerant, known for its low environmental impact.

4. SETUP

4.1 Placement

- Place the dehumidifier on a firm, level surface capable of supporting its weight when the water tank is full.
- Ensure there is at least 20 cm (8 inches) of clear space around all sides of the unit to allow for proper air

circulation.

- Avoid placing the unit near heat sources, in direct sunlight, or in areas where it may be exposed to splashing water.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.

4.2 Power Connection

- Plug the power cord into a grounded electrical outlet.
- Ensure the voltage matches the specifications of the unit.

4.3 Drainage Options

Your dehumidifier offers two drainage methods:

4.3.1 Manual Drainage (Water Tank)

- The unit will collect water in its 4.5-liter internal water tank.
- When the tank is full, the dehumidifier will automatically shut off, and an indicator light will illuminate.
- Carefully remove the water tank, empty it, and reinsert it securely. The unit will resume operation.

4.3.2 Continuous Drainage (Drain Hose)

- For continuous operation without emptying the tank, attach the included drain hose to the continuous drain outlet on the back of the unit.
- Ensure the hose is sloped downwards to allow gravity to drain the water into a suitable floor drain or container.
- Do not allow the hose to be kinked or blocked, as this will prevent proper drainage.

Hocheffiziente Entfeuchtung

40 x

20 L/Tag Entfeuchtungsleistung



45% ↓

Schnelle Feuchtereduktion

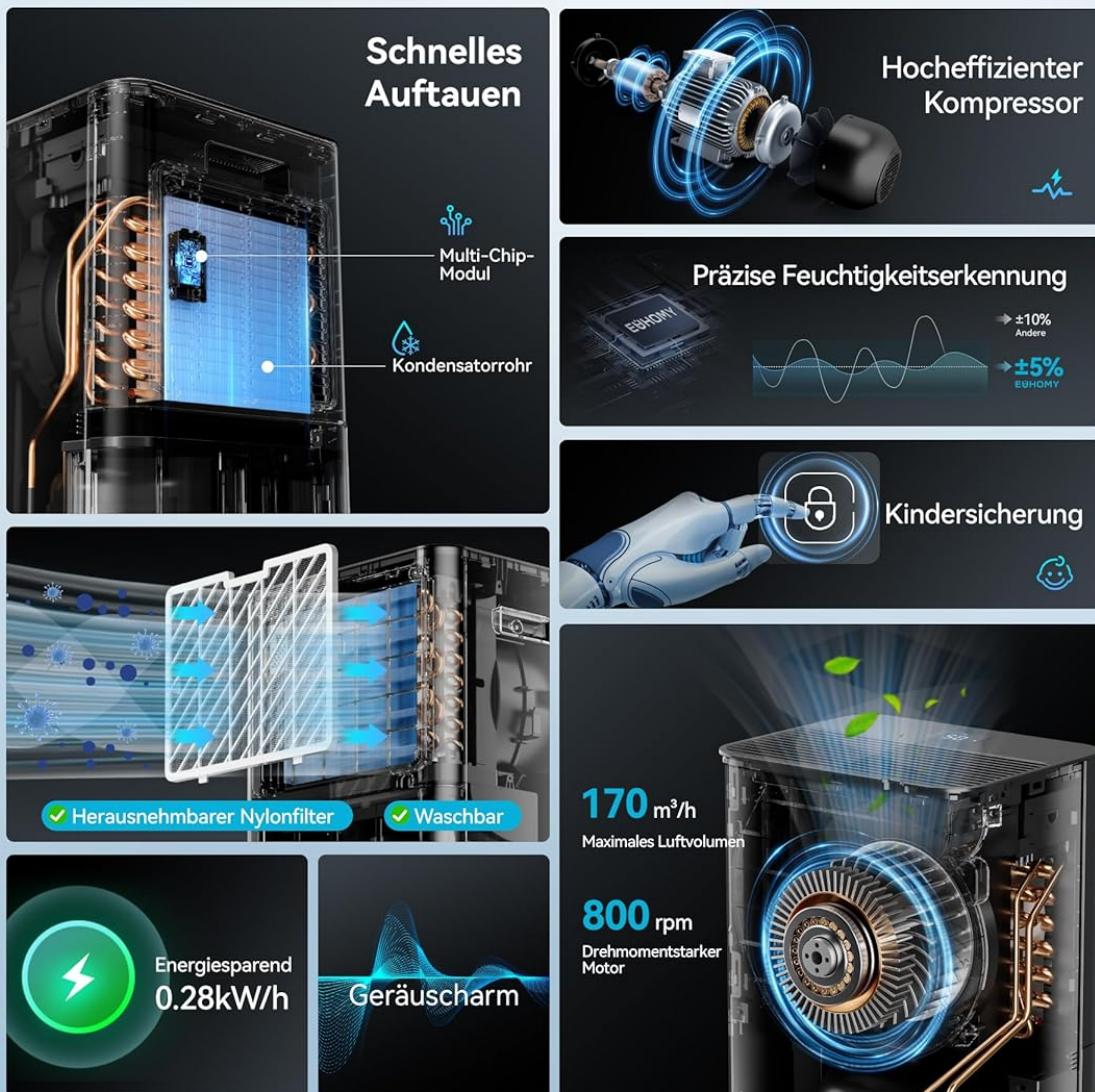


Figure 4: Illustration of the removable water tank and the continuous drainage hose connection point.

5. OPERATING INSTRUCTIONS

5.1 Control Panel

MEHR DETAILS⁺



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Figure 5: Overview of the digital control panel and humidity indicator lights.

The control panel features a digital display and several buttons for operation:

- **POWER Button:** Turns the unit On or Off.
- **MODE Button:** Cycles through operating modes (Auto, Drying, Sleep).
- **SET Button:** Adjusts the target humidity level (30% - 80% RH).
- **TIMER Button:** Sets the auto-on or auto-off timer (1-24 hours).
- **SPEED Button:** Adjusts fan speed (High/Low, available in certain modes).
- **LOCK Button:** Activates/deactivates the Child Lock function (press and hold for 3 seconds).
- **Digital Display:** Shows current humidity, target humidity, or timer settings.

- **Humidity Indicator Lights:** Three LED colors indicate current humidity levels (e.g., Blue for Low <44%, Green for Medium 45-65%, Red for High >66%).

5.2 Operating Modes

- **Auto Mode:** The unit automatically adjusts its operation based on the set target humidity. It will turn on/off to maintain the desired humidity level.
- **Drying Mode:** Designed for continuous dehumidification, ideal for drying laundry. The fan speed may be adjustable in this mode.
- **Sleep Mode:** Operates at a lower fan speed for quieter performance (approx. 39 dB) and dims the display lights for undisturbed sleep.



Figure 6: The dehumidifier operating quietly in Sleep Mode, producing approximately 39 dB of sound.



Figure 7: The dehumidifier in Drying Mode, effectively assisting in drying laundry.

5.3 Setting Target Humidity

- Press the **SET** button to enter humidity setting mode.
- Use the **SET** button to adjust the desired humidity level between 30% and 80% Relative Humidity (RH).
- The unit will automatically turn off when the set humidity is reached and restart when the humidity rises above the target.

5.4 Timer Function

- Press the **TIMER** button to set an auto-on or auto-off time from 1 to 24 hours.
- Each press increases the time by one hour.

- The timer will start counting down, and the unit will turn on/off after the set duration.

5.5 Child Lock

- To activate the Child Lock, press and hold the **LOCK** button for 3 seconds. The control panel will be locked to prevent accidental changes.
- To deactivate, press and hold the **LOCK** button again for 3 seconds.

5.6 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 melt the ice.
- During defrosting, the dehumidification function will pause, and the fan may continue to run. This is normal operation.



Figure 8: The dehumidifier features automatic defrost, automatic shut-off, and intelligent humidity control.

6. MAINTENANCE

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

6.1 Cleaning the Air Filter

- The dehumidifier is equipped with a washable nylon filter located at the air inlet.
- 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 from its housing. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.
- Do not operate the dehumidifier without the filter installed.

6.2 Cleaning the Water Tank

- Periodically clean the water tank to prevent mold and mildew growth.
- Remove the tank, empty any remaining water, and wash it with mild detergent and warm water.
- Rinse thoroughly and dry before placing it back into the unit.

6.3 Cleaning the Exterior

- Wipe the exterior of the unit with a soft, damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these may damage the surface.

6.4 Storage

- If storing the unit for an extended period, ensure the water tank is empty and clean, and the filter is clean and dry.
- Unplug the power cord and coil it neatly.
- Cover the unit to protect it from dust and store it in a cool, dry place.

7. TROUBLESHOOTING

Before contacting customer support, refer to the following troubleshooting guide for common issues:

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord not plugged in; Water tank full or not properly seated; Child lock activated.	Check power supply; Plug in power cord securely; Empty and reinsert water tank; Deactivate child lock.
No water collected or low dehumidification.	Room temperature too low; Humidity level already low; Air filter clogged; Air inlet/outlet blocked; Unit too small for the space; Continuous drain hose kinked or blocked.	Ensure room temperature is above 5°C (41°F); Check current humidity setting; Clean air filter; Clear obstructions; Ensure proper sizing for the room; Check drain hose for kinks.
Unit is noisy.	Unit not on a level surface; Air filter clogged; Internal components vibrating.	Place on a level surface; Clean air filter; If noise persists and is unusual, contact support.
Water leaks from the unit.	Water tank not properly seated; Continuous drain hose not securely connected or damaged.	Ensure water tank is fully inserted; Check continuous drain hose connection and condition.
Frost on coils.	Operating in low temperatures.	This is normal; the unit will automatically defrost. Ensure room temperature is not excessively low.

8. WARRANTY AND SUPPORT

Your EUHOMY 20L Dehumidifier comes with a **12-month warranty** from the date of purchase.

EUHOMY also provides **lifetime technical support** for this product. Our dedicated support team is available 24/7 to assist you with any questions or issues you may encounter.

For warranty claims, technical assistance, or any other inquiries, please refer to the contact information provided on your purchase receipt or visit the official EUHOMY website. Please have your model number (OL20-BD068M) and purchase date ready when contacting support.

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