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Newentor ND20-EU

Newentor ND20-EU 20L Dehumidifier User Manual

Model: ND20-EU | Brand: Newentor

1. Introduction

Thank you for choosing the Newentor ND20-EU 20L Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your appliance. Please read it thoroughly before use and retain it for future reference.

1.1 Safety Information

- Always connect the dehumidifier to a properly grounded electrical outlet with the correct voltage.
- Do not operate the unit if the power cord or plug is damaged.
- Keep the unit away from water and other liquids to prevent electric shock.
- Ensure adequate clearance around the unit for proper airflow (at least 20 cm from walls or furniture).
- Do not insert objects into the air inlet or outlet.
- 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.
- Unplug the unit before cleaning or performing any maintenance.

2. Product Overview

The Newentor ND20-EU Dehumidifier is designed to efficiently remove excess moisture from your indoor environment, improving air quality and comfort. It features a high-performance compressor, quiet operation, and multiple drainage options.



This image displays the Newentor ND20-EU 20L Dehumidifier, showcasing its compact design and highlighting key features such as its quiet operation at 39 dB and a 10-year warranty. A 'Very Good' rating from WARENTEST ONLINE is also visible.

2.1 Key Features

- **High Dehumidification Capacity:** Removes up to 20 liters of moisture per day.
- **Quiet Operation:** Operates at a low noise level of 39 dB.
- **Advanced Compressor:** Features a TCL x Newentor compressor for optimal performance.
- **Exclusive One-Time Mode:** Automatically switches off when desired humidity is reached, saving energy.
- **Multiple Operating Modes:** AUTO, COMFORT, and CONTINUOUS modes.
- **Dual Drainage Options:** Removable water tank (3.4L) with overflow protection or continuous drainage via hose.
- **Portability:** Equipped with a retractable handle and 360° swivel casters.

- **User-Friendly Control Panel:** Intuitive interface with digital display and timer function.



This diagram illustrates the advanced noise reduction technologies integrated into the Newentor ND20-EU Dehumidifier. It highlights the innovative centrifugal air duct system for efficient and quiet airflow, an intelligent DC motor for stable performance, and a silent water drainage system to minimize operational sound.



This image displays the TCL x Newentor compressor, a key component of the dehumidifier. It emphasizes that this compressor was jointly developed and customized specifically for the European market, ensuring optimal performance and energy efficiency.

3. Setup

3.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials, including any tape or protective films.
3. Check for any damage that may have occurred during transit. If the unit is damaged, do not operate it and contact customer support.

3.2 Placement

- Place the dehumidifier on a firm, level surface that can support its weight when the water tank is full.
- Ensure there is at least 20 cm (8 inches) of space around the air inlet and outlet 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.



This image demonstrates the dehumidifier's effective coverage, showing airflow within a room. It highlights a large air volume of 191 m³/h and indicates a maximum effective area of 50 m² or 150 m³.

3.3 Power Connection

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

4. Operation

4.1 Control Panel



This close-up image displays the user-friendly control panel of the Newentor Dehumidifier. It features clearly labeled buttons for power, speed, timer, and mode selection, along with a digital display for current humidity, emphasizing its intuitive operation.

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

- **POWER Button:** Turns the unit on or off.
- **MODE Button:** Cycles through operating modes (AUTO, COMFORT, CONTINUOUS, One-Time).
- **SPEED Button:** Adjusts fan speed (Low, Med, High).
- **TIMER Button:** Sets the auto-on or auto-off timer.
- **Humidity Setting Buttons (Up/Down Arrows):** Adjusts the desired humidity level.

4.2 Operating Modes

- **AUTO Mode:** The unit automatically adjusts its operation based on the ambient humidity to maintain a comfortable level.

- **COMFORT Mode:** Maintains a preset comfortable humidity level, typically around 50-55% RH.
- **CONTINUOUS Mode:** The unit operates continuously, regardless of the humidity level, ideal for very damp conditions.
- **One-Time Mode:** The dehumidifier runs until the desired humidity is reached, then switches off completely, conserving energy and extending unit life. This mode is suitable for environments with stable humidity.



This diagram illustrates the 'One-Time Mode' feature. It shows how the dehumidifier's power consumption drops to 0W once the desired humidity level, such as 50% RH, is reached, making it ideal for environments with stable humidity and promoting energy saving.

4.3 Setting Desired Humidity

In AUTO or COMFORT mode, you can adjust the target humidity level using the Up/Down arrow buttons. The display will show the set humidity, then revert to showing the current room humidity.

4.4 Timer Function

Press the TIMER button to set an auto-on or auto-off time. Use the Up/Down arrows to select the desired number of hours (1-24). The unit will automatically turn on or off after the set time.

4.5 Water Drainage



This image illustrates the two water drainage options: continuous drainage using the included 1-meter drain hose, and manual emptying of the 3.4-liter visible and removable water tank, which also features overflow protection.

4.5.1 Manual Drainage (Water Tank)

- When the water tank is full, the unit will automatically shut off, and an indicator light will illuminate.
- Carefully pull out the water tank from the front of the unit.
- Empty the collected water.
- Slide the empty tank back into the unit until it clicks into place. The unit will resume operation.

4.5.2 Continuous Drainage

- For continuous operation without emptying the tank, attach the included 1.5-meter drain hose to the continuous drainage 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 end of the hose to be submerged in water, as this can cause backflow.

5. Maintenance

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

5.1 Air Filter Cleaning

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate and remove the air filter (typically at the back or side of the unit).
3. Gently vacuum the filter to remove dust and debris. For heavy dirt, wash the filter with lukewarm water and a mild detergent.
4. Rinse the filter thoroughly and allow it to air dry completely before reinstalling.
5. Reinsert the dry filter into the unit.

5.2 Water Tank Cleaning

Clean the water tank regularly to prevent mold and mildew growth.

- Remove the water tank as described in the operation section.
- Wash the tank with clean water and a mild detergent.
- Rinse thoroughly and dry before placing it back into the unit.

5.3 Exterior Cleaning

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

5.4 Storage

If the unit will not be used for an extended period:

- Empty and clean the water tank.
- Clean the air filter.
- Unplug the unit and coil the power cord neatly.
- Store the dehumidifier in an upright position in a cool, dry place, away from direct sunlight and extreme temperatures.

6. Troubleshooting

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Water tank is full or not properly installed.	Check power cord connection and outlet. Empty the water tank and ensure it is correctly seated.
No water collected.	Room humidity is too low. Temperature is too low. Air filter is clogged. Unit is in continuous drainage mode.	Check current humidity level; if it's below the set point, the unit will not dehumidify. Dehumidifiers are less effective in very cold environments. Clean the air filter. Verify if the continuous drainage hose is properly connected and draining.
Unit is noisy.	Air filter is clogged. Unit is not on a level surface. Internal components vibrating.	Clean the air filter. Place the unit on a flat, stable surface. If noise persists, contact customer support.
Airflow is weak.	Air filter is clogged. Air inlet/outlet blocked.	Clean the air filter. Ensure there is no obstruction around the air inlet and outlet.

7. Specifications

Feature	Specification
Brand	Newentor
Model Number	ND20-EU
Dehumidification Capacity	20 Liters/Day
Noise Level	39 dB
Recommended Room Size	Up to 50 m^2 / 150 m^3
Power/Wattage	350 watts
Water Tank Capacity	3.4 Liters
Product Dimensions (L x W x H)	26 x 36 x 48 cm
Item Weight	12.5 kg
Material	Acrylonitrile Butadiene Styrene (ABS)
Special Features	Automatic switch-off, overflow protection, water level indicator, removable tank, continuous emptying, timer
Number of Speeds	3

8. Warranty and Support

8.1 Warranty Information

The Newentor ND20-EU Dehumidifier comes with an extraordinary**10-year guarantee**. In the unlikely event of a defect, Newentor offers a replacement device instead of complicated repairs, ensuring a decade of worry-free air dehumidification.

8.2 Customer Support

If you have any questions, require assistance, or encounter issues not covered in this manual, please contact Newentor customer support. Our expert team is available to provide advice and assistance.
For contact details, please refer to the Newentor official website or your purchase documentation.

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