Newentor ND20-DE

Newentor 20L Electric Dehumidifier User Manual

Model: ND20-DE | Brand: Newentor

1. Introduction

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



Figure 1: Newentor 20L Electric Dehumidifier. This unit is designed for quiet operation at 39dB and comes with a 10-year warranty.

2. Safety Information

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

- Ensure the power supply matches the voltage specified on the dehumidifier's rating label.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep the appliance away from water and other liquids.
- Do not block the air inlets or outlets. Maintain at least 20 cm clearance around the unit.
- Unplug the dehumidifier before cleaning or performing any maintenance.

- This appliance is for indoor use only.

3. Product Overview

The Newentor dehumidifier features advanced technology for efficient and quiet operation.

3.1 Key Components

- **Control Panel:** Intuitive interface for setting modes, humidity, and timer.
- **Air Inlet/Outlet:** For drawing in and expelling air.
- **Water Tank:** Removable tank for collecting condensed water.
- **Continuous Drain Port:** For connecting a hose for continuous drainage.
- **Casters & Handle:** For easy mobility.



Figure 2: Control Panel. Features a digital display and buttons for Power, Speed, Timer, and Mode selection.



Figure 3: TCL x Newentor Compressor. This custom-designed compressor ensures powerful and energy-efficient dehumidification.



Figure 4: Noise Reduction Technology. Features include an innovative centrifugal air duct system, intelligent DC motor, and a silent water drainage system for quiet operation.

4. Setup

4.1 Unpacking

Carefully remove the dehumidifier from its packaging. Retain the packaging materials for future storage or transport.

4.2 Placement

Place the dehumidifier on a firm, level surface in the desired room. Ensure there is adequate space around the unit for proper airflow.

- Ideal for rooms up to 50m² (150m³).
- Maintain at least 20 cm clearance from walls and furniture.



Figure 5: Effective Coverage Area. The dehumidifier efficiently covers areas up to 50m² or 150m³ with an airflow of 191 m³/h.

4.3 Drainage Options

Your dehumidifier offers two drainage methods:

1. **Manual Drainage (Water Tank):** The unit collects water in its internal 3.41-liter tank. When the tank is full, the unit will automatically shut off and indicate that the tank needs emptying.
2. **Continuous Drainage:** For extended operation without emptying the tank, connect the included 1-meter drain hose to the continuous drain port. Ensure the hose is sloped downwards to allow gravity drainage into a suitable receptacle or floor drain.



Figure 6: Drainage Options. Choose between the 3.4L removable water tank with overflow protection or continuous drainage using the included 1-meter hose.

5. Operating Instructions

5.1 Power On/Off

Plug the power cord into a grounded electrical outlet. Press the **POWER** button on the control panel to turn the unit on or off.

5.2 Setting Humidity Level

Use the **+** and **-** buttons to set your desired humidity level. The digital display will show the current humidity. The unit will operate until the desired humidity is reached, then cycle on and off to maintain it.

5.3 Operating Modes

Press the **MODE** button to cycle through the available operating modes:

- **AUTO Mode:** The unit automatically adjusts operation based on the ambient humidity to maintain a comfortable level.
- **COMFORT Mode:** Optimizes humidity for human comfort.
- **CONTINUOUS Mode:** The unit runs continuously regardless of the humidity level, ideal for very damp conditions or drying laundry.
- **ONE-TIME Mode:** The dehumidifier will run until the target humidity is reached, then completely shut off (instead of cycling). This mode is designed for environments with stable humidity, saving energy and extending the unit's lifespan.



Figure 7: One-Time Mode. This mode ensures the unit powers down completely once the target humidity is achieved, reducing energy consumption.

5.4 Fan Speed

Press the **SPEED** button to select the desired fan speed: Low, Medium, or High. Higher fan speeds result in faster dehumidification.

5.5 Timer Function

Press the **TIMER** button to set a delay for the unit to turn on or off. Use the **+** and **-** buttons to adjust the time in hours (up to 24 hours).

6. Maintenance

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

6.1 Emptying the Water Tank

When the water tank is full, the unit will stop operating and an indicator light will illuminate. Carefully remove the tank, empty the collected water, and reinsert the tank firmly until it clicks into place.

6.2 Cleaning the Air Filter

The washable air filter should be cleaned regularly (every two weeks or more often depending on usage) to prevent dust buildup and maintain efficiency.

1. Unplug the dehumidifier.
2. Locate and remove the air filter (usually at the back or side of the unit).
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it.



Figure 8: Washable Air Filter. Regularly clean the filter to ensure fresh and clean air output.

6.3 Cleaning the Unit Exterior

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

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. Store the unit upright in a cool, dry place.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Water tank full or not properly inserted.	Check power connection; Empty and reinsert water tank correctly.
No water collected.	Room humidity too low; Temperature too low; Air filter clogged.	Increase target humidity; Ensure room temperature is above 5°C; Clean air filter.
Unit is noisy.	Unit not on a level surface; Air filter clogged.	Place on a flat, stable surface; Clean air filter.
Airflow is weak.	Air inlet/outlet blocked; Air filter clogged.	Clear obstructions; Clean air filter.

8. Specifications

Model Number	ND20-DE
Dehumidification Capacity	20 Liters/Day
Recommended Coverage Area	Up to 50m² / 150m³
Water Tank Volume	3.41 Liters
Noise Level	39 dB
Power Consumption	400 Watts
Airflow	191 m³/h
Dimensions (L x W x H)	27.3 x 37.2 x 48.8 cm
Weight	14.5 Kilograms
Material	Acrylonitrile-Butadiene-Styrene (ABS)
Included Components	1m Hose, User Manual



Figure 9: Portability and Dimensions. The unit features an extendable handle and 360-degree casters for easy movement. Dimensions are approximately 49cm (H) x 31cm (W) x 23cm (D).

9. Warranty and Support

Newentor offers a unique **10-year warranty** for this dehumidifier, providing peace of mind and confidence in your purchase. This warranty covers manufacturing defects and ensures an uncomplicated replacement service instead of lengthy repairs.

For technical support, warranty claims, or any questions regarding your Newentor dehumidifier, please contact our customer service team. Refer to the contact information provided in your purchase documentation or visit the official Newentor website.

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