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> Noaton DF4120 Dehumidifier 24L/24h User Manual

Noaton DF4120

Noaton DF4120 Dehumidifier User Manual

Model: DF4120 | Capacity: 24L/24h

1. INTRODUCTION

Thank you for choosing the Noaton DF4120 Dehumidifier. This manual provides essential information for the safe and efficient operation, setup, maintenance, and troubleshooting of your appliance. Please read these instructions thoroughly before use and retain them for future reference.

2. SAFETY INSTRUCTIONS

To ensure safe operation, always adhere to the following precautions:

- Ensure the power supply matches the voltage specified on the appliance's rating label.
- Do not operate the dehumidifier with a damaged power cord or plug.
- Keep the appliance upright during transport and operation to prevent refrigerant leakage.
- Do not block air inlets or outlets. Maintain at least 20 cm clearance around the unit.
- Avoid placing the unit near heat sources or in direct sunlight.
- Unplug the appliance before cleaning, maintenance, or when not in use.
- 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.
- Do not use the appliance in areas where flammable gases or liquids are stored.

3. PRODUCT OVERVIEW

The Noaton DF4120 is a powerful and efficient dehumidifier designed to reduce humidity in rooms up to 45 m². It features a modern touch screen, a 5.5-liter water tank, and continuous drainage capability.



Figure 1: Front view of the Noaton DF4120 Dehumidifier. The image shows the white rectangular unit with a black top panel containing air vents and controls. The Noaton logo is visible at the bottom front, and a side handle is integrated into the design.

Key Components:

- **Control Panel:** Touch screen interface for setting functions.
- **Air Inlet/Filter:** Located at the rear (not visible in image), where air is drawn in.
- **Air Outlet:** Located at the top, where dry air is expelled.
- **Water Tank:** Removable tank for collected water, located at the side/bottom.
- **Continuous Drain Outlet:** Port for connecting a drain hose for continuous operation.
- **Transport Wheels & Side Handles:** For easy mobility.

4. SETUP

4.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials and ensure no components are missing or damaged.
3. Keep the unit upright for at least 2 hours before plugging it in, especially if it was tilted during transport.

4.2 Placement

- Place the dehumidifier on a firm, level surface.
- Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow.
- Avoid placing the unit in direct sunlight or near heat-generating appliances.
- For optimal performance, place the unit in the center of the room or area requiring dehumidification.

4.3 Power Connection

1. Ensure the water tank is correctly inserted.
2. Plug the power cord into a grounded electrical outlet.

4.4 Continuous Drainage (Optional)

For continuous operation without needing to empty the water tank, you can connect a drain hose:

1. Locate the continuous drain outlet on the unit.
2. Connect a suitable drain hose (not always included, check packaging) to the outlet.
3. Ensure the hose is sloped downwards to allow gravity drainage to a floor drain or larger container.
4. Verify that the connection is secure to prevent leaks.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Press the **Power** button on the touch screen control panel to turn the unit on or off.

5.2 Setting Desired Humidity

- Use the **Humidity** buttons (usually '+' and '-') on the control panel to adjust the desired humidity level.
- The humidity can be set between 30% and 90% relative humidity.
- The display will show the current room humidity.

5.3 Fan Speed

- Press the **Fan Speed** button to cycle between the two available fan speeds (e.g., Low and High).

5.4 Timer Function

- Press the **Timer** button to set a delay for the unit to turn on or off.
- The timer can be set for up to 24 hours.
- Each press typically increases the time by one hour.

5.5 Automatic Defrost

- The unit features an automatic defrost function. If frost builds up on the evaporator coils, the unit will automatically enter defrost mode to melt the ice.
- During defrost, the dehumidification function will temporarily pause.

5.6 Auto-Restart

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

6. MAINTENANCE

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

6.1 Cleaning the Exterior

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

6.2 Cleaning the Air Filter

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

1. Unplug the dehumidifier from the power outlet.
2. Locate and remove the air filter (typically at the rear or side).
3. Wash the filter with clean water (not exceeding 40°C) and a mild detergent.
4. Rinse thoroughly and allow it to air dry completely before reinstalling.
5. Do not operate the dehumidifier without the filter installed.

6.3 Emptying and Cleaning the Water Tank

- When the water tank is full, the unit will automatically shut off and an indicator light will illuminate.
- Carefully remove the water tank and empty the collected water.
- Clean the tank periodically with a mild detergent and rinse thoroughly to prevent mold or mildew growth.
- Reinsert the empty tank securely into the unit.

6.4 Storage

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

1. Unplug the unit and empty the water tank.
2. Clean the air filter and the exterior.
3. Store the unit in an upright position in a cool, dry place, away from direct sunlight.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Water tank full or incorrectly inserted.	Check power cord connection; Empty and reinsert water tank correctly.
Unit is running but not collecting water.	Room temperature too low; Humidity level set too high; Air filter clogged.	Ensure room temperature is above 5°C; Lower the desired humidity setting; Clean the air filter.
Unit is noisy.	Unit not on a level surface; Air filter clogged.	Place unit on a flat, stable surface; Clean the air filter.
Water leaks from the unit.	Water tank not properly seated; Continuous drain hose loose or blocked.	Reinsert water tank correctly; Check drain hose connection and ensure it is not blocked.

8. SPECIFICATIONS

Feature	Specification
Brand	Noaton
Model Number	DF4120
Dehumidification Capacity	24 Liters/24h
Recommended Room Size	Up to 45 m²
Water Tank Volume	5.5 Liters
Power Consumption	240 W
Product Dimensions (L x W x H)	23.5 x 33.3 x 49.5 cm
Number of Fan Speeds	2
Noise Level	Max 46 dB
Automatic Shut-off	Yes (when tank is full)

Feature	Specification
Automatic Defrost	Yes
Auto-Restart	Yes

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Noaton DF4120 Dehumidifier comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

9.2 Customer Support

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Noaton customer support. Contact details can typically be found on the product packaging, the official Noaton website, or your purchase documentation.

When contacting support, please have your model number (DF4120) and purchase date readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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