AirOrig OL20-BD068C

AirOrig 20L/Day Dehumidifier User Manual

Model: OL20-BD068C

Introduction	Safety Information	Product Overview	Setup	Operation	Maintenance
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1. INTRODUCTION

Thank you for choosing the AirOrig 20L/Day Dehumidifier. This appliance is designed to efficiently remove excess moisture from the air in your home, creating a more comfortable and healthier environment. By reducing humidity, it helps prevent mold growth, dampness, and unpleasant odors. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your dehumidifier.

Image: The AirOrig 20L/Day Dehumidifier, a sleek white unit with a black top panel and integrated handle, shown from a front-side perspective.

2. IMPORTANT SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the dehumidifier with a damaged cord or plug.
- Always place the unit on a stable, level surface.
- Do not block the air inlet or outlet. Maintain at least 20 cm clearance around the unit.
- Unplug the dehumidifier before cleaning, moving, or performing any maintenance.
- Do not use the appliance in wet or damp environments where water may splash on it.
- Keep children and pets away from the unit during operation.
- Do not insert objects into the air vents.

- This appliance is for indoor household use only.

3. PRODUCT OVERVIEW

3.1 Components

- Control Panel with Digital Display
- Air Inlet (Rear) with Washable Filter
- Air Outlet (Top)
- Water Tank (4.5L capacity)
- Continuous Drainage Port
- Power Cord
- 360-degree Rotatable Wheels
- Integrated Handle

Image: Diagram showing the dimensions of the AirOrig dehumidifier: 34.5cm width, 27.5cm depth, and 51.5cm height.

3.2 Control Panel

The intuitive touch control panel allows for easy adjustment of settings and monitoring of humidity levels.
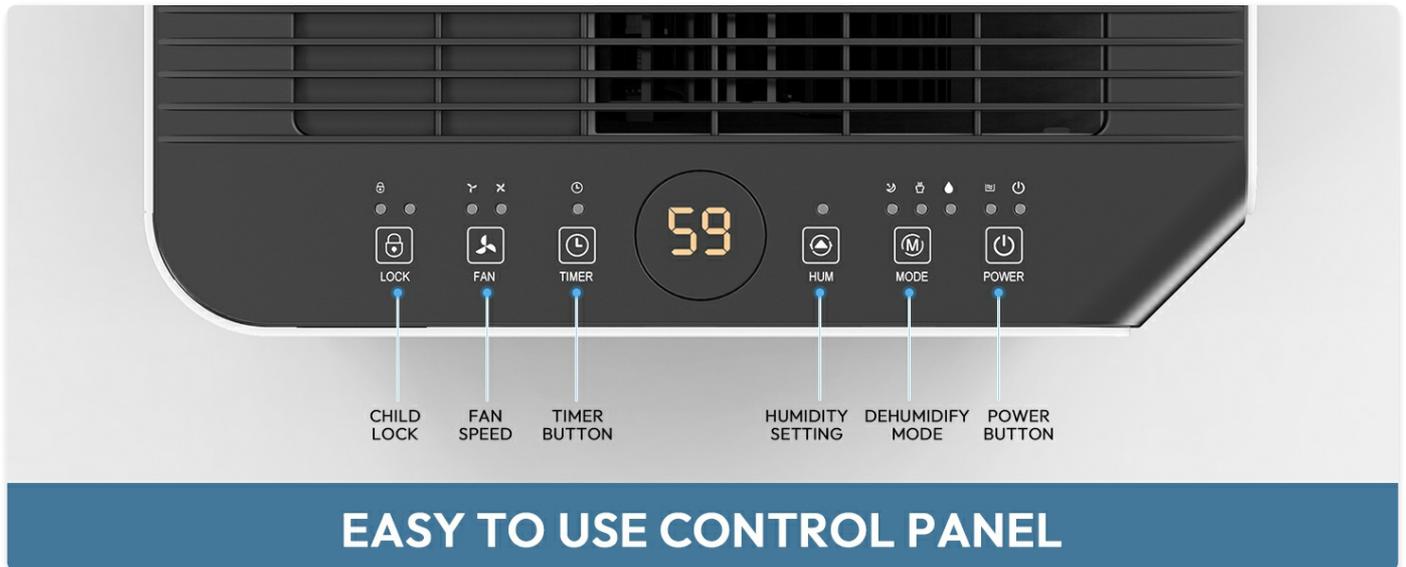

Image: Close-up of the dehumidifier's top control panel, showing the digital display and touch buttons for Child Lock, Fan Speed, Timer, Humidity Setting, Dehumidify Mode, and Power.

- **POWER Button:** Turns the unit On/Off.
- **MODE Button:** Cycles through Auto, Continuous, and Sleep modes.
- **HUM SET Button:** Adjusts the target humidity level (30%-80%).
- **TIMER Button:** Sets the auto On/Off timer (1-24 hours).
- **SPEED Button:** Adjusts fan speed (High/Low).
- **LOCK Button:** Activates/Deactivates Child Lock.
- **Digital Display:** Shows current humidity, target humidity, or timer settings.

4. SETUP

4.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials and protective films.
3. Inspect the unit for any signs of damage. If damaged, do not operate and contact customer support.

4.2 Placement

For optimal performance, place the dehumidifier in a central location within the area you wish to dehumidify. Ensure proper air circulation around the unit.

- Place the unit on a firm, level surface.
- Maintain at least 20 cm (8 inches) clearance from walls, furniture, and other objects to ensure proper airflow.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not place the unit in areas where it may be exposed to splashing water.

Image: An illustrative diagram showing the dehumidifier's suitability for use in various rooms such as the living room, bathroom, garage, bedroom, and kitchen.

4.3 Initial Power-Up

1. Allow the unit to stand upright for at least 1 hour before plugging it in, especially if it was transported on its side. This allows the refrigerant to settle.

2. Plug the power cord into a grounded electrical outlet.

3. The unit is now ready for operation.

5. OPERATING INSTRUCTIONS

5.1 Turning On/Off

Press the **POWER** button to turn the dehumidifier on or off.

5.2 Selecting Operating Mode

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

- **Auto Mode:** The unit automatically adjusts fan speed and dehumidification based on the set target humidity. This is ideal for maintaining a comfortable humidity level.

- **Continuous Mode:** The dehumidifier runs continuously regardless of the ambient humidity. This mode is highly effective for rapid dehumidification, such as drying laundry or in very damp conditions.

- **Sleep Mode:** The fan operates at a low speed (quiet operation, less than 41 dB) and the display lights dim, making it suitable for use in bedrooms or quiet environments.

Image: Visual representation of the three operating modes: Auto Mode (fan speed and humidity adjustable), Continuously Drying Mode (runs continuously for damp environments), and Sleep Mode (runs quietly below 36dB).

5.3 Setting Target Humidity

In Auto Mode, press the **HUM SET** button to set your desired humidity level between 30% and 80% in 5% increments. The unit will operate until the target humidity is reached, then cycle on/off to maintain it.

5.4 Setting the Timer

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 indicator light will illuminate when active.

5.5 Adjusting Fan Speed

Press the **SPEED** button to switch between High and Low fan speeds. This option is not available in Sleep Mode.

5.6 Child Lock Function

Press and hold the **LOCK** button for 3 seconds to activate or deactivate the child lock. When active, the control panel buttons will be unresponsive to accidental touches.

5.7 Drainage Options

Your AirOrig dehumidifier offers two convenient drainage methods:

5.7.1 Manual Drainage (Water Tank)

The unit features a large 4.5L water tank. When the tank is full, the dehumidifier will automatically shut off and an indicator light will illuminate to prevent overflow. To empty:

1. Gently pull out the water tank from the front of the unit.
2. Carefully empty the collected water into a sink or drain.
3. Slide the empty water tank back into the unit until it clicks into place. The dehumidifier will resume operation.

5.7.2 Continuous Drainage

For continuous operation without needing to empty the water tank, use the included drain hose.

1. Locate the continuous drainage port on the back of the unit.
2. Connect one end of the supplied 1-meter drain hose to this port.
3. Ensure the other end of the hose is placed into a suitable drain or larger container, ensuring it is lower than the drainage port for gravity flow.
4. Once connected, water will continuously drain from the unit, bypassing the internal water tank.

Image: Illustration demonstrating the two drainage options: Manual Drainage, where the 4.5L water tank is removed and emptied, and Auto Drainage, showing a hose connected for continuous gravity drainage.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your dehumidifier.

6.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A dirty filter can reduce efficiency and airflow.

1. Unplug the dehumidifier from the power outlet.
2. Locate the air filter at the rear air intake of the unit.
3. Gently pull out the filter.
4. Clean the filter using a vacuum cleaner to remove dust and debris. For stubborn dirt, wash it with warm, soapy

water.

5. Rinse the filter thoroughly and allow it to air dry completely before reinserting. Do not expose to direct sunlight or high heat.

6. Slide the dry filter back into its slot.

Image: A two-step visual guide showing how to remove the air filter from the dehumidifier and then clean it under running water in a sink.

6.2 Cleaning the Water Tank

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

- Remove the water tank from the unit.
- Wash the tank with mild detergent and warm water.
- Rinse thoroughly and dry before placing it back into the dehumidifier.

6.3 General Cleaning

- Wipe the exterior of the unit with a soft, damp cloth.
- Do not use harsh chemicals, abrasives, or solvents.
- Ensure the unit is completely dry before plugging it back in.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Power cord not plugged in; Water tank full or not properly inserted.	Check power outlet; Ensure power cord is securely plugged in; Empty water tank and reinsert it correctly.
Unit is running but not collecting water.	Ambient humidity is too low; Air filter is clogged; Room temperature is too low; Unit is in continuous drainage mode.	Dehumidifiers are most effective above 5°C (41°F) and 40% humidity; Clean the air filter; Ensure room temperature is adequate; Check if continuous drainage hose is connected.
Airflow is weak.	Air filter is clogged; Air inlet/outlet blocked.	Clean the air filter; Ensure there is sufficient clearance around the unit.
Unit is noisy.	Unit not on a level surface; Fan speed is high.	Place the unit on a flat, stable surface; Switch to low fan speed or Sleep Mode.

Problem	Possible Cause	Solution
Child lock is active.	Buttons are unresponsive.	Press and hold the LOCK button for 3 seconds to deactivate.

8. SPECIFICATIONS

Feature	Detail
Brand	AirOrig
Model Number	OL20-BD068C
Dehumidification Capacity	20 Litres/Day
Water Tank Volume	4.5 Litres
Power / Wattage	345 watts
Product Dimensions (L x W x H)	27.5 x 34.5 x 51.5 cm
Item Weight	13.5 kg
Recommended Floor Area	Up to 30 Square Meters
Special Features	Continuous Draining, Digital Display, Portable, Automatic Defrost, Timer, Sleep Mode, Child Lock
Included Components	Drain Hose

9. WARRANTY & SUPPORT

AirOrig products are manufactured to the highest quality standards. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official AirOrig website. Please retain your proof of purchase for warranty claims.