

## Ariston DEOS 20 S

# Ariston DEOS 20 S Dehumidifier User Manual

Model: DEOS 20 S

## 1. INTRODUCTION

Thank you for choosing the Ariston DEOS 20 S Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your appliance. Please read this manual thoroughly before using the dehumidifier and retain it for future reference.

The Ariston DEOS 20 S is designed to reduce humidity levels in indoor environments, contributing to a more comfortable and healthier living space. It features a 20-liter capacity, electronic controls, and specific functions for enhanced usability.

## 2. SAFETY INSTRUCTIONS

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always connect the unit to a grounded power outlet.
- Do not operate the dehumidifier if the power cord or plug is damaged.
- Ensure the unit is placed on a stable, level surface to prevent water spillage.
- Keep a safe distance from heat sources and direct sunlight.
- Do not block the air inlet or outlet. Maintain at least 20 cm clearance around the unit.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning or performing any maintenance.
- 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.

## 3. PRODUCT OVERVIEW

The Ariston DEOS 20 S Dehumidifier is a compact and efficient appliance designed for effective moisture removal. Below is an image of the unit, highlighting its general appearance and key features.



**Figure 1: Ariston DEOS 20 S Dehumidifier.** This image displays the front and top view of the white Ariston DEOS 20 S Dehumidifier. The Ariston logo is visible on the upper front panel, and control buttons are located on the top surface. A water level indicator is visible on the side, and a decorative house-shaped icon is on the lower front.

## Key Components:

- **Control Panel:** Located on the top, featuring electronic controls for setting humidity levels and operating modes.
- **Air Inlet/Outlet:** Vents for air circulation.
- **Water Tank:** Removable tank for collecting condensed water, with a visible water level indicator.
- **Air Filter:** Located behind the air inlet, designed to capture dust and particles.
- **Odor Filter:** An aesthetic filter designed to improve air quality.
- **Casters/Wheels:** For easy movement of the unit.

## 4. SETUP

Follow these steps to set up your dehumidifier for the first time:

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain the packaging materials for future storage or transport.
2. **Placement:** Place the unit upright on a firm, level surface in the area where dehumidification is desired. Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow. Do not place it near heat-generating appliances or in direct sunlight.
3. **Power Connection:** Plug the power cord into a suitable grounded electrical outlet. Ensure the voltage matches the specifications of the unit.
4. **Initial Operation:** Allow the unit to stand upright for at least 2 hours before turning it on if it has been tilted during transport.

## 5. OPERATING INSTRUCTIONS

The Ariston DEOS 20 S Dehumidifier offers various modes and settings for optimal performance.

### 5.1. Power On/Off

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

## 5.2. Setting Humidity Level

- Use the electronic controls on the panel to adjust the desired humidity level. The unit will operate until the set humidity level is reached, then cycle on and off to maintain it.

## 5.3. Laundry Function

- Activate the **Laundry Function** for continuous operation at maximum fan speed, which helps to dry clothes faster in a confined space.

## 5.4. Continuous Operation

- Select **Continuous Operation** mode for constant dehumidification, regardless of the ambient humidity level. This is useful for very damp environments or for continuous drainage.

## 5.5. Water Tank and Continuous Drainage

- When the water tank is full, the unit will automatically shut off and an indicator light will illuminate. Carefully remove the tank, empty the water, and reinsert it securely.
- For continuous operation without emptying the tank, connect a drainage hose (not included) to the continuous drainage outlet (refer to the diagram in your physical manual for location) and direct the hose to a suitable drain.

# 6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency 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.
- Turn off and unplug the unit.
- Remove the air filter (consult your physical manual for specific removal instructions).
- Wash the filter with lukewarm water and a mild detergent. Rinse thoroughly and allow it to air dry completely before reinserting.

## 6.2. Cleaning the Water Tank

- Empty and clean the water tank regularly to prevent mold and mildew growth.
- Wash the tank with water and a mild detergent, rinse well, and dry before placing it back into the unit.

## 6.3. External Cleaning

- Wipe the exterior of the unit 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 it is clean and dry. Empty the water tank completely.
- Store the dehumidifier in an upright position in a cool, dry place, preferably in its original packaging.

# 7. TROUBLESHOOTING

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

| Problem               | Possible Cause   | Solution  |
|-----------------------|--|---|
| Unit does not turn on | No power; Power cord not plugged in; Water tank full or incorrectly inserted.                            | Check power supply; Plug in power cord securely; Empty and reinsert water tank correctly.   |
| No water collected    | Humidity level too low; Room temperature too low; Air filter clogged; Unit too far from moisture source. | Adjust desired humidity lower; Ensure room temperature is above 5°C (41°F); Clean air filter; Reposition unit closer to moisture. |
| Unit is noisy         | Unit not on a level surface; Air filter clogged; Internal component issue.                               | Place on a level surface; Clean air filter; If noise persists, contact customer support.  |
| Airflow is weak       | Air inlet/outlet blocked; Air filter clogged.  | Clear any obstructions; Clean air filter.   |

If the problem persists after attempting these solutions, please contact Ariston customer support.

## 8. SPECIFICATIONS

The following are the technical specifications for the Ariston DEOS 20 S Dehumidifier:

- **Model:** Ariston DEOS 20 S
- **Dehumidification Capacity:** 20 Liters / 24 hours
- **Refrigerant Type:** R134A
- **Power Consumption:** 360 Watts
- **Water Tank Capacity:** 20 Liters
- **Dimensions (L x W x H):** Approximately 51 x 35 x 24.5 cm
- **Weight:** 16.2 Kilograms
- **Material:** Metal
- **Special Features:** Laundry function, Continuous operation, Electronic control, Odor filter.

## 9. WARRANTY AND SUPPORT

Your Ariston DEOS 20 S Dehumidifier comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including the warranty period and coverage details.

For technical assistance, spare parts, or warranty claims, please contact Ariston customer support. Contact information can typically be found on the Ariston official website or in the documentation provided with your product.