INKBIRDPLUS 2.8L Dual Semiconductor Dehumidifier

INKBIRDPLUS 2.8L Dual Semiconductor Dehumidifier User Manual

Model: 2.8L Dual Semiconductor Dehumidifier | **Brand:** INKBIRDPLUS

1. INTRODUCTION

Thank you for choosing the INKBIRDPLUS 2.8L Dual Semiconductor Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before use and retain it for future reference.

Important Safety Information

- Always place the dehumidifier on a stable, level surface.
- Ensure adequate air circulation around the unit. Do not block air inlets or outlets.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- Unplug the dehumidifier before cleaning, maintenance, or when not in use.
- Keep out of reach of children and pets.
- Do not operate the unit if the power cord or plug is damaged.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- INKBIRDPLUS 2.8L Dual Semiconductor Dehumidifier
- User Manual

3. PRODUCT OVERVIEW

The INKBIRDPLUS 2.8L Dual Semiconductor Dehumidifier is designed to reduce humidity in various indoor environments. It features dual-core dehumidification technology, a large water tank, quiet operation, and a 7-color night light.

2800ml/98oz Large Water Tank

Dehumidification Amount:
1500mL/D(25°C, 85%RH)
2800ml/98oz

360mm

210mm

145mm

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Figure 3.1: Dehumidifier with dimensions (Height: 360mm, Width: 210mm, Depth: 145mm).

Two-Semiconductor
Refrigeration Have Double Power

1500ML/Day　(25°C,RH85%)

x2

Figure 3.2: Illustration of the dual-core semiconductor dehumidification technology, which enhances moisture removal efficiency.

Figure 3.3: Key features including 2800ml capacity, up to 1500ml/day dehumidification, temperature & humidity display, auto shut-off, 7 colors light, handle design, sleep mode, and low noise.

4. SETUP

1. **Unpack the Dehumidifier:** Carefully remove the unit from its packaging. Retain all packaging materials for future storage or transport.

2. **Placement:** Place the dehumidifier on a firm, level surface in the desired room. Ensure there is at least 20 cm (8 inches) of space around the air inlets and outlets for optimal performance. Avoid placing it near heat sources or in direct sunlight.

3. **Power Connection:** Ensure the water tank is correctly installed. Plug the power adapter into the dehumidifier's power port, then plug the other end into a suitable electrical outlet. The unit will enter standby mode.

5. OPERATION

The dehumidifier features an intuitive control panel with an LCD screen. The screen displays current humidity and temperature.

Figure 5.1: Control Panel Functions: Standby, Mode, Light, and Sleep Mode buttons.

5.1 Power On/Off

- When connected to power, the unit is in **Standby Mode** (button lights up blue).
- **Short press** the power button to turn on the device.
- **Long press** the power button to turn off the device.

5.2 Mode Selection

- Upon powering on, the device defaults to**Automatic Dehumidification Mode**. In this mode, the unit works when humidity is higher than 50% and stops when it falls below 45%.
- **Press the Mode button** once to switch to**Forced Dehumidification Mode**. In this mode, the device operates continuously without humidity control.

5.3 Night Light Function

- The dehumidifier features a 7-color night light.
- **Press the Light button** to cycle through colors or set it to automatic color switching mode.
- Press again to select a single desired color.
- Press repeatedly to turn the light off.

Figure 5.2: Night light options: auto switch, single color, or off.

5.4 Sleep Mode

- **Short press the Sleep Mode button** to activate Sleep Mode.
- In Sleep Mode, the dehumidifier operates with reduced noise (below 30dB) and the display screen and light are turned off for a peaceful environment.

Figure 5.3: Dehumidifier operating in ultra-quiet sleep mode, designed not to disturb rest.

5.5 Automatic Shut-off and Defrost

- **Water Tank Full:** When the 2.8L water tank is full, the dehumidifier will automatically shut off to prevent overflow. Empty the water tank and reinsert it to resume operation.
- **Water Tank Removal:** If the water tank is removed during operation, the machine will automatically stop working. It will resume once the water tank is properly re-seated.
- **Defrost Function:** The dehumidifier includes an automatic defrost function. If ice forms on the cooling elements in colder conditions, the unit will temporarily stop dehumidifying and initiate defrosting to maintain efficiency.

Figure 5.4: Automatic shut-off mechanism when the water tank is full, indicated by a red light.

6. MAINTENANCE

6.1 Emptying the Water Tank

1. When the water tank is full, the dehumidifier will stop operating and an indicator light will illuminate.

2. Carefully pull out the water tank from the front of the unit.

3. Pour out the collected water.

4. Slide the empty water tank back into the dehumidifier until it clicks into place. The unit will resume operation if it was previously on.

Figure 6.1: Removing and emptying the 2.8L water tank.

6.2 Cleaning the Dehumidifier

- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Filter Cleaning:** Regularly check and clean the air filter to ensure optimal performance. Gently remove the filter and clean it with a soft brush or vacuum cleaner. If heavily soiled, wash it with mild soap and water, then allow it to air dry completely before reinserting.
- **Water Tank Cleaning:** Clean the water tank periodically to prevent mold or mildew growth. Use mild soap and water, rinse thoroughly, and dry before reinserting.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply; Water tank not properly installed.	Check power connection; Ensure water tank is correctly seated.

Problem	Possible Cause	Solution
No dehumidification.	Room temperature too low; Air filter blocked; Humidity already low.	Ensure room temperature is above 5°C (41°F); Clean air filter; Switch to Forced Dehumidification Mode if needed.
Unit stops unexpectedly.	Water tank full; Water tank removed; Defrosting cycle active.	Empty water tank; Reinstall water tank; Wait for defrost cycle to complete.
Excessive noise.	Unit not on a level surface; Obstruction in fan.	Place on a stable, level surface; Check for and remove any obstructions.

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

8. SPECIFICATIONS

Brand: INKBIRDPLUS

Model Name: Home Dehumidifier

Colour: White

Special Feature: Quiet Operation, Sleep Mode

Capacity: 2.8 litres (Water Tank)

Dehumidification Capacity: 1.5 Liters per Day (at 25°C, 85% RH)

Product Dimensions: 15D x 21W x 36H Centimeters

Material: Plastic

Wattage: 90 Watts

Operation Mode: Automatic, Comfort

Item Weight: 2 kg 690 g

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or visit the official INKBIRDPLUS website. Keep your purchase receipt as proof of purchase for warranty claims.

10. VIDEO INFORMATION

No official product videos with valid m3u8 URLs or 'Seller' creator type were provided in the input data for embedding. Please refer to the product page for any available video content.