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› AIRPLUS 1,500 Sq. Ft Dehumidifier User Manual

AIRPLUS AP10-1907EE

AIRPLUS 1,500 Sq. Ft Dehumidifier User Manual

Model: AP10-1907EE | Brand: AIRPLUS

Efficient moisture removal for basements, large rooms, and bedrooms.

1. INTRODUCTION

Thank you for choosing the AIRPLUS Dehumidifier. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before use and keep it for future reference.

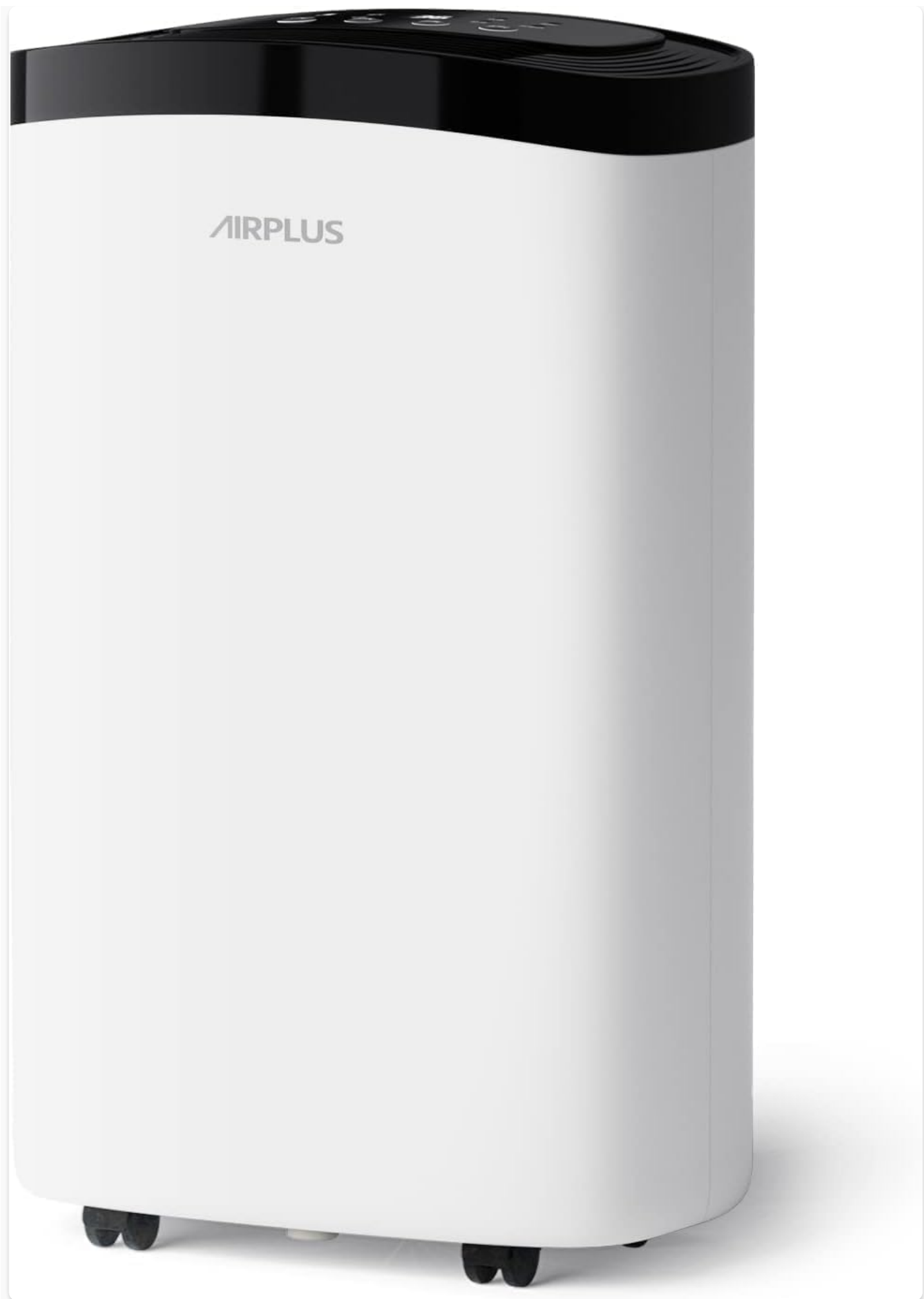


Figure 1: AIRPLUS Dehumidifier (Curved Style)

2. IMPORTANT SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury, always follow these basic precautions:

- Always plug the unit into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not operate the unit with a damaged power cord or plug.
- Ensure the unit is placed on a level, stable surface to prevent tipping and water spillage.
- Do not use the dehumidifier in areas where flammable liquids or gases are stored.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning, maintenance, or when not in use for extended periods.
- Do not block air inlets or outlets. Maintain at least 8 inches of clearance around the unit.

3. PRODUCT OVERVIEW

The AIRPLUS Dehumidifier is designed to efficiently remove excess moisture from your environment, improving air quality and comfort. Key features include:

- Efficient dehumidification up to 30 Pints/Day for areas up to 1,500 sq. ft.
- Multiple operating modes: Standard, Raining, Sleep, and Drying.
- Intelligent Constant Humidity feature to maintain desired humidity levels.
- Convenient 50 OZ (1.5L) water tank with auto shut-off when full.
- Continuous drainage option with included hose.
- Portable design with 4 universal casters for easy movement.
- Quiet operation for minimal disturbance.

ELIMINATE GRINDING DAMPNESS LIVE A COMFORTABLE LIFE

An Efficient Solution to Create a Hospitable Home



Smart Dehu-
midification



Two-way
Timing



Multiple
Modes



Quick
Drying



Full Tank
Detection



Noise
Reduction



Figure 2: Overview of Dehumidifier Features

Control Panel

The intuitive control panel allows for easy operation and mode selection.



INTELLIGENT CONSTANT HUMIDITY

80%

RH $\leq$ AMBIENT HUMIDITY
START WORKING

Monitor moisture amount and automatically adjust working status to keep the humidity level consistent when reaching the selected RH or the ambient humidity is higher than the preset level.

40%

RH $\geq$ AMBIENT HUMIDITY
STOP WORKING

INFORMATIVE
DISPLAY



Figure 3: Informative Display and Control Panel

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through Standard, Raining, Sleep, and Drying modes.
- **HUM Button:** Adjusts the target humidity level (40%-80% RH) in Standard mode.
- **TIMER Button:** Sets the auto-start or auto-stop timer (1-24 hours).
- **Display:** Shows current humidity level and selected settings.
- **Indicators:** Lights for Standard, Raining, Sleep, Drying, Full (water tank), Defrost, and Anion.

4. SETUP

Unpacking

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

Placement

Place the dehumidifier on a firm, level surface in the area where moisture removal is desired. Ensure there is at least 8 inches (20 cm) of space around all sides of the unit for proper airflow.



TOP-NOTCH UNIVERSAL WHEELS

Equipped with 4 universal wheels to ensure unconfined movements. Move your AIRPLUS at ease without worries about scratching floors.

Figure 4: Universal Casters for Easy Movement

The unit is equipped with universal casters for easy relocation. Avoid placing the unit directly against walls or furniture that could obstruct air circulation.

Power Connection

Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the specifications of the unit.

5. OPERATING INSTRUCTIONS

Turning On/Off

Press the **ON/OFF** button to power the unit on or off.

Selecting Operating Modes

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

- **Standard Mode:** Allows manual setting of desired humidity (40%-80% RH). The unit will operate to maintain this level.
- **Raining Mode:** Automatically sets target humidity to 45% RH, optimized for humid conditions.
- **Sleep Mode:** Automatically sets target humidity to 50% RH with low noise operation for undisturbed rest.
- **Drying Mode (Continuous Operation):** The unit runs continuously to dry the air, ideal for very damp environments or drying clothes.

4 MODES IN ONE-TOUCH SWITCH

Concise control panel to handle the dehumidifier in an easy way



Figure 5: Mode Selection on Control Panel

Setting Humidity Level (Standard Mode)

In Standard Mode, press the **HUM** button to adjust the desired humidity level in 5% increments from 40% to 80% Relative Humidity (RH).

Using the Timer Function

Press the **TIMER** button to set the auto-start or auto-stop time from 1 to 24 hours. The unit will automatically turn on or off after the set duration.



Figure 6: 24-Hour Two-Way Timing Feature

Defrost Function

The dehumidifier features an automatic defrost function. If the coils freeze, the unit will automatically enter defrost mode, indicated by the Defrost light, and resume normal operation once defrosted.

Anion Function

The Anion function helps to purify the air by releasing negative ions. This function operates automatically in certain modes or can be indicated by the Anion light.

6. DRAINAGE

The AIRPLUS Dehumidifier offers two drainage options:

Water Tank Drainage

The unit collects moisture in a removable 50 OZ (1.5L) water tank. When the tank is full, the "Full" indicator light will illuminate, and the unit will automatically shut off to prevent overflow. Empty the tank by carefully pulling it out, discarding the collected water, and reinserting it securely.

Continuous Drainage

For continuous operation without manual emptying, connect the included 52-inch silicone drain hose to the continuous drainage port at the back of the unit. Ensure the hose is sloped downwards to allow gravity to drain the water into a suitable drain or container.

OPTIONAL DRAINAGE



1500ML / Water Tank

Detachable water tank loaded with a float sensor to detect water level. Auto shutdown when the tank is full. Perfect for daily dehumidification.



x **6** Equivalent to 6 bottles of 250ml bottled water



52IN / Silicone Hose

A specialized attachment for continuous drainage. Applicable for humid days.

Adopt Premium PVC Material
Flexible and non-yellowing



Figure 7: Water Tank and Continuous Drainage Connection

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

Cleaning the Air Filter

The dehumidifier is equipped with a washable air filter located at the back of the unit. Clean the filter every two weeks or more frequently depending on usage and air quality.

1. Turn off and unplug the dehumidifier.
2. Remove the filter cover and carefully pull out the air filter.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it.
5. Reattach the filter cover.

Cleaning the Water Tank

Clean the water tank regularly 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.

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 away from direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit 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.	Humidity level too low; Room temperature too low; Air filter clogged.	Adjust target humidity; Ensure room temp is above 41°F (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.
Continuous drainage not working.	Hose kinked or blocked; Hose not sloped downwards.	Check and clear hose; Ensure proper downward slope for gravity drainage.

9. SPECIFICATIONS

- **Brand:** AIRPLUS
- **Model Name:** Dehumidifier
- **Model Number:** AP10-1907EE
- **Dehumidification Capacity:** 30 Pints per Day

- **Coverage Area:** Up to 1500 Square Feet
- **Water Tank Capacity:** 50 OZ (1.5 Liters)
- **Product Dimensions:** 7"D x 11.7"W x 19.7"H
- **Item Weight:** 22.15 Pounds
- **Wattage:** 192 watts
- **Operation Mode:** Continuous
- **Special Features:** Continuous Draining, Timer, Defrost, Full-tank Reminder, Drying, Anion.

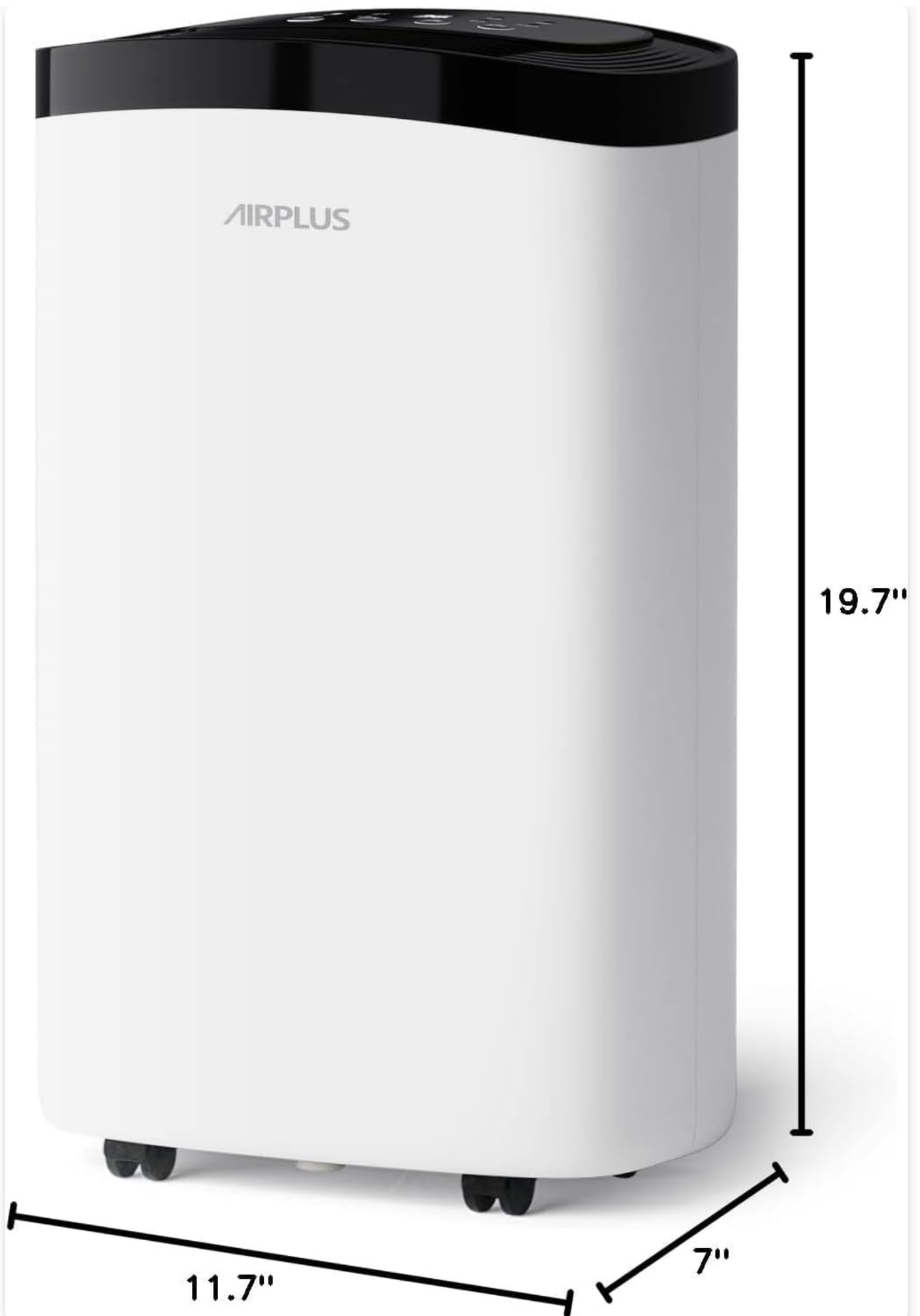


Figure 8: Product Dimensions

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official AIRPLUS website or contact their customer service. This manual does not contain specific warranty details.
You can also refer to the[Official User Manual \(PDF\)](#) for additional information.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question

Answered questions about this manual

I stored the AIRPLUS AP10-1907EE dehumidifier on its side for two months. How long should I leave it upright before powering it on?

According to the Before First Use section of the AIRPLUS manual, you should leave the unit standing upright and stable for at least 24 hours before plugging it in and powering it on.This is...

[Read full answer](#)