

AIRPLUS AP1902

AIRPLUS 70 Pints Dehumidifier Instruction Manual

Model: AP1902

Brand: AIRPLUS

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your AIRPLUS 70 Pints Dehumidifier (Model AP1902). Please read this manual thoroughly before use to ensure proper function and safety. This dehumidifier is designed to efficiently remove excess moisture from the air, creating a more comfortable and healthier indoor environment.





Figure 1: Front view of the AIRPLUS 70 Pints Dehumidifier.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury when using your dehumidifier, follow these basic precautions:

- Always plug the unit into a grounded electrical outlet.
- Do not operate the dehumidifier with a damaged cord or plug.
- Do not block air vents or exhaust openings. Ensure adequate clearance around the unit.
- Keep the unit away from water sources and wet areas.
- Unplug the dehumidifier before cleaning or performing any maintenance.
- Do not allow children to operate or play with the dehumidifier.
- Use only as described in this manual.

PRODUCT FEATURES

- **Significant Dehumidification Effect:** Removes up to 70 pints of water per day (under 90% RH @ 86°F condition).
Designed for medium to large rooms, basements, and other damp areas.



Figure 2: Automatic humidity detection for intelligent constant humidity.

- **Multifunctional Modes & Intelligent Operation:** Features STANDARD, RAINING, DRYING, and SLEEP modes. Intelligent constant humidity automatically adjusts to maintain desired levels. Includes a two-way timing function for scheduled operation.

Multiple Modes

Smart one-touch switch



Standard



Raining



Drying



Sleep



Figure 3: Control panel displaying various operating modes.

Low Noise Design



Figure 4: Intelligent two-way timing feature for scheduled operation.



INTELLIGENT Two-way Timing

Make **24h** dehumidification schedule simply

Shutdown timing

Create a hospitable home in less efforts

Boot timing

Enjoy optimized comfort when you get home

Figure 5: Low noise design for quiet operation.

- **Convenient Drainage & Auto Shut Off:** Offers continuous drainage with an included hose or manual drainage using the large-capacity 4.1 L water tank. The unit automatically shuts off when the tank is full.



4.1L Large Capacity Water Tank

Free from the hassle of frequent drainage

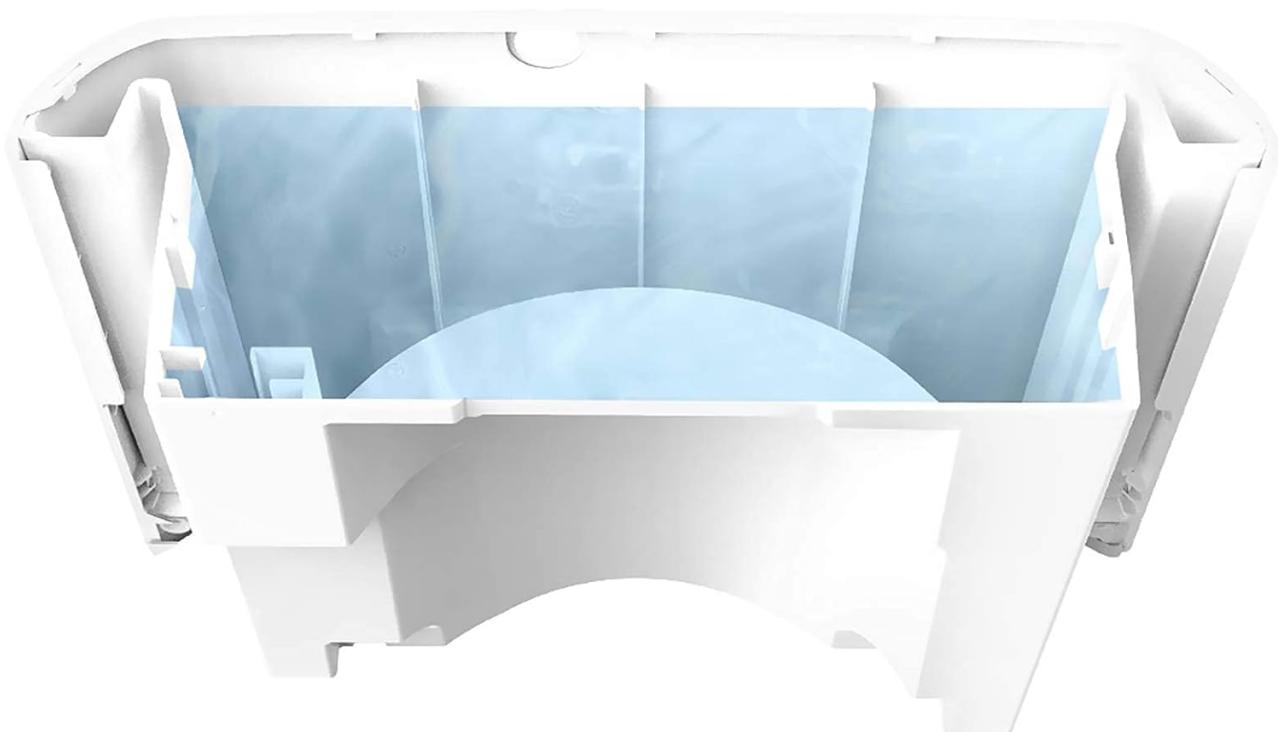


Figure 6: Large 4.1L water tank for less frequent emptying.

OPTIONAL DRAINAGE

- 1 Manual Drainage with a 4.1L water tank



- 2 Continuous Drainage with a silicone hose
Demonstrate great durability & performance

Figure 7: Options for manual or continuous drainage.



Auto shutdown when the tank is full

Avoid an overflow of collected water

⌚ Monitor real time water level

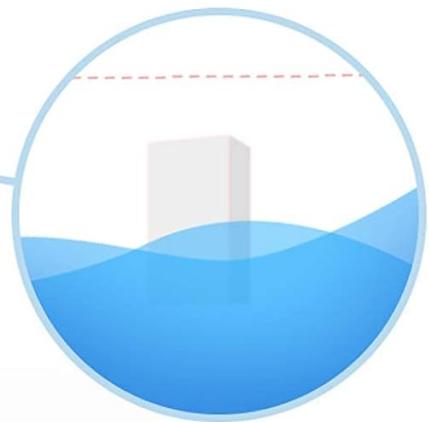


Figure 8: Automatic shutdown feature prevents overflow when the tank is full.

- **Widespread Application & Flexible Movements:** Compact design suitable for various spaces including living rooms, kitchens, RVs, closets, and bathrooms. Equipped with universal wheels for easy portability.

Official Product Video

Video 1: Overview of the AIRPLUS 70 Pints Dehumidifier's features and benefits.

SETUP GUIDE

1. **Unpacking:** Carefully remove the dehumidifier and all packaging materials from the box. Retain packaging for future storage or transport.
2. **Placement:** Place the dehumidifier on a firm, level surface in the area where humidity control is desired. Ensure there is at least 8 inches (20 cm) of clear space around all sides of the unit for proper air circulation. Avoid placing near heat sources or in direct sunlight.
3. **Power Connection:** Plug the power cord into a properly grounded 115V/60Hz electrical outlet. The unit will beep once, and the display will light up briefly.

OPERATING INSTRUCTIONS

Control Panel Overview

The control panel features touch-sensitive buttons and a digital display for easy operation.

- **On/Off Button:** Powers the unit on or off.
- **Mode Button:** Cycles through Standard, Raining, Drying, and Sleep modes.
- **Humidity Button:** Adjusts the desired humidity level.
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Anion Button:** Activates or deactivates the Anion function (air purification).
- **Full Indicator:** Lights up when the water tank is full.
- **Defrost Indicator:** Lights up when the unit is in defrost mode.

Operating Modes

- **Standard Mode:** Default mode for general dehumidification.
- **Raining Mode:** Optimized for high humidity conditions, providing powerful moisture removal.
- **Drying Mode:** Ideal for drying clothes or quickly reducing humidity in very damp areas.
- **Sleep Mode:** Operates at a lower fan speed and dims the display for quiet, undisturbed operation during sleep.

Setting Desired Humidity

Press the 'Humidity' button to cycle through desired humidity levels (e.g., 40%, 45%, 50%, etc.). The unit will automatically maintain the set humidity level.

Timer Function

Press the 'Timer' button to set an auto-on or auto-off time (from 1 to 24 hours). The unit will turn on or off automatically after the set time has elapsed.

MAINTENANCE

Emptying the Water Tank

When the water tank is full, the 'Full' indicator will light up, and the unit will automatically shut off. Carefully pull out the water tank from the front of the unit. Empty the collected water and slide the tank back into place until it clicks securely.

Continuous Drainage Setup

For continuous operation without manual emptying, attach a standard garden hose (not included) to the continuous drainage outlet at the back of the unit. Ensure the hose is sloped downwards to allow gravity drainage to a floor drain or suitable container.

Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A clogged filter reduces efficiency and can cause the unit to malfunction.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Remove the filter from the back of the unit.
3. Wash the filter with clean water (no hotter than 104°F / 40°C) and a mild detergent.

4. Rinse thoroughly and allow the filter to air dry completely before reinserting.
5. Reinstall the filter and plug in the dehumidifier.

TROUBLESHOOTING GUIDE

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

Problem	Possible Cause	Solution
Unit does not turn on	No power supply Water tank full or not properly inserted	Check power connection and outlet Empty water tank and ensure it is securely reinserted
Dehumidifier not collecting water	Humidity setting too high Room temperature too low Air filter clogged	Lower the desired humidity setting Ensure room temperature is above 41°F (5°C) Clean the air filter
Unit is noisy	Unit not on a level surface Air filter clogged	Place the unit on a flat, stable surface Clean the air filter
Frost appears on coils	Low room temperature	This is normal. The unit will automatically defrost. Operation will resume once defrosting is complete.

PRODUCT SPECIFICATIONS

- Brand:** AIRPLUS
- Model Name:** AP1902
- Capacity:** 70 Pints per Day
- Floor Area Coverage:** 4500 Square Feet
- Tank Volume:** 4.1 Liters
- Operation Mode:** Continuous
- Special Features:** Portable, Automatic Shutoff
- Material:** Plastic
- Item Weight:** 34.3 pounds
- Package Dimensions:** 25.7 x 17.2 x 12.6 inches

WARRANTY AND SUPPORT

AIRPLUS products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please visit the official AIRPLUS website or contact customer service.

Documents - AIRPLUS – AP1902



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