

AIRPLUS WFS2008

AIRPLUS WFS2008 Dehumidifier User Manual

Model: WFS2008 | Brand: AIRPLUS

1. INTRODUCTION

The AIRPLUS WFS2008 Dehumidifier is designed to effectively remove excess moisture from the air, creating a more comfortable and healthier indoor environment. This unit is suitable for various spaces, including basements, homes, garages, and bathrooms, with a coverage area of up to 4500 square feet. It integrates dehumidification, drying, and air purification functionalities, offering a comprehensive solution for humidity control. The device features a user-friendly control panel with a digital display, timer functions, and a quiet operation mode.



Figure 1: Front view of the AIRPLUS WFS2008 Dehumidifier.

Key Features:

- **Multifunctional Design:** Combines dehumidification, drying, and air purification.
- **Digital Control Panel:** Features a clear display for humidity, temperature, and mode settings.
- **Flexible Drainage Options:** Includes a 1.35-gallon water tank with auto shut-off and a continuous drain hose for convenience.

- **Automatic Defrost:** Operates efficiently in low temperatures (below 45°F) to prevent ice buildup.
- **Timer Function:** Programmable 24-hour auto on/off timer for energy efficiency.
- **Silent Mode:** Designed for quiet operation, suitable for bedrooms and living areas.
- **Negative Ion Function:** Enhances air quality.

2. SAFETY INFORMATION

Please read all instructions carefully before operating the dehumidifier to ensure safe and optimal performance. Retain this manual for future reference.

- Always place the unit on a stable, level surface to prevent tipping.
- Ensure the power cord is not damaged and is properly grounded.
- Do not block air inlets or outlets. Maintain at least 8 inches of clearance around the unit.
- Do not operate the dehumidifier near flammable gases or combustible materials.
- Unplug the unit before cleaning or performing any maintenance.
- Keep children and pets away from the unit during operation.
- If the unit has been tilted, allow it to stand upright for at least 2 hours before plugging it in.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove the dehumidifier from its packaging. Inspect the unit for any signs of damage. Keep all packaging materials until you are satisfied with the product.

3.2 Placement

For optimal performance, place the dehumidifier in a central location within the area requiring dehumidification. Ensure there is adequate space around the unit for proper airflow. Avoid placing it against walls or furniture that could obstruct the air intake or exhaust.



Figure 2: Recommended placement for optimal coverage up to 5000 sq.ft.

3.3 Drainage Options

The AIRPLUS WFS2008 offers two methods for water removal:

- **Manual Drainage (Water Tank):** The unit collects condensed water in its internal 1.35-gallon (5.5-liter) water tank. When the tank is full, the dehumidifier will automatically shut off and emit an audible alert. Empty the tank and reinsert it to resume operation.
- **Continuous Drainage (Drain Hose):** For extended operation without manual emptying, connect the included drain hose to the drainage port at the back of the unit. Route the hose to a suitable drain (e.g., floor drain, sink) ensuring it is sloped downwards for gravity flow.

OVERFLOW PROTECTION

Intelligent prompt that the water tank is full and emits a buzzing sound



Figure 3: Illustration of the 1.3-gallon water tank and continuous drain hose setup. The unit features overflow protection.

4. OPERATING INSTRUCTIONS

The control panel allows you to manage all functions of your dehumidifier. Familiarize yourself with the buttons and display indicators.



Figure 4: Overview of the Smart Control Panel.

4.1 Control Panel Functions

- **ON/OFF Button:** Press to turn the unit on or off.
- **Humidity Setting:** Adjust the desired humidity level (typically between 30% and 80% relative humidity). The unit will operate until this level is reached.
- **Speed Button:** Select fan speed (Low, Medium, High). Higher speeds result in faster dehumidification.
- **Timer Button:** Set a 24-hour timer for automatic power on or off.
- **Ionizer Mode:** Activates the negative ion function for air purification.
- **Drying Mode (Dry Clothes):** Activates continuous dehumidification at high fan speed, ideal for drying laundry.



Figure 5: The dehumidifier supports various modes to suit different needs.

4.2 Special Features

- **Digital Display:** Shows current humidity, set humidity, and timer settings.
- **Auto Shut-off/Restart:** The unit automatically turns off when the water tank is full or the set humidity is reached. It restarts when conditions require.
- **Automatic Defrost:** When the ambient temperature drops below 45°F (7°C), the unit automatically enters defrost mode to prevent frost buildup on the coils.
- **Silent Mode / Screen-off in Sleep Mode:** Designed for quiet operation, with the display light turning off to minimize disturbance.



Figure 6: The unit features a 24-hour timer and quiet operation suitable for bedrooms.

5. MAINTENANCE

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

5.1 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 cause the unit to work harder.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter (typically at the back or side of the unit).
3. Remove the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not use a dishwasher.
5. Reinstall the dry filter and plug in the unit.

5.2 Emptying the Water Tank

When using manual drainage, the water tank will need to be emptied periodically.

1. When the 'Full' indicator illuminates and the unit beeps, turn off the dehumidifier.
2. Carefully pull out the water tank from the unit.
3. Pour out the collected water.
4. Slide the empty tank back into the unit until it clicks into place. The unit will resume operation automatically.

5.3 Cleaning the Exterior

Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6. TROUBLESHOOTING

If you encounter issues with your dehumidifier, refer to the following common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Water tank full or incorrectly inserted; Temperature too low.	Check power connection; Empty and reinsert water tank correctly; Ensure ambient temperature is above 45°F (7°C).
Unit runs but does not collect water.	Humidity setting too high; Room temperature too low; Air filter clogged.	Lower the desired humidity setting; Ensure room temperature is adequate for dehumidification; Clean the air filter.
Unit is noisy.	Unit not on a level surface; Air filter clogged; Internal components loose.	Place on a level surface; Clean the air filter; Contact customer support if noise persists.
Water leaks from the unit.	Water tank incorrectly inserted; Drain hose not properly connected or blocked.	Reinsert water tank correctly; Check drain hose connection and ensure it is not kinked or blocked.

7. SPECIFICATIONS

Feature	Specification
Brand	AIRPLUS
Model Name	WFS2008
Dehumidification Capacity	70 Pint (80 Pints per Day)
Coverage Area	Up to 4500 Sq.Ft
Tank Volume	1.35 Gallons (5.5 Liters)
Product Dimensions (D x W x H)	7.87"D x 23.62"W x 13.77"H
Item Weight	9.98 pounds
Rated Voltage	115V

Feature	Specification
Rated Frequency	60Hz
Rated Input Power (86°F, 80% RH)	270W
Rated Input Current (86°F, 80% RH)	2.75A
Sound Pressure Level	<48dB (A)
Refrigerant Charge	R290/2.82oz
Color	White
Special Feature	Auto Drain
Operation Mode	Automatic
Recommended Uses	Basement

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact AIRPLUS customer service. Details regarding your product's warranty period and terms can typically be found on the product packaging or the official AIRPLUS website. When contacting support, please have your model number (WFS2008) and purchase information readily available.






Manufacturer: AIRPLUS





[Airplus AP20-1905EE Dehumidifier: Setup, Operation, and Safety Manual](#)

Comprehensive user manual for the Airplus AP20-1905EE 70-pint dehumidifier, covering setup, safety guidelines, operating modes, timer functions, anion feature, auto-defrost, and maintenance for rooms up to 4,500 sq. ft.

	<p>Airplus AP1907P Dehumidifier User Manual</p> <p>User manual for the Airplus AP1907P 30-pint dehumidifier, covering up to 2000 sq. ft. Includes setup, operation, maintenance, and safety guidelines for home and basement use.</p>
	<p>Airplus AP25-2003EE Dehumidifier User Manual</p> <p>Comprehensive user manual for the Airplus AP25-2003EE dehumidifier, covering product details, operation, care and cleaning, troubleshooting, and technical specifications. Learn how to use and maintain your Airplus dehumidifier for optimal performance.</p>
	<p>AIRPLUS AP16-602EE Dehumidifier User Manual: Operation, Safety, and Maintenance</p> <p>Comprehensive user manual for the AIRPLUS AP16-602EE dehumidifier. This guide details setup, operation, safety precautions, cleaning, and troubleshooting tips for optimal performance and air quality in your home.</p>
	<p>Airplus Dehumidifier User Manual: Operation, Care, and Troubleshooting</p> <p>Comprehensive user manual for the Airplus Dehumidifier, covering product details, operation, cleaning, maintenance, troubleshooting, and technical specifications.</p>
	<p>Airplus Dehumidifier AP25-2003EE User Manual</p> <p>Comprehensive user manual for the Airplus Dehumidifier AP25-2003EE, detailing product features, operation instructions, care and cleaning procedures, troubleshooting tips, and technical specifications.</p>