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> [Acekool DF1 35oz Dehumidifier User Manual](#)

Acekool DF1

Acekool DF1 35oz Dehumidifier User Manual

Model: DF1

1. INTRODUCTION

Thank you for choosing the Acekool DF1 35oz Dehumidifier. This device is designed to efficiently remove excess moisture from small to medium-sized spaces, improving air quality and comfort. Featuring semiconductor dehumidification technology, quiet operation, and a 1000ml (35oz) water tank with auto-off functionality, it is suitable for use in bedrooms, bathrooms, offices, and other areas. Please read this manual thoroughly before operation to ensure proper use and maintenance.

2. SAFETY INSTRUCTIONS

- Always place the dehumidifier on a stable, level surface to prevent water spillage.
- Ensure the power cord is not damaged, pinched, or placed under heavy objects.
- Do not immerse the unit, power cord, or plug in water or other liquids.
- Keep the air inlet and outlet clear of obstructions to ensure proper airflow.
- Unplug the dehumidifier before cleaning, moving, or performing any maintenance.
- Do not operate the unit in extremely high temperatures or in direct sunlight.
- 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.
- Use only the original power adapter provided with the unit.

3. PRODUCT OVERVIEW

The Acekool DF1 Dehumidifier utilizes advanced thermo-electric semiconductor technology to efficiently remove moisture from the air. Its compact design includes a removable water tank and a washable filter for easy maintenance.

Thermo-electric Semiconductors Dehumidification



Figure 3.1: Internal view of the Acekool DF1 Dehumidifier, illustrating the thermo-electric semiconductor dehumidification process, capable of removing up to 350ml (12oz) of moisture per day.

Package Contents:

- 1 x Acekool DF1 35oz Dehumidifier
- 1 x Removable Washable Filter (pre-installed)
- 1 x Power Cord
- 1 x User Manual (this document)
- 1 x Removable Water Tank (1000ml / 35oz capacity)

Auto Shut-off & Large Water Tank



Figure 3.2: The Acekool DF1 Dehumidifier with its removable water tank, demonstrating the auto shut-off feature when the tank is full. The tank has a capacity of 1000ml (35oz).

4. SETUP

- 1. Unpack the Dehumidifier:** Carefully remove the dehumidifier and all accessories from the packaging. Retain the packaging for future storage or transport.
- 2. Choose a Location:** Place the dehumidifier on a firm, level surface in the desired room. Ensure there is at least 10 cm (4 inches) of space around the air inlet and outlet for optimal performance. Avoid placing it near heat sources or in direct sunlight.
- 3. Connect Power:** Insert the power cord into the power port on the back of the dehumidifier, then plug the other end into a suitable electrical outlet (100-240V AC, 50/60Hz).

Various Application Scenes



Figure 4.1: Examples of suitable placement for the Acekool DF1 Dehumidifier in various small environments such as bedrooms, bathrooms, offices, and closets.

5. OPERATING INSTRUCTIONS

Power On/Off:

- Press the power button located on the top of the unit to turn the dehumidifier on. The indicator light will illuminate.
- Press the power button again to turn the dehumidifier off.

Colorful LED Lights:

- The dehumidifier features 7 colorful LED lights. These lights can be cycled through by pressing the light button (if available, otherwise integrated with power button or automatic).
- The lights can be turned off independently if desired, or set to a specific color. Refer to the button functions on your specific unit.



Figure 5.1: The Acekool DF1 Dehumidifier operating with its ultra-quiet Peltier technology, emitting a soft blue light. It operates at approximately 25dB, ensuring minimal disturbance.

Auto Shut-off Function:

- The dehumidifier will automatically shut off when the water tank is full.
- The indicator light will turn red to alert you that the tank needs to be emptied.

6. MAINTENANCE

Emptying the Water Tank:

1. When the water tank is full, the dehumidifier will automatically stop operating, and the indicator light will turn red.
2. Carefully pull out the water tank from the bottom of the unit.
3. Pour out the collected water.
4. Rinse the water tank with clean water and wipe it dry before reinserting it into the dehumidifier. Ensure it is securely in place.

Cleaning the Air Filter:

The dehumidifier includes a removable and washable filter to help maintain air quality and unit efficiency. It is recommended to clean the filter every 2-4 weeks, depending on usage and air quality.

1. Unplug the dehumidifier from the power outlet.
2. Locate the air filter (typically at the back or side of the unit, or as part of the top cover).
3. Gently remove the filter.
4. Rinse the filter under running water to remove dust and debris. For stubborn dirt, a soft brush can be used.
5. Allow the filter to air dry completely before reinserting it into the dehumidifier. Do not use a dryer or direct heat.



Figure 6.1: Diagram illustrating the internal filter components, including the pre-filter and G4 filter, which contribute to effective dehumidification and air cleaning.

General Cleaning:

- Wipe the exterior of the dehumidifier with a soft, damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the surface.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power cord not connected.	Ensure the power cord is securely plugged into both the unit and the wall outlet. Check the power outlet.
Dehumidifier is running but not collecting water.	Room humidity is too low. Temperature is too low. Air filter is blocked.	The unit works best in humidity levels above 45%RH and temperatures above 59°F (15°C). Clean the air filter.
Water tank is full, but indicator light is not red.	Water tank sensor malfunction.	Ensure the water tank is correctly seated. If the issue persists, contact customer support.
Unit is making unusual noise.	Unit not on a level surface. Obstruction in fan.	Place the unit on a flat, stable surface. Unplug and check for any foreign objects near the fan.
Reduced dehumidification efficiency.	Air filter is dirty. Air inlets/outlets are blocked.	Clean the air filter. Ensure there is sufficient space around the unit for proper airflow.

8. SPECIFICATIONS



Figure 8.1: Dimensions of the Acekool DF1 Dehumidifier.

Feature	Detail
Model Name	DF1
Brand	Acekool
Water Tank Capacity	1000 ml (35 oz)

Feature	Detail
Dehumidification Capacity	Up to 350 ml (12 oz) per day
Recommended Floor Area	Up to 350 sq ft
Product Dimensions (D x W x H)	6.1" x 5.9" x 9.8"
Item Weight	2.2 Pounds
Wattage	23 Watts
Operation Mode	Sleep
Special Features	Auto Shut-off, 7-color LED light, Efficient Dehumidification, Portable
Color	White
UPC	196336003737

9. WARRANTY & SUPPORT

Acekool provides lifetime customer service for this product. If you encounter any issues or have questions regarding your Acekool DF1 Dehumidifier, please do not hesitate to contact our customer support team. Refer to the contact information provided on the product packaging or the official Acekool website for assistance. Please retain your proof of purchase for any warranty claims or support inquiries.