



Ai Vortex Air Cooler

DF-AF1310C

User's Manual



Thank you for your trust and support in purchasing our latest multifunctional luxury air cooler.

To get the best performance from this product, please read this User Guide carefully before use and keep it for future reference. We hope our product brings convenience and enjoyment to your life.

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I. Safety Warnings and Precautions

Please read these instructions carefully before use.

- Before use, check that your voltage matches the voltage on the appliance's rating label (220-240V~50Hz).
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or a lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Unplug the appliance during filling and cleaning.
- Do not bend or place heavy objects on the power cord. Position the power cord so it does not become a tripping hazard.
- Before use, place the air cooler on a flat, stable, and safe surface.
- When the air cooler is not in use, please unplug it. Do not pull on the power cord to unplug it.
- Please ensure the air cooler will not run into any blockages during operation.
- During operation, do not insert your fingers or other objects into the air outlet. If children are nearby, pay close attention to prevent them from playing with the air cooler.
- During operation, do not let hair, curtains, or similar objects get close to the air cooler, to avoid them being drawn in.

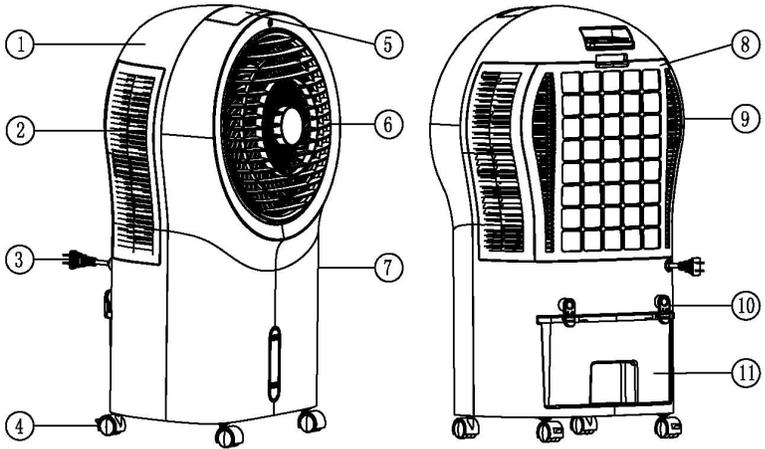
- If the power cord or plug is damaged, or if the unit malfunctions after being dropped, please stop using the product.
- Do not use outdoors. This product is for indoor use only.
- Do not use in damp places, such as a bathroom.
- Do not use on a windowsill or in direct sunlight.
- Do not use without the base attached.
- Do not store near gasoline, paint, or other flammable materials.
- Before cleaning, repairing, or moving the product, please unplug it.
- Please unplug the power supply when not in use.
- Please use the appliance according to the instructions in the manual.
- If the unit needs repair, please send it back to a service centre.
- The appliance should be kept clean and maintained regularly.
- It is forbidden to pull on the rotary blade, as this can damage the synchronous motor.
- **Chemical Burn Hazard:** Do not ingest the battery.
- This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think the battery might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- The battery contains materials that are hazardous to the environment. They must be removed from the appliance before it is disposed of, and must be discarded safely.
- Be aware that high humidity levels may encourage the growth of biological organisms. Do not permit the area around the appliance to become damp or wet. If dampness occurs, turn the humidifier's output down. If the output volume cannot be turned down, use the humidifier intermittently. Do not allow absorbent materials, such as carpeting, curtains, drapes, or tablecloths, to become damp.
- Never leave water in the reservoir when the appliance is not in use.
- Empty and clean the humidifier before storage. Clean the humidifier before its next use.

II. Functions and Features

1. Humidifier/Cooler function.
2. Timer function: Can be set for 1, 2, or 4 hours, and these can be combined for a maximum of 7 hours.
3. Infrared remote control.
4. Water shortage alarm.
5. Three air flow levels (High/Medium/Low).
6. Three wind modes: Normal, Natural, and Sleep.
7. Automatic rotating blade function.
8. Universal casters for easy movement.
9. Electronic button controls.
10. Drawer-style water tank for easy cleaning.
11. The display light brightness will dim to about 33% after 1 minute of inactivity.
12. Water pump sprinkling system for larger water circulation and a faster cooling effect.
13. Power-off memory function (only works while plugged in).
14. Screen-off function (activated by the remote control).

III. Features and Names of Product Components

- Product structure diagram

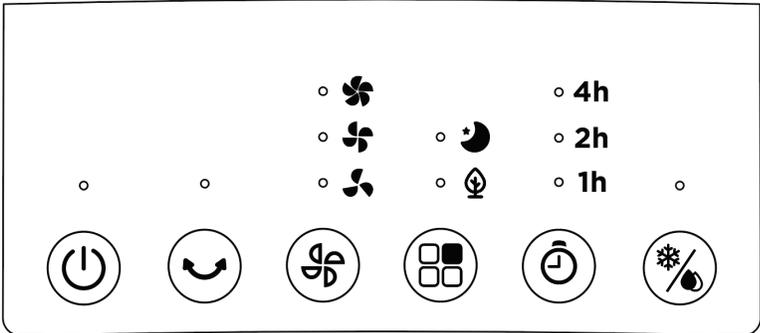


- | | | |
|------------------------|---------------------|----------------------|
| 1. Back shell | 2. Left side filter | 3. Power cord |
| 4. Castors | 5. Control panel | 6. Rotating blade |
| 7. Front shell | 8. Back filter | 9. Right side filter |
| 10. Power cord bracket | 11. Water tank | |

Affix: Remote control



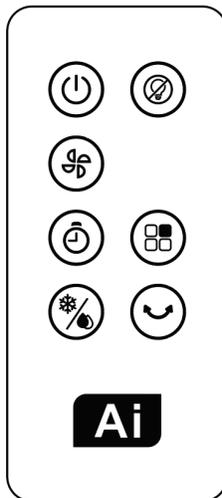
- The following picture is DF-AF1310C control panel diagram.



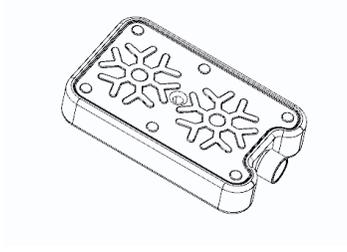
1、ON/OFF“” 2、SWING“” 3、SPEED“”

4、MODE“” 5、TIMER“” 6、COOLER/HUMIDIFIER“”

- Diagram for operation panel of remote control shall be subject to words in the language of the country



- **Ice pack**



- **Using the Ice Pack:**

The ice pack is designed for cold storage and heat preservation. It slowly absorbs heat from the water, keeping the water temperature in the tank lower than the ambient temperature for several hours. This makes the air blown from the unit feel cooler.

1. Place the ice pack in the refrigerator until it is completely frozen.
2. Pull out the water tank, place the frozen ice pack inside, and slide the tank back into place. After about 10 minutes, the water temperature will be lower than the room temperature.
3. The unit is equipped with two ice packs for continuous use.
4. Warning: Do not open the ice pack or swallow its contents.

IV. Product Installation and Usage

Installation The product can be used immediately after unpacking, with no installation required.

1. Function Buttons

1. **Getting Started:** When you plug in the unit, you will hear a "Bi Bi" sound and it will enter standby mode. All function indicators will be off, and only the **ON/OFF** button will be active.

2. “” On/Off button:

2. On/Off Button:

1. In standby mode, press the On/Off button once to turn the unit on. The default settings are:
 - **Wind Speed:** Low. (When first powered on, it will run on Medium for 3 seconds before switching to Low).
 - **Cooling:** Off.
 - **Wind Mode:** Normal.
 - **Timer:** Off.
 - **Swing:** Off.
2. When the unit is on, pressing the On/Off button will turn all functions off and return it to standby mode.

3. “” **Speed button**

Press the Speed button to cycle through the wind speeds in the order of Low -> Medium -> High -> Low.

4. “” **Cooler / Humidifier button**

Press this button to turn the cooling and humidifying function on or off. When on, the water pump will activate.

5. “” **Timer button**

Press this button to set the automatic shutdown time. You can combine the 1H, 2H, and 4H indicators for a total of up to 7 hours. The display will count down (e.g., if set for 2 hours, after 1 hour the 2H light will turn off and the 1H light will turn on). The unit will enter standby mode when the time runs out.

6. “” **Left-right swing button**

Press to turn the left-right swing function on or off.

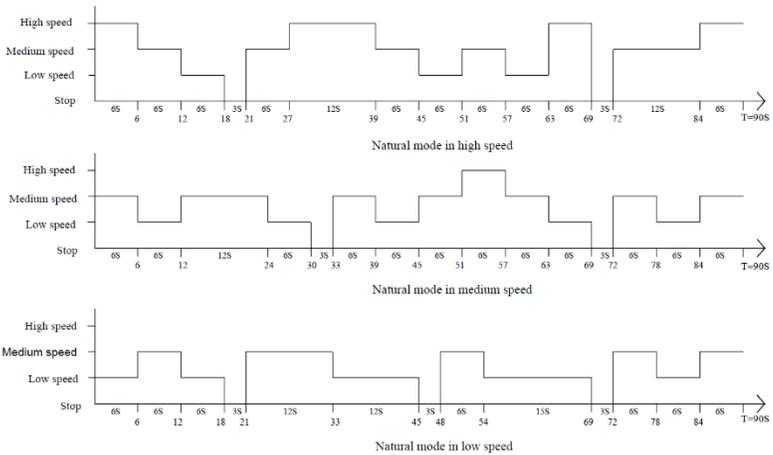
7. “” **Mode button**

Press this button to cycle through the wind modes: Normal -> Natural -> Sleep -> Normal.

- **Normal Wind:** The unit runs at a constant speed (High, Medium, or Low) that you select.
- **Natural Wind:** The unit simulates a natural breeze by automatically cycling through the different fan speeds.
- **Sleep Wind:** The fan speed will gradually decrease over time to prevent discomfort while you sleep.

- **High Speed Setting With Sleep Mode:** Runs on High for 30 minutes, then Medium for 30 minutes, then switches to Low.
- **Medium Speed Setting With Sleep Mode:** Runs on Medium for 30 minutes, then switches to Low.
- **Low Speed Setting With Sleep Mode:** Runs continuously on Low.

The operating sequence for Natural Mode is as follows:



8. **Water Shortage Protection:** If the cooling function is on and the unit detects a water shortage for 5 seconds, the water pump will stop, a buzzer will sound 5 times, the cooling indicator will flash, and the green light will turn off.

9. **Other Functions:**

- **Dimming:** After 1 minute of inactivity, the indicator lights will dim. Press any button to restore brightness.

- **Power-Off Memory:** If the unit is not unplugged, it will remember the last used settings (except for Timer and Sleep mode) when you turn it back on.
- **Screen-Off:** Press the screen-off button on the remote control to turn off all indicator lights. Press any key to turn them back on.

Water Filling

1. To use the cooler/humidifier function, you must add water to the tank. Unlock and pull out the water tank.
2. Gradually fill the tank with clean tap water, paying attention to the water level indicator. Do not fill above the "MAX" line or below the "MIN" line.
3. Push the water tank back in and lock it.
4. Tip: A slight smell or water discolouration is normal when using the machine for the first time. This is non-toxic and harmless.

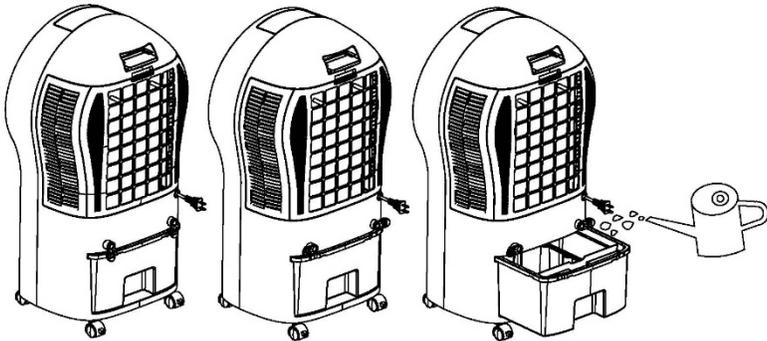


Fig.1

Fig.2

Fig.3

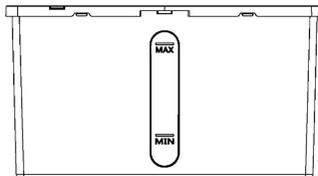
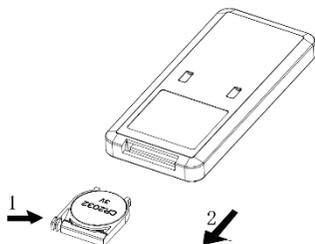


Fig.4

Using the Remote Control

1. Open the battery cover on the back of the remote and insert one 3V CR2032 battery, noting the correct polarity.
2. Aim the remote control at the receiver on the main unit.



V. Cleaning and Maintenance

Warning: Always turn off and unplug the appliance before cleaning to avoid electric shock. Do not use chemical agents for cleaning.

- **Exterior Surface:** Wipe the surface with a soft cloth. If it is very dirty, use a cloth dampened with a mild detergent and water (below 50°C), then allow it to air dry. Do not use gasoline, paint thinner, or other harsh chemicals that could damage the surface.
- **Water Tank Cleaning:**
 1. Unplug the unit, unlock the water tank, and remove it.
 2. Use a cloth or soft brush with a small amount of mild detergent to clean the inside of the tank.
 3. Rinse thoroughly with clean water and pour the dirty water out.

- **Machine Body Cleaning:**

1. Wipe the body with a damp towel. **Do not wash directly with water.**
2. Do not use corrosive cleansers or solvents.

- **After Cleaning:** Reinstall the filter and water tank correctly. Plug in the unit to confirm it runs smoothly.
- **Storage:** If the machine will not be used for a long time, unplug it and pack it away to prevent dust accumulation. Ensure the cooling pad, filter, and water tank are completely dry before packing.

VI. Technical Parameters

Product	DF-AF1310C
Rated voltage	220-240V~
Rated frequency	50Hz
Rated power	60W
Noise(strong mode)	≤55dB
Rated evaporation	600mL/h
Energy efficiency ratio	7W/W
Product size	384W x 297H x 690D mm
Net weight	6.2Kg
Packing weight	8.2Kg (Included the weight of two standard medium-sized ice pack)
Application environment	Relatively humidity less than 95% (25℃)

Environmental Protection



■ This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.



For after sales support and enquiries, contact ACL IMPEX P L at info@acli.com.sg