

FRIGIDAIRE

# EVAPORATIVE AIR COOLER

FEC180WH00  
Owner's Manual



Intertek

Manual v1.0

# READ AND SAVE THESE INSTRUCTIONS.

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## SPECIFICATIONS

<b>MODEL NO</b>	FEC180WH00
<b>RATED VOLTAGE</b>	120V
<b>RATED FREQUENCY</b>	60 Hz
<b>RATED POWER</b>	45W
<b>NOISE</b>	≤55dB
<b>WATER CONSUMPTION</b>	15.22 oz/hour
<b>WATER TANK CAPACITY</b>	2.3W/W
<b>AIR FLOW</b>	8.70"W x 8.90"D x 23.40"H
<b>DIMENSIONS</b>	175 CFM
<b>WEIGHT</b>	8.20 lbs

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Comments/questions:  
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## REGISTER YOUR PRODUCT ONLINE

### Register Your Frigidaire Product Online Today!

Take advantage of all the benefits product registration has to offer:



#### **Service and Support**

Diagnose troubleshooting and service issues faster and more accurately



#### **Recall Notifications**

Stay up to date on safety notices, system updates, and recall notifications



#### **Special Promotions**

Opt-in for NewAir promotions and offers.

Registering your product information online is safe, secure and takes less than 2 minutes to complete:

[newair.com/register](http://newair.com/register)

Alternatively, we recommend you attach a copy of your sales receipt below and record the following information, which can be found on the manufacturer's nameplate on the back of the unit. You will need this information if it becomes necessary to contact the manufacturer for service inquiries.

**Date of Purchase:**

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**Serial Number:**

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**Model Number:**

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## SAFETY INFORMATION & WARNINGS



In order to avoid the dangers caused by misoperation, please read the instruction manual before using the machine.

- This product is for indoor use only.
- Only use a qualified power outlet that has been checked to meet the regulatory requirements. Please confirm the voltage when relocating.
- 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 are under constant supervision or given instruction concerning use of the appliance by a person responsible for their safety.
- Children should not play with this product. Children who are not supervised should not use, clean, or move this product.
- If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
- Unplug the power plug before cleaning and maintenance.
- Do not touch the power plug with wet hands, or else it may cause electric shock.
- Do not drag the cord when pulling out the power plug.
- Do not fold the power cord or place heavy objects on it.
- Never insert wooden sticks, metal sticks, or other objects into the inlet or outlet. It may cause leakage, short circuit, or damage to the product.
- Do not spray insecticides or flammable sprays around the product, as the product may be damaged.
- Do not directly blow on children for a long time, as this may cause illness or affect the health.
- Make sure that the power plug has no foreign objects in it and is fully inserted into the product.
- If the product has any abnormal smell or noise during use, please stop using it immediately and unplug the power.

- After water has been added to the device, do not tilt or collide it into anything in order to prevent water from splashing during placement or relocation. If the product falls with water in it, immediately pull out the power plug and wait 24 hours before turning it on.
- The water level of the water tank should not exceed the maximum line. When the cooling or humidification function is enabled, the water level in the water tank should not be lower than the minimum line.
- When the water tank is full of water, do not lift the device with the handle, or else the water tank will tilt and overflow. Instead, use the handle to push the machine to place you want it. Only once you confirm that there is little to no water in the water tank, should you grab the handle to lift the device.
- During evaporative cooling mode, do not attempt to install the air filter or cooling pad. This may cause water to spray out of the air outlet.
- Do not attempt to move the oscillating vertical louvers by hand. This may damage the synchronous motor.
- When you are not using the unit for a long time, turn off the power and unplug the power cord from the outlet.
- If the product fails, please send it to the service station or notify the after-sales service center. Do not disassemble it or replace the parts. Any disassembly or transformation will affect the safety of the product.

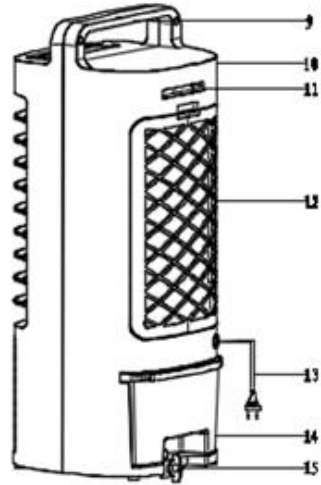
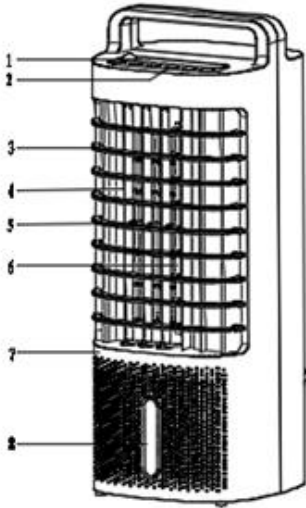
### **Safety Warnings and Precautions:**



- **WARNING: Chemical Burn Hazard.** Keep batteries away from children.
- This product contains a lithium button/coin cell battery. If a new or used lithium button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as 2 hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

## PRODUCT COMPONENTS

### PARTS LIST



1. Function display window
2. Control panel buttons
3. Horizontal louver
4. Vertical louver
5. Vertical louver connecting rod
6. Horizontal louver connecting rod
7. Front case
8. Water level display window

9. Handle
10. Rear case
11. Remote control storage area
12. Air filter
13. Power cord
14. Water tank
15. Water tank lock

## FEATURES

1. On/off button
2. Three fan speeds: low, medium and high
3. Three fan modes: normal, natural and sleep
4. Two fan directions: manual oscillation of horizontal louver and automatic oscillation of vertical louver
5. Timer functions: 1H, 2H, 4H and 8H
6. Humidifying function
7. Digital display
8. Fan cooling function
9. Automatic dimming LED light after 1 minute of no operation
10. Remote control operated
11. Removable water tank for easy cleaning



Remote

## CONTROL & DISPLAY PANELS









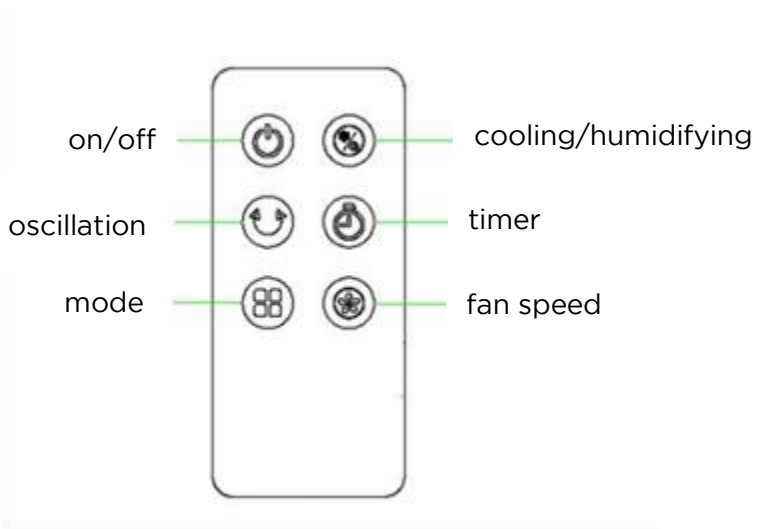
1		On/off button
2		Fan speed button (low, medium, high)
3		Mode button
4		Cooling/humidifying button
5		Timer button (1-2-4-8 hours)
6		Left/right oscillation button

Diagram of display panel.



Diagram for operation panel of remote control.









## PRODUCT INSTALLATION AND USAGE

The product can be used immediately after taken out of the package (no installation is required).

### FUNCTION BUTTONS


After plugged into a power outlet, the unit will beep and enter the standby state (all the function indicators and buttons are off).

#### ON/OFF BUTTON

1. In the standby state, press  to turn the unit on. Once the unit is on, it will be in the following default state:
  - a. Fan is on low speed . (Whenever the unit is turned on, it will run 3 seconds at medium speed before returning to the speed it was turned off in.)
  - b. Cooling/humidifying  is off.
  - c. Mode is set to normal mode .
  - d. Timer 1h, 2h, 4h, 8h is off.
  - e. Left/right oscillation  is off.
2. After you are done using the unit, press the  button to turn off all functions. The unit will then enter the standby state.



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## FAN SPEED BUTTON

1. Press the  button to adjust the fan speed in the following sequence: low → medium → high → low; the corresponding indicator will light up.



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## COOLING / HUMIDIFYING BUTTON

1. Press the  button to turn on/off the cooling/humidifying function
2. To prevent damage to the pump due to long-time work, the pump will automatically stops after 10 hours of continuous operation of the cooling/humidifying function.
3. To draw water out of the water tank, the  button needs to be on.




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## TIMER BUTTON


1. Press the  button to activate the shutdown timer.
2. Press the  button again and the 1H indicator will turn on. Keep pressing the button to activate the shutdown timer in the following sequence: 1H → 2H → 4H → 8H → timer off → 1H. (The display mode is as follows: When you set the timer to 2H, the 2H indicator will turn off after 1 hour and the 1H indicator will turn on. The indicator descends automatically).
3. When the timer indicators are all off, the unit turns off and enters standby state.

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## LEFT/RIGHT OSCILLATION BUTTON

1. Press the  button to turn on or off the left/right oscillation function:
  - a. On mode: the oscillation starts and  turns on.
  - b. Off mode: the oscillation stops and  turns off.

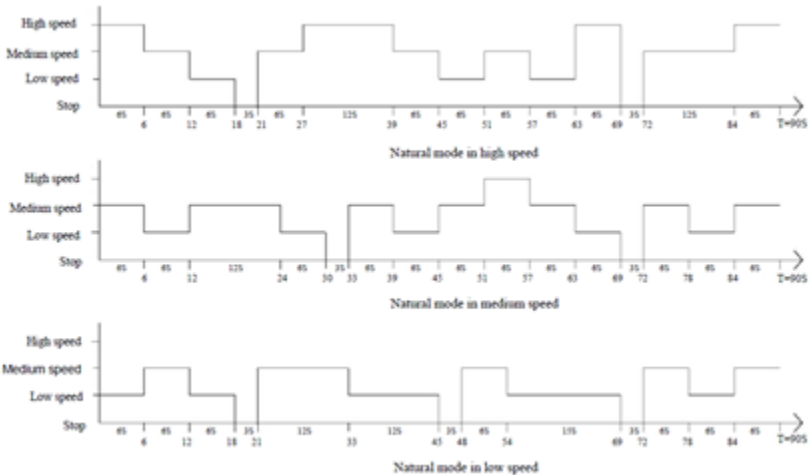
## MODE BUTTON

1. Press the  button to switch the fan mode in the following sequence: normal → natural → sleep → normal; the corresponding indicator will light up.

**Normal mode:** The product runs at the fan speed set by the user. The speed options include: high, medium and low.

**Natural mode:** The product switches automatically among high, medium and low speeds. This mode simulates a relaxing breeze.

The specific waveform of natural mode is as follows:



**Sleep mode:** This mode prevents people from physical discomfort due to high fan speed during sleeping; below are the fan levels and the mode of operation when fan speed is turned on.

**High speed:** 30 minutes high natural mode → 30 minutes medium natural mode → low natural mode

**Medium speed:** 30 minutes medium natural mode → low natural mode

**Low speed:** Low natural mode

In sleep mode, the indicator of the fan speed changes when the natural mode switches. For example: when the sleep mode is turned on at medium speed, it will switch to low speed natural wind automatically after 30 minutes. At this point, the medium speed indicator turns off, and the low speed indicator turns on.

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## OTHER FUNCTIONS

- a. Automatic dim function: If there is no button operation in 1 minute after any indicator is on, the indicator will automatically dim (33% of the original brightness). The indicator will light up again if any button is pressed after 1 minute of no operation.
- b. Uninterrupted memory function: If it isn't the first time that the unit is turned on, the unit starts with the state before shutdown.

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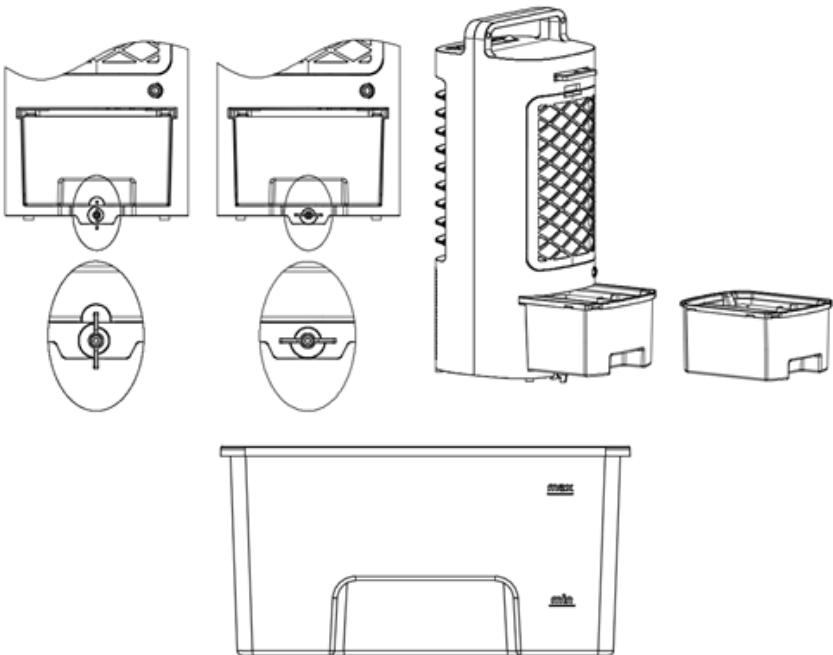
## AUTOMATIC SHUTDOWN FUNCTION

When the unit is turned on and the timer is disabled, it will shut down automatically after 15 hours of continuous operation from the last button operation.

If you want to cancel this function, press and hold the  button for 3 seconds, and the buzzer will beep to notify you that the automatic shutdown has been canceled. To restore the automatic shutdown function, press and hold the  button for another 3 seconds.

## FILLING WATER

When you use the cooling and humidifying function, please add water to the water tank. Before filling the tank with water, you must first open the knob on the tank lock, remove the tank and slowly fill the tank with water. Once the tank is full, place it in the original position and then re-lock the knob on the tank lock.

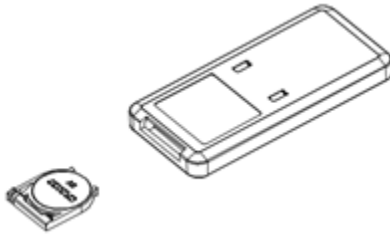


1. Don not let water exceed the maximum level or fall below the minimum level.
2. Use clean tap water to fill the water tank.

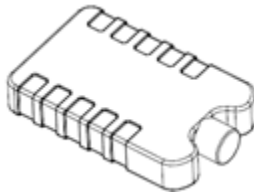
There may be a slight odor or discoloration in the water tank during first usage. This is a normal and harmless to your health.

## REMOTE CONTROL

1. Open the battery cover on the back of the remote control and install a CR2032 3V battery.
2. Aim the remote at the receiver when using.
3. When the battery needs to be replaced, pull it out and away from the remote. Pay attention to the positive and negative terminals of the battery when replacing the battery. Put the battery cover on to reset the remote for usage.



## ICE PACKS



The included ice pack has a unique cold storage and heat preservation property which slowly absorbs the heat in the water and makes the water temperature in the water tank lower than the ambient temperature.

1. Place the ice pack in the freezer until it is completely frozen.
2. Insert the frozen ice pack into the water tank and push the water tank back into place. After about ten minutes, the water temperature in the water tank will be lower than the ambient temperature.
3. Do not break open or modify ice packs in any way—ice packs already contain a freezing gel and do not need to be opened. Place ice packs in the freezer overnight prior to use, for maximum cooling effect. Frozen ice packs should be placed directly into the water tank, out of the way of the water tank, to prevent obstruction or damage.

## CLEANING AND MAINTENANCE



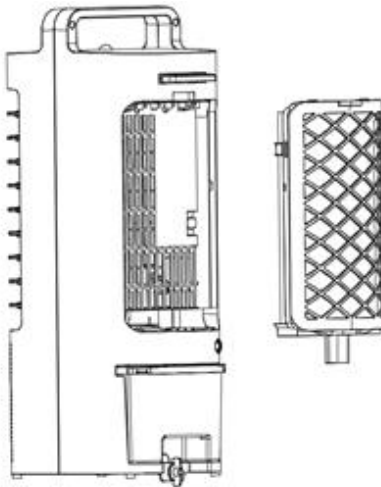
Please be sure to unplug the power line during cleaning, as it may cause electric shock.

1. If dust accumulates on the outer surface of the unit, please wipe with a damp soft cloth. Use a water and a soap mixture to clean the exterior.
2. Do not use gasoline, thinner, or any substance that may damage the unit

## CLEANING THE AIR FILTER AND COOLING PAD

If too much dust accumulates on the air filter, it will affect the overall performance of this unit. Clean the air filter at least once every other month for proper use. To clean the cooling pad:

1. Unplug the power.
2. Pull out the rear screen handle to remove the evaporative cooler (as shown below).
3. Soak the cooling pad in detergent for a few minutes, wash and dry.



## CLEANING THE WATER TANK

1. Unplug the power supply and turn the water tank knob horizontally to pull out the water tank.
2. Dip a cloth or rag in detergent and wipe the interior of the water tank, then wash with clean water.

## AIR DRY FUNCTION

1. When you are ready to store the unit and want to dry the cooling pad and air filter after using the humidifying mode, you can press and hold the “fan speed” button for 3 seconds to start the air dry function
2. When using the dry function, all other buttons stop working except the “On/Off” button. If you turn off the unit before the 20-minute drying cycle has completed, you’ll need to re-run the air dry program again.
3. After running at high speed for 20 minutes, the unit will automatically turn off.

## CLEANING THE SURFACE

1. Clean the surface of the unit and wipe it off with a damp cloth. Do not rinse it directly with water.
2. Do not clean with corrosive detergent or solvent.
3. Before cleaning the unit, be sure to turn off the power and unplug the power cord, or else it may cause electric shock.

## MAINTENANCE

1. When the unit is not in use for a long time, unplug the power, pack the unit and prevent dust from entering.
2. Before storing, ensure that the cooling pad and air filter are dry, and there is no water in the water tank.

## LIMITED MANUFACTURER'S WARRANTY

This appliance is covered by a limited manufacturer's warranty. For one year from the original date of purchase, the manufacturer will repair or replace any parts of this appliance that prove to be defective in materials and workmanship, provided the appliance has been used under normal operating conditions as intended by the manufacturer.

### **Warranty Terms:**

During the first year, any components of this appliance found to be defective due to materials or workmanship will be repaired or replaced, at the manufacturer's discretion, at no charge to the original purchaser. The purchaser will be responsible for any removal or transportation costs.

### **Warranty Exclusions:**

The warranty will not apply if damage is caused by any of the following:

- Power failure
- Damage in transit or when moving the appliance
- Improper power supply such as low voltage, defective household wiring or inadequate fuses
- Accident, alteration, misuse or abuse of the appliance such as using non-approved accessories, inadequate air circulation in the room or abnormal operating conditions (extreme temperatures)
- Use in commercial or industrial applications
- Fire, water damage, theft, war, riot, hostility or acts of God such as hurricanes, floods, etc.
- Use of force or damage caused by external influences
- Adjustments to temperature by removal of stickers and/or screws
- Partially or completely dismantled appliances

### **Obtaining Service:**

When making a warranty claim, please have the original bill of purchase with purchase date available. The purchaser will be responsible for any removal or transportation costs. Replacement parts and/or units will be new, remanufactured or refurbished and are subject to the manufacturer's discretion.

For technical support and warranty service, please email [support@newair.com](mailto:support@newair.com)