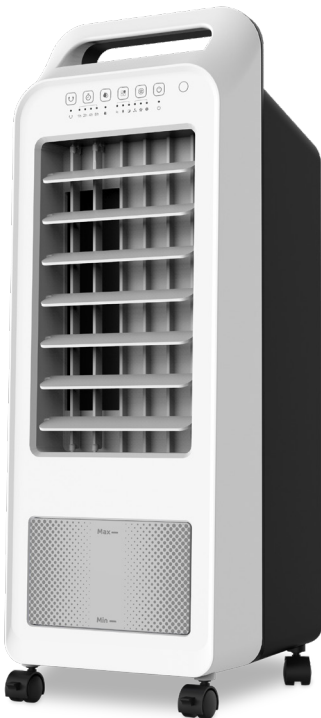


EVAPORATIVE

DF319

# ECO AIR COOLER

natural cooling



4 in 1



cooler



fan



humidifier



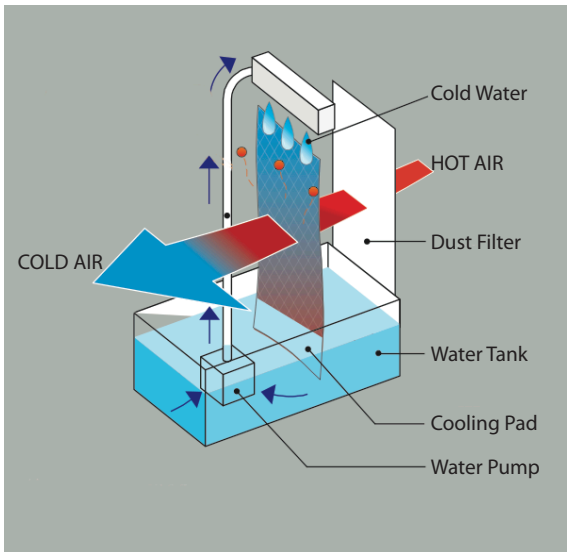
air cleaner

USER'S MANUAL



# WHAT IS AN ECO AIR COOLER ?

ECO AIR COOLERS use evaporative cooling to provide airflow that is cooler than the surrounding air. Water is pumped up and dripped onto the cooling pad and as hot air is pulled through, the water in the cooling pad evaporates. Evaporation absorbs heat, dropping the temperature of the air flowing from the cooler. As a result, the airflow is much cooler than the ambient air.



The best feature of the ECO AIR COOLER is that it is an environmentally responsible method of air cooling since it uses only water and **only 45 Watts of power** - less power than one light bulb !

# ✱ HOW TO USE THE ECO AIR COOLER EFFECTIVELY

The ECO AIR COOLER is not an air conditioner. It is best described as the coldest fan you will ever experience. Unlike an air conditioner, it does not recirculate stale dry air - it constantly circulates healthy, fresh and cold air into your space.

The ECO AIR COOLER is most effective in drier climates and works best in areas with less than 60% humidity.



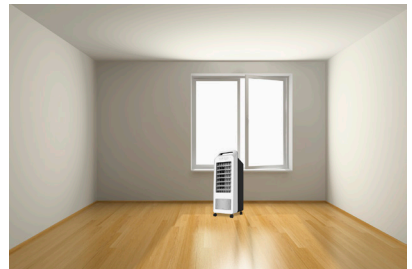
The colder the water is in the water tank, the more effectively the evaporative cooling works. As a result, for additional and prolonged cooling, freeze the included ice packs and place them in the water tank. Ice cubes can be used as a substitute or in addition to the ice packs.



To enhance the circulation of the cold air from the ECO AIR COOLER, use it in a space with two slightly open doors or windows opposite each other, creating a cross flow of air.



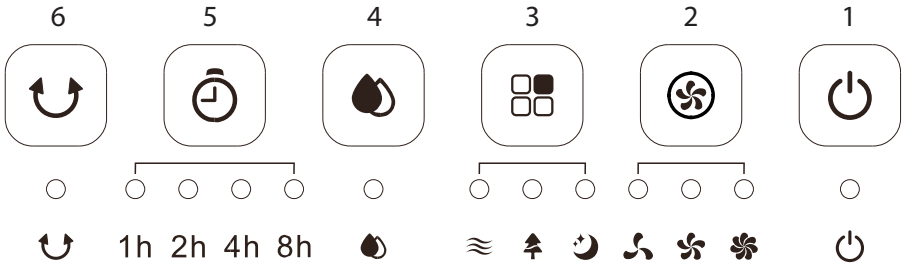
Place the rear of the ECO AIR COOLER in front of an open door or window. Evaporative coolers are most efficient when they have a constant supply of fresh air.



**DO NOT USE THE ECO AIR COOLER IN A CLOSED ROOM** - the room may become humid.

For a short demonstration video of the ECO AIR COOLER, please visit [www.floater.ca](http://www.floater.ca). Enjoy your ECO AIR COOLER.

# CONTROL PANEL



1. On/Off
2. Speed
3. Mode
4. Cooler/ Humidifier
5. Timer
6. Oscillation

# REMOTE CONTROL



- |                |                       |
|----------------|-----------------------|
| 1. On/Off      | 4. Cooler/ Humidifier |
| 6. Oscillation | 5. Timer              |
| 3. Mode        | 2. Speed              |

# OPERATING INSTRUCTIONS

## ON/OFF BUTTON:

Will turn the unit completely on or off. When turned on, the unit remembers previous settings.

## SPEED BUTTON:

Press the Speed button to set fan speed. Pressing multiple times changes the fan speed to LOW, MEDIUM, or HIGH.

## MODE BUTTON:

Press the Mode button to set the fan mode. Pressing multiple times changes the fan mode to NORMAL, NATURAL, or SLEEP mode.



**NORMAL Mode:**

In this mode, the unit operates in LOW, MEDIUM, or HIGH fan speed.



**NATURAL Mode:**

In this mode, the unit operates in a preset cycle of a combination of LOW, MEDIUM, HIGH fan speeds and OFF to simulate a natural breeze. There is a preset cycle for each fan speed in NATURAL mode. For example, on MEDIUM NATURAL mode, the precycle will have more MEDIUM fan speed.



**SLEEP Mode:**

The operation of the SLEEP mode depends on the fan speed.

**HIGH fan speed:** Unit operates on HIGH NATURAL mode for 30 minutes, dropping to MEDIUM NATURAL mode for the next 30 minutes, and continues on LOW NATURAL mode.

**MEDIUM fan speed:** Unit operates on MEDIUM NATURAL mode for 30 minutes and continues on LOW NATURAL mode.

**LOW fan speed:** Unit operates on LOW NATURAL mode.

This will mode will continue until the unit is turned off or end at the set time, if the timer function is activated.

## TIMER BUTTON:

Can be set to turn off the unit automatically in 1, 2, 4, or 8 hours.

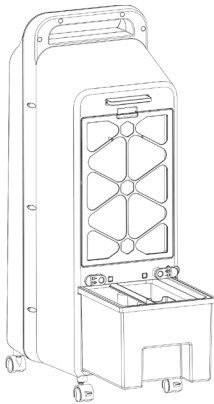
## OSCILLATION BUTTON:

When this button is pressed, the horizontal louvers oscillate side to side. Press the button again to lock in any position. Press again to resume horizontal oscillation. Do not manually adjust the horizontal louvers - damage to the unit will result.

## COOLER/HUMIDIFIER BUTTON:

If the Cooler/Humidifier function is not on, the ECO AIR COOLER acts like any normal fan, without the evaporative cooling.

To use the Cooler/Humidifier function, please fill the Water Tank first.



- Turn the knobs above the Water Tank on the back of the unit to unlock the Water Tank.
- Pull the Water Tank out.
- Add cold and clean water to the Water Tank.
- Be mindful of the water level indicator when adding water and ice packs.
- **DO NOT OVERFILL.**
- If water is overfilled, remove excess water.
- **DO NOT TIP UNIT TO DRAIN.**
- After adding water or ice packs, close and lock the Water Tank.

When the Cooler/Humidifier button is selected, the water pump is engaged. After a couple of minutes, the evaporative cooling process will begin.

**Please ensure that the Eco Air Cooler is not operated with Cooler/Humidifier function on when there is less than the minimum amount of water, as indicated by the water level indicator. If the Cooler/Humidifier function is operated with less than the minimum amount of water required, the water pump may be damaged.**

**After the unit has been run for 10 hours continuously with the Cooler/Humidifier function on, the Cooler/Humidifier function will automatically shut off, to protect the water pump.**

## REMOTE CONTROL:

The unit can also be controlled directly with the remote control.

Slide open the battery compartment on the bottom of the remote control and install a 3V CR2032 battery and then slide the battery compartment back into the remote control.

There are 6 keys on the remote control that function the same as the button controls on the control panel.

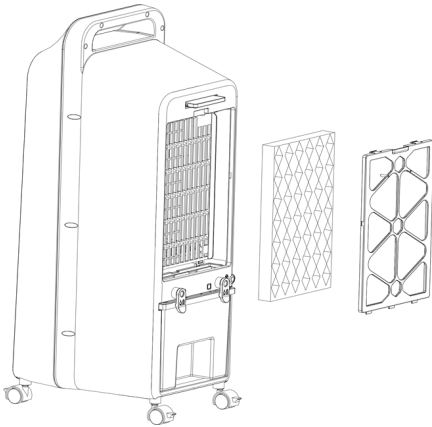
When using the remote control, it should be aimed at the Remote Control Receiver (a small round window to the right of the On/Off Button).

The remote is effective up to a distance of 20 feet.



# MAINTENANCE

Do not service or clean the unit while it is plugged in.



## OUTER DUST FILTER

Pull the tab at the top to remove the Outer Dust Filter. Carefully wash the Filter with a gentle detergent and air dry. If the environment is dirty, you should wash it once every one or two months. When replacing the Outer Dust Filter, please ensure that all the tabs are inserted properly so that it is flush with the back of the cooler.

## COOLING PAD

After removing the Outer Dust Filter, you can pull out and remove the Cooling Pad. To wash the Cooling Pad, run cold water through it. The Cooling Pad should be replaced every 3-5 years, depending on usage.

## WATER TANK

Unlock the Water Tank and pull it out completely from the unit in order to drain. **DO NOT TIP UNIT OVER TO DRAIN WATER.** Use a brush or a cloth to clean any sediments in the water tank with a gentle detergent.

## OUTER SURFACE

Clean with gentle detergent and soft cloth.

\* When storing the unit, please ensure that the Outer Dust Filter, Cooling Pad, and Water Tank are completely dry before storing.

# POINTS FOR ATTENTION

- When adding water and ice packs, do not overfill above “MAX” water level.
- The Cooler/Humidifier function works best in a room where there is a window or door slightly open to release moisture. A closed room may become humid.
- For best cooling results, place the rear of the ECO AIR COOLER in front of an opened door or window.
- When environmental humidity is too high, avoid using the cooler/humidifier for extended periods - use the unit as a fan only.
- To prevent water from overflowing, do not tip or lean the unit.
- Do not put any objects on or in the unit.
- Disconnect power before cleaning, repairing, moving or adding water.
- If the machine tips over with water in it, disconnect power plug immediately. Unlock the Water Tank and pull it out completely from the unit in order to drain. Let machine dry out for over 24 hours before using again. Please note: warranty does not cover the situation in which the unit was tipped over and damaged.
- When moving the unit with water in the tank, please be careful not to let the water overflow.
- Do not place the wind outlet or wind inlet of the unit close to walls or curtains, otherwise air can be blocked, reducing the effectiveness.
- After a period of time, the Outer Dust Filter will become dusty and block the airflow. Cleaning the filter will restore normal airflow.
- When not using the unit for an extended period of time, disconnect the power.
- Do not attempt to service the unit by yourself.
- If the supplied cord is damaged, a qualified technician must replace it in order to avoid a fire hazard.
- Do not attempt to open the Ice Packs - swallowing its contents may be harmful.

# SPECIFICATIONS

Model No.	DF319
Voltage	120V~60Hz
Power	45W
Max Water Capacity	5.5L (1.45 gal)
Water Usage	0.5L/hr (0.13gal/hr) depending on humidity
Net weight of unit	5.4 kg (11.9 lbs)
Unit Size	25 x 28 x 71 cm (11 x 12 x 28 in)
Area of Coverage	up to 150 sq ft

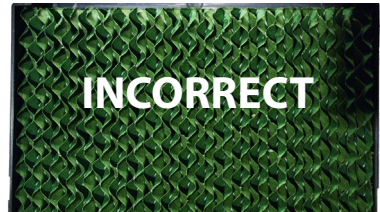
# WARRANTY

For the one year limited warranty, please keep proof of purchase. For service enquiries or warranty issues, please contact point of purchase.

# COOLING PAD REPLACEMENT

Please note, the Cooling Pad should last 3-5 years of seasonal use. Should you require a replacement, please contact your point of purchase.

When replacing the Cooling Pad, please ensure that the new Cooling Pad is inserted with the correct side up.



floater imports would like to thank you for your purchase.

For a short demonstration video of the ECO AIR COOLER, please visit [www.floater.ca](http://www.floater.ca).

# EVAPORATIVE ECO AIR COOLER

natural cooling

