

## ● ● ● MAINTENANCE

Always unplug the evaporative cooler from the power supply before servicing or cleaning.

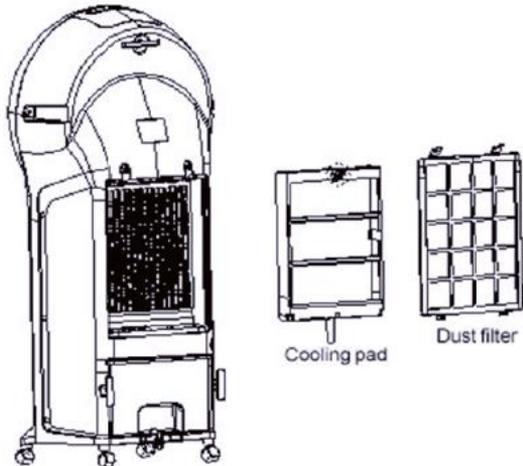
Regular cleaning and maintenance is an essential step in maintaining the longevity of your tower evaporative cooler and ensuring that it operates free of defects. Maintain your evaporative cooler by following these steps:

### EXTERIOR CLEANING

1. Use a soft cloth and a mild soap and warm water solution to clean the unit's exterior. Do not use harsh cleaners, gasoline, paint thinner, benzene, etc., as these substances can damage the evaporative cooler.
2. Thoroughly dry all of the cooler's parts with a soft cloth before reconnecting the unit to the power supply.

### DUST FILTER & COOLING PAD CLEANING

To prevent the cooling pad and filter from becoming clogged with dust, mineral deposits and other buildup, we recommend that it be cleaned at least once a month.



1. Remove the dust filter from the back of the unit by pushing down on the two tabs located above the filter and pulling it out. Gently scrub it with a soft brush and rinse with water.
2. While the dust filter is off, turn the knob on the pad clockwise and pull it out from the back of the unit. Rinse the pad with clean water to remove

dust. For a more thorough cleaning, use a diluted vinegar solution to wash the pad. If necessary, immerse the pad in the diluted vinegar solution for 30 seconds to remove hard water buildup. Be sure to rinse the pad thoroughly with clear water to remove vinegar residue.

3. Allow the filter and the cooling pad to air dry completely before replacing them in the unit.

## WATER TANK CLEANING

The water tank should be emptied regularly to ensure hygienic use. To clean the tank, rinse it with warm water and a light detergent solution. Rinse with clean water and allow it to dry completely before placing it back into the cooler.

## WATER PUMP MAINTENANCE

Hard water buildup can affect the performance of the cooler's water pump. To prevent malfunctions, clean the pump and internal tubing with a calcium and lime cleaning product (such as CLR) at least once a season.

1. Empty any water from the tank.
2. Pour the cleaner into the water tank and close it. Be sure to push the tank in completely to ensure the water pump is lowered into the tank full of cleaner.
3. With the tank closed, allow the pump to soak for 10 to 20 minutes.
4. Remove the cooling pad from the back of the unit.
5. Run the cooler for 30 seconds. This will circulate the cleaning solution through the pump and tubing to remove any leftover mineral deposits. Do not operate longer than 30 seconds, or damage might occur to other parts of the cooler.
6. Rinse the tank and fill it with clean water. Run it for several minutes without the cooling pad in place to ensure the cleaning solution has been rinsed away.
7. Replace cooling pad and dust filter and operate unit as normal.

If the evaporative cooler will not be in use for an extended period of time, place the unit back in its original carton and keep it stored in a clean, dry place.

## ● ● ● TECHNICAL SUPPORT

Luma Comfort is committed to providing a premier service experience. If you are experiencing any technical issues with your product related to either setup or operation, please contact our product support team at 1-866-737-6390 or [support@lumacomfort.com](mailto:support@lumacomfort.com).

### PRODUCT SPECIFICATIONS

Model:	EC110S
<b>Product Dimensions:</b>	12.75" x 11.25" x 34.5"
<b>Product Weight:</b>	16.2 pounds
<b>Voltage:</b>	110V – 120V
<b>Wattage:</b>	110W
<b>Coverage Area:</b>	Up to 250 sq. ft.
<b>Tank Size:</b>	1.7 gallons
<b>Fan Speeds:</b>	3
<b>Noise Level (dB):</b>	66
<b>Airflow:</b>	500 CFM
<b>Oscillation:</b>	Yes
<b>Warranty:</b>	1 year manufacturer's warranty

## TROUBLESHOOTING

Problem	Possible Cause(s)	Possible Solution
<b>There is no airflow.</b>	<ul style="list-style-type: none"> <li>a. The power cord is not plugged in.</li> <li>b. The water tank is not locked into the unit.</li> </ul>	<ul style="list-style-type: none"> <li>a. Check to make sure the plug is plugged into an outlet. The unit should beep twice once the power supply is connected.</li> <li>b. Make sure the water tank is locked into the back of the unit.</li> </ul>
<b>The unit does not cool at all.</b>	<ul style="list-style-type: none"> <li>a. There is insufficient water in the tank.</li> <li>b. The cooler/humidifier button was not pressed.</li> <li>c. The pump is defective.</li> </ul>	<ul style="list-style-type: none"> <li>a. Check the water level in the tank and make sure there is enough water.</li> <li>b. Press the COOLER/HUMIDIFIER button.</li> <li>c. Contact customer service if there is an issue with the water pump.</li> </ul>
<b>The unit does not sufficiently cool.</b>	The cooling pad is not sufficiently saturated with water.	If speed 3 is selected when in cooling mode, the unit will automatically revert to speed 2 for 5 minutes to allow the pad to be fully soaked. The will automatically turn to speed 3 when the pad is soaked.
<b>Water is coming out of the vents.</b>	The cooling pad may be clogged with debris.	Clean the cooling pad by rinsing it in water and allowing it to thoroughly dry. If the problem persists, contact customer service.