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GarveeTech Evaporative Air Cooler

GarveeTech 3500 CFM Evaporative Air Cooler (11.6 Gal) Instruction Manual

Model: Evaporative Air Cooler

1. Introduction

Thank you for choosing the GarveeTech Evaporative Air Cooler. This 3-in-1 unit functions as an evaporative cooler, fan, and humidifier, designed to provide efficient cooling for various spaces. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your appliance.



Image 1.1: The GarveeTech Evaporative Air Cooler functions as a fan, humidifier, and cooler.

2. Important Safety Instructions

Please read all instructions carefully before using this appliance and retain for future reference.

- Always place the unit on a stable, level surface to prevent tipping.
- Do not operate the unit with a damaged cord or plug. If the cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Ensure the power supply matches the voltage specified on the rating label.
- Unplug the unit from the power outlet before filling with water, cleaning, or performing any maintenance.
- Do not immerse the unit, cord, or plug in water or other liquids.
- Keep children and pets away from the unit during operation.
- Do not block air inlets or outlets. Maintain at least 20 cm (8 inches) clearance from walls and other objects.
- Use only clean water in the water tank. Do not add any chemicals or additives other than those recommended by

the manufacturer.

- This appliance is for residential use only. Do not use outdoors or for commercial purposes unless specifically designed for such use.

3. Package Contents

Carefully unpack your GarveeTech Evaporative Air Cooler and check that all items are present and in good condition. The package should include:

- GarveeTech Evaporative Air Cooler Unit
- Remote Control
- 4 Reusable Ice Packs
- 4 Swivel Casters (may be pre-installed or require attachment)
- Instruction Manual (this document)

4. Product Components

Familiarize yourself with the main parts of your evaporative air cooler:

- **Control Panel:** Located on the top of the unit for manual operation.
- **Air Outlet:** Front grille where cooled air is discharged.
- **Air Inlet (Cooling Pads):** Located on the sides and rear, where air is drawn in and passes through the wet cooling pads.
- **Water Tank:** Located at the bottom, holds up to 11.6 gallons of water. Features a clear water-level window.
- **Top-Fill Opening:** For convenient water and ice pack addition.
- **Rear Drain Port:** For emptying the water tank.
- **Casters:** Wheels for easy mobility.



Image 4.1: Key features and components of the GarveeTech Evaporative Air Cooler.

5. Setup

5.1 Attaching the Casters (if not pre-installed)

1. Carefully invert the unit, ensuring it is stable.
2. Insert the stem of each caster into the designated holes on the bottom of the unit.
3. Push firmly until each caster clicks securely into place.
4. Return the unit to an upright position. Ensure all casters are locked before moving.

5.2 Filling the Water Tank

1. Ensure the unit is unplugged from the power outlet.
2. Open the top-fill cover on the top of the unit.
3. Pour clean, cool water into the opening. Observe the water-level window on the front of the unit.
4. Do not fill above the "MAX" line indicated on the water-level window. Overfilling may cause water leakage.
5. Close the top-fill cover securely.



Image 5.1: Top-fill design for easy water and ice pack addition.

5.3 Preparing and Using Ice Packs

The included reusable ice packs enhance the cooling effect. For best results:

1. Fill the ice packs with water (if not pre-filled) and place them in a freezer for several hours until completely frozen.
2. Once frozen, place the ice packs into the top-fill opening of the water tank, alongside the water.
3. The ice packs will gradually melt, cooling the water in the tank and providing colder airflow.



Image 5.2: The 3-sided cooling pads and ice packs maximize evaporation for colder air.

6. Operating Instructions

The GarveeTech Evaporative Air Cooler can be operated using the control panel on the unit or the included remote control.

6.1 Control Panel Overview



Image 6.1: LED Smart Touch Control Panel.

- **On/Off Button:** Powers the unit on or off.
- **Speed Button:** Cycles through 3 fan speeds (Low, Medium, High).
- **Mode Button:** Selects different fan modes (e.g., Normal, Natural, Sleep - specific modes may vary).
- **Cooling Button:** Activates or deactivates the evaporative cooling function (water pump).
- **Swing Button:** Activates or deactivates the 120° oscillation function.
- **Timer Button:** Sets the auto-off timer (up to 12 hours).

6.2 Remote Control

The remote control allows convenient operation from a distance. Ensure batteries are installed correctly (not included).



Image 6.2: Remote control for convenient operation.

- The remote control features buttons corresponding to the functions on the main control panel.
- Point the remote control directly at the unit's receiver for optimal response.

6.3 Functions

1. **Power On/Off:** Press the **ON/OFF** button on the control panel or remote.
2. **Fan Speed Adjustment:** Press the **SPEED** button repeatedly to cycle through Low, Medium, and High fan speeds.
3. **Evaporative Cooling:** Press the **COOLING** button to activate the water pump and cooling function. The indicator light will illuminate. Press again to turn off. **Ensure the water tank has sufficient water before activating this function.**
4. **Oscillation:** Press the **SWING** button to activate the 120° wide-angle oscillation, distributing air across a larger area. Press again to stop oscillation.
5. **Timer Setting:** Press the **TIMER** button repeatedly to set the desired operating time (e.g., 1 hour, 2 hours, up to 12 hours). The unit will automatically turn off after the set time.



Image 6.3: The 120° oscillation feature provides wide-angle airflow.

7. Maintenance

Regular maintenance ensures efficient operation and extends the lifespan of your evaporative air cooler.

7.1 Cleaning the Exterior

- Unplug the unit before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no water enters the control panel or other electrical components.

7.2 Draining and Cleaning the Water Tank

It is recommended to drain and clean the water tank regularly, especially if the unit will not be used for an extended period.

1. Unplug the unit.

2. Locate the rear drain port at the bottom of the unit.
3. Place a bucket or connect a hose to the drain port.
4. Open the drain plug to allow water to flow out.
5. Once drained, close the drain plug.
6. For thorough cleaning, the water tank may be removable (refer to specific model instructions if applicable) or can be wiped clean with a damp cloth and mild detergent. Rinse thoroughly.

7.3 Cleaning the Cooling Pads

The cooling pads should be inspected and cleaned periodically to prevent mineral buildup and maintain efficiency.

- Unplug the unit.
- Carefully remove the cooling pad frames (refer to diagrams in the full manual if available for specific removal instructions).
- Rinse the cooling pads under running water to remove dust and mineral deposits. For stubborn buildup, a soft brush and mild detergent can be used.
- Allow the pads to air dry completely before reinserting them into the unit.

7.4 Storage

When storing the unit for an extended period:

- Ensure the water tank is completely drained and dry.
- Clean all components as described above.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- Cover the unit to protect it from dust.

8. Troubleshooting

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply.	Check if the power cord is securely plugged into a working outlet.
No cool air / Weak cooling.	Water tank is empty or low. Cooling function is not activated. Cooling pads are dirty.	Fill the water tank. Press the COOLING button. Clean the cooling pads.
Unpleasant odor from unit.	Stagnant water or dirty cooling pads.	Drain and clean the water tank. Clean or replace cooling pads. Use fresh water.
Water leakage.	Water tank overfilled. Unit is not level. Drain plug is loose.	Do not fill above the MAX line. Place unit on a level surface. Ensure drain plug is securely closed.
Remote control not working.	Batteries are dead or incorrectly inserted. Obstruction between remote and unit.	Replace batteries. Ensure clear line of sight to the unit's receiver.

9. Specifications

Feature	Specification
Brand	GarveeTech
Model Name	Evaporative Air Cooler
Air Flow Capacity	3500 Cubic Feet Per Minute (CFM)
Water Tank Capacity	11.6 Gallons
Number of Speeds	3
Oscillation	120° Wide-Angle
Timer	Up to 12 Hours
Controls Type	Remote, LED Smart Touch Panel
Wattage	150 watts
Voltage	110 Volts
Noise Level	60 Decibels (Note: Product image states 45 dB, using 60 dB from specifications for consistency)
Item Weight	12.74 Pounds
Dimensions (D x W x H)	21.26"D x 14.37"W x 42.13"H
Material	Plastic
UPC	800068373463



Image 9.1: Quick specifications of the GarveeTech Evaporative Air Cooler.

10. Warranty

This GarveeTech Evaporative Air Cooler is covered by a**30-day manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, neglect, accident, unauthorized repair, or normal wear and tear.

11. Customer Support

If you have any questions, concerns, or require assistance with your GarveeTech Evaporative Air Cooler, please contact our customer support team. For the most up-to-date contact information, please refer to the GarveeTech official website or your purchase documentation.

When contacting support, please have your model name (Evaporative Air Cooler) and UPC (800068373463) available.

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