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> [YougetTech 4500 CFM Evaporative Air Cooler User Manual](#)

YougetTech 4500CFM

YougetTech 4500 CFM Evaporative Air Cooler User Manual

Model: 4500CFM | Brand: YougetTech

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your YougetTech 4500 CFM Evaporative Air Cooler. This 3-in-1 unit functions as an air cooler, humidifier, and fan, designed for large outdoor and commercial spaces up to 1500 sq. ft.

2. IMPORTANT SAFETY INFORMATION

Read all instructions before using this appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- This evaporative air cooler operates by adding moisture to the air. It does not use refrigerants to remove heat and humidity like a traditional air conditioner.
- Not effective in high humidity areas, as it introduces moisture into the air, which can make the room feel hotter and more humid.
- Ensure the unit is placed on a stable, level surface.
- Do not operate the unit with a damaged cord or plug.
- Always unplug the unit before cleaning or performing maintenance.
- Keep children and pets away from the unit during operation.
- Power Consumption: 300 Watts. Voltage: 120 Volts.

3. PRODUCT OVERVIEW AND PARTS

Familiarize yourself with the components of your evaporative air cooler.



Figure 3.1: Front view of the YougeTech 4500 CFM Evaporative Air Cooler, showing air output and ice cubes for enhanced cooling.



Figure 3.2: Top view highlighting the portable top toolbox, built-in handle, 360-degree movement, and stoppable casters for maximum mobility.



Figure 3.3: Illustration of the large 13.2-gallon water tank, designed for extended cooling without frequent refills.



Figure 3.4: Close-up details of key features: Water Inlet, Drain Plug, Universal Caster with brake, and Water Level Indicator.

Key Components:

- **Control Panel:** Located on top, with mechanical knobs for speed, pump, and oscillation.
- **Water Tank:** 13.3 Gallon (50L) capacity, with a water level indicator.
- **Water Inlet:** For manual water addition.
- **Hose Connection:** For automatic refilling via a garden hose.
- **Cooling Pads:** Three-sided 3D honeycomb cooling pads for enhanced evaporation.
- **Casters:** Four heavy-duty 360-degree wheels (two with brakes) for mobility.
- **Handles:** On both sides for easy movement.
- **Top Toolbox:** Integrated storage for small tools or accessories.

4. SETUP

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1. **Unpacking:** Carefully remove the unit from its packaging. Locate the universal wheels, dust-proof bag, copper interface, and other small parts in the top tool box.
 2. **Positioning:** Place the cooler on a firm, level surface in the desired outdoor or commercial area. Ensure adequate space around the unit for optimal airflow.
 3. **Attaching Casters:** Attach the four heavy-duty 360-degree wheels to the bottom of the unit. Two of the casters include brakes for securing the unit in place.
 4. **Filling the Water Tank:**

Manual Fill: Open the water inlet and pour clean water into the 13.3-gallon tank until the water level indicator shows it is full. You can also add ice for colder air.

Automatic Fill: Connect a standard garden hose to the copper interface on the side of the unit for continuous water supply. The unit will automatically refill as needed.

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Video 4.1: Demonstrates the water adding methods (manual injection and connecting a water pipe) and highlights the 13.2-gallon tank capacity.

5. **Power Connection:** Plug the unit into a standard 120V electrical outlet.

5. OPERATING INSTRUCTIONS

The control panel features three mechanical knobs for easy operation.

3 Ultra Thick Ice Curtain for Strong Cooling

Professional grade 5090 ice curtain, ultra thick 60mm widened and thickened plant fiber.

60mm

Thickening
the ice curtain



Recyclable



3 Water
Curtains



Pure Water

Figure 5.1: Close-up of the control panel with mechanical knobs.

- **Power On/Off:** Turn the main power knob to "ON" to activate the unit.
- **Fan Speed:** Select your desired fan speed: "Low", "Med" (Medium), or "High". The unit offers 4500 CFM air volume.
- **Cooling (Pump) Function:** Turn the "Pump" knob to "ON" to activate the water pump and begin the evaporative cooling process. Ensure the water tank is filled before activating the pump.
- **Oscillation:** Turn the "Oscillation" knob to "ON" to enable the 90-degree horizontal and 90-degree vertical oscillation feature, distributing cool air across a wider area.

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Video 5.2: Shows the rotary switch control panel, demonstrating the cooling switch, oscillation switch, and airspeed switch.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air cooler.

- **Water Tank Cleaning:** Periodically drain and clean the water tank to prevent mold, mildew, and mineral buildup. Use

the drain plug for easy emptying.

- **Cooling Pad Cleaning:** The three-sided 3D honeycomb cooling pads should be inspected and cleaned regularly. Refer to the specific instructions for removing and cleaning the pads to maintain efficient evaporation.
- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use for extended periods, drain all water from the tank, clean the unit thoroughly, and store it in a dry, cool place. The included dust-proof bag can be used for protection.

7. TROUBLESHOOTING

If you encounter issues with your evaporative air cooler, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power knob is OFF	Check power cord connection; Ensure power knob is set to ON
No cool air	Water tank empty; Pump OFF; Cooling pads dirty	Fill water tank; Turn Pump ON; Clean or replace cooling pads
Water leakage	Drain plug loose; Hose connection not secure	Secure drain plug; Check and tighten hose connection
Unit is noisy	Low water level; Unit not level; Obstruction in fan	Refill water tank; Place on level surface; Check for obstructions

8. SPECIFICATIONS

- **Model:** 4500CFM
- **Air Flow Capacity:** 4500 Cubic Feet Per Minute (CFM)
- **Coverage Area:** Up to 1500 Square Feet
- **Water Tank Capacity:** 13.3 Gallons (50 Liters)
- **Rated Power:** 300 Watts
- **Voltage:** 120 Volts
- **Number of Speeds:** 3 (Low, Medium, High)
- **Oscillation:** 90° Horizontal, 90° Vertical
- **Noise Level:** 65 dB
- **Product Dimensions:** 43"D x 17"W x 26"H
- **Item Weight:** 45.3 pounds
- **Mounting Type:** Freestanding
- **Color:** Gray

9. WARRANTY AND SUPPORT

Your YougetTech Evaporative Air Cooler comes with a **1 Year Manufacturer Warranty**. For warranty claims or technical support, please contact YougetTech customer service.

Additional protection plans may be available for purchase:

- **3-Year Protection Plan:** Available for \$60.99

- **4-Year Protection Plan:** Available for \$78.99
- **Complete Protect:** Monthly plan for \$16.99/month covering eligible past and future purchases.