

Whirlpool WPEC12MW

Whirlpool 155 CFM Indoor Evaporative Air Cooler User Manual

Model: WPEC12MW

INTRODUCTION

The Whirlpool 155 CFM Indoor Evaporative Air Cooler is designed to provide efficient cooling in dry climates, offering a low-power alternative to traditional air conditioners. This portable swamp cooler is ideal for indoor spaces up to 309 square feet with open layouts and cross ventilation. It features multiple fan speeds, automatic louvers, and convenient portability for ease of use.

Key Features

- **Effective Evaporative Cooling:** 155 CFM airflow for optimal cooling in areas up to 309 sq. ft., best suited for low-humidity environments.
- **User-Friendly Controls:** LED module display panel with easy operation, including a timer function (1, 2, 4, or 8 hours) and 3 wind speeds (Hi, Medium, Low).
- **Portable Design:** Equipped with castor wheels and a handle for effortless movement between rooms.
- **Automated Functions:** Automatic oscillation for vertical and horizontal louvers, and an automatic shut-down feature after 15 hours of continuous operation.
- **Smart Memory:** Retains settings in case of unexpected power outages.
- **Clean Filter Alert:** Indicator light activates after 100 hours of cooling system usage to remind you to clean the filter.

SETUP GUIDE

Unpacking

Carefully remove the evaporative air cooler from its packaging. Inspect the unit for any signs of damage during transit. Ensure all components, including the air cooler, user manual, and warranty information, are present.

Placement

For optimal performance, place the air cooler in an area with good cross-ventilation. Evaporative coolers work best in dry climates. Position the unit near an open window or door to allow fresh air to enter and humid air to exit, preventing saturation of the air.





Figure 1: Front view of the Whirlpool Evaporative Air Cooler.

Filling the Water Tank

The unit has a 1.45-gallon reservoir capacity. To fill, locate the water tank opening, typically at the top or side of the unit. Pour clean, cool water into the tank. Do not overfill; ensure the water level remains below the maximum fill line indicated on the unit. For enhanced cooling, you may add ice packs or ice cubes to the water tank.





Figure 2: Side view, showing the water level indicator.

OPERATION

Control Panel Overview

The control panel is located on the top of the unit and features an LED module display for easy operation. It includes buttons for power, cooling, fan speed, timer, and oscillation.



Figure 3: Control Panel.

Power On/Off

Press the **ON/OFF** button to turn the unit on or off. The unit will start in the last used mode.

Cooling Function

Press the **COOL** button to activate the evaporative cooling function. Ensure the water tank is filled for this function to operate effectively.

Fan Speed Adjustment

Press the **SPEED** button repeatedly to cycle through the three available wind speeds: Low, Medium, and High.

Timer Function

Use the **TIMER** button to set an automatic shut-off time. Available intervals are 1, 2, 4, or 8 hours.

Oscillation Control

The unit features automatic oscillation for both vertical (Swing Up/Down) and horizontal (Swing Left/Right) louvers. Press the respective swing buttons to activate or deactivate the oscillation feature for wider air distribution.

Auto Shut-Off

For safety and energy conservation, the unit will automatically shut down after 15 hours of continuous running.

MAINTENANCE

Cleaning the Air Filter

The air filter should be cleaned regularly to maintain optimal performance. A 'Clean Filter Alert' light will illuminate after approximately 100 hours of use. To clean, turn off and unplug the unit. Remove the filter from the back of the unit. Rinse the filter under running water to remove dust and debris. Allow it to dry completely before reinserting. Do not operate the unit without the filter.





Figure 4: Rear view, showing the air filter access.

Draining and Cleaning the Water Tank

Regularly drain and clean the water tank to prevent mold and mildew buildup. Turn off and unplug the unit. Locate the drain plug at the bottom of the unit. Place a shallow pan or towel underneath and remove the plug to drain the water. Clean the inside of the tank with a mild detergent and water, then rinse thoroughly. Replace the drain plug securely before refilling.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord not securely plugged in.	Ensure the unit is plugged into a working electrical outlet. Check the power cord connection.

Problem	Possible Cause	Solution
No cooling effect or weak airflow	Water tank is empty; Filter is dirty; High humidity in the room; Unit not placed in a well-ventilated area.	Fill the water tank. Clean the air filter. Ensure the room has adequate cross-ventilation. Evaporative coolers are less effective in high humidity. Consider adding ice to the water tank.
Clean Filter Alert light is on	Filter needs cleaning.	Clean the air filter as described in the Maintenance section. The light should reset after cleaning.
Unusual noise or vibration	Unit not on a level surface; Obstruction in fan or water pump.	Place the unit on a flat, stable surface. Turn off and unplug the unit, then check for any obstructions.

TECHNICAL SPECIFICATIONS

Specification	Value
Brand	Whirlpool
Model Name	Whirlpool 155 CFM Indoor Evaporative Air Cooler
Model Number	WPEC12MW
Air Flow Capacity	155 Cubic Feet Per Minute (CFM)
Floor Area Coverage	Up to 309 Square Feet
Reservoir Capacity	1.45 Gallons
Power Consumption	70 Watts
Voltage	120 Volts
Amperage	0.58 Amps
Noise Level	46 dB
Number of Speeds	3
Product Dimensions (D x W x H)	14.3"D x 11.8"W x 29.6"H
Item Weight	13.95 pounds
UPC	192487072738



Figure 5: Product Dimensions.

WARRANTY AND SUPPORT

Warranty Information

This Whirlpool Evaporative Air Cooler comes with a 1-year limited warranty. Please refer to the warranty card included with your product for full terms and conditions. The warranty covers manufacturing defects and issues arising from normal use. Please note that the unit is non-serviceable beyond basic user maintenance.

Customer Support

For further assistance, product registration, or to explore other Whirlpool products, please visit the official Whirlpool Store online. You can find more information and contact details at: [Whirlpool Store](#).