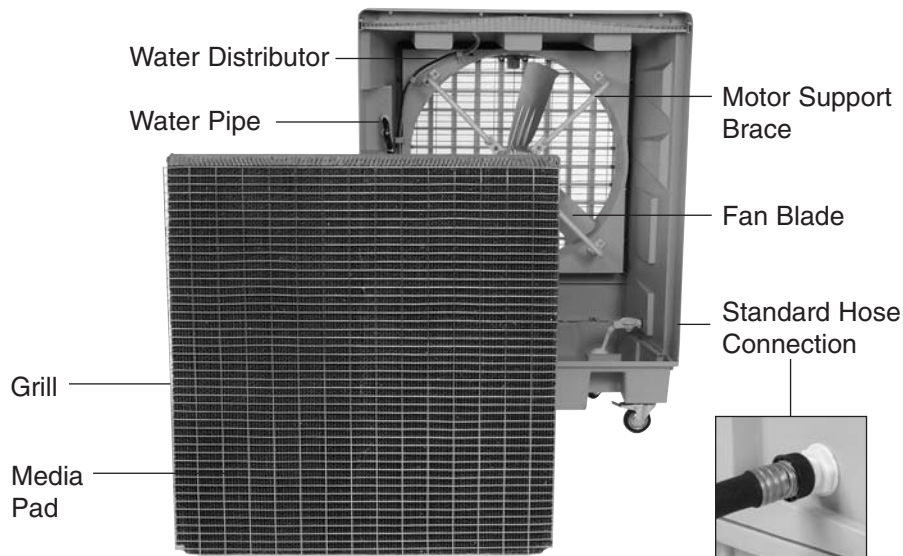
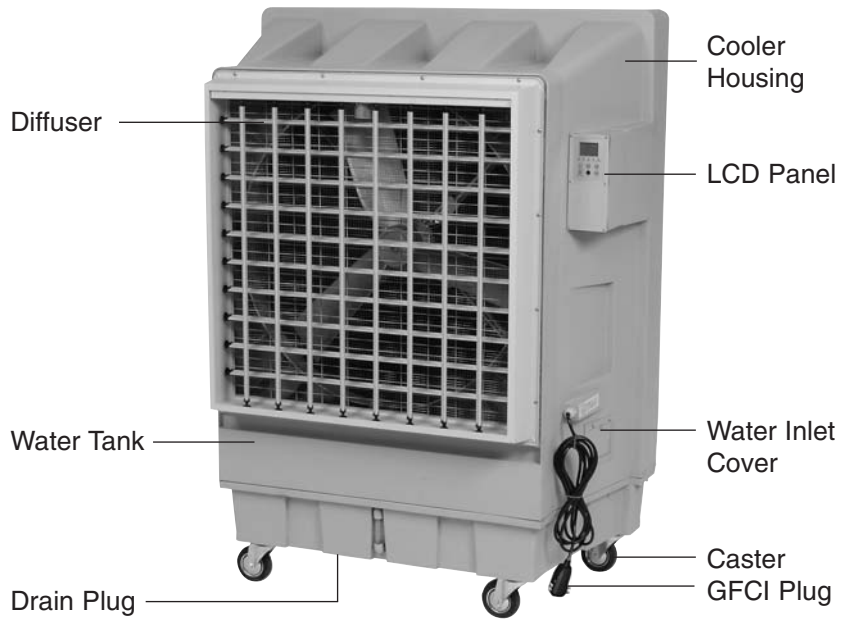


EVAPORATIVE AIR COOLER

Instruction Manual

Model 246530



EVAPORATIVE AIR COOLER – Model 246530

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Thank you for purchasing an Evaporative Air Cooler from Global Industrial.
Please Read These Instructions Carefully Before Operation.

Please note that the actual appearance of the product purchased is subject to change and may vary from the illustrations in this instructions manual due to continuous product upgrades. Although there may be slight differences between the actual product and the illustrated version, it will not in any way affect the performance of the product you purchased.

PACKAGE CONTENTS:

- 1 Evaporative Air Cooler Unit
- 1 Remote Control
- 1 Operating Instructions Manual

TROUBLESHOOTING

Malfunction	Reason	Solution
Power indicator will not light up	No Power No Power Breakers tripped Panel light is out Master Control is broken	Unit is unplugged Check reset breaker on GFCI Plug Check breaker box in building Change the panel light Change the Master Control board
Non-responsive controls	Power frequency interference Environment interference Panel is broken	Power off and on unit Remove or keep away from interference Change panel
Fan will not work or fan speed is too low	Fan does not turn Motor is burnt out Master Control is broken	Change fan Change motor Change the Master Control board
Motor does not work properly	Master Control board is broken Panel is broken	Change the Master Control board Change the panel
Drain valve leaks water	Drain valve is loose	Screw tightly
Diffuser does not work	Motor is burnt out Crankshaft is broken Crankshaft is out of position	Change motor Change crankshaft Return crankshaft to position
Fan spouts water	Water pipe has fallen off	Check the water pipe

Note: Instructions are for reference purposes only. If technical assistance is needed, please call Customer Service 800-645-2986.

TECHNICAL SPECIFICATION

Model	246530
Fan Diameter	30"
Max Airflow (CFM)	10,595
Power Supply / Frequency	115V/60Hz
Power Consumption (Watts)	850
Style	Axial
Water Consumption (G/Hr)	2.65 - 3.96
Water Capacity (Gal)	15.85
Dimension (W x D x H)	44" x 28.5" x 59"
Weight (lbs)	110
Effective Cooling Area (Sq. Ft.)	2,153 - 2,691
Media Pad Size	43"W x 4"D x 46"H

FEATURES

- Micro-computer programmed control panel with LCD display.
- 3-speed fan operation.
- Time setting function.
 - Running Time.
 - Starting Time.
- Motorized sweep to direct output airflow.
- Convenient remote control.
- Specially designed powerful 20" diameter fan.
- Thick cooling pad measures 30.5"W x 9"D x 27"H for improved heat absorption.
- 4" rubber casters with brakes.

WARNING INFORMATION

Before operating machine, please read instructions carefully.

- Operate in the following conditions:
 - 65-113°F Operating Temperature.
 - MAX with 113°F Water Temperature.
 - Area must be free from airborne pollutants and contaminant's.
 - Ventilated, open environment with fresh air supply.
 - Electric voltage must not exceed 115V +/-5V voltage.

WARNING: Low Voltage less than 110V or High Voltage greater than 120V may cause damage to motor and electronic controls.

- DO NOT use fan if power cord is damaged.
- DO NOT drive forklift, power trucks or any vehicle over power cord.
- If the product is not operating correctly, please refer to Troubleshooting Guide or contact Customer Service 800-645-2986.
- Any modification to fan will void warranty.



Control Panel



Remote Control

Battery Not Included
Uses CR2025 3V battery

CONTROL FUNCTIONS: Operate functions by pressing button on control panel.

- Power "ON/OFF" switch.
- Press "COOL" button to activate cooling function.
 - Water pump will circulate water into the cooling pad for one minute, then the fan will activate.
- Airflow Wind "SPEED" for desired airflow setting (Low / Medium / High).
- "SWING" - Motorized sweep of diffusers.
- "TIMER" button to set automatic timer. Dual Timer.
 - Timer can be set to start in x hours.
 - Timer can be set to turn off in x hours.

SET-UP

! WARNING !

Unplug fan before removing media pad. Fan can start unexpectedly due to the timer control feature.

Before operating machine, please follow the instructions listed below:

- **Add Water.**
 - Clean water must be used.
 - Use hose connection on left side (hose not included).
 - Manually add water through the water inlet opening on right side.
 - Pour water slowly to avoid water spillage and prevent risk of electric shock.
 - Fill up to "MAX" level only.
- **Plug the unit into a 115V/60Hz, single phase outlet (Check outlet for correct polarity)**
 - Power indicator will light up.
- **Note: If the power cord is damaged, it must be replaced by the manufacturer or a qualified electrician to avoid hazards.**

! WARNING !

Unit is not intended for use by children or persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use by a person responsible for their safety.

MAINTENANCE

To ensure unit releases fresh and clean air, always change the water when dirty and regularly clean the cooling pad.

- **Remove the filter by removing the screws then pressing the lock.**
 - Rinse the filter under running water to wash off dirt. DO NOT use pressure washer.
- **Pull out the cooling pad and wash both sides under running water.**
 - Note: Never use pressurized water.
 - Note: Never use liquid detergent. This may damage the pad.
- **Open the drainage valve to remove remaining water, and then clean the water tank thoroughly with a soft cloth to remove dirt.**
- **Wash off dirt from the water sensor, water pump and drainage valve.**
- **Use mild soap and soft, clean cloth when cleaning the housing and chassis.**
 - Note: Do not use strong chemicals when cleaning unit.

! WARNING !

- **Do Not Use an Extension Cord with this Fan.**
- **Check the outlet that this fan is plugged into for correct polarity before using outlet.**
- **Do not open control box compartment. No serviceable parts inside.**
- **All repairs must be done by authorized technician.**
- **Disconnect the power cord before changing media or opening fan housing.**
- **Do not modify equipment or power cord, Warranty will be voided.**
- **Test GFIC breaker on cord before each use of fan.**

This product contains chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm.

ABOUT THE PRODUCT

The Evaporative Air Cooler is a high-tech product which utilizes water evaporation and moving air to cool the air.

The cooler consists of a fan, a corrugated and fluted paper media pad and a water supply sump and water circulation system that maintains the saturation of the media. As the moisture in the moving air evaporates there is a cooling effect. The water level in the sump if manually filled can be monitored by the sight tube on the front of the housing. For constant automatic feed the water level is continuous by a float valve in the sump tank.



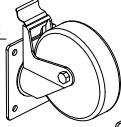
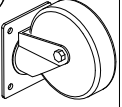
www.globalindustrial.com

1-800-645-2986

EVAPORATIVE AIR COOLER

ASSEMBLY INSTRUCTION

MODEL # 246530

CONTENTS		
REF.	QTY.	DESCRIPTION
H1	2	SWIVEL CASTER WITH LOCK 
H2	2	NON-LOCKING SWIVEL CASTER 
H3	16	