EVAPORATIVE AIR COOLER – Model 600581

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

PACKAGE CONTENTS:

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

TROUBLESHOOTING

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

Model: 600581
Fan Diameter: 36”
Max Airflow (CFM): 15,300
Power Supply / Frequency: 115V/60Hz
Power Consumption (Watts): 1100
Style: Axial
Water Consumption (G/Hr): 5.3 - 6.6
Water Capacity (Gal): 32
Dimension (W x D x H): 61” x 30” x 69”
Weight (lbs): 253.5
Media Pad Size (2x pads): 29.5”W x 8”D x 49”H
Operating Temperature: 68-122˚F
Cooling Capacity (Sq. Ft.): 2,153-3,229

FEATURES
- Micro-computer programmed control panel with LCD display.
- 3-speed fan operation.
- Time setting function.
  - Running Time.
  - Starting Time.
- Convenient remote control.
- Specially designed powerful 36” diameter fan.
- Thick cooling pads measure 29.5”W x 8”D x 49”H for improved heat absorption.
- 4” rubber casters with brakes.

WARNING INFORMATION
Before operating machine, please read instructions carefully.
- Operate in the following conditions:
  - 68-122˚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.

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).
- “TIMER” button to set automatic timer. Dual Timer.
  - 24 Hour Timer can be set to start/stop in 1 hour increments.
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 included hose connector on left side (hose not included).
  - 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.
  - 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 GFCI 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.