



GLOBAL INDUSTRIAL

User Manual

Manual de Usuario

Manual de l'Utilisateur

Customer Service
US: 1-800-645-2986

Servicio de atención al Cliente
US: 1-800-645-2986

Servicio á la Clientéle
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EVAPORATIVE AIR COOLER

Instruction Manual

Model 604152



EVAPORATIVE AIR COOLER - Model 604152

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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

48" PORTABLE EVAPORATIVE COOLER

⚠ WARNING ⚠

1. **DO NOT** Use an Extension Cord with this Fan.
2. Check the outlet that this fan is plugged into for correct polarity before using outlet.
3. Do not open control box compartment.
No serviceable parts inside.
4. All repairs must be done by an authorized technician.
5. Disconnect the power cord before changing media or opening fan housing
6. **DO NOT** modify equipment or power cord;
Warranty will be voided.
7. 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 movement 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 controlled by a float valve in the sump tank.

Model 604152

TECHNICAL SPECIFICATION

Model-----	604152
Fan Diameter-----	48"
Max Airflow (CFM)-----	35000 m ³ /h = 20615 CFM (ft ³ /min)
Power Supply/Frequency-----	115V/60Hz
Power Consumption (Watts)-----	1180
Style-----	Axial
Water Consumption (G/Hr)-----	10.5 - 13.2
Water Capacity (Gal)-----	92
Dimension (W x D x H)-----	77.55" x 36" x 89.40"
Weight (lbs)-----	401
Media Pad Size-----	71.7" W x 7.9" D x 64.6" H
Operating Temperature-----	68-122°F
Cooling Capacity (Sq. Ft.)-----	5382

FEATURES

1. Micro-Computer programmed control panel with LCD display.
2. 3-speed fan operation
3. Time setting function
Running Time
Starting Time
4. Convenient remote control.
5. Specially Designed 48" diameter fan.
6. Thick cooling pad measures 71.7"W x 7.9"D x 64.6"H for improved heat absorption.
7. 5" rubber casters with brakes.

WARNING INFORMATION

Before operating machine, Please read instructions carefully.

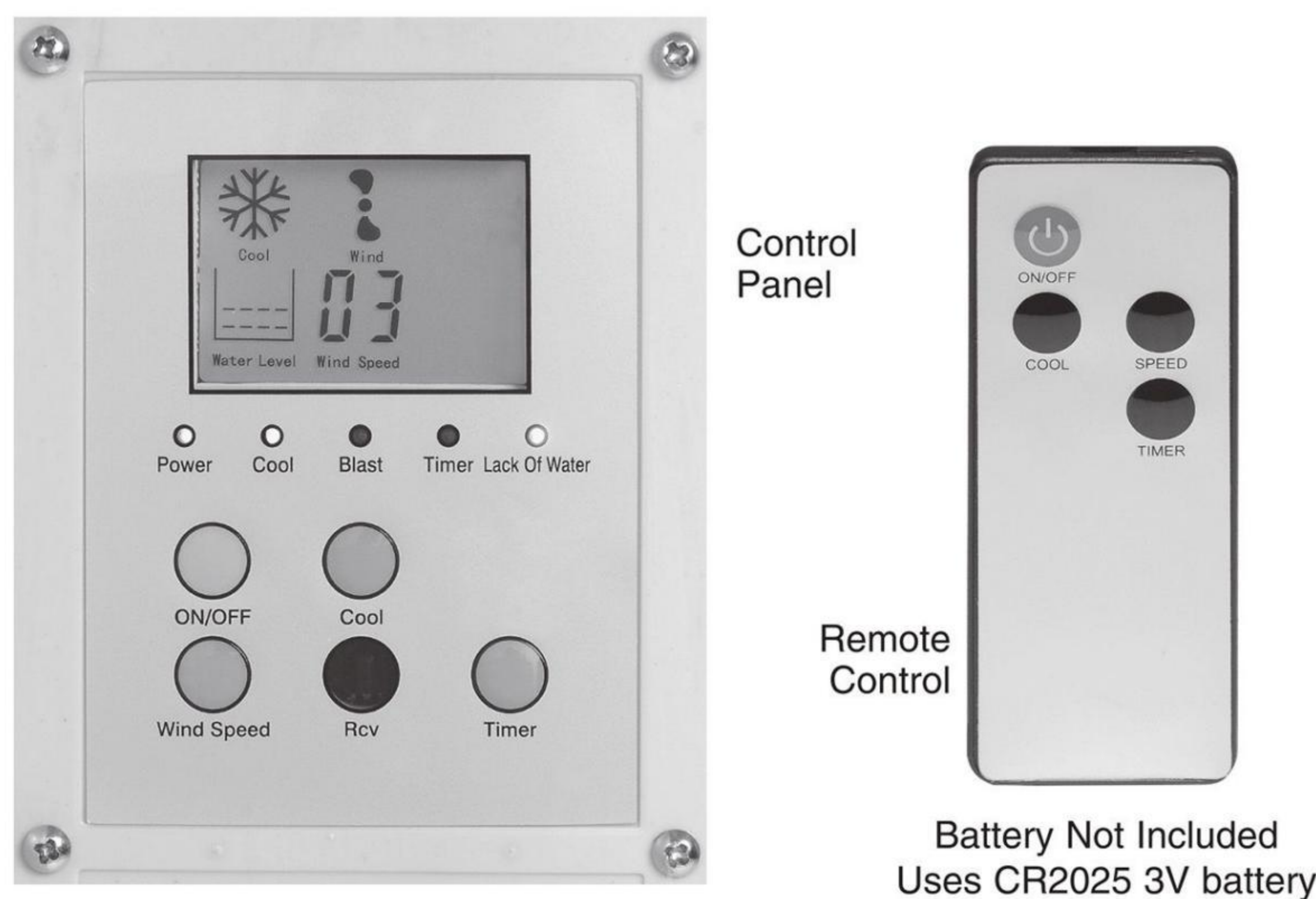
Operate in the following conditions:

1. 68-122°F Operating Temperature.
2. MAX with 113°F Water Temperature.
3. Area must be free from airborne pollutants and contaminant's.
4. Ventilated, Open environment with fresh air supply.
5. Electric voltage must not exceed 115V +/- 5V voltage.

48" PORTABLE EVAPORATIVE COOLER

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

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



CONTROL FUNCTIONS: Operate functions by pressing button on control panel

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

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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

1. Add Water.

- 1.1 Clean water must be used.
- 1.2 Use hose connection on left side (Hose not included)
- 1.3 Manually add water through the water inlet opening on right side.
- 1.4 Pour water slowly to avoid water spillage and prevent risk of electric shock.
- 1.5 Fill up to "MAX" level only.

2. Plug the unit into a 115V/60Hz, Single phase outlet (Check outlet for correct polarity)

- 2.2 Power indicator will light up.

3. **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

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

1. Remove the filter by removing the screws then pressing the lock.

- 1.1 Rinse the filter under running water to wash off dirt. DO NOT use pressure washer.

2. Pull out the cooling pad and wash both sides under running water.

- 2.1 NOTE: Never use pressurized water.
- 2.2 NOTE: Never use liquid detergent. This may damage the pad.

3. Open the drainage valve to remove remaining water, and then clean the water tank thoroughly with a soft cloth to remove dirt.

4. Wash off dirt from the water sensor, water pump, and drainage valve.

5. Use mild soap and soft, clean cloth when cleaning the housing and chassis.

- 5.1 NOTE: DO NOT Use strong chemicals when cleaning unit.

TROUBLESHOOTING

Malfunction	Reason	Solution
Power indicator will not light up	No Power Breakers Tripped	Unit is unplugged Check reset breaker on GFCI Plug Check breaker box in building
Non-responsive controls	Power frequency interference Environment interference Panel is broken.	Power off and on unit Remove or keep away from interference Change panel
Drain valve leak water	Drain valve is loose	Screw tightly
Fan spouts water	Water pipe has fallen off	Chcek the water pipe

NOTE: Instructions are for reference purposes only. If technical assistance is needed, Please call Customer service 800-645-2986

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