INSTRUCTION MANUAL
AIR COOLER

MODELS: CLAC-350, CLAC-150

Thank you for buying the AIR COOLER COLORATO. Read carefully these Instructions before using the appliance.
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Thank you for your trust, support and for choosing the Evaporative AIR COOLER COLORATO.

Take note that the appearance of the actual product that you purchased may very from the one illustrated, photographed / shown in the operation / instruction manual due to continuous product upgrade.

Although there may be slight differences between the actual product and the one used in illustration, it will not in any way affect the performance of the product you purchased.

Read this manual carefully before operating the appliance.

PACKAGE CONTENTS:

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR COOLER Unit</td>
<td>1 Unit</td>
</tr>
<tr>
<td>Remote Control Unit</td>
<td>1 Unit</td>
</tr>
<tr>
<td>Operating Instruction / Manual</td>
<td>1 pc</td>
</tr>
<tr>
<td>Protective dust cover</td>
<td>1 pc</td>
</tr>
</tbody>
</table>
BASIC PRINCIPLES

The Evaporative AIR COOLER COLORATO is a high-tech product from Europe. Its basic principle is the following: the water evaporation drives away the surrounding heat and causes the temperature to cool down.

Its working principle is that negative pressure occurs because of wind draining by exhaust fan. The air goes through wet congruent cooling pad and the motor pump continuously transport water to the pipes and cooling pad at the same time.

The AIR COOLER is a product made in accordance with the European high technology. The basic theory for reducing the heat is water evaporation that carries all the heat of the surrounding area and reduces the air’s temperature.

The water is continuously wetting the cooling pad surface evenly and the wet cooling pad angle makes the water flow to the side of the wind inlet, absorbing a certain amount of hear from the air, which cools down upon the contact with the cooling pad.

APPLICATION

The appliance can be used in outdoor and indoor areas at:

Café, restaurants, sport grounds, Bakeries, Kitchens, Playgrounds, Hospitals, Waiting Rooms, Schools, Supermarkets, Washing Rooms, Vegetable markets, Entertainment centers, Gyms, Underground Parking Lots, Parks, Warm Rooms, Stock Farms, Gardens, factories and others.
**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>PARAMETER / MODEL</th>
<th>CLAC-150</th>
<th>CLAC-350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Airflow (m³/h)</td>
<td>1500</td>
<td>3500</td>
</tr>
<tr>
<td>Power Supply / Frequency (V/Hz)</td>
<td>220/50</td>
<td>220/5</td>
</tr>
<tr>
<td>Power Consumption (W)</td>
<td>170</td>
<td>280</td>
</tr>
<tr>
<td>Style</td>
<td>Centrifugal</td>
<td>Centrifugal</td>
</tr>
<tr>
<td>Water Consumption (L/H)</td>
<td>1.8 ~2.5</td>
<td>3~4</td>
</tr>
<tr>
<td>Water Capacity (L)</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>Dimensions (L x W x H) (mm)</td>
<td>540 x 410 x 1115</td>
<td>620 x 440 x 1170</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>17</td>
<td>23</td>
</tr>
<tr>
<td>Effective Area (m²)</td>
<td>10~20</td>
<td>20~40</td>
</tr>
<tr>
<td>Work Electric Current (A)</td>
<td>0.75</td>
<td>1.45</td>
</tr>
</tbody>
</table>

**SPECIAL FEATURES**

- New evaporative cooling pad, energy saving and environment friendly.
- Big capacity water tank for more operating hours.
- Optimizing air quality through silent wind.
- Truckle/ Wheel with brake for easy transport.
- Tri-dimension circle wind, more comfortable.
- Micro-computer Programme Control, Clear and Luxury LCD Panel.
- Time setting function.
- More evident drop of temperature and Increase of the humidity effect.
- More convenient with remote control.
- The unattached function keeps the humidity off and provides a fresh feeling in dry environment.
- 3 Levels Wind Speed (Low, Med & High).
- Equipped with IONIZER, releases fresh air.
- 3 Modes (Normal, Sleep and Natural).
ADDED FEATURES

The Evaporative Air Cooler COLORATO has these added advantages and other special features:

1. Specially designed powerful blade and waterproof fan motor.
2. With thicker and bigger cooling pad for better heat absorption.
3. Multilayered congruent wave and fiber cooling pad that makes the water cold.
4. With other special construction and Styrofoam for maintaining and processing coolness.
5. Equipped with NANO processor to eliminate bacteria and unwanted odors.

IMPORTANT REMINDERS

Before using the appliance, read the guide book carefully and operate according to the instructions.

A. Use the machine in the following conditions:
   - Temperature: 18°C~45°C
   - Water Temperature: <45°C
   - The electric voltage must not exceed the required volt (+/-) 5%
   - No pollution of surrounding

B. The circuit of the machine must be properly connected and protected to prevent mouse bites. If trampled or over-stretched may cause short circuits. The use of wrong electric voltage or wrong socket will cause danger of electric shock.

Γ. Do not use wrong circuit or other wire metal made of other materials which may cause machine malfunction or explosion.

Δ. If the product is not operating well or has any unusual malfunction, inform the distributor or dealer where you bought the unit.
**CAUTION**

Use it in the following conditions:

1. Environment temperature: 18°C -- 45°C
2. Environment relative humidity: ≤85%
3. The supplied water should be softened and its temperature ≤45°C
4. The voltage error is limited at ±5% of the rated voltage

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The wiring should be correct and solid to prevent any damage by mouse. Also avoid heavy impact, stretch and changing the power supply or control wire randomly is not allowed.

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Keep away from fire during transportation installation and operation.

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If abnormality occurred during transportation, contact your supplier.

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Don’t use wrong fuse or other line as it may cause malfunction on the unit or and fire accident.

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**WARNING:**

Users may pay enough attention to the above items otherwise if any fortuitous accident occurs our company shall not be held responsible.

The manufacturer is not responsible for problems caused by non compliance with above measures and for repairs made by un-authorized technicians.

Use the machine in accordance to the instruction of the guide book. For any malfunction due to incorrect use, the dealer/manufacturer will not be held responsible.
CONTROL FUNCTIONS

- **ON/OFF**
  - Press to turn the unit “ON” or “OFF”

- **COOL**
  - Press to turn the COOL function “ON” or “OFF”. Pressing repeatedly also cycles to different functions.

- **SPEED**
  - Press to select the desired fan speed (Low, Med, High)

- **SWING**
  - Press to turn Swing function

- **MODE**
  - Press to turn Normal, Nature or Sleep Mode function “ON” or “OFF”
    - *NORMAL Mode*
      - Fan Speed can be set manually
    - *NATURE Mode*
      - Fan Speed automatically adjusts from “HIGH”, “MED” or “LOW”
    - *SLEEP Mode*
      - When setting mode “SLEEP” from “HIGH” fan speed, after half hour the machine will run on “MED” fan speed and after half hour again. It always keeps on “LOW” fan speed without changing.

- **ION**
  - Press to turn Anion Air-Cleaner function ‘ON” or “OFF”

- **TIME**
  - Timer

- **LCD**
  - When connecting the power supply, the LCD light will light for 30 seconds and then will turn off.
  - Apart from the LCD button, press any other button to light for 30 seconds and then will turn off.
  - When the LCD lights, press the LCD button and it will turn off. When the LCD is off, press the LCD button and it will turn off again.
CONTROL FUNCTIONS

1. Add water
   - Clean water must be used
   - Pour water on the left side (water inlet) of the unit slowly to avoid water spillage and prevent the risk of electric shock.
   - Fill up to “MAX” level only as it may overflow.

2. Plug the unit (220 Volt/ 50 Hz, Single Phase). The power indicator icon will light up.

3. Press ON/OFF switch.

4. Press “COOL” button to activate cooling function.

5. Press “SPEED” for desired speed (Low, Medium, High).

6. Press “SWING” if desired.

7. Press “ANION” to activate air-cleaning (ionizing) function.

8. Press “MODE” button to toggle between NORMAL mode, NATURE mode and SLEEP mode. NORMAL mode (Fan speed can be set manually to Low, Med or High), NATURE mode (Fan speed automatically adjusts random from “MED” and “LOW”) and SLEEP mode (When setting mode “SLEEP” from “HIGH” fan speed, after half hour the machine run on “MED” fan speed and after half hour again. It always keeps on “LOW” fan speed without changing).

9. Press “TIMER” to activate timer function.

10. Press “LCD” to activate the LCD function.

-1- When connecting the power supply, the LCD light will light for 30 seconds and then will turn off.
-2- Apart from the LCD button, press any other button to light for 30 seconds and then will turn off.
-3- When the LCD lights, press the LCD button and it will turn off. When the LCD is off, press the LCD button and it will turn off again.

WARNING:

1. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid danger.

2. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are being supervised or have been given instructions concerning the use of the appliance by a person responsible for their safety.

3. Children should be supervised to ensure that they do not play with the appliance.
ΕΙΚΟΝΟΓΡΑΦΗΣΗ ΕΞΩΤΕΡΙΚΩΝ ΜΕΡΩΝ

CLAC-150

CLAC-350
NOTE:
TO ENSURE THAT THE UNIT RELEASES FRESH AND CLEAN AIR, ALWAYS CHANGE THE WATER WHEN IT IS DIRTY AND REGULARLY CLEAN THE FILTER AND THE COOLING PAD.

1. Remove the filter net by removing the screw then press the lock. Rinse under running water to wash off dirt. **NEVER USE PRESSURIZED WATER.**
2. Pull-out the Cooling Pad. Wash the cooling pad under running water but **NEVER USE PRESSURIZED WATER** as it may damage the pad. Wash from inner side to the outside of pad (inner side is the side facing the fan motor). **NEVER USE ANY LIQUID CLEANER DETERGENT** as it may damage the pad.
3. Open the drainage valve to remove the remaining water and then clean the water tank thoroughly with soft cloth to remove dirt. Also, wash off the dirt on the water sensor, water pump and the drainage valve.
4. Use mild soap and soft clean cloth for cleaning the outer body/chassis. **IT IS NOT ADVISABLE TO USE STRONG CHEMICALS AS IT MAY CAUSE DAMAGE TO THE BODY.**
<table>
<thead>
<tr>
<th>Malfunction</th>
<th>Reasons</th>
<th>Remedy/Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The indicator doesn’t light</td>
<td>- No power &lt;br&gt;- The master control goes wrong &lt;br&gt;- The fuse is burnt &lt;br&gt;- The panel goes wrong</td>
<td>- Check the circuit &lt;br&gt;- Change the master control board &lt;br&gt;- Change the fuse &lt;br&gt;- Change the panel</td>
</tr>
<tr>
<td>- Out of control</td>
<td>- Interfered by power &lt;br&gt;- Interfered by environment &lt;br&gt;- The panel goes wrong</td>
<td>- Power Off &lt;br&gt;- Remove or keep away from interference &lt;br&gt;- Change the panel</td>
</tr>
<tr>
<td>- The display is normal but without wind or the wind speed is too low</td>
<td>- The fan gets stuck &lt;br&gt;- The water screen or dust net is blocked &lt;br&gt;- The fan is distorted &lt;br&gt;- The master control board goes wrong</td>
<td>- Check the machine fixing hoop and fan &lt;br&gt;- Clean/change the water screen or the dust net &lt;br&gt;- Change the fan &lt;br&gt;- Change the master control board</td>
</tr>
<tr>
<td>- The motor is out of control</td>
<td>- The master control board goes wrong &lt;br&gt;- The panel goes wrong</td>
<td>- Change the master control board &lt;br&gt;- Change the panel</td>
</tr>
<tr>
<td>- Water leak at the drainage valve</td>
<td>- The induction valve is damaged &lt;br&gt;- The draining valve is damaged &lt;br&gt;- The master control board goes wrong</td>
<td>- Change the induction valve &lt;br&gt;- Change the draining valve &lt;br&gt;- Change the master control board</td>
</tr>
</tbody>
</table>

**NOTE:** This instruction chart is for references purposes only. If any technical assistance is needed, call supplier’s qualified service center.
HEALTHY AND COMFORTABLE FUNCTION

ENERGY SAVING & ENVIRONMENTAL FRIENDLY