



**OWNER'S MANUAL**

**AIR COOLER *with*  
PURIFIER**

**MODEL:  
KEA-4512V6BRAC**



 **Kolin Philippines International, Inc.**

Please read this owner's manual before operation and retain it for future reference.



# TABLE OF CONTENTS

<b>INTRODUCTION: OVERVIEW OF THE PRODUCTS.....</b>	<b>2</b>
<b>SAFETY PRECAUTIONS.....</b>	<b>3</b>
<b>STRUCTURE DIAGRAM.....</b>	<b>6</b>
<b>CIRCUIT DIAGRAM.....</b>	<b>7</b>
<b>PRODUCT SPECIFICATIONS.....</b>	<b>7</b>
<b>INSTALLATION AND OPERATION.....</b>	<b>8</b>
• Assembly Instructions.....	8
• Caster Wheels Installations.....	9
• Water Tank Filling.....	9
• Buttons and Functions.....	10
<b>CARE AND MAINTENANCE.....</b>	<b>12</b>
• Cleaning the Filter (Dust Filter).....	12
• Cleaning the Cooling Pad (Honeycomb Filter).....	12
• Cleaning the Water Tank.....	13
• Storage and Maintenance.....	13
<b>TROUBLESHOOTING.....</b>	<b>14</b>

Please carefully read and retain this manual for future reference. This manual has undergone thorough verification, but in the event of any misprints or misleading information, we reserve the right to provide the correct interpretation. Additionally, please note that our products are subject to continuous updates, which may include changes in technology, appearance, color, etc., without prior notice. The actual product and its nameplate will always take precedence. If there is any discrepancy between the illustrations, diagrams, or images in this manual and the actual product, the actual product and its nameplate shall prevail — please refer to the actual product. Any changes will be reflected in the updated version of the manual.

## INTRODUCTION: OVERVIEW OF THE PRODUCT

Thank you for choosing our **Air Cooler with Purifier**. This user manual is designed to provide you with all the information you need to use and maintain your air cooler properly. Before operating your air cooler, please read this manual carefully to ensure that you get the most out of your new appliance. Our air cooler is an innovative solution for indoor cooling needs. It uses the natural process of evaporation to cool the surrounding air, making it an energy-efficient and eco-friendly alternative to traditional air conditioning. Our air cooler is perfect for use in homes, offices, workshops, and other room that is applicable to its size of 40 to 60 sqm.

**Some of the features and functions of our Air Cooler with Purifier are:**



### Natural Cooling

- Provides cool air through physical refrigeration and high air volume, ideal for hot days.



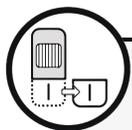
### Ionizer

- Releases negative ions to improve sleep, support health, and sterilize air.



### LED Display & Touch Panel

- Digital controls with adjustable airflow, fan speeds, and sleep mode.



### Detachable Water Tank

- Easy to remove, clean, and maintain to prevent bacteria.



### 24-Hour Timer Shutdown

- Can be set and turns the unit off automatically from up to 24 hours.



### Remote Control

- Works up to 6.5m away from the unit for convenience.



### Clean & Fresh Air

- Honeycomb water filter removes harmful gases, smoke, and odors. (Change water every 48 hours.)



### Eco-Friendly Cooling

- Uses little energy, no harmful refrigerants, and can complement an AC.



### Water Shortage Detection

- Alerts when water level is low to continuously provide normal airflow.



### Memory Function

- Saves previous settings when power is turned off.



### Temperature Display

- Shows the current temperature at the air outlet in real time.



### Touch Buttons with Beep

- Easy operation with feedback sound.

# SAFETY PRECAUTIONS

## Read Safety Precautions Before Operation

To ensure safe and proper use of your air cooler, carefully read and follow these instructions before operation. Failure to comply may result in electric shock, fire, injury, or damage to the appliance. Keep this manual for future reference.

The seriousness of potential damage or injury is classified as either a **WARNING** or **CAUTION**.



**WARNING**

Your personal and property safety is of utmost importance. To minimize the risk of property damage and personal injury or death, it is crucial to follow the safety guidelines provided in this manual. Make sure to read and understand the manual before operating the product. Neglecting these instructions can lead to complications and undesirable consequences. Prioritize a thorough understanding of the manual for a smooth and safe user experience.



**CAUTION**

These precautions pertain to installation, use, and maintenance.



**DO NOT**

This symbol indicates actions that must never be performed.

### **WARNING**

This appliance can be used by children aged 8 years and older, as well as individuals with reduced physical, sensory, or mental abilities, or those lacking experience and knowledge, provided they have received supervision or instruction on how to use the appliance safely and understand the potential hazards. Children must not play with the appliance. Cleaning and maintenance should not be performed by children without supervision.

This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or those lacking experience and knowledge, unless they have received proper supervision or instruction from a responsible individual. Children should be supervised to prevent them from playing with the appliance.

### **WARNING**

- Before plugging in the air cooler, carefully check the power cord for any damage. If the cord is damaged, do not use the unit. Contact an authorized service center for repair or replacement.
- Always operate the air cooler from a properly grounded power source that matches the specified voltage, frequency, and rating indicated on the product label.
- Keep the unit away from children and pets. Children should be supervised at all times when the unit is in use.
- Do not use the air cooler if it has been dropped, damaged, or exposed to extreme temperatures.

- Keep the unit away from water and other liquids to avoid electric shock.
- Do not operate the unit with wet hands.
- If the air cooler is overturned and water spills, unplug it immediately. Restart only after it has been thoroughly dried.
- Always unplug the air cooler before cleaning, maintenance, or when not in use.
- Do not attempt to repair or disassemble the unit yourself. Repairs must only be performed by certified professionals. Unauthorized repairs will void the warranty and may cause safety hazards.
- This appliance must not be used outdoors or in environments with flammable or explosive gases.

### **CAUTION**

- After filling the water tank, do not tilt, overturn, or move the unit in a way that may cause water to overflow.
- Water level must always remain between the MIN and MAX markings on the tank.
- Do not place the unit near curtains, furniture, or walls. Maintain at least 1 meter of clearance at the air inlet and outlet to prevent airflow blockage.
- Do not place any objects on top of the unit or cover its vents while operating.
- Avoid placing the air cooler near heat sources, direct sunlight, or open flames.
- When moving the unit, always disconnect it from the power supply first.
- Use only clean water. Replace water in the tank regularly to prevent odor or bacterial growth. If the indoor temperature is below freezing, use warm water for humidification.
- Clean the unit only with a damp cloth. Do not flush with water directly.

### **DO NOT!**

- **Do not** insert fingers, hands, or foreign objects into the air inlet or outlet. The fan blades move at high speed and may cause injury.
- **Do not** flush the unit directly with water. Clean only with a damp cloth.
- **Do not** place the unit in bathrooms, laundry rooms, swimming pool areas, or similar damp environments.
- **Do not** use hot water, scented oils, or chemical additives in the water tank. Use clean, cool water only.
- **Do not** use the unit if it is damaged, dropped, or producing unusual sounds or odors.
- **Do not** pull on the power cord to unplug the unit. Always grasp the plug firmly.
- **Do not** store or operate the air cooler near combustible or explosive materials.

### **IMPORTANT NOTE!**

- This appliance is intended for indoor use only in residential or light commercial environments such as homes, offices, hotel rooms, farmhouses, and similar spaces.
- Always follow local electrical safety codes when using the appliance.

## DISPOSAL GUIDELINES

This marking shown on the product or its literature, indicates that waste electrical and electronic equipment should not be mixed with general household waste.



### ***Correct Disposal of This Product (Waste Electrical & Electronic Equipment)***



Do not dispose this unit with regular household waste. This appliance contains electrical components that must be handled in accordance with local regulations on electronic waste. Please contact your local waste management authority or an authorized recycling facility for proper disposal. Improper disposal may harm the environment or pose safety risks.

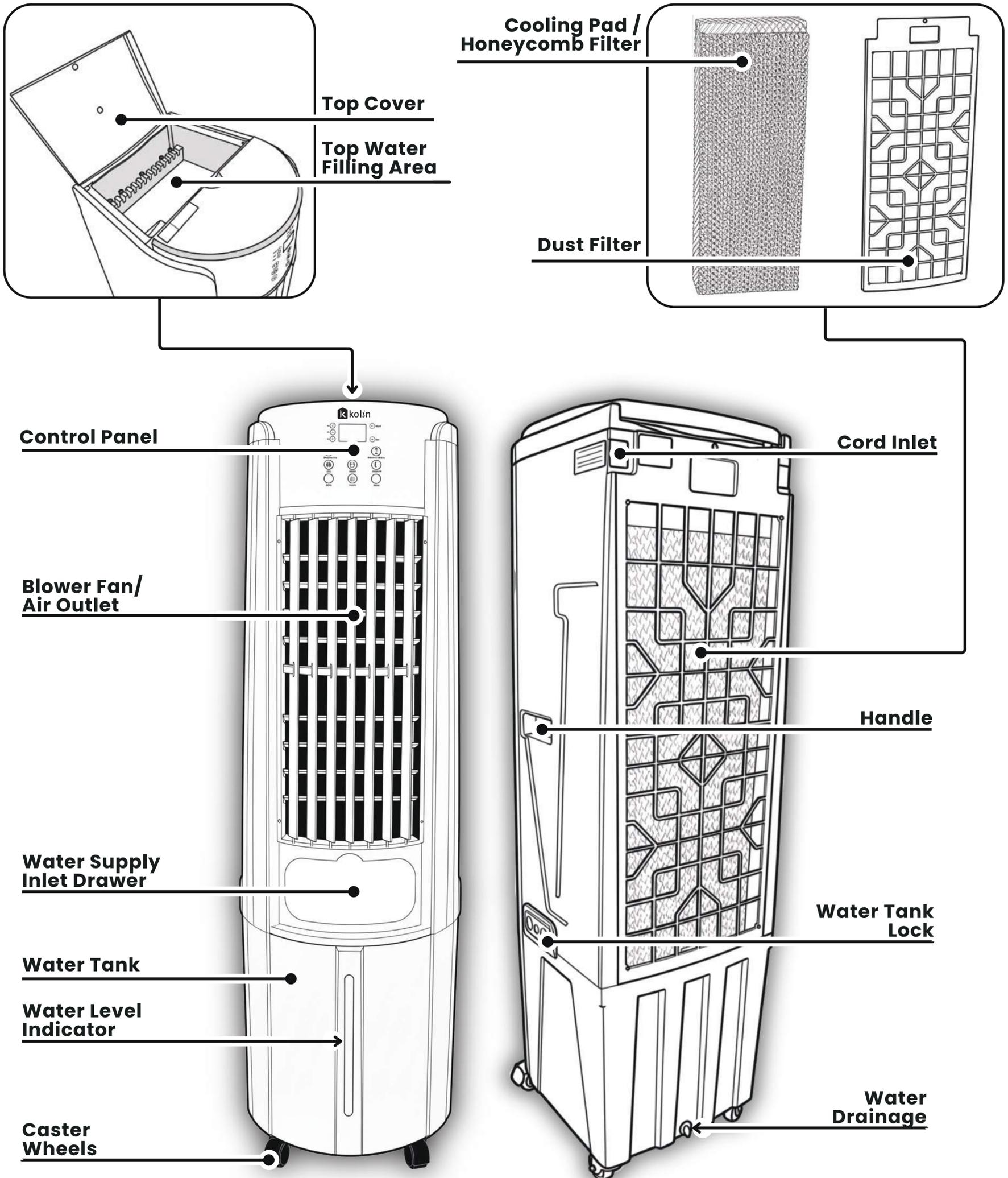
The packaging materials are recyclable. Please dispose of them in an environmentally responsible way by using your local recycling or waste collection services.

- Dispose of the appliance at designated municipal electronic waste collection facility.
- The manufacturer will take back the old appliance free of charge.
- Sell the appliance to certified scrap metal dealers.

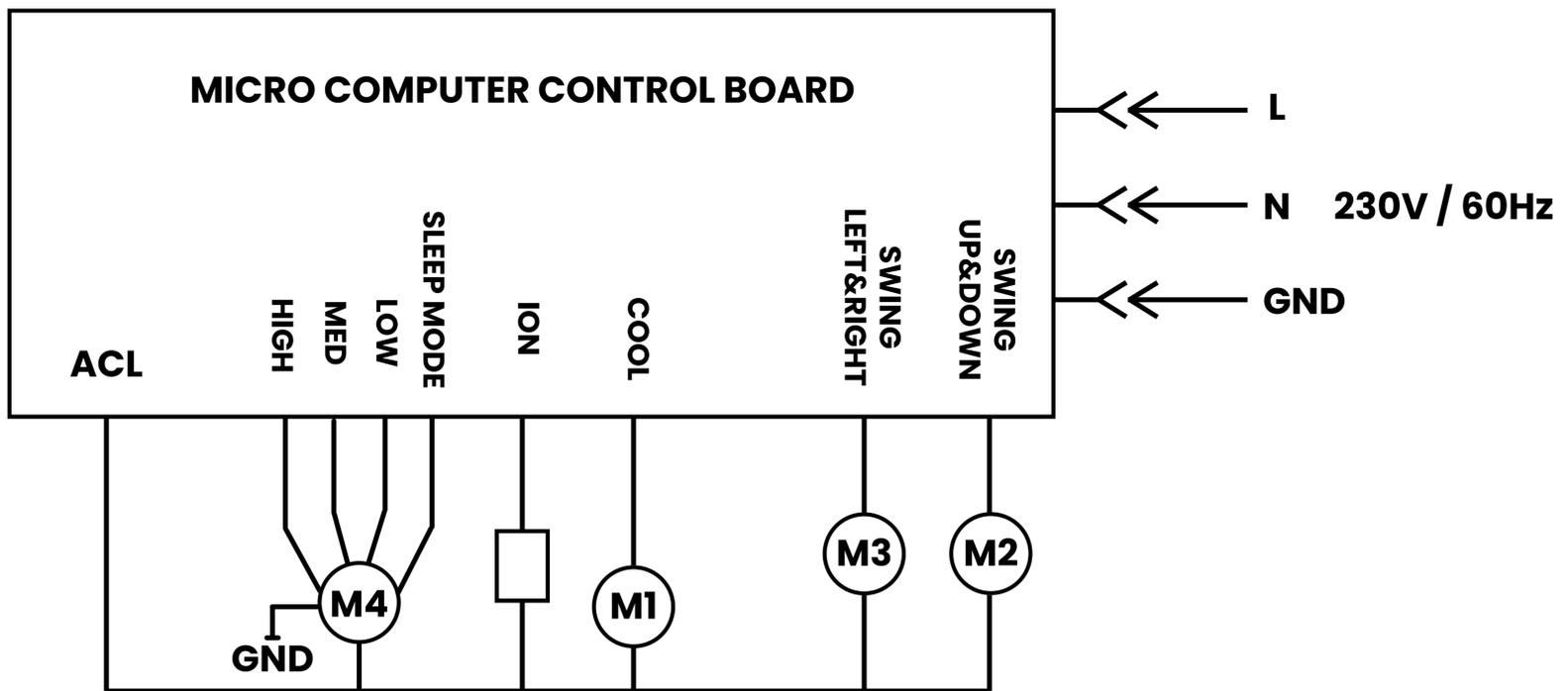
### **SPECIAL NOTICE**

Disposing of this appliance in the forest or other natural surroundings endangers your health and is bad for the environment. Hazardous substances may leak into the ground water and enter the food chain.

# STRUCTURE DIAGRAM



## CIRCUIT DIAGRAM



## PRODUCT SPECIFICATIONS

<b>KEA-4512V6BRAC</b>	
Power Supply	<b>1Ph / 230V / 60 Hz</b>
Power Input	<b>180 W</b>
Rated Power/Current	<b>220 W / 0.95 A</b>
Max Water Tank Capacity	<b>45 Liters</b>
Application Area	<b>40 - 60 m<sup>2</sup></b>
Sound Pressure Level (Hi/Lo)	<b>69 / 62 dB (A)</b>
Unit Weight	<b>14.0 kg</b>
Unit Dimension (W x D x H)	<b>450 x 380 x 1250 mm</b>
Climate	<b>T</b>

\*Specifications are subject to change without notice for product improvement purposes.

\*\*Rated power is determined from the measured maximum power, including oscillations.

# INSTALLATION AND OPERATION

## IMPORTANT

Ensure that you have read all the safety warnings before operating this unit for the first time.

- Use on a **stable, flat surface** to prevent tipping or falling.
- Do not insert fingers or objects into the fan grille while in use.
- Unplug the fan when not in use, during cleaning, or when moving it.
- Keep away from curtains, walls, and heat sources to ensure proper airflow and prevent overheating.
- Do not operate with a damaged cord or plug.
- Use only as intended and follow the user manual instructions.
- Keep out of reach of children unless supervised.

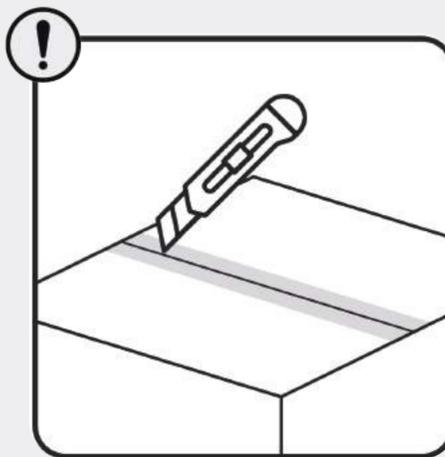
## ASSEMBLY INSTRUCTIONS

Before operating the unit, ensure that all parts are correctly installed and free from defects.

The proper assembly procedure is as follows:

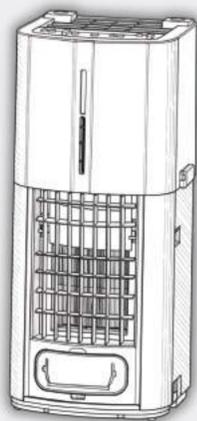
### 1 Unpacking the Unit

- Remove the packaging straps and sealing tapes, then open the carton flaps.
- Take out all accessories from the box and set them aside.
- Carefully lift the unit out of the carton and place it on a flat, stable surface.



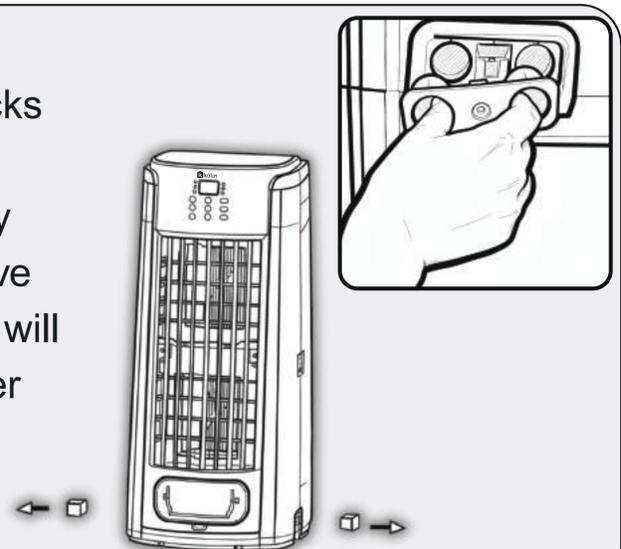
### 2 Initial Setup

- Once unpacked, the unit should appear as shown. Make sure all parts are included before proceeding.



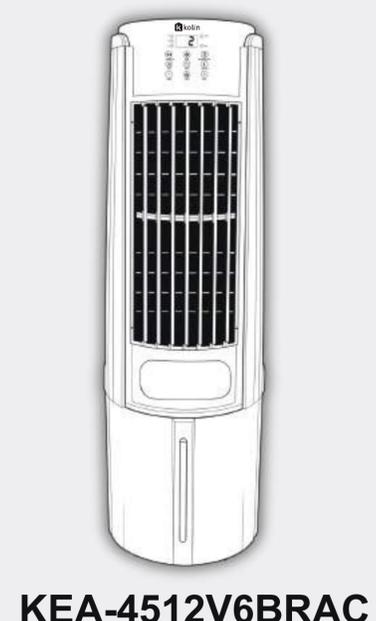
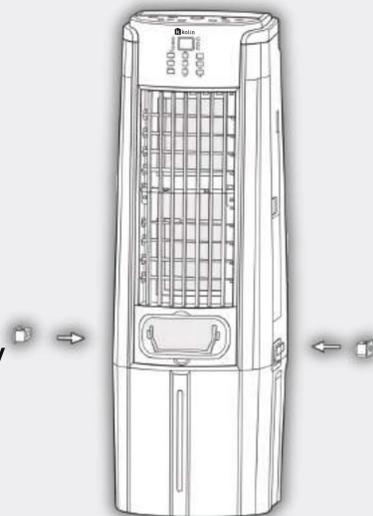
### 3 Removing the Locks

- Locate the two locks on the unit, as highlighted. Gently release and remove both locks. These will be used again later for securing the machine.



### 4 Mounting the Machine on the Water Tank

- Place the machine securely on top of the water tank, ensuring that it is aligned properly.
- Once positioned, reinsert the locks into their designated slots as demonstrated. This will firmly attach the machine to the water tank and prevent it from moving during use.



KEA-4512V6BRAC

## CASTER WHEELS INSTALLATION

- For added convenience, you may attach the caster wheels at the bottom of the water tank.
- Align each caster wheel with the designated holes and gently push them into place.
- Make sure to install the casters with brakes on the front holes.



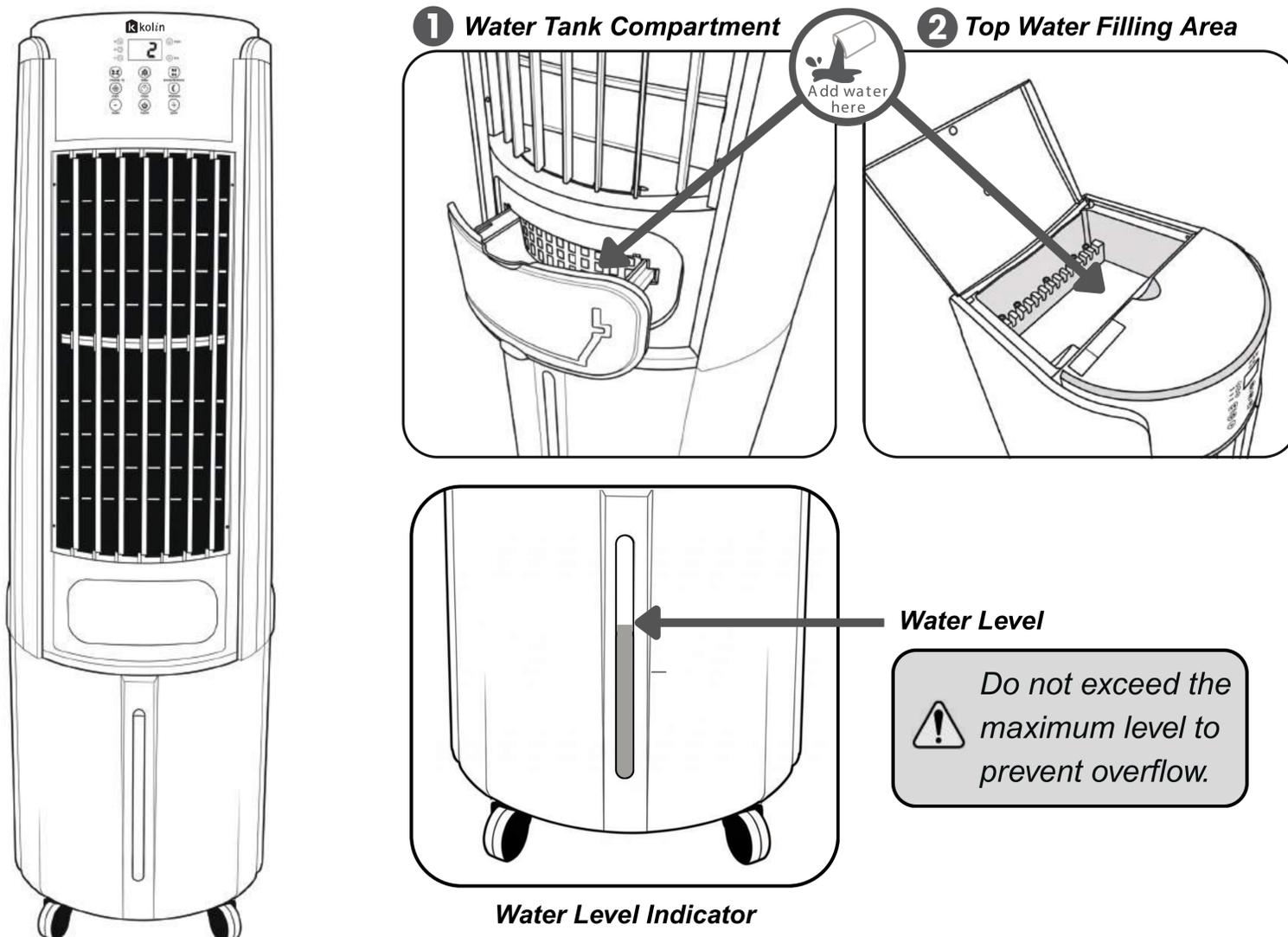
### CAUTION

- Caster wheels are provided as accessories for the air cooler.
- The use of caster wheels is intended mainly for moving the unit from one place to another. These are not recommended for use during normal operation, especially when the water tank is full or the unit is running at high speed, as the appliance may tilt or tumble if the casters are installed in such conditions.
- Always place the unit on a flat and stable surface, and avoid positioning it on sloping or uneven ground to prevent movement or instability.

## WATER TANK FILLING

1. Ensure the unit is turned OFF and unplugged before filling.
2. Locate the water tank and open the tank cover or cap.
3. Pour clean, cool water into the tank until it reaches the MAX water level mark.
4. Close the tank cover securely after filling.
5. Plug in the unit and turn it on to begin operation.

There are 2 ways to fill in the water tank:



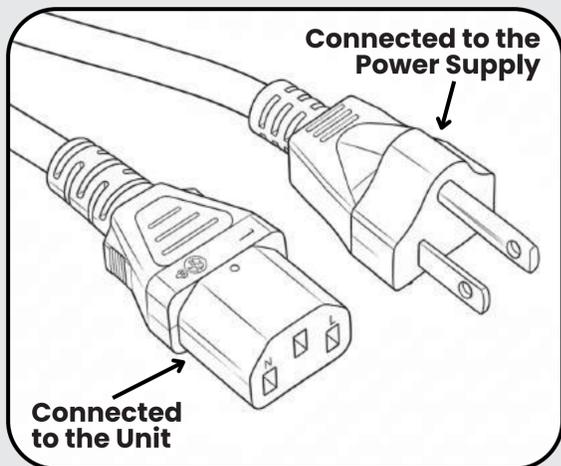
**Note:** When filling the unit with water, be careful to avoid spilling on important electronic and electrical parts, as this may cause damage. Do not fill the Top Water Filling Area while the unit is turned on, and always keep the top cover closed to prevent accidents.



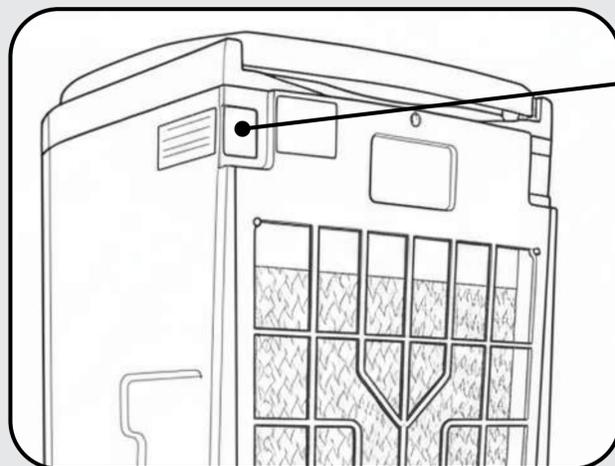
### Tip for Extra Cooling

- You may add ice packs or ice tubes into the water tank to achieve stronger cooling performance.
- Be careful not to overfill the tank to avoid water overflow.
- Ensure the cooling pad and air inlet grill cover are properly secured before operating the unit.

**Before operating the unit make sure that the power cord is connected to the unit:**



POWER PLUG

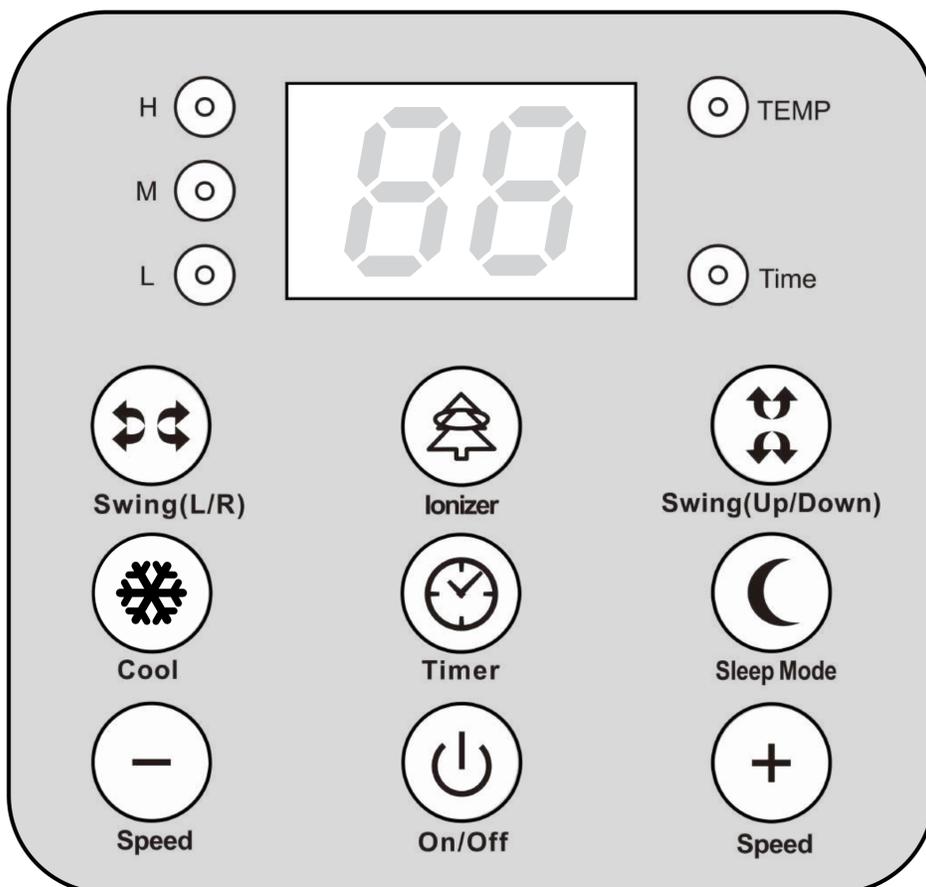


UNIT

Insert the Power Cord to the Cord Inlet

*\*Note: Check the power plug for any damage before plugging in to prevent accidents.*

## BUTTONS AND FUNCTIONS



CONTROL PANEL



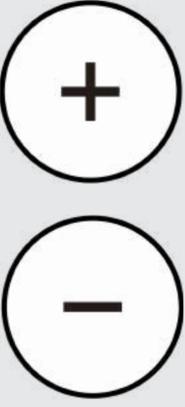
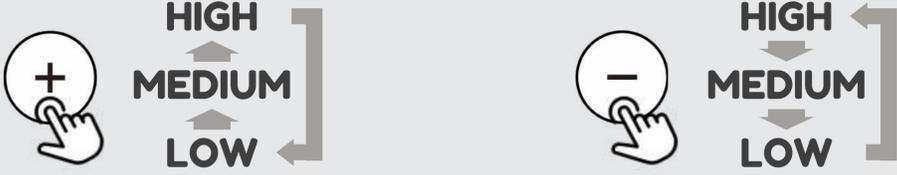
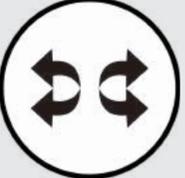
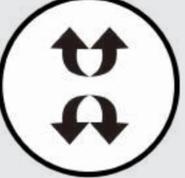
REMOTE CONTROL



### POWER BUTTON:

- Press to turn the unit ON or OFF.
- When turned ON, the **display shows the current temperature** and the **fan starts at low speed**.
- If the unit is switched off while in Cooling Mode, the fan will keep running for 15 minutes to dry the filter before shutting down automatically.

*Note: Keeping the honeycomb filter wet for a long time may cause bacteria growth.*

	<p><b>SPEED:</b></p> <ul style="list-style-type: none"> <li>Press the SPEED button to select the fan speed setting. Then use the “+” or “-” button to adjust to the desired fan speed level.</li> </ul> <div style="text-align: center;">  </div> <ul style="list-style-type: none"> <li>The indicator light will show the selected speed.</li> </ul>
	<p><b>SLEEP MODE</b></p> <ul style="list-style-type: none"> <li>This function works independently from other modes.</li> <li>Press the button while the unit is running to activate Sleep Mode.</li> <li>The fan speed will automatically adjust down to a level below the Low Speed setting.</li> <li>The indicator light will turn on when the function is active.</li> <li>When Sleep Mode is turned off, the fan speed will revert to the previous setting used before Sleep Mode was activated.</li> </ul> <p><i>Note: After 3 minutes, the indicator light will dim. In this mode, the water shortage alarm will not be triggered.</i></p>
	<p><b>IONIZER:</b></p> <ul style="list-style-type: none"> <li>Press to release negative ions into the air, improving air freshness.</li> <li>The ionizer indicator light turns on when active.</li> </ul>
	<p><b>SWING (L/R):</b></p> <ul style="list-style-type: none"> <li>Press this button to activate the automatic left-and-right louver swing function of the unit.</li> <li>The indicator light will turn on when the function is activated.</li> </ul>
	<p><b>SWING (Up/Down):</b></p> <ul style="list-style-type: none"> <li>Press this button to activate the automatic up and down louver swing function of the unit.</li> <li>The indicator light will turn on when the function is activated.</li> </ul>
	<p><b>COOL:</b></p> <ul style="list-style-type: none"> <li>Press to turn the cooling function on or off.</li> <li>When activated, the water pump will start and the fan will briefly run in sleep mode speed for 30 seconds, then adjust to the selected speed.</li> </ul> <p><i>Indicator lights:</i></p> <ul style="list-style-type: none"> <li><b>Cool Indicator</b> – shows when cooling is active.</li> <li><b>E3 Reminder</b> – appears after 200 hours of use (cleaning reminder). To reset, hold the COOL button for 3 seconds.</li> </ul>
	<p><b>TIMER:</b></p> <ul style="list-style-type: none"> <li>Press this button to set the desired automatic shutdown time.</li> <li>Each press increases the timer setting by 1 hour.</li> <li>The cycle is as follows: 0 → 1 → 2 → 3 → ... → 23 → 24 → 0.</li> <li>When the set time is reached, the unit will automatically power off.</li> </ul>

# CARE AND MAINTENANCE

## ! IMPORTANT

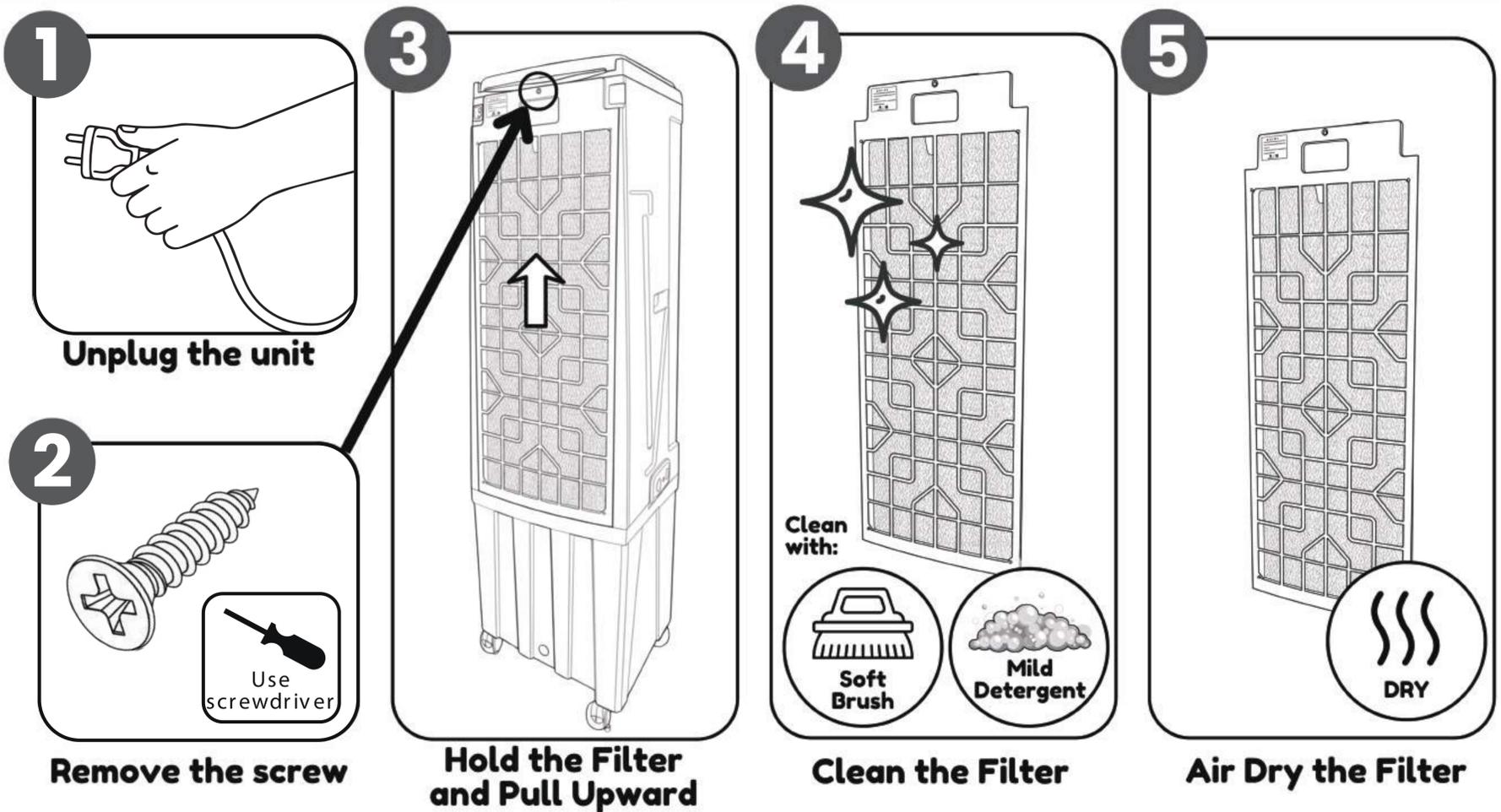
Ensure that you have read all the safety warnings before operating this unit for the first time.

- Always unplug the unit from the power source before cleaning or performing any maintenance.
- Avoid handling the plug with wet hands to prevent the risk of electric shock or injury.
- Use only a soft, damp cloth to gently wipe the outer surfaces of the unit.
- To clean between the grilles, use a pipe cleaner, flexible dust wand, vacuum cleaner, or compressed air to remove dust.
- DO NOT immerse the unit in water or allow water to enter the motor housing or any electronic or electrical parts..
- DO NOT use gasoline, paint thinner, or other harsh chemicals to clean the unit.
- For storage, you can leave the unit assembled and cover it to protect it from dust. Store the unit in a cool, dry place.

## MAINTENANCE AND CLEANING

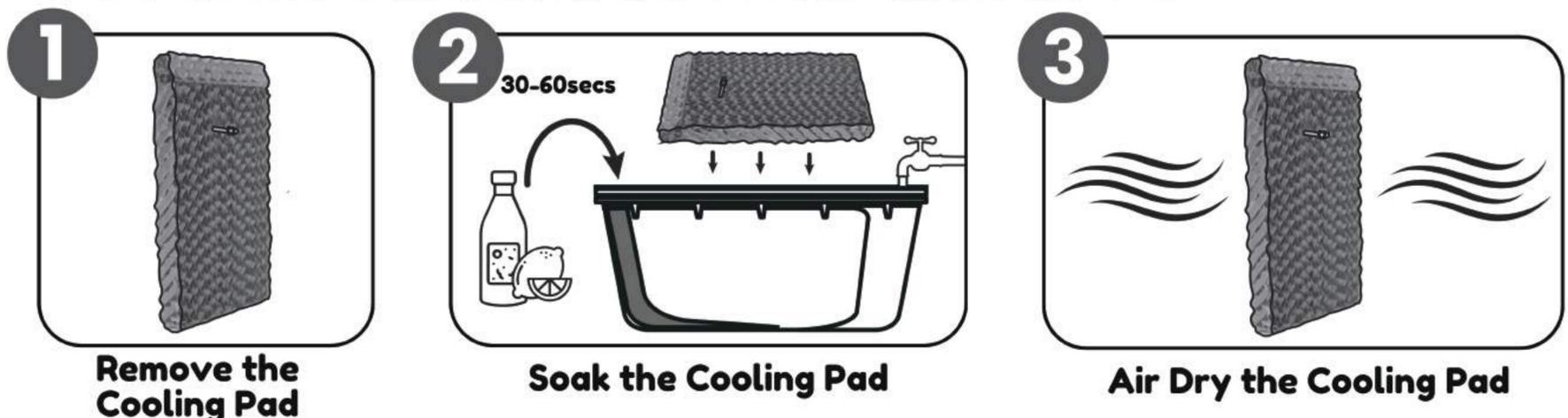
- Over time, the filtration mesh can become clogged with dust and dirt, reducing performance.
- For best results, clean the filter every two weeks.

### CLEANING THE FILTER (DUST FILTER)



### CLEANING THE COOLING PAD (HONEYCOMB FILTER)

After removing the dust filter you can also gently remove the cooling pad/honeycomb filter.



Reinstall the cooling pad/honeycomb filter before the dust filter. After installation, run the air cooler on fan mode only to help dry the filters.

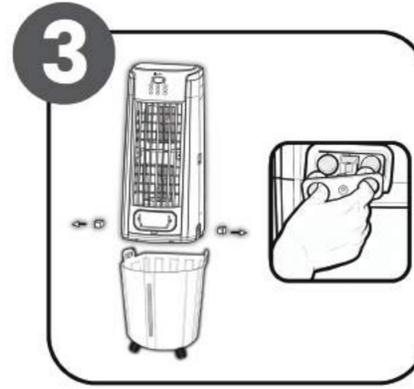
## CLEANING THE WATER TANK



**Unplug the unit**



**Drain Water**



**Remove the Locks**



**Clean and Dry,  
then Reinstall**

## STORAGE AND MAINTENANCE

### TIPS ON USING YOUR AIR COOLER

#### Before Long-Term Storage

- Unplug the unit and allow it to cool down completely before storing.
- Clean the unit thoroughly using a dry or slightly damp cloth. Ensure all parts are dry before storage to prevent mold or rust.
- Remove the remote batteries to avoid leakage during long periods of non-use.
- Store in a cool and dry place, away from direct sunlight, moisture, or extreme temperatures.
- Cover the fan with a dust cover or cloth to prevent dust buildup.
- Keep out of reach of children and pets while in storage.
- Drain the Water Tank – Prevents freezing damage and insect breeding.
- Dry the Cooling Pads – Turn on the unit, let the pads dry, then power off.

#### Cleaning the Air Cooler

- Water Tank: Unplug, remove panels, drain, brush inside, clean with mild soap, and sanitize every 3 days in humid climates.
- Cooling Pads: Soak briefly in water + lemon juice or vinegar solution, rinse, and let air dry fully before reinstalling. Avoid strong detergents or high-pressure water.
- Outside Body: Wipe with a damp cloth; do not use harsh chemicals.
- Filter: Remove, wash with mild soap, rinse, and dry completely before reinstalling (clean every two weeks).
- Fan Blades: Wipe with a damp towel. Avoid pouring water directly onto the fan or control panel.

#### Replacing Cooling Pads

- Replace pads every 3–5 years or sooner if frayed, thin, or clogged with minerals.

#### Mechanical Parts Check

- Ensure enough water before operation.
- Use a few drops of lubricating oil on the motor and fan when needed.
- Always unplug before maintenance.
- Dry all parts thoroughly before reassembly.

## TROUBLESHOOTING

If you experience issues with your Air Cooler with Purifier, use the table below to diagnose and resolve common problems.

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
<b>Unit not working</b>	Power cord not plugged in	Ensure the power cord is securely plugged into a functioning outlet
	Faulty power outlet	Test the outlet with another device or try using a different outlet.
	Tripped circuit breaker or blown fuse	Reset the circuit breaker or replace the fuse.
	Loose connection	Check all connections to ensure they are secure.
<b>Cooling effect is weak</b>	Not enough water in the tank	Add water to ensure enough water for pumping
	Water pump partially clogged	Clean the water tank to remove the impurities
	Air vents or filter blocked by dusts	Remove dust/foreign objects from air vents
<b>Strange odor from airflow</b>	Stagnant water in tank	Replace water with fresh clean water
	Filter or cooling pad is dirty	Clean filter
<b>Error Code: E1</b>	Problem in temperature sensor circuit	Ensure the oscillation switch is turned on.
<b>Error Code: E3</b>	Cleaning reminder after 200 hours of operation	Clean the unit then long press the COOL button for 3 seconds to reset

Note: If you are unable to resolve an issue using this guide, please contact Kolin Service Hotline or its Authorized Service Partners for further assistance. Do not attempt to disassemble or repair the Air Cooler with Purifier yourself, as this may void the warranty and cause further damage.





**The design and specifications are subject to change without prior notice for product improvement. Any updates to the manual will be uploaded to the Kolin official website, please check for the latest version.**

If you have any concerns, please contact us at the following:

Customer hotline: **(02) 8852-6868**

Text hotline: **+63 917-881-8982**

Email: **service@kolinphil.com.ph**

Also, please like and follow us on social media accounts:

Facebook: kolinphilippines

Instagram: kolinphilippines

Youtube: kolinphilippines

Tiktok: kolinphilippines

Website: [www.kolinphil.com.ph](http://www.kolinphil.com.ph)

**KPI101325**



# Kolin Philippines International, Inc.

## SERVICE CENTERS

BRANCH	ADDRESS	TEL. NO.
Bacolod	Door #A-2 & A-3 UTC Bldg., Alunan St., Brgy. 36, Bacolod City	(034) 466-9145
Cagayan De Oro	Door #3 De Oro Land Bldg., Julio Pacana St., Puntod, Cagayan de Oro City	(088) 557 - 7353
Cebu	Lot 758-B-1, P. Suico St. Upper Tabok, Mandaue City, Cebu	(032) 234 - 1844
Dagupan	Unit #1 107 Caranglaan District, Dagupan City, Pangasinan	(075) 529 - 0587
Davao	Blk 17 Lot 9, Calamansi St., Juna Subd., Matina, Davao City	(082) 272 - 0048
Iloilo	Door# 4,5 & 7, D' Appliance Arcade, South Fundidor, Molo, Iloilo City	(033) 337 - 5914
Pampanga	LRK Commercial Bldg., Jose Abad Ave., Lagundi, Mexico, Pampanga	(045) 455 - 2934

For More air conditioner tips, please like, share and follow us on our social media accounts:

Facebook : kolinphilippines  
Instagram : kolinphilippines  
Youtube : kolinphilippines  
Tiktok : kolinphilippines  
Website : [www.kolinphil.com.ph](http://www.kolinphil.com.ph)

### OFFICE

Kolin Bldg. 1854 Sta. Rita St.,  
Guadalupe Nuevo, Makati City, 1212  
Service Hotline: (632) 8852 - 6868

### PLANT

Blk 3 Lot 5, Main Drive First Cavite  
Industrial Estate, Langkaan 1,  
Dasmariñas City, Cavite  
Tel. No.: (046) 402-0793