LOGIK

Air Cooler

Instruction Manual

L48ACW20



Before using this appliance, read all safety instructions carefully first in the Safety Warnings booklet and keep them for future reference.

Safety Warnings - Air Cooler

GENERAL SAFETY

- For your continued safety and to reduce the risk of injury or electric shock, read all instructions carefully before using the unit and keep them for future reference. Please follow all the safety precautions listed below.
- Retain this manual. Include this manual if you pass the unit onto a third party.
- Keep ventilation openings in the unit enclosure clear of obstructions.
- Choose a location for your unit away from heat sources such as radiators or fires.
- Children should be supervised to ensure that they do not play with the unit.
- Keep mains cable out of reach from children.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

ELECTRICAL

- All wiring must comply with local and national electrical codes and be installed by a qualified service agent. If you have any questions regarding the following instructions, contact a qualified service agent.
- Check the available power supply and resolve any wiring issues before installation and operation of this unit.
- Do NOT use the unit if the mains cord or plug is loose or damaged or requires repair / replacement. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- Use ONLY the supplied cord and plug.

MOVING / TRANSPORTATION

- Always transport the unit in a vertical position.
- A minimum of 2 people are needed to move this unit safely.

POSITIONING

- If the unit is knocked over during use, turn off the unit and unplug from the mains immediately. Leave the unit to settle for a few hours before using. This will help prevent the unit from initiating the auto-cut off function due to overheating.
- Ensure the unit is securely placed on a stable, level surface.
- Do not trap the mains cord in any way.

LOCATION

- Place and store away from direct sunlight, e.g., do NOT place or store under a window or next to a sliding glass patio door.
- Do NOT place or store the unit where it can call or be pulled into water or any other liquid.
- Your unit should be used in such a way that it is protected from moisture, e.g., condensation and splashes of water.
- Do NOT operate your unit in a wet room, such as a bathroom or laundry room, or in any other room that will get wet.
- Do NOT use the unit in the presence of inflammable substances or vapours, such as alcohol, insecticide, petrol, etc.
- Ensure that there is at least 30cm of clear space all around the unit.
- Do NOT place the unit in front of drapes, curtains or other hangings, in case they fall against the rear air intake.

- Do NOT place near furniture and walls.
- Do NOT operate this unit in an enclosed cabinet area.

OPERATION

- Do NOT cover and/or obstruct the unit.
- Do NOT place objects or let any person or pet sit on top of the unit.
- Never remove any fixed covers.
- Never use the unit if it is not working properly, or has been dropped or damaged. Contact a qualified service agent for assistance.
- Never use the mains socket switch or plug to start and stop the unit. Always use the ON/OFF switch on the unit or remote control.
- Do NOT operate the unit near other electrical / electronic items.
- Do NOT operate the unit with wet/damp hands, or when barefoot.
- Do not operate this appliance with anything other than your hands. Do not use the appliance with wet hands.
- Do not wet the housing or control panel.
- Make sure the unit is thoroughly dry before use.
- Always operate with the filter and grille correctly and securely installed.
- If not using the unit for a long time (e.g., going on holiday), disconnect it from the mains socket.
- Do NOT insert hands or fingers or other objects into the air inlet or outlet at any time.

BATTERIES

- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Please dispose of batteries correctly by following the guidance in this manual.
- Do not expose the battery to direct sunlight or sources of excessive heat.

CLEANING AND MAINTENANCE

- Always turn off the unit and unplug it from the mains socket after use and before cleaning.
- Always contact a qualified service agent to carry out repairs or any non-user serviceable maintenance, e.g., interior of the unit.
- Never use hazardous chemicals to clean the unit, or allow them to come into contact with the unit. Use only a soft cloth.
- Regularly clean the unit's filters. This helps the unit remain efficient and increases its service lifespan.



IT IS HAZARDOUS FOR ANYONE OTHER THAN AUTHORISED SERVICE PERSONNEL TO CARRY OUT SERVICING OF REPAIRS WHICH INVOLVE THE REMOVAL OF COVERS.



TO AVOID THE RISK OF AN ELECTRICAL SHOCK DO NOT ATTEMPT REPAIRS YOURSELF.

- Never leave water in the reservoir when the appliance is not in use.
- Be aware that high humidity levels may encourage the growth of biological organisms in the environment.



Warning: Micro-organisms that may be present in the water or in the environment where the appliance is used or stored, can grow in the water reservoir and be blown in the air causing very serious health risks when the water is not renewed and the tank is not cleaned properly every 3 days.

Safety Warnings - Coin, Lithium Coin Cell Battery

- **WARNING: This product contains a coin battery. A coin battery can cause serious internal chemical burns if swallowed.**
- **WARNING: Dispose of used batteries immediately. Keep new and used batteries away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.**

Location of the Lithium coin cell battery

The Lithium coin cell battery is located in the battery compartment.



BATTERY WARNING: KEEP OUT OF REACH OF CHILDREN
If the battery compartment does not close securely, stop using the product and keep it away from children.
If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Precautions during handling of batteries

When used correctly, lithium batteries provide a safe and dependable source of power. However, if they are misused or abused, leakage, venting or in extreme cases, explosion and/or fire can result.

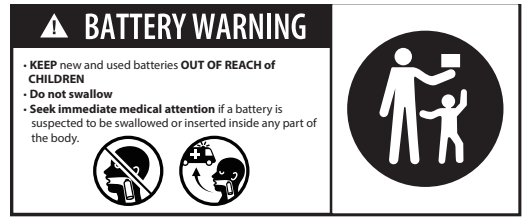
a) **Keep new and used batteries out of the reach of children**

If a battery has been ingested, or there is a possibility one might have been ingested, please seek medical attention and inform the medical authorities that you suspect battery ingestion.

It's not always clear when a child has swallowed a button battery, as there are no specific symptoms. However, they might:

- cough, gag, or drool;
- seem to have a stomach bug or virus;
- vomit;
- complain of pain in their stomach, chest, or throat;
- appear tired or sluggish; and
- lose their appetite.

Since the signs aren't obvious, it's important to keep a close eye on loose, used, or spare button batteries in your home, as well as the products that contain them.



If the battery compartment does not close securely, stop using the product and keep it away from children.

Copyright is claimed on the above pictogram. Copyright holders are Duracell International Operations SARL, Rue du Pré-de-la-Bichette 1, 1202 Genève, Switzerland.

b) **Do not allow children to replace batteries without adult supervision**

c) **Do not short-circuit batteries**

Always insert batteries correctly with regard to polarity (+ and -) marked on the battery and the equipment

When batteries are inserted in reverse they might be short-circuited or charged. This can cause overheating, leakage, venting, rupture, explosion, fire and personal injury.

When the positive (+) and negative (–) terminals of a battery are in electrical contact with each other, the battery becomes short-circuited. For example loose batteries in a pocket with keys or coins, can be short-circuited. This can result in venting, leakage, explosion, fire and personal injury.

d) **Do not charge batteries**

Attempting to charge a non-rechargeable (primary) battery can cause internal gas and/or heat generation resulting in leakage, venting, explosion, fire and personal injury.

e) **Do not force discharge batteries**

When batteries are force discharged by means of an external power source, the voltage of the battery will be forced below its design capability and gases will be generated inside the battery. This can result in leakage, venting, explosion, fire and personal injury.

f) **Do not mix new and used batteries or batteries of different types or brands**

When replacing batteries, replace all of them at the same time with new batteries of the same brand and type. When batteries of different brand or type are used together or new and used batteries are used together, some batteries might be over-discharged

/ force discharged due to a difference of voltage or capacity. This can result in leakage, venting, explosion or fire, and can cause personal injury.

g) **Exhausted batteries should be immediately removed from equipment and properly disposed of**
When discharged batteries are kept in the equipment for a long time, electrolyte leakage can occur causing damage to the equipment and/or personal injury.

h) **Do not heat batteries**
When a battery is exposed to heat, leakage, venting, explosion or fire can occur and cause personal injury.

i) **Do not weld or solder directly to batteries**
The heat from welding or soldering directly to a battery can cause leakage, venting, explosion or fire, and can cause personal injury.

j) **Do not dismantle batteries**
When a battery is dismantled or taken apart, contact with the components can be harmful and can cause personal injury or fire.

k) **Do not deform batteries**
Batteries should not be crushed, punctured, or otherwise mutilated. Such abuse can cause leakage, venting, explosion or fire, and can cause personal injury.

l) **Do not dispose of batteries in fire**
When batteries are disposed of in fire, the heat build-up can cause explosion and/or fire and personal injury. Do not incinerate batteries except for approved disposal in a controlled incinerator.

m) **A lithium battery with a damaged container should not be exposed to water**
Lithium metal in contact with water can produce hydrogen gas, fire, explosion and/or cause personal injury.

n) **Do not encapsulate and/or modify batteries**
Encapsulation or any other modification to a battery can result in blockage of the pressure relief mechanism(s) and subsequent explosion and personal injury. Advice from the battery manufacturer should be sought if it is considered necessary to make any modification.

o) **Store unused batteries in their original packaging away from metal objects. If already unpacked, do not mix or jumble batteries**
Unpacked batteries could get jumbled or get mixed with metal objects such as keys, coins, etc. This can cause battery short-circuiting which can result in leakage, venting, explosion or fire, and personal injury. One of the best ways to prevent this from happening is to store unused batteries in their original packaging.

p) **Remove batteries from equipment if it is not to be used for an extended period of time unless it is for emergency purposes**
It is advantageous to remove batteries immediately from equipment which has ceased to function satisfactorily, or when a long period of disuse is anticipated (e.g. camcorders, digital cameras, photoflash, etc.). Although most lithium batteries on the market today are highly leak resistant, a battery that has been partially or completely exhausted might be more prone to leak than one that is unused.

q) **If the battery compartment does not close securely, stop using the product and keep it away from children.**

Storage

a) **Store batteries in well ventilated, dry and cool conditions**
High temperature or high humidity can cause deterioration of the battery performance and/or surface corrosion.

b) **Avoid storing or displaying batteries in direct sun or in places where they get exposed to rain**
When batteries get wet, their insulation resistance might be impaired and self-discharge and corrosion can occur. Heat can cause deterioration.

c) **When batteries are unpacked and mixed they can be short-circuited or damaged.**

Disposal

a) **Do not dismantle batteries**
Some ingredients of lithium batteries might be flammable or harmful. They can cause injuries, fire, rupture or explosion.

b) **Do not dispose of batteries in fire except under conditions of approved and controlled incineration**
Lithium burns violently. Lithium batteries can

explode in a fire. Combustion products from lithium batteries can be toxic and corrosive.

c) **Store collected batteries in a clean and dry environment out of direct sunlight and away from extreme heat**
Dirt and wetness might cause short-circuits and heat. Heat might cause leakage of flammable gas. This can result in fire, rupture or explosion.

d) **Store collected batteries in a well-ventilated area**
Used batteries might contain a residual charge. If they are short-circuited, abnormally charged or force discharged, leakage of flammable gas might be caused. This can result in fire, rupture or explosion.

e) **Do not mix collected batteries with other materials**
Used batteries might contain residual charge. If they are short-circuited, abnormally charged or force discharged, the generated heat can ignite flammable wastes such as oily rags, paper or wood and cause a fire.

f) **Protect battery terminals**
Protection of terminals should be considered by providing insulation, particularly for those batteries with a high voltage. Unprotected terminals might cause short-circuits, abnormal charging and forced discharge. This can result in leakage, fire, rupture or explosion.

Instructions for use

a) Always select the correct size and type of battery most suitable for the intended use. Information provided with the equipment to assist correct battery selection should be retained for reference.

b) Replace all batteries of a set at the same time.

c) Clean the battery contacts and also those of the equipment prior to battery installation.

d) Ensure that the batteries are installed correctly with regard to polarity (+ and –).

e) Remove exhausted batteries promptly.

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The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.
For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

Notes for battery disposal
The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste.
For more information, please contact the local authority or your retailer where you purchased the product.

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Thank you for purchasing your new product.

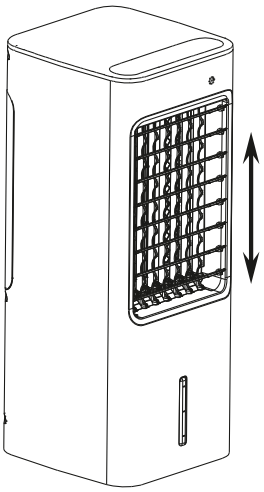
We recommend that you spend some time reading this instruction manual in order that you fully understand all the operational features it offers. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.

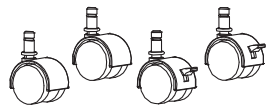
Unpacking

Remove all items from the packaging. Retain the packaging. If you dispose of it please do so according to local regulations.

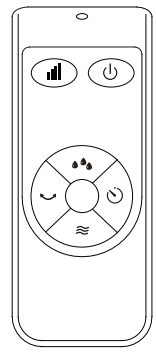
The following items are included:



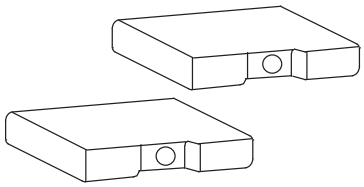
Main Unit



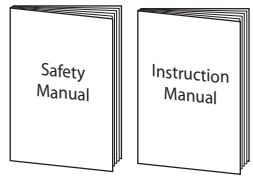
Castors



Remote Control
(with CR2032 3V battery)



Ice Box

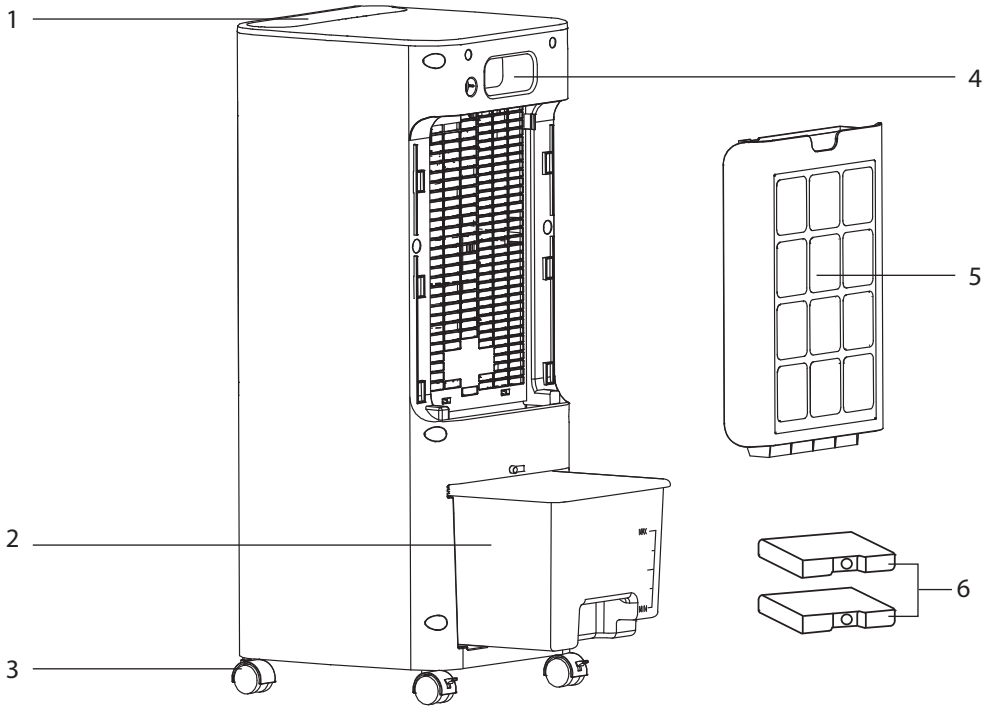


Safety & Instruction
Manual

If items are missing or damaged, please contact Partmaster (UK only). Tel: 0344 800 3456 for assistance.

Product Overview

Main Unit

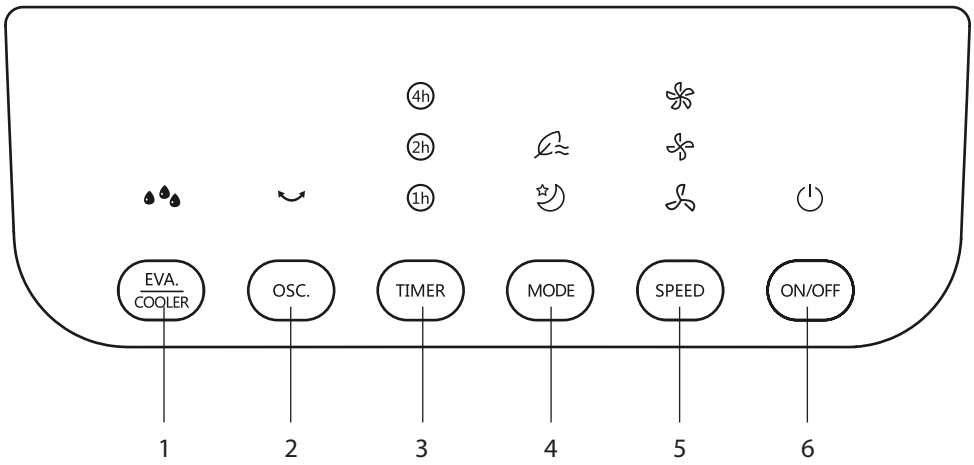


1. **Control Panel**
2. **Water Tank**
3. **Castor**
4. **Recessed Handle**
5. **Grille**
6. **Ice Box**

Make sure that the grille is installed before switching on the unit.

Make sure that the ice boxes are cold enough before putting them into the water tank. You may put the ice box into the freezer for cooling.

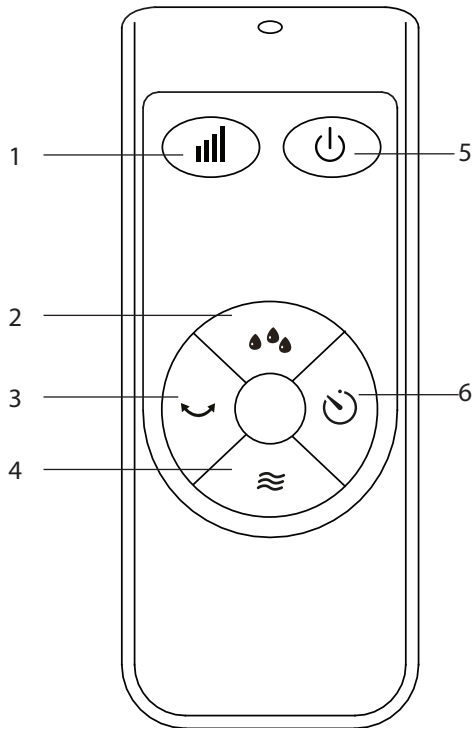
Control Panel



1. **EVA. / COOLER Button**
   - Press repeatedly to select between **Evaporator** / **Cooler** mode.
   - The indicator lights up in **Evaporator** mode.
   - The indicator flashes while there is a shortage in the water tank. Refill the water tank at the rear of the unit.
2. **OSC. Button**
   Press repeatedly to switch oscillation on/off.
3. **TIMER Button**
   Press repeatedly to switch **TIMER Off** and **On** (from **1h** to **7h**).
4. **MODE Button**
   - Press repeatedly to switch between **Natural Wind** (switching wind speed between high / medium / low level), **Sleep** (Wind speed in medium level for 15 minutes, and then in low level) and **Normal** mode.
   - Both indicators will turn off in **Normal** mode.
5. **SPEED Button**
   Press repeatedly to switch the wind speed between high / medium / low level.
6. **ON/OFF Button**
   Press repeatedly to switch the unit on/off.

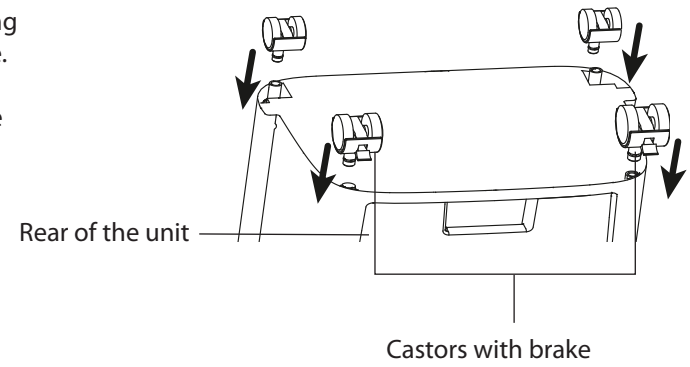
Remote Control

1. **SPEED Button**
   Press repeatedly to switch the wind speed between high / medium / low level.
2. **Evaporator/Cooler Button**
   Press repeatedly to select between **Evaporator**/**Cooler** mode.
3. **SWING Button**
   Press repeatedly to switch oscillation on/off.
4. **Wind Type Button**
   Press repeatedly to switch between **Natural Wind** or **Steady and Slow Wind** mode.
5. **ON/OFF Button**
   Press to switch the unit on/off.
6. **Timer On/Off Button**
   Press to switch on/off the **TIMER**.



Moving the Unit

The unit is on castors. When moving the unit, keep it upright and stable. Do NOT tilt or turn sideways. Grip the recessed handles and push the unit to another location.

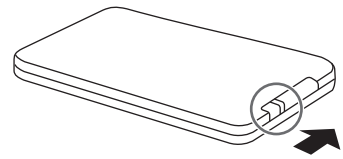


While installing the castor wheels, make sure that the castors with brake are installed at the rear of the unit.

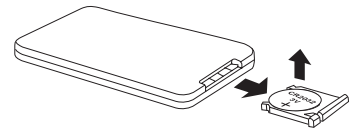
Battery Replacement for the Remote Control

The remote control requires a CR2032, 3V battery.

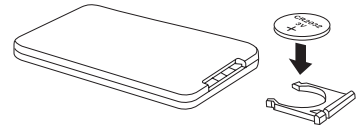
1. Slide and hold the battery release tab in the direction of the arrow.



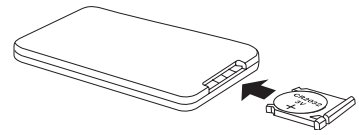
2. Pull out the battery holder and remove the old battery.



3. Replace with a new battery.



4. Insert the battery holder back into the remote control.



Handling the Battery

- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
- Only use the battery type indicated in this manual.
- When the battery is exhausted, the remote control will not function.
- Do not dispose of the used battery as domestic waste. Dispose of it in accordance with local regulations.
- Install the battery correctly in the battery compartment.
- Small button cell batteries such as the one used in the remote control are easily swallowed by young children and this is dangerous. Keep loose button cells away from young children and make sure that the battery is secure in the remote control. Seek medical advice if you believe a battery cell has been swallowed.

Handling the Remote Control

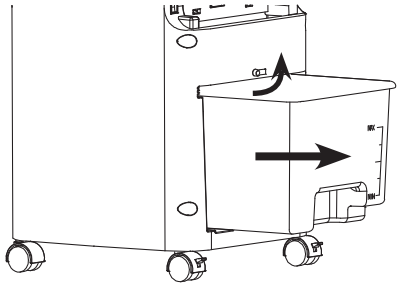
- Take care of your fingernails when you slide and pull the battery release tab.
- Do not drop the remote control.
- Do not allow anything to impact the remote control.
- Do not spill water or liquid on the remote control.
- Do not place the remote control on a wet object.
- Remove the battery from the remote control when not in use for a long period of time, as corrosion or battery leakage may occur and result in physical injury, and/or property damage, and/or fire.

- Do not ingest battery. Chemical Burn Hazard.
- This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

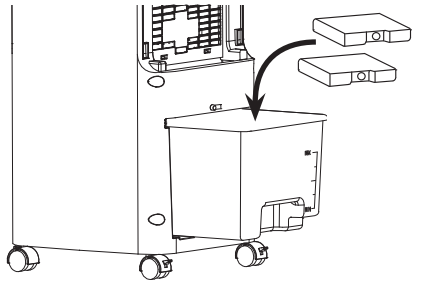
Filling the Water Tank

Make sure the unit is unplugged from the mains socket.

1. Turn the water tank switch anticlockwise at the rear of the unit.
2. Slide the water tank out from the main unit.



3. Pour water (not over the **MAX** level) and add the ice box(es) into the water tank.
4. Slide the water tank back into the main unit. Turn the water tank switch downwards to lock the water tank securely.

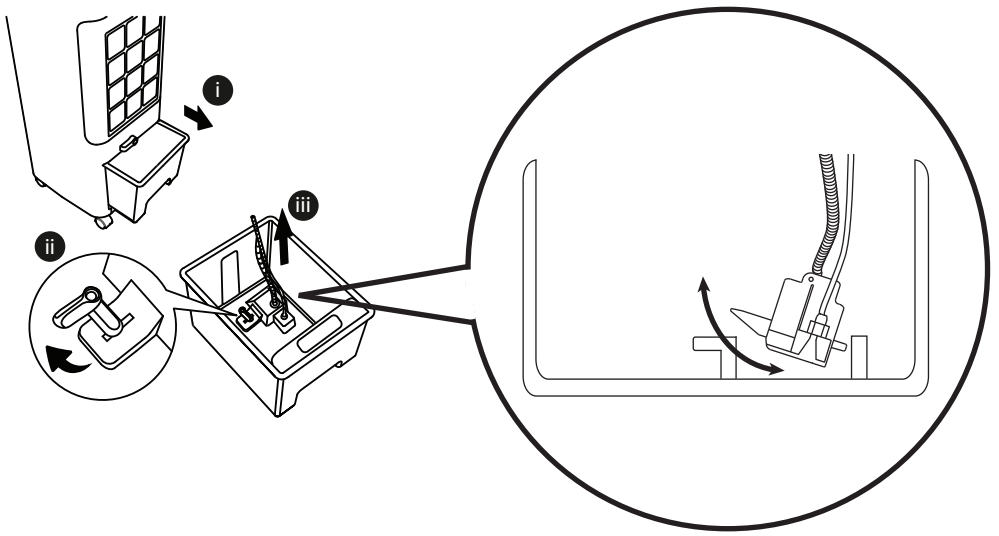


You may consider adding extra ice boxes into the water tank to improve the cooling performance

Draining water out from the water tank (if necessary)

The water filled in the water tank is for air cooling operation. Once when there is a shortage in the water tank, the **Evaporator** indicator will flash.

1. Slide the water tank out from the main unit.
2. Unlock the water pump connected with the unit, and then take the water tank out from the unit
3. Drain water out from the water tank. After securely lock the water pump, slide the water tank back into the unit.



Micro-organisms that may be present in the water or in the environment where the appliance is used or stored, can grow in the water reservoir and be blown in the air causing very serious health risks when the water is not renewed and the tank is not cleaned properly every 3 days.

General Operation

Switching the Unit ON/OFF

- Press ⏻ **ON/OFF** button on the unit or remote control to switch the unit on/off.
- To completely switch off the unit, unplug from the mains supply.

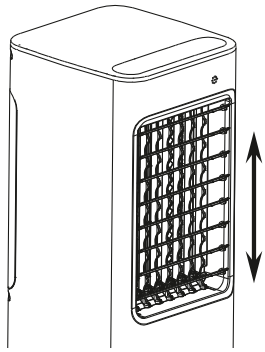
Setting Evaporating / Cooling Mode

Press **EVA. / COOLER** button on the unit or **Evaporator/Cooler** button on the remote control to select between **Evaporator** or **Air Cooler** mode.

The unit can humidify indoor area in **Evaporator** mode. Make sure that there is water in the water tank, and keep it above **MIN** and below **MAX** level.

Adjusting the Louvre

- Press **OSC.** button on the unit or **SWING** button on the remote control repeatedly to switch on/off the auto-swing (left & right) function of the unit.
- You may also manually adjust the louvre up and down.



Do not put objects or hands into the louvre opening.

Setting the Auto On/Off Time

Press **TIMER** button on the unit or button on the remote control repeatedly to set the power-on time (when the unit is in **Standby** mode) and power-off time (when the unit is in **ON** mode) between **OFF** and from **1h** to **7h**.

Selecting Fan Mode

Press **MODE** button on the unit or **Wind Type** button on the remote control to select between **Natural Wind**, **Steady and Slow Wind** and **Normal** mode.

Both indicators will be off in **Normal** fan mode.

Selecting Speed

Press **SPEED** button on the unit or button on the remote control to select the wind speed between high / medium / low level.

Cleaning and Maintenance

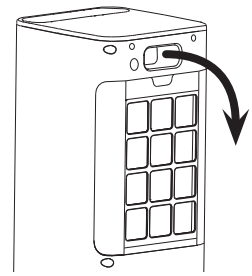
Make sure to unplug the unit before cleaning and maintenance.

Cleaning the Exterior

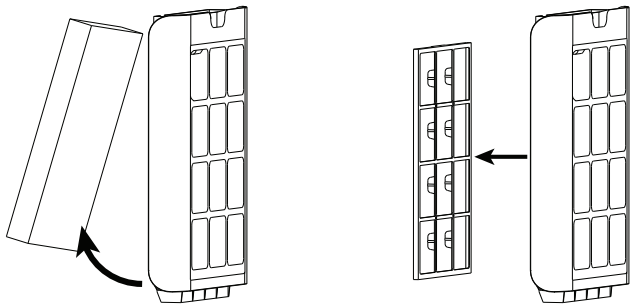
- Use a soft cloth to wipe down the exterior.
- Do NOT use any abrasive cleaning agents or detergents.
- Do NOT immerse any part of the unit in water or any other liquid.

Cleaning the Grille and Filter

1. Remove the grille from the rear of the unit.



2. Remove the honeycomb filter, and then the filter from the grille.



3. Clean the filter in warm water with neutral detergent.
4. Make sure both filters are thoroughly dry before installing back onto the grille.
5. Replace the grille back into the filter holder.

Do not switch on the unit when the grille and filters are removed from the unit.

Storing the Unit

If the unit will not be used for a long period, make sure it is stored properly.

- Ensure the unit is completely drained of water and dry.
- Ensure the air filter is cleaned.
- Ensure the unit is unplugged.
- Ensure the batteries are removed from the remote control.

Hints and Tips

Problem	Solution
Unit does not start or there is no power when pressing ⏻ on the unit or remote control.	• Check that the unit is firmly plugged in and the mains socket is switched on.
Not cool enough.	• Check that all windows and doors are closed. • Remove or switch off all heat sources if possible. • Move the unit closer to you. • Remove any obstacles between you and the unit. • Clean the air filter and re-fit securely before continuing operation. • Set a higher level of **Wind Speed**.
Noisy or excessive vibration.	• Make sure that the water tank has enough water. • Move the unit to a stable, flat and level surface.
Gurgling is heard.	This is normal; it should not be considered a fault.
The **Evaporator** indicator flashes and the unit beeps	There is a shortage in the water tank. Make sure that it has enough water.

If problem(s) persists, contact a qualified service agent for assistance.

Specifications

Brand	**Logik**
Model	L48ACW20
Rating	220 – 240V~, 50 Hz, 50 W
Maximum Fan Flow Rate (F)	22.61 m^3/min
Fan Power Input (P)	49.40 W
Service Value (SV)	0.46 (m^3/min)/W
Standby Power Consumption (Psb)	0.20 W
Off Mode Power Consumption (Poff)	-
Fan Sound Power Level (Lwa)	59.18 dB(A)
Maximum Air Velocity (C)	3.53 meters/sec
Seasonal Electricity Consumption (Q)	16.03 kWh/a
Measurement Standard for Service Value	EN IEC 60879:2019
Water Tank Capacity	4.5 L
Dimension (H) × (W) × (D)	Approx. 700 mm × 265 mm × 290 mm

Features and specifications are subject to change without prior notice.

For the latest version of the Safety and Instruction Manual, please visit the official website below (other websites may not contain the full and most updated version):

https://www.currys.co.uk/services/repairs-maintenance/product-service-manuals.html