

# electriQ

## USER MANUAL



### **ARCTIC45ER**

### **EVAPORATIVE COOLER**

Thank you for choosing electriQ  
Please read this user manual before using this innovative Air Cooler and keep it safe  
for future reference.  
Visit our page [www.electriQ.co.uk](http://www.electriQ.co.uk) for our entire range of Intelligent Electricals

# SETTLING IN OK?

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We hope this has been helpful to you.

We would love to see how you're getting on with your new purchase, so please share any snaps you have on the platform of your choice below.

Our community awaits your uploads - Snap, tag and hashtag away!



**@electriQUK**  
**#electriQUK**

# WE'RE HERE TO HELP

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Should you have any problems or questions with your purchase, please contact a member of our customer service team.

☎ 0330 390 3061

✉ [support@electriQ.co.uk](mailto:support@electriQ.co.uk)

Mon-Fri | 9am to 5pm

Unit 2A, Trident Business Park,  
Neptune Way, Leeds Road,  
Huddersfield, HD2 1UA


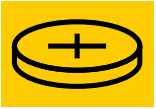

# CONTENTS

<b>SAFETY INSTRUCTIONS</b>	<b>4</b>
<b>ENERGY SAVING TIPS AND ITEM FEATURES</b>	<b>6</b>
<b>HOW EVAPORATIVE AIR COOLERS WORK</b>	<b>7</b>
<b>PRODUCT OVERVIEW</b>	<b>8</b>
<b>INSTALLATION</b>	<b>9</b>
<b>CONTROL PANEL</b>	<b>9</b>
<b>OPERATION</b>	<b>9</b>
<b>REMOTE CONTROL</b>	<b>10</b>
<b>FILLING THE WATER TANK</b>	<b>10</b>
<b>USING THE REUSABLE ICE BOX</b>	<b>10</b>
<b>CLEANING AND MAINTENANCE</b>	<b>11</b>
<b>TROUBLESHOOTING</b>	<b>12</b>
<b>TECHNICAL SPECIFICATION</b>	<b>13</b>
<b>SUPPORT</b>	<b>13</b>
<b>APPENDIX</b>	<b>14</b>

## **SAFETY INSTRUCTIONS**

**IMPORTANT! Carefully read the instructions before operating the unit.**

- This appliance is for indoor use only. Any outdoor use must be supervised, and the unit must not be exposed to wet conditions such as rain.
- Rating: This unit must be only connected to a 220V / 50Hz earthed outlet.
- Installation must be in accordance with the regulations of the country where the unit is used.
- If you have any doubt about the suitability of your electrical supply, have it checked and, if necessary, modified by a qualified electrician.
- This air cooler has been tested and is safe to use. However, as with any electrical appliance - use it with care.
- Disconnect the power from the appliance before changing filters, dismantling, assembling or cleaning.
- Avoid touching any moving parts within the appliance.
- Never insert fingers, pencils or any other objects through the guard
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities. It is also not intended for use by those with a lack of experience and knowledge unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Do not leave children unsupervised with this appliance.
- Do not clean the unit by spraying it or immersing it in water.
- Never connect the unit to an electrical outlet using an extension cord. If an outlet is not available, one should be installed by a qualified electrician.
- Never operate this appliance if the cord or plug is damaged. Ensure the power cord is not stretched or exposed to sharp objects/edges.
- A damaged supply cord should be replaced by the manufacturer or a qualified electrician in order to avoid a hazard.
- This appliance is designed for personal comfort and so should not be left unattended for extended periods.
- Any service other than regular cleaning or filter replacement should be performed by an authorised service representative. Failure to comply could result in a voided warranty.
- Do not use the appliance for any purpose other than its intended use.
- Never use the plug as a switch to start and turn off the air unit. Use the provided ON/OFF switch located on the control panel.
- Always place the unit on a dry and stable surface. Do not move or tilt the unit while the water tank is full.
- The appliance should not be installed in the laundry or wet rooms.
- Do not use this unit in environments with flammable and explosive gases.
- Avoid keeping the unit in direct sunlight for a long period of time.

 	<p style="text-align: center;"><b>BATTERY WARNING</b></p> <p style="text-align: center;"><b>KEEP OUT OF REACH OF CHILDREN</b></p> <p>Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.</p>	
<ul style="list-style-type: none"> <li>• If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children.</li> <li>• If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention</li> </ul>		
<p style="text-align: center;"><b>THERE MAY BE NO OBVIOUS SYMPTOMS OF BATTERY INGESTION</b></p>		
<p>Unfortunately, it is not obvious when a button or coin battery is stuck in a child's oesophagus (food pipe). There are no specific symptoms associated with this. The child might:</p> <ul style="list-style-type: none"> <li>• Cough, gag, or drool a lot;</li> <li>• Appear to have a stomach upset or a virus;</li> <li>• Be sick;</li> <li>• Point to their throat or stomach;</li> <li>• Have a pain in their abdomen, chest or throat;</li> <li>• Be tired or lethargic;</li> <li>• Be quieter or more clingy than usual or otherwise "not themselves";</li> <li>• Lose their appetite or have a reduced appetite; and</li> <li>• Not want to eat solid food / be unable to eat solid food.</li> </ul> <p>These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding.</p> <p>A specific symptom of button and coin battery ingestion is vomiting fresh (bright red) blood. If the child does this, seek immediate medical help.</p> <p>The lack of clear symptoms is why it is important to be vigilant with "flat" or spare button or coin batteries in the home and the products that contain them.</p>		

## **ENERGY SAVING AND UNIT SAFETY PROTECTION TIPS**

- Do not cover or restrict the airflow from the outlet or inlet grills.
- For maximum performance, the minimum distance from a wall or object should be 50cm.
- Please ensure that the water in the water tank does not exceed the MAX level and does not fall below MIN while in operation.
- Keep the filters clean. Under normal conditions, filters should only need cleaning once every three weeks (approximately). Since the filters remove airborne particles, more frequent cleaning may be necessary, depending on the air quality.
- In order to achieve maximum efficiency, please place the unit near an open door or window. Evaporative Air Coolers work with an evaporative cooling mechanism, which requires cross-ventilation
- This unit will lose efficiency if the relative humidity in the room exceeds 60%
- The ambient operating temperature range is from 5°C to 40°C.  
If used in low temperatures (as a humidifier), the water tank should be filled with warm (but not hot) water.
- Never leave water in the reservoir when the appliance is not used.
- Empty and clean the air cooler before storage. Clean the air cooler before the next use.

## **FEATURES**

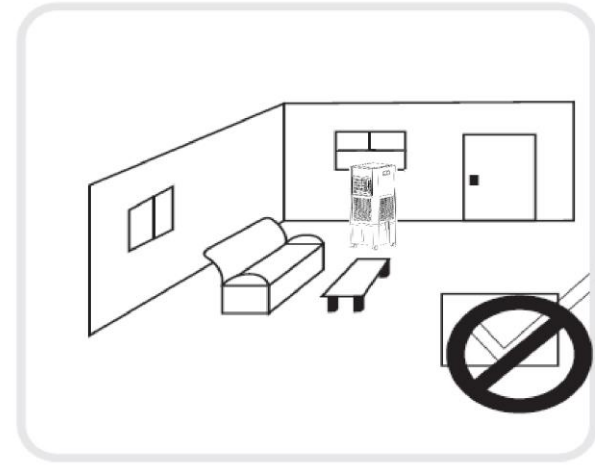
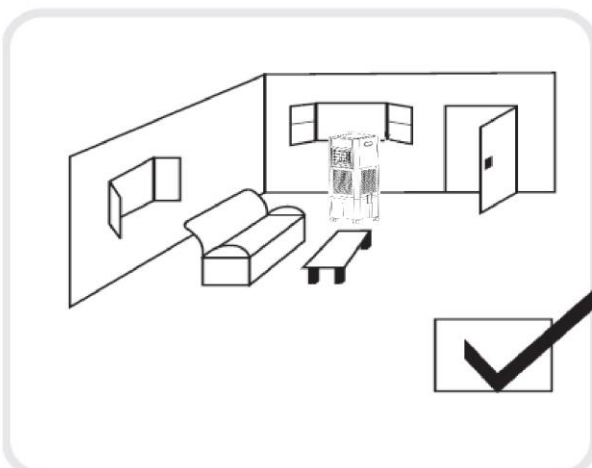
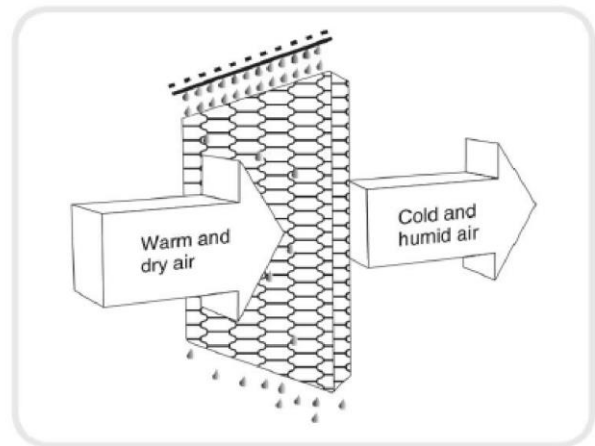
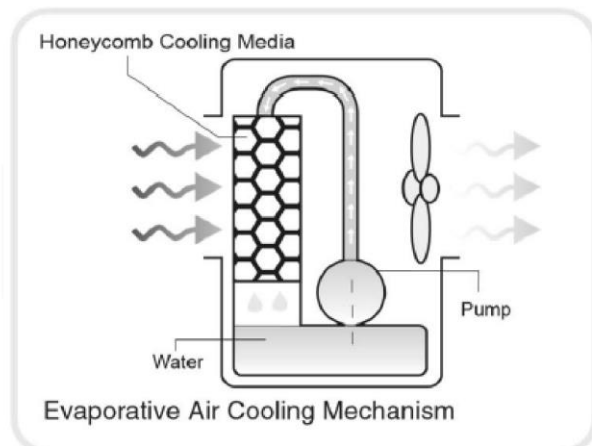
- Air Cooler, humidifier and air cleaner great in well-ventilated rooms
- Powerful airflow, ideal for spot cooling or cooling a small room.
- Alternative spot cooling solution for rooms and spaces which cannot be sealed or traditionally air-conditioned
- 3 fan speeds and oscillation settings for improved airflow: low, medium and high speeds, allowing adjustment between maximum cooling and quiet operation
- Honeycomb Filters for improved cooling and air cleaning
- Easy to use digital controls with remote control.
- Handle and wheels for great mobility
- Powerful air throw with a directional swing for faster cooling

## **SPECIFICATIONS:**

- Water tank: 31.8 Litres
- Noise level: 61.5 dB
- Wind Speed:
  - 1: 7.3 m/s
  - 2: 8.0 m/s
  - 3: 8.9 m/s
- Air volume: 2907 m<sup>3</sup>/h
- 3-speed fan: low/medium/high
- 12 hours timer
- Versatile and mobile
- High-efficiency honeycomb cooling pads
- Swing function
- Remote Control

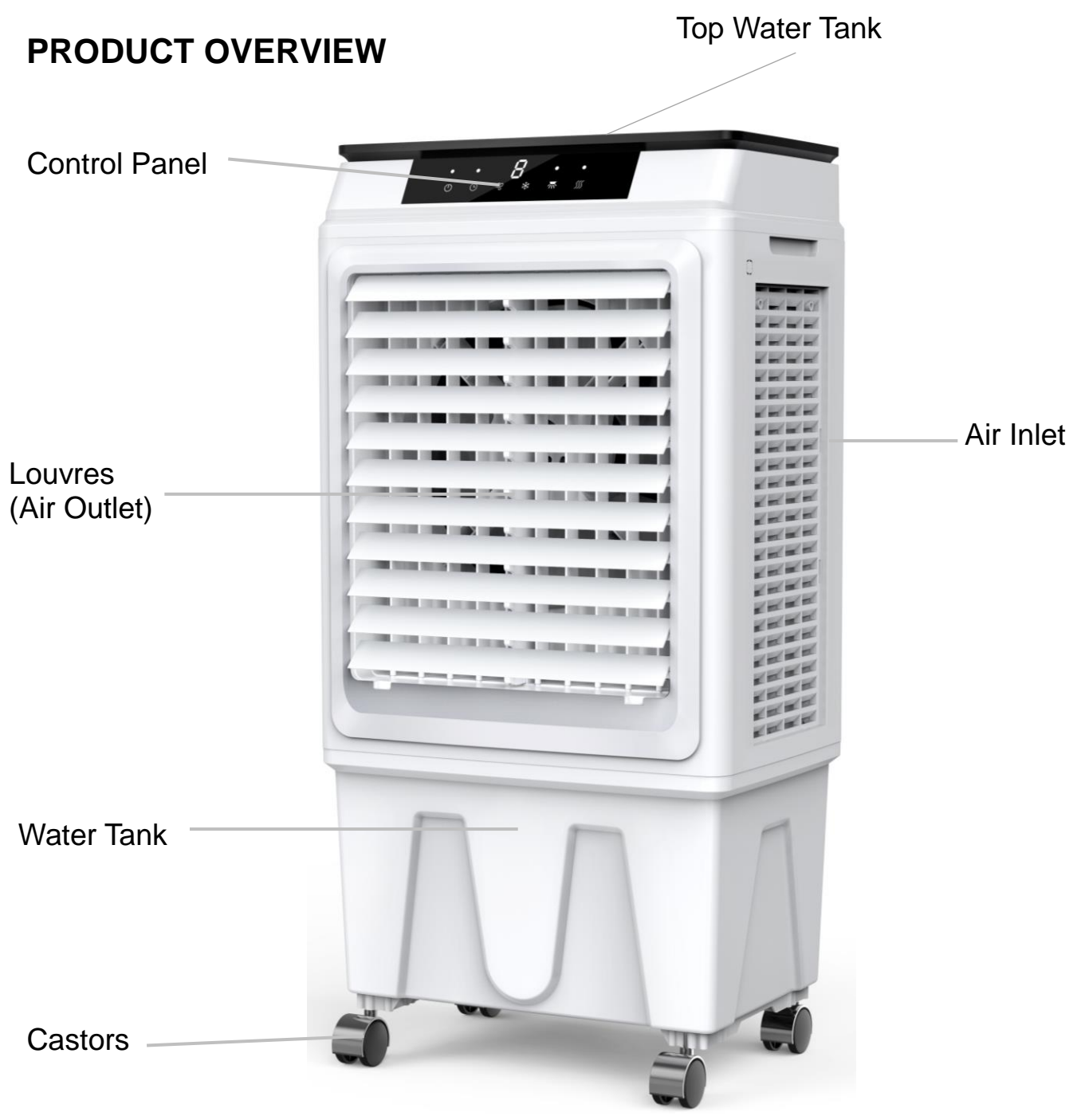
## HOW EVAPORATIVE COOLERS WORK

This air cooler uses the natural process of water evaporation to reduce air temperature and provide efficient spot cooling. Inside the unit, water is pumped over a honeycomb cooling pad, saturating it. When warm air is drawn through the moist pad, the water absorbs the heat and evaporates, resulting in a cooler airflow. This cooled air is then circulated into the room.



- The recommended relative humidity for optimum operation is 60% or lower. A drier climate makes for more noticeable cooling.
- The evaporative air cooler should not be used in enclosed or sealed spaces. It must be kept level, and there must always be water in the tank. Doors and windows should be open to allow free airflow. The evaporative air cooler works best near an open window or air current.
- When the product is used for the first time, the Honeycomb cooling filter will have an odour; this should dissipate within a week.
- Be aware that high humidity levels may encourage the growth of biological organisms in the environment.

**PRODUCT OVERVIEW**



PARTS INCLUDED	QTY
Ice box	4
Remote	1
Castor wheels	2
Castor wheels with lock	2
Castor wheel screws	16
Drain plug	1



## INSTALLATION

This unit can easily be moved from one room to another. While moving the unit, please note that it must always be kept upright and placed on an even surface.

- Remove any packaging - keeping the air cooler in a vertical position.
- Make sure all parts are present and the unit is assembled correctly.
- **WATER TANK:** Fill the water tank through the top tank with water or ice, ensuring the main tank does not exceed the **MAX** level.
- Make sure that the honeycomb filters are properly inserted.
- Connect the power plug to a working socket, then press the power button.

## FITTING THE CASTOR WHEELS

- Turn the unit upside down on a soft surface to avoid damage.
- Align the metal stem of each castor with the mounting hole at the cooler's base.
- Firmly push each castor wheel into place until it clicks or feels securely inserted.
- Ensure that the two locking castors are installed on the same side, preferably at the front, for easy access.

To engage the locking castor, push down on the brake tab until it clicks into place.

To release, lift the tab back up.

## CONTROL PANEL



SWING



COOL



TIMER



SPEED









MODE



ON/OFF

## OPERATION

	Press to activate the swing mode. The louvres will gently swing from left to right. The vertical direction of the airflow can be adjusted manually. The Swing symbol will be illuminated when the function is active. Press again to turn it off.
	Press to activate the evaporative cooling. Ensure that the water level is sufficient for operation. The unit will operate as a fan/air purifier when this function is not turned on. <b>NOTE:</b> Do not activate this function when the water tank is empty.
	<b>WHILE THE UNIT IS RUNNING:</b> Repeatedly press the timer button to select your countdown timer. This can be set from 0-12 hours. The unit will automatically turn off when the countdown has ended.
	Press to change the fan speed between low (1), medium (2) and high (3). The currently selected fan speed will be illuminated.
	Press to change between normal and natural modes: Normal: The fan operates at a constant level. Natural: The fan speed fluctuates to imitate a natural breeze.
	Press to turn the air cooler on and off.

**NOTE:** The display will illuminate icons to reflect whether you have active any of the above functions.

## REMOTE CONTROL

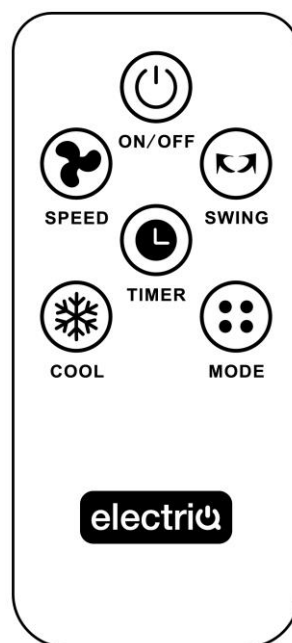
The remote control enables you to control all the same functions as the control panel from up to 5 metres. It should be pointed towards the receiver in front of the air cooler.

### ATTENTION:

- If not in use for a prolonged period, the batteries should be removed.
- Insert the battery with the correct polarity.
- Dispose of used batteries responsibly.

Please note: The remote may be designed differently.

This remote takes a 1x CR2025 3V lithium coin battery.



## FILLING THE WATER TANK

**ATTENTION: Please turn off the appliance and disconnect from the mains before filling the water tank.**

Before turning on the cooling function, please add water to the tank. The appliance can be used without water in air cleaner mode.



Before filling with water, open the cover on the top of the appliance and fill the tank slowly before closing the cover.



Only use clean tap water, and do not fill the water beyond the maximum water level located at the lower front of the aircooler.

Ice packs can also be inserted into the top tank to cool the water as it circulates.

**NOTE:** It is completely normal and in no way dangerous if the device has a slight odour or the water tank has slight discolouration when used for the first time.

## USING THE REUSABLE ICE BOX

1. Unscrew the cap and fill the ice box with water to the indicated fill line.
2. Securely tighten the cap.
3. Let the ice box sit for 30–40 minutes to allow the ice crystals to fully absorb the water.
4. Place the ice box in the freezer for at least 2 hours.
5. Once frozen, insert the ice box into the cooler's designated ice compartment to help cool the circulating water.
6. the gel inside may become soft or jelly-like after prolonged use. Simply refreeze the ice box before the next use.
7. The ice box is reusable and can be cycled multiple times.



## **DRAINING THE TANK**

To maintain hygiene and ensure optimal performance, it is recommended to regularly drain and clean the water tank, especially if the unit will not be used for an extended period.

1. Switch off and unplug the air cooler from the main power supply.
2. Move the unit to a location where water can be safely drained (e.g. near a floor drain or outside).
3. Locate the drain nut at the lower rear section of the unit.
4. Unscrew the drain nut slowly to allow water to begin draining.
5. Tilt the unit slightly forward or to the side to ensure all water is fully emptied from the tank.
6. Once drained, leave the drain outlet open for a few minutes to allow residual moisture to evaporate.
7. Wipe down the interior of the tank with a soft cloth if needed.
8. Securely reattach the drain nut before using the unit again or storing it.

### **IMPORTANT:**

- Always empty the tank before storing the cooler for long periods.
- Regular draining helps prevent bacterial build-up and unpleasant odours.

## **CLEANING AND MAINTENANCE**

**ATTENTION: Please turn off the appliance and disconnect from the mains before cleaning or performing any maintenance.**

### **CLEANING THE SURFACE**

- Clean the plastic housing with a duster or a soft wet cloth.
- Do not use chemical solvents (such as benzene, alcohol or gasoline) as they may cause irreversible damage.
- Make sure no water enters the control panel.
- Do not permit the area around the air cooler to become damp or wet. If dampness occurs, turn the output of the air cooler down. If the air cooler output volume cannot be turned down, use the air cooler intermittently. Do not allow absorbent materials, such as carpeting, curtains, drapes, or tablecloths, to be damp.

### **CLEANING THE WATER TANK**

- Unplug the appliance, then remove the screws securing the rear filter frame.
- Twist the lugs holding the filter frames to the unit and lift off the filters.
- Unscrew the three screws at the top of the rear honeycomb filter.
- Lift the rear honeycomb filter away from the unit.
- Unclip the side honeycomb filters and remove them from the rear of the unit.
- Drain the tank by removing the bung on the underside of the tank.
- With a cloth (dipped in a mild detergent), wipe the water tank and rinse it with water.
- Cleaning the water tank at least once a week will help reduce any mineral deposits and keep the filters clean.
- Do not run the unit in cooling mode with stale water in the tank.
- We recommend emptying the tank and refilling it with fresh water if water has been standing in the tank for an extended period of time.

**IMPORTANT: Failure to periodically clean may result in the growth of mould or bacteria, which can then be released into the air during operation.**

## MAINTAINING AND CHANGING THE HONEYCOMB FILTER PADS

The appliance is supplied with a set of honeycomb cooling/filter pads. The cleaning frequency for the honeycomb filters depends on local air and water conditions. In areas where the mineral content of the water is high (hard water), mineral deposits may build up on the honeycomb filter and restrict airflow. If mineral deposits remain on the honeycomb pads, the filter should be removed and washed under fresh water. We recommend cleaning the honeycomb filter at least every two months, depending on your needs.

For best results, allow the honeycomb filter to dry after each use by turning off the cooling function for 15 minutes (with an empty water tank) before turning the unit off.

Unplug the power cord, then Twist the lugs holding the filter frames to the unit and lift off the filters.

Lift the rear honeycomb filter away from the unit. Remove the side honeycomb filters following the same method. Scrub the honeycomb filter with a mild detergent and a soft brush, clean with water, and dry. Do not dip in water.

Replacement filters can be purchased for this unit under model: Arctic45ER-honeycomb

## END-OF-SEASON MAINTENANCE

1. Empty the tank and wipe it with warm soapy water.
2. Dry the tank and clean the Honeycomb pads
3. Store any Icepack you may use in the water tank
4. Cover the unit and keep it in a dry place.

## TROUBLESHOOTING

Do not repair or disassemble the unit yourself. Unauthorised repair attempts will invalidate the warranty and may cause bodily harm.

ISSUE	POSSIBLE CAUSE	SUGGESTED SOLUTION
No power or display is off	<ul style="list-style-type: none"><li>• Power cord not plugged in or poor contact</li><li>• No power from socket</li><li>• Honeycomb filter support not installed correctly</li><li>• Power button not pressed</li><li>• Circuit board fault</li></ul>	<ul style="list-style-type: none"><li>• Ensure the power cord is securely connected</li><li>• Test the socket with another appliance</li><li>• Reinstall the honeycomb filter correctly</li><li>• Press the power button</li><li>• Contact customer support</li></ul>
Display LED not working	<ul style="list-style-type: none"><li>• LED screen is damaged</li></ul>	<ul style="list-style-type: none"><li>• Replace the LED screen</li></ul>
No air output or weak airflow	<ul style="list-style-type: none"><li>• Fan blades stuck</li><li>• Filter is blocked</li><li>• Fan blade loose or not fixed</li><li>• Control panel error</li></ul>	<ul style="list-style-type: none"><li>• Inspect and clear obstructions from fan blades</li><li>• Clean or replace the filter</li><li>• Reinstall or replace the fan blade</li><li>• Contact the service to inspect the control panel</li></ul>
Motor not responding or out of control	<ul style="list-style-type: none"><li>• Faulty control panel button</li><li>• Loose wiring between motor and control board</li></ul>	<ul style="list-style-type: none"><li>• Replace the control panel</li><li>• Check and reconnect wiring securely</li></ul>

The water pump is not working	<ul style="list-style-type: none"> <li>• Blocked water pipe</li> <li>• Prolonged use without water damaged the pump</li> <li>• Scale buildup on the pump shaft</li> </ul>	<ul style="list-style-type: none"> <li>• Clean the water pipe with a small brush</li> <li>• Replace damaged water pump</li> <li>• Disassemble the shaft, clean debris, lubricate, and reassemble</li> </ul>
No dust removal	<ul style="list-style-type: none"> <li>• Honeycomb filter is clogged</li> <li>• Air inlet is blocked</li> </ul>	<ul style="list-style-type: none"> <li>• Remove and clean the filter</li> <li>• Clear any obstructions from the air inlet</li> </ul>
Odour from unit	<ul style="list-style-type: none"> <li>• Normal with new units</li> <li>• Mould or bacterial growth on the filter</li> </ul>	<ul style="list-style-type: none"> <li>• No action needed – odour fades within a week</li> <li>• Clean filter with mild antibacterial solution and dry thoroughly</li> </ul>
Drain valve leaking	<ul style="list-style-type: none"> <li>• Faulty valve</li> <li>• Rubber seal is missing or dislodged</li> </ul>	<ul style="list-style-type: none"> <li>• Replace the drain valve</li> <li>• Refit or replace the rubber seal</li> </ul>

Please contact customer support if the above solutions do not resolve the problem.

## TECHNICAL SPECIFICATION

<b>MODEL</b>	Arctic45ER
<b>DIMENSIONS</b>	485x342x970mm
<b>WEIGHT</b>	9.6kg
<b>RATED VOLTAGE</b>	220V
<b>RATED FREQUENCY</b>	50Hz
<b>RATED POWER</b>	120W
<b>FUSE SIZE</b>	3A
<b>TANK CAPACITY</b>	31.8L

## electriQ UK SUPPORT

[www.electriQ.co.uk/support](http://www.electriQ.co.uk/support)

Please, for your own convenience, make these simple checks before calling the service line.

If the unit still fails to operate, call 0330 390 3061 or complete the online form

1. Is the unit plugged into the mains?
2. Is the fuse OK?
3. Switch the unit off and wait three minutes to see if the issue is resolved. Restart the unit.

Office hours: 9 AM - 5 PM, Monday to Friday

www.electriQ.co.uk  
Unit 2A, Trident Business Park,  
Neptune Way, Leeds Road,  
Huddersfield, HD2 1UA

## APPENDIX

Disposal: Do not dispose of this product as unsorted waste. Collection of such waste must be handled separately as special treatment is necessary.



Recycling facilities are now available for all customers at which you can deposit your old electrical products. Customers will be able to take any old electrical equipment to participating civic amenity sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please contact the local council for details of your local household waste recycling centres.