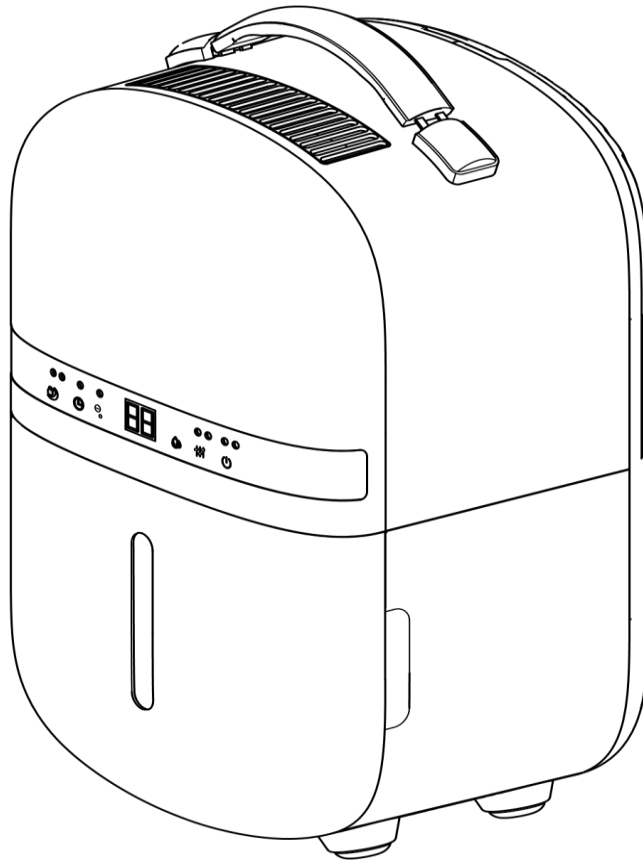


# electriciQ

## USER MANUAL



### AQUA-DRY AQUA-DRYB 5-LITRE COMPRESSOR DEHUMIDIFIER

Thank you for choosing electriciQ.

Please read this user manual before using this innovative dehumidifier 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

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# SAFETY INSTRUCTIONS

## IMPORTANT

- Carefully read the instructions before operating the unit.
- This appliance is only intended for use in an indoor domestic environment. The manufacturer does not recommend any other use and may cause fire, electrical shock or other injuries to a person or damage to property.
- Rating: This unit must only be connected to an AC 220-240V / 50 Hz earthed outlet. Installation must be in accordance with the regulations of the country where the unit is used.
- If you are in any doubt about the suitability of your electrical supply, have it checked and, if necessary, modified by a qualified electrician.
- This dehumidifier has been tested and is safe to use. However, as with any electrical appliance – care must be taken during use.
- **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
- Disconnect the power from the appliance before dismantling, assembling or cleaning.
- Avoid touching any moving parts of 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.
- Children should be supervised to ensure they do not play with the 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 a power outlet is not available, one should be installed by a qualified electrician.
- Never operate this appliance if the unit is damaged. Call the retailer first. Ensure the power cord is not stretched or exposed to sharp objects or edges.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- R290 refrigerant gas complies with European environmental directives.
- R290 has a low GWP (Global Warming Potential) of 3.
- An authorised service representative should perform any service other than regular cleaning or filter replacement. Failure to comply could result in a voided warranty.
- The unit must be disconnected from the power prior to any cleaning, maintenance or servicing.
- This unit contains a UVC light source, which is inaccessible.
- The unit must only be opened by a suitably competent engineer when the power is disconnected and after reading the service manual.

- Unintended use or damage to the casing may result in the escape of dangerous UV-C radiation. UV-C radiation may, even in small doses, cause harm to the eyes and skin.
- Do not use the appliance for any purpose other than its intended use.
- Do not tilt the unit while in use. The unit is designed to work only in a vertical position. This dehumidifier must always be stored upright; otherwise, irreparable damage may be caused.
- This unit will still operate for approximately 3-4 minutes after pressing the power button to turn off.
- Never use the mains plug as a switch to start or turn off the dehumidifier. Instead, use the power button provided on the control panel.
- Always place the unit on a dry and stable surface.
- The appliance should not be installed in a laundry or wet room where the humidity is higher than 85% RH. This unit should be operated at an ambient temperature between 5°C and 32°C.
- Do not dry laundry directly above the unit. To prevent water from entering the dehumidifier, laundry should be placed at least 40 cm away from your dehumidifier.
- Do not place the unit next to heat sources (e.g. electrical fires, fireplaces, etc.)
- Do not store or use gasoline, petrol, paint, solvents or other flammable vapours and liquids in the vicinity of this dehumidifier or any other

appliance. Do not use dehumidifiers where flammable gases or VOC can be released or accumulate.

- Do not use or store the unit in a room smaller than 4m<sup>2</sup>.

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

Do not cover or restrict the airflow from the outlet or inlet grills.

For maximum performance, the unit should be operated at least 20 cm away from walls and 50 cm from other objects within the room. Whilst storing the unit when not in use, ensure the same ventilation clearances as in operation. Do not store anything on top or leaning against the unit.

Always store the unit in a dry room away from direct sunlight.

Keep the appliance's filters and grills clean. Under normal conditions, filters and grills should only need cleaning once every three weeks (approximately). Do not use the unit without the mesh air filter, as this will allow dirt to gather inside the dehumidifier, which could invalidate the warranty.

A dirty filter restricts the airflow into the machine, increasing the resistance of the fan. This can damage the unit and invalidate your warranty.

Since the filters remove airborne particles, more frequent cleaning may be necessary depending on the air quality. Vacuum and wash the mesh filters with hot, soapy water and dry them before placing them back in the unit.



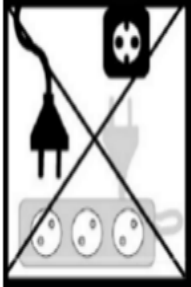
Exposed to the weather outdoors



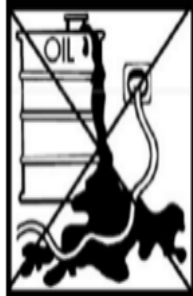
Near water



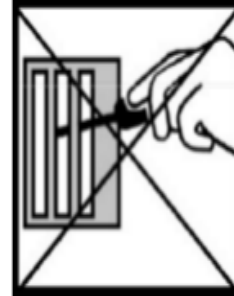
Where small children may be left unattended



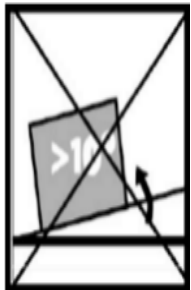
If an extension lead becomes overloaded



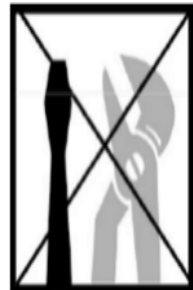
Where chemicals may damage it



Where there is a risk of interference by foreign objects



On a slope or uneven surface



This product is not for DIY repair



Where there is a risk of water falling on the unit



Flammable Refrigerant



Read the operating instructions.



Read the operator's manual.



Read the service/technical manual.

## FEATURES

Your dehumidifier belongs to the electriQ dehumidifier range.

1. Easy to use controls
2. Lightweight and portable
3. Cost-effective way to combat mould, condensation and damp
4. Designed to complement any modern space
5. Intelligent CPU-controlled digital humidistat with 35-80% RH and room humidity display
6. 24-hour stop timer
7. Easy to remove front tank.
8. Tank operation or permanent drainage option
9. Tank full alarm & auto-stop function
10. Auto restart following power cut.
11. Ioniser and optional carbon filter to improve air quality

## INSTALLATION

Remove any water from within the water tank before starting the unit. To save energy, do not open windows or doors while the unit is running. Place the unit on a hard/flat surface. On first use, run the unit continuously for 24 hours.

### ***TO REDUCE NOISE LEVELS:***

Place a piece of carpet or a rubber mat under the unit to reduce vibrations while it is running.

The AQUA-DRY dehumidifier uses compressor technology to extract water from the environment. Compressor dehumidifiers are ideal for normal domestic or office environments, which are heated during the winter months and maintain a temperature above 12-15°C. Your dehumidifier is lightweight and easy to move. It is designed to extract unwanted humidity while saving money due to its power-saving logic. The unit features an intelligent humidistat, where the desired relative humidity can be adjusted in increments of 5% between 35 and 80%, ensuring your room is not dried out too much and power is not wasted.

## POSITIONING THE DEHUMIDIFIER

A badly positioned dehumidifier will have little effect. When positioning the dehumidifier, please ensure air circulation is not restricted around the unit.

Allow at least 20 cm of space around the unit. This dehumidifier is designed only for indoor residential or small office applications, and any commercial or industrial use will invalidate the warranty.

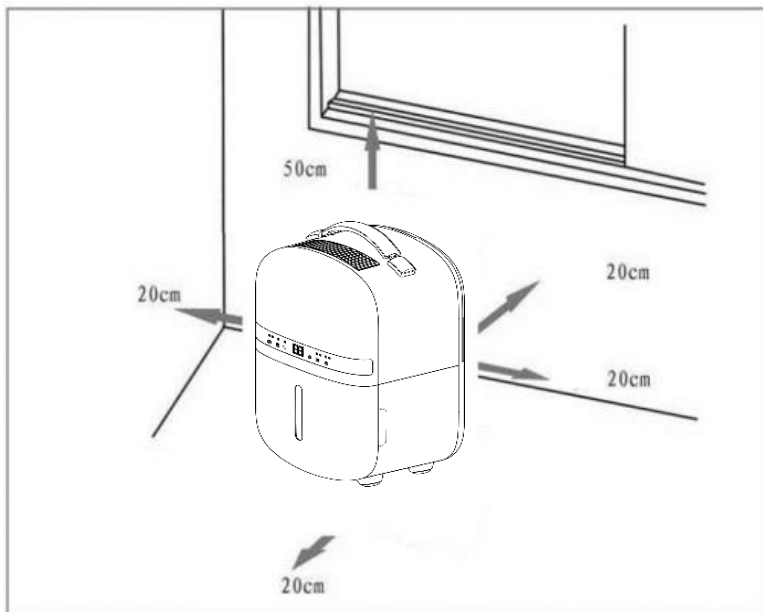
Use in an enclosed area for maximum efficiency: close all doors and windows to create an effective operating environment. Do not use outdoors.

Your electriQ dehumidifier will begin to protect your space from the harmful effects of excessive moisture as soon as it is turned on. Excess moisture is dispersed throughout your home. For this reason, the dehumidifier should be positioned in a central and clear location so that it can draw this moist air towards it from all over the home. A warm hallway or landing is an excellent position for your dehumidifier. If possible, leave interior doors ajar to allow air circulation.

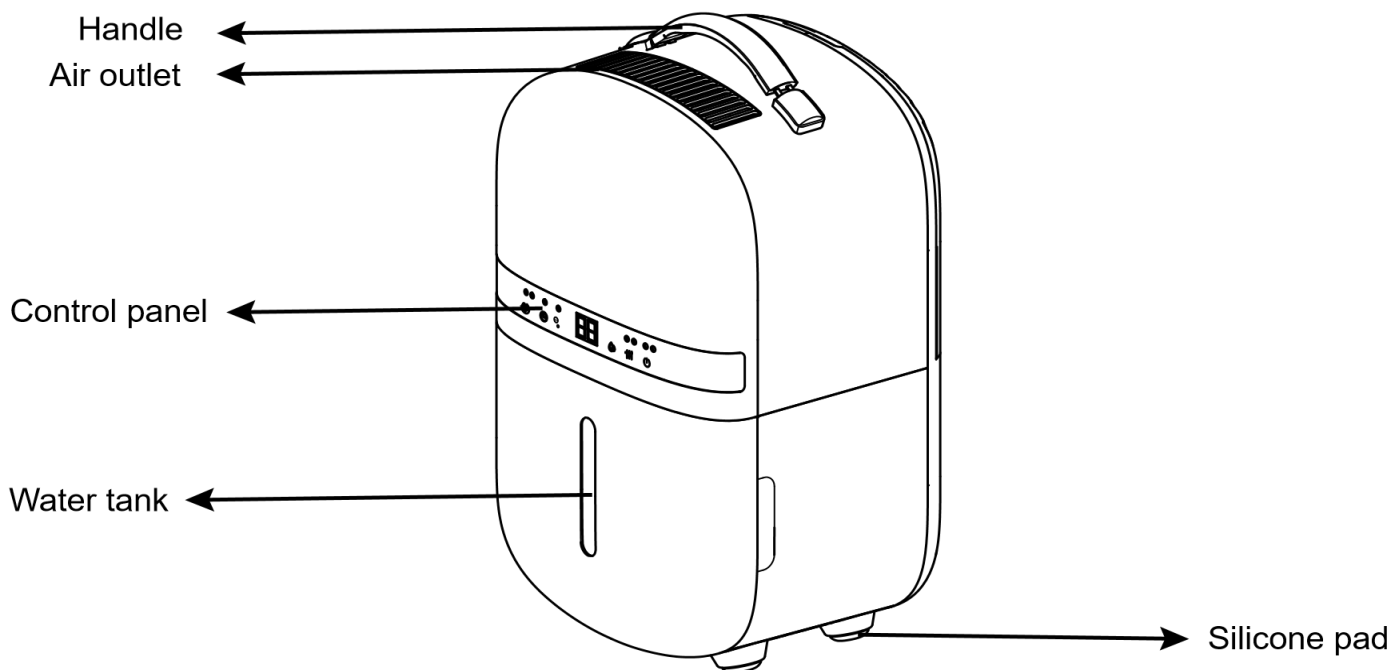
Alternatively, if you have a serious problem in one area, you can begin by positioning the dehumidifier there and moving it to a more central location later. For the most effective use, run your dehumidifier with external doors and windows kept closed. Please note that the unit should not be placed directly against a radiator or other heat source.

The water tank should be emptied before moving the appliance. When carrying the unit, it should be kept upright and sufficiently supported from its base.

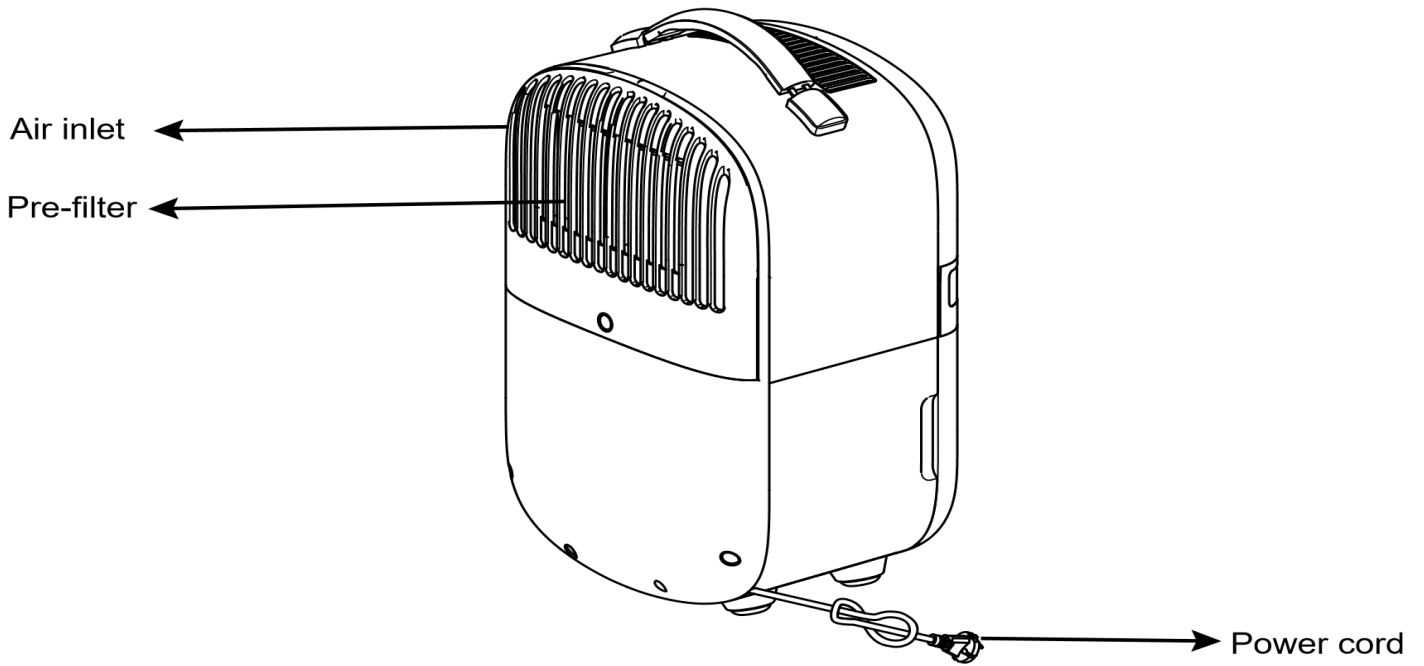
When positioning your electriQ dehumidifier, ensure that it is clear of any obstacle that may limit air movement. Place the dehumidifier on a flat, dry surface.



## PARTS

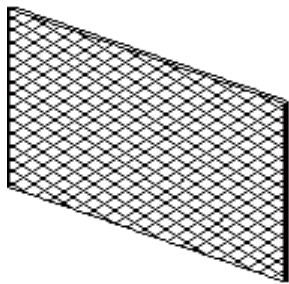






**OPTIONAL**

To fit the filters, remove the filter frame from the air inlet and place it flush with the air inlet. If both the carbon and HEPA filters are used in combination, the carbon filter should be inserted first.

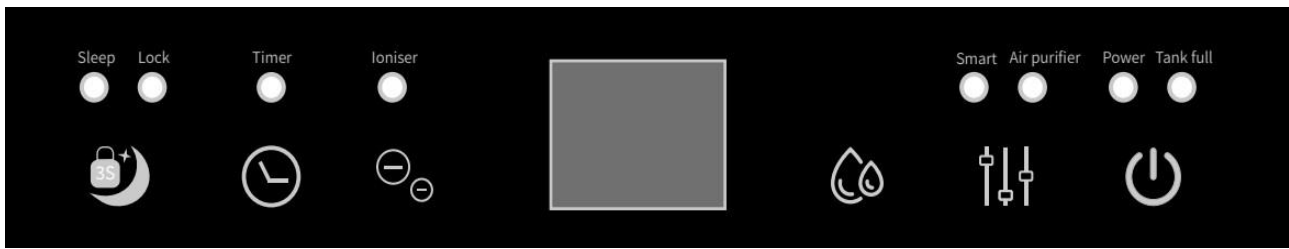








**CARBON FILTER** (Supplied)  
 Used for the removal of odours. Replacement Activated carbon filters are available from the retailer under reference: CARBON-AQUADRY



**HEPA FILTER** (Not Supplied)  
 Used for the removal of airborne particles. HEPA filters are available from the retailer under reference: HEPA-AQUADRY

## CONTROL PANEL



	<p><b>POWER BUTTON</b> Turn the appliance on/off. Note: When the power light is flashing, the unit is in defrost mode</p>
	<p><b>MODE BUTTON</b> Select the unit's operating mode between Smart and Air Purifier. <b>SMART MODE:</b> The unit will start dehumidifying when the humidity increases to 5% above the desired humidity and will stop when the humidity drops to 5% below the desired humidity. The default desired humidity is 55% RH. Use the humidity button to adjust the desired humidity. <b>AIR PURIFIER MODE:</b> The fan will run without a dehumidifying effect. This is ideal when the unit is only to be used as an air purifier. It can also be used in combination with the ioniser function.</p>
	<p><b>HUMIDITY BUTTON</b> Repeatedly press to adjust the desired humidity. The currently selected level will be shown on the display. This button is also used to change the duration of the timer after pressing the TIMER button.</p>
	<p><b>IONISER BUTTON</b> Press to turn the ioniser on and off. The ioniser indicator will illuminate to show the feature is activated.</p>
	<p><b>TIMER BUTTON</b> Press the TIMER button to program the timer. When the timer is activated, the "TIMER" light will illuminate. Before programming the timer, ensure the timer function has not been activated (the light must be off). The following timer programs are available. <b>DELAYED POWER-OFF FUNCTION:</b> While the appliance is running with the desired settings, press the TIMER button to initiate the timer and then repeatedly press the HUMIDITY BUTTON to set how many hours you require the unit to stop (0-24 hours). <b>DELAYED POWER-ON FUNCTION:</b> While the appliance is on standby, press the TIMER button to initiate the timer and then repeatedly press the HUMIDITY BUTTON to set how many hours you require the unit to start (0~24 hours). The unit will operate with the previously used settings.</p>
	<p><b>SLEEP BUTTON</b> Press the button to activate sleep mode. All indicators other than the sleep indicator will turn off. Press and hold the button for 3 seconds to lock the control panel. The lock indicator will illuminate. When the lock is initiated, the unit will also enter sleep mode. To avoid this, the unit should be put into sleep mode before activating the lock.</p>

## DISPLAY



During normal operation, the current humidity of the room is shown.

Shows the desired humidity when the HUMIDITY button is pressed.

Shows the timer duration when the TIMER button is pressed.

## NOTES

- If a permanent drainage pipe is fitted, the unit will not stop operating. Setting the desired humidity to around 35% is good for laundry mode, a quick drying boost, or in emergencies. It is not recommended for long normal operation in a domestic or office environment.
- To allow more moisture in the air, set a higher desired humidity (e.g. 60-70%).
- We recommend setting the desired humidity to 50-55%. This is great for domestic operation and dry storage
- Setting the humidity to 60% is great for personal comfort and applications where 50% RH is considered too dry
- Setting the humidity to 70% is ideal for unoccupied properties or where an economical run is needed without further reducing the humidity.

## OTHER FEATURES AND INDICATORS

### TANK FULL INDICATOR

When the water tank is full, removed, or incorrectly inserted, the unit will stop dehumidifying, and the TANK FULL indicator will illuminate. Empty the tank and reinsert it correctly to resume operation.

### AUTO DEFROST

When frost builds up on the evaporator coils, the compressor cycles off, and the unit goes into defrost mode. Following the defrost mode's completion, the unit returns to its previous operating settings.

- When the unit is running in a room with a temperature between 5°C and 12°C, it will enter defrost mode for 8 minutes, roughly every 20 minutes.
- When the unit is running in a room with a temperature between 12°C and 18°C, it will enter defrost mode for 8 minutes roughly every 25 minutes.
- When the unit is running in a room with a temperature between 18°C and 23°C, it will enter defrost mode for 8 minutes, roughly every 120 minutes.

### POWER

To protect the compressor, it is not recommended that the operation resume for at least 5 minutes after the unit has stopped. The operation can resume after this period lapses. When the unit is restarted, there is a 3-minute delay before the compressor starts.

### AUTOMATIC RESTART

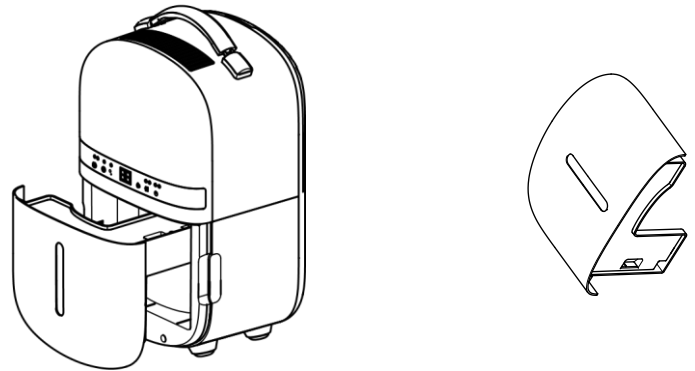
If, for any reason, there is a power cut and the appliance is still plugged into the main power supply, when the main power is restored, the unit will automatically restart and continue to function normally.

## WATER DRAINAGE

When the water tank is full, the unit will stop automatically. When this happens, the TANK FULL indicator will illuminate

**NOTE:** Only empty the water tank when it is full or before moving or storing the unit.

There are two ways to dispense collected water.



### USE THE TANK

When the tank is full, the unit automatically stops running, and the TANK FULL indicator illuminates. Slowly pull out the tank. Empty the water tank and reinsert it into the dehumidifier. The tank must be in place and securely seated for the dehumidifier to operate again. The dehumidifier will restart when the tank is restored to its correct position.

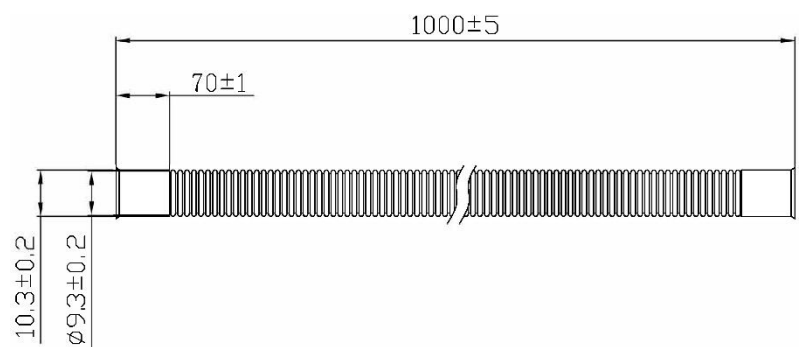
### NOTES:

When you remove the water tank, please do not touch the sensors or any parts behind it. Doing so may damage the product. Be sure to push the tank gently all the way into the unit. Banging the bucket against anything or failing to push it in securely may cause the unit not to operate. Do not remove any parts from the water tank or tank enclosure. The full water sensor will no longer be able to detect the water level correctly, and water may leak from the water tank.

### CONTINUOUS DRAINAGE (PIPE NOT INCLUDED)

Attaching a pipe to the unit allows water to be automatically plumbed in or drained into a sink, a larger recipient, or through the wall into an outside drain. Remove the rubber bung on the rear of the unit and insert the pipe into the drain outlet at the back of the unit.

Make sure the connection between the pipe and the drain outlet is tight and does not leak. Then, direct the pipe to a suitable drainage point. This unit uses gravity to dispose of water; hence, the drain should be lower than the water outlet on the unit. Put the tank back. Be sure to run the water pipe downward and let the water to flow out smoothly. Do not kink or bend the pipe.



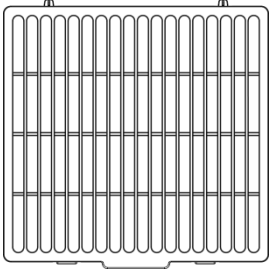
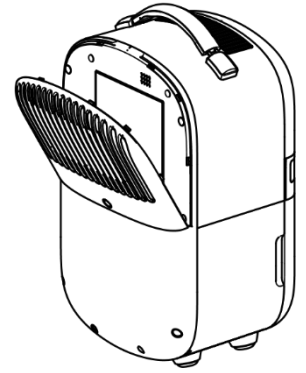
The permanent drain can be used in conjunction with an external water pump (e.g. when draining from a cellar) to lift the water upwards. The drainpipe is not included in the product; please purchase one using the dimensions provided.

## CARE AND MAINTENANCE

Always shut off the unit and unplug it from the mains before cleaning or performing any maintenance. When it is not in use for long periods, it is advisable to remove the plug from the power socket. Please do not use chemical solvents (such as benzene, alcohol, or gasoline), as they may cause irreversible damage to the unit.

## 1. CLEAN THE GRILLE AND CASE

Use water and a mild detergent to clean the washable filter frame. Do not use bleach or abrasives. Do not splash water directly onto the main unit. Doing so may cause an electric shock, deteriorate the insulation, or cause the unit to rust. The air intake and outlet grilles get soiled easily, so use a vacuum attachment or soft brush to clean them. Wipe the dehumidifier body with a soft, damp cloth or kitchen towel.



Remove the filter frame. If the optional carbon filters are fitted, remove them from the frame and Hoover gently approximately every 2-3 weeks.

If the mesh filter is dirty, Hoover it. If it is heavily soiled, wash it with warm, soapy water and dry it thoroughly before reinserting it in the unit.

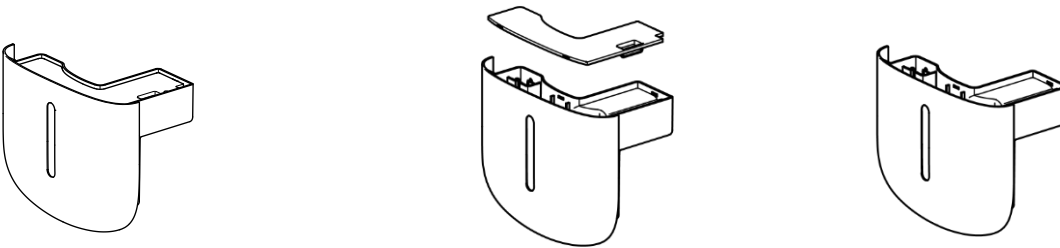
When filter cleaning is finished and the filters are dry, place them back into the unit.

**NOTE:** While the carbon filter is optional, never run the unit without the filter frame correctly inserted.

## 2. CLEAN THE WATER TANK

Clean the tank every few weeks to prevent the growth of mould, mildew, and bacteria. Partially fill the tank with clean water and add a little mild detergent. Swish it around, then empty the tank and rinse.

**NOTE:** Do not use a dishwasher to clean the tank. After cleaning and drying, the tank must be reinserted securely into a dehumidifier in order to restart operation.



## END-OF-SEASON MAINTENANCE

1. Run the unit for at least 30 minutes in Air Purifier mode; this will allow the unit to internally dry.
2. After 30 minutes, empty and clean the water tank, ensuring it is fully dry before reinserting into the unit.
3. Clean the unit and the filters as per the cleaning procedure above.
4. Coil the power cord on the special cord storage rest at the back of the unit
5. Cover the unit and keep it in a dry place.

## FREQUENTLY ASKED QUESTIONS

### Why doesn't the dehumidifier seem to extract much water if the temperature is low?

This is a compressor dehumidifier which works best in temperatures above 15°C. If the temperature is low and the air is dryer than the setting on the humidistat, the unit will not extract water. If you want to use a dehumidifier for outside buildings, unheated properties, boats or garages, please check our desiccant range.

### Why doesn't the unit work /or stops suddenly?

The water tank may be full or displaced. To rectify this, empty the tank and carefully place it back in the unit. Also, the unit may be running in dehumidifying mode with a low room temperature. Please check if

the room temperature is lower than 5°C. If so, the unit will stop working while in dehumidifying mode. (The unit may be defrosting.)

The ambient operating range is between 5°C and 35°C, with relative humidity ranging from 35% to 80%. For maximum efficiency, use the unit between 15°C and 32°C.

**Sometimes cold and hot air comes out from the air outlet grill; why?**

When the unit is in dehumidifying mode, it absorbs humid air from the room and freezes it to reduce the humidity. During the cold cycle, cold air should come out of the unit. During the hot cycle, hot, dry air should come out of the outlet grill.

## **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.**

1. Has the unit been standing upright for at least 2 hours?
2. Is the unit plugged into the mains?
3. Is the fuse OK?
4. Switch the unit off and wait three minutes to see if the issue is resolved. Restart the unit.
5. Check if the water tank is full.
6. Was the troubleshooting guide followed?

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

Office hours: 9 AM - 5 PM Monday to Friday

Unit 2A, Trident Business Park,

Neptune Way, Leeds Road,

Huddersfield, HD2 1UA

## TROUBLESHOOTING

Issue	Cause	Solution
Hot or cold air being produced.	Normal Operation	When the unit is in dehumidifying mode, it absorbs humid air from the room and freezes it to reduce the humidity. During the cold cycle, there should be cold air coming out of the unit During the defrost cycle, hot, dry air should be coming out of the outlet grill.
The unit does not operate.	Is the plug properly inserted in the socket?	Insert the plug into the socket and turn the switch on.
	Is E2 displayed on the control panel	The tank is full, the float is displaced, or the tank is not properly inserted. Empty the tank, check the float, and make sure the tank is properly inserted in the unit.
The dehumidifier does not extract water	Is the unit set to a humidity level lower than the one in the room?	Set the humidity level on the humidistat below the current humidity reading.
	Is the temperature too low for water extraction to be efficient?	Increase the temperature in the room or reposition the unit.
	Is any intake grill or discharge blocked? Is the unit too close to walls.	Remove obstructions and restart the unit. Ensure a distance of at least 20 [cm between the unit & walls
Airflow seems weak	Is the filter dirty or clogged?	Please service the filters regularly as per the user manual.
The unit is noisy during operation.	Is the unit on an uneven surface?	Please place it on a flat horizontal surface.
	Is the filter clogged?	Please service the filters regularly as per the user manual.
E3 or E4	Humidity sensor error	Use the unit within the prescribed humidity range. Unplug the unit rest and plug it back in. If the error repeats, call the service centre.
E1 or E2	Temperature sensor error	Use the unit within the prescribed temperature range. Unplug the unit rest and plug it back in. If the error repeats, call the service centre.
Tank full indicator light	Water tank full notification	The tank is full or is not in the right position. Empty the tank and replace it in the right position.
Any other malfunctions must be reported to the electriQ service centre. Do not attempt unauthorised repairs, as these may invalidate the warranty.		

## TECHNICAL DATA

Model	<b>AQUA-DRY / AQUA-DRYB</b>
Voltage	220-240V~50Hz
Dehumidifying capacity	5L / day (at 30° C / 80%RH)
Fan Speeds	1
Electrical Equipment Type	Class 1
Ingress Protection	IPX1
Rated Input Power	155W
Running Amps	0.75 Amps
Tank Capacity	1.5 litres
Desired Humidity Range	35 – 80%
High / Low Pressure	3.2/0.7MPa
Filters	Carbon (Optional)
Weight (Kgs)	7.5
Refrigerant	R290, 30 grams
GWP	3
Dimensions	253x215x410mm
  	

**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, where they can deposit their old electrical products. Customers can take any old electrical equipment to participating 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 get in touch with the local council for details of your local household waste recycling centres.



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