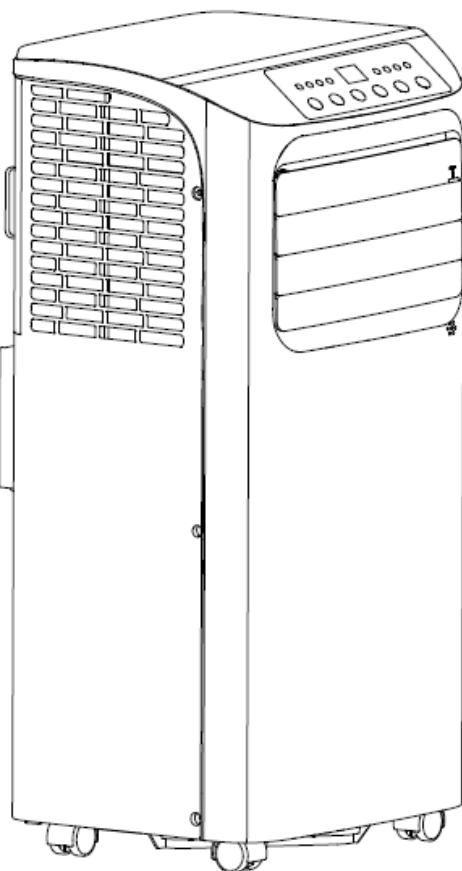




# User manual



## PORTRABLE AIR CONDITIONER

**SF8000E-V5**

**SF10000E-V2**

Thank you for choosing electriQ.

Please read this user manual before using this innovative Air Conditioner 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.

# Welcome to **electri**Q

We hope you're happy with your new purchase.

We'd love to see how you're getting on.

If you share any snaps on your socials,  
make sure you tag us and use our hashtag.



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

## We're here to help

Got a question or need help?

Get in touch with our friendly 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 for indoor use only.
- Rating: This unit must only be connected to a 220-240 V / 50 Hz earthed outlet. The fuse rating can be found on the plug itself.
- Installation must be in accordance with the applicable 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 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 that they do not play with the appliance.
- You must follow the installation instructions; Incorrect operation can result in damage to the unit, which is not covered under your warranty.
- This air conditioner has been tested and is safe to use. However, as with any electrical appliance, use it with care.
- This appliance is designed for personal comfort and as such should not be left operating unattended for prolonged periods.
- Do not obstruct any of the ventilation openings.
- The airflow should never be restricted, for example, by venting the unit into a condenser box, reducing the hose diameter, or extending the length of the hose as this can damage the unit.
- Disconnect the power from the appliance before dismantling, assembling or cleaning.
- An authorised service representative should perform any service other than regular cleaning or filter replacement. Failure to comply could result in a voided warranty.
- Avoid touching any moving parts of the appliance.
- Never insert fingers, pencils or any other objects through the guard.
- **WARNING:** Do not pierce or burn any part of the unit.
- 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 to avoid a hazard.
- **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.
- Do not use the appliance for any purpose other than its intended use.

- **The air conditioner unit must always be stored and transported upright; otherwise, irreparable damage may be caused to the compressor. If there is doubt, we suggest waiting at least 24 hours before starting the unit.**
- Avoid restarting the air conditioning unit unless 3 minutes have passed since being turned off. This prevents damage to the compressor.
- Never use the mains plug as a switch to start and turn off the air conditioning unit. Use the provided POWER button located on the control panel.
- Always place the unit on a dry, stable, flat surface.
- The appliance should not be installed in the laundry or wet rooms.
- The appliance must be placed in a room without sources of ignition (for example, open flames, an operating gas appliance or an operating electric heater).
- R290 refrigerant gas complies with European environmental directives.
- R290 has a low GWP (Global Warming Potential) of 3.
- The SF8000E contains about 120g of R290 refrigerant gas, and the SF10000E contains about 170g of R290 refrigerant gas.
- Do not use or store in unventilated spaces with an area smaller than 5.74 m<sup>2</sup> per unit for SF8000E and 8.13 m<sup>2</sup> per unit for SF10000E. Smaller room sizes may be suitable if other safety measures are implemented and a risk assessment conducted. The room must be designed to prevent the stagnation of possible refrigerant leaks, as there could be a fire or explosion hazard if the refrigerant comes into contact with electric heaters, stoves, or other sources of ignition.
- **WARNING:** The appliance must be stored in a room without continuously operating ignition sources, for example, open flames, an operating gas appliance or electric heaters.
- The room must be such as to prevent stagnation of possible leaks of refrigerant gas, as there could be a danger of fire or explosion should the refrigerant come into contact with electric heaters, stoves or other ignition sources.
- Only store and use the unit whilst upright; do not lay it down or tip it.
- Do not place the unit near any ovens or other heat sources. This may be dangerous and will make the unit work harder and use more energy.
- Do not place the unit in direct sunlight; this can affect its appearance and cause it to work harder and be less energy efficient.
- Refrigerant gas may be odourless.
- Do not use the product and contact the retailer for advice if damage has occurred to the unit, which may have compromised the refrigerant system.
- Any repairs or maintenance must only be conducted by a suitably qualified engineer. Before opening and servicing the unit, the authorised engineer must possess a copy of the manufacturer's service manual and follow the safety information contained within it to ensure all hazards are minimised.
- The refrigerant system should not be perforated or punctured.
- At the end of the unit's lifetime, always dispose in line with local regulations.
- Ensure all storage conditions in the manual are followed.
- **WARNING:** Do not use means to accelerate the defrosting process or to clean the unit.

	<b>WARNING:</b> This appliance contains flammable refrigerant. If this leaks and comes into contact with an external ignition source, there is a fire risk.
	<b>CAUTION:</b> The operation manual should be read thoroughly.
	<b>CAUTION:</b> Any service personnel working on the unit should read the service manual prior.
	<b>CAUTION:</b> Information on operation and servicing is in the manual.

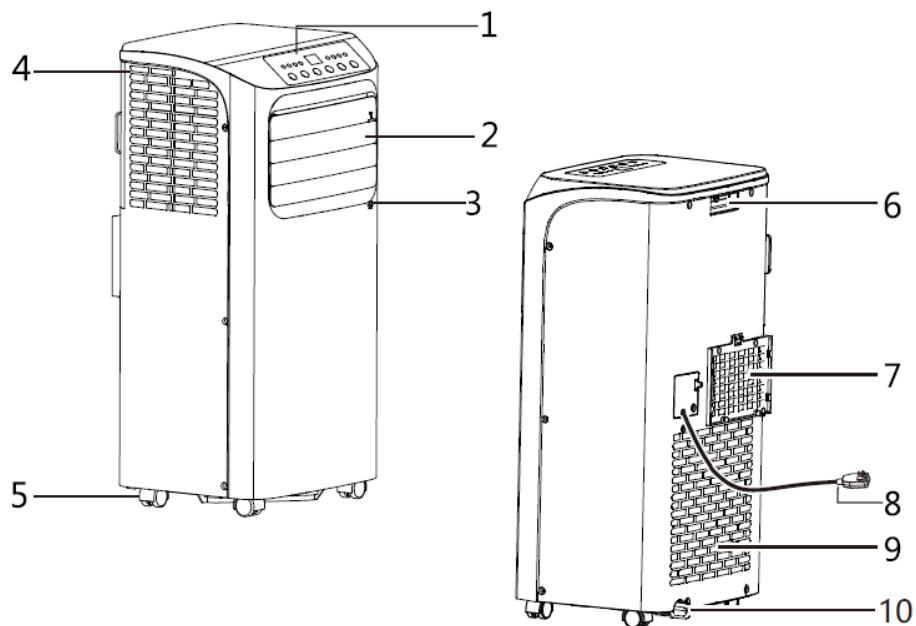
## ENERGY SAVING AND UNIT SAFETY PROTECTION TIPS

- Do not cover or restrict the airflow from the outlet or inlet grilles.
- For maximum performance, the minimum distance from a wall or object should be 50cm.
- 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.
- For the initial start-up, set the fan speed to maximum and the thermostat to 5 degrees lower than the current temperature. Afterwards, set the fan switch to low and set the thermostat to your desired setting.
- To protect the unit, we recommend not using the cooling function when the ambient temperature exceeds 35 °C. The unit's performance may be affected at lower temperatures than this. If a scorching day is predicted, running the unit overnight in the desired room is recommended.

## FEATURES

- Self-evaporative system – You will not need an external water tank.
- Modern design and simple operation
- Bright LED screen - Indicates temperature and current mode.
- On/Off timer function - Allows you to choose when the unit operates.
- Castors and handle for portability.
- Compressor protection technology for extended life span.

## PRODUCT OVERVIEW



No.	DESCRIPTION
1	Control Panel
2	Louvres
3	Remote Control Receiver
4	Intake Grille
5	Castors
6	Handle
7	Air Outlet Grille
8	Power Cable
9	Intake Grille
10	Condensate Drain

## PART LIST

IMAGE	DESCRIPTION	QTY
	Exhaust hose, Outlet adaptor and Fishtail adaptor	1
	Window slide bar	1
	Locking screw	2
	Remote	1
	Drainage hose	1

**IMPORTANT:** All diagrams in the manual are for illustration purposes only.

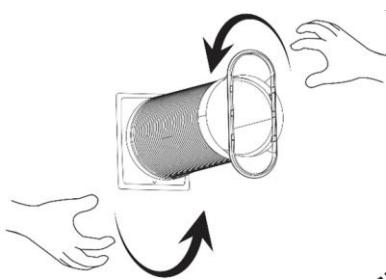
## INSTALLATION

**WARNING:** Before using this appliance, keep it upright for at least 3-4 hours to allow the gases within the refrigerant circuit to settle.

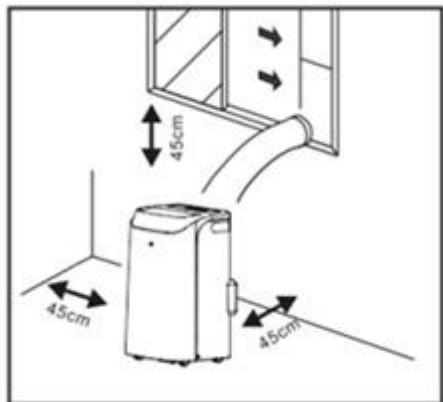
This unit can easily be moved from one room to another. While moving the unit, please keep it upright and on an even surface.

### FITTING THE EXHAUST HOSE TO THE UNIT

**IMPORTANT:** You only need to attach the exhaust hose when using the unit in cooling mode.



- 1) Attach the fishtail connector to the end of the hose by extending the end and then twisting until firmly attached (At least 3 full rotations).
- 2) Attach the Hose to the Outlet adaptor in the same way by extending the end and then twisting until firmly attached (At least 3 full rotations).

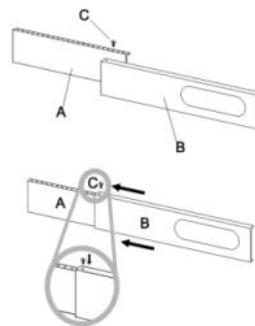


- 3) Slide the Outlet adaptor into position on the rear of the unit.
- 4) Make sure the unit is upright, and there are no obstructions to the air inlets and outlet grilles, with at least 45cm of space to the sides and rear of the unit. Failure to allow adequate space for the appliance's air intake can reduce performance and, in severe cases, cause the unit to freeze.

## FITTING THE WINDOW KIT

The window slide bar has been designed to fit most standard vertical and horizontal window applications.

1. Slide panel B into A, and place it in your window.
2. Slide the panels apart until they are the full width of the window opening.
3. Use the 2 screws supplied to secure the window slide bar through the corresponding holes.
4. Clip the Fishtail adaptor into the Slide bar, and close the window onto the window slide bar to close the window opening (which will prevent hot air from re-entering the room)

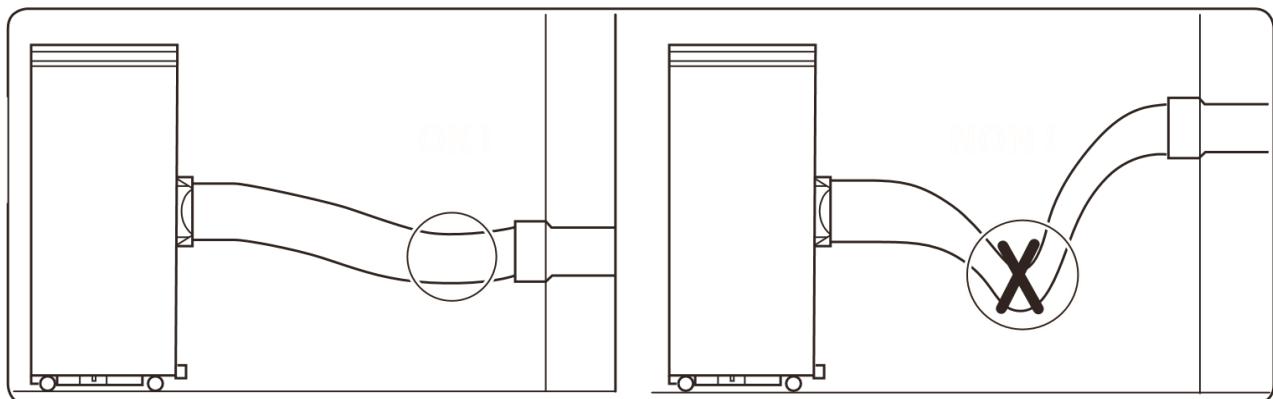


### NOTES:

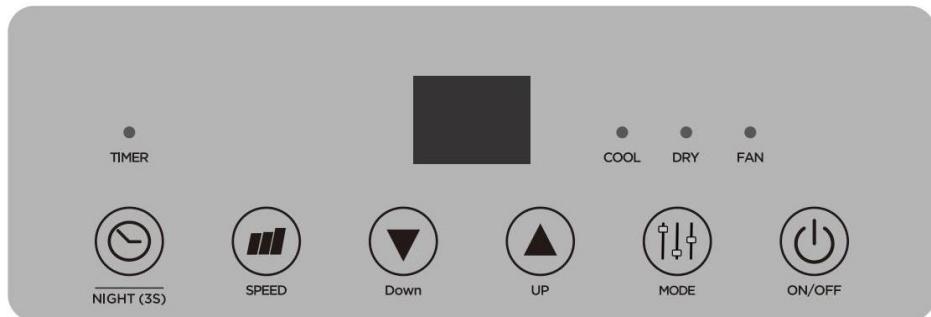
- The window slide bar is only designed to be installed with sliding or sash windows or doors. The window kit is not designed to be used with any other window style, although it may be possible to modify it to work with other windows.
- The fishtail adaptor can be used without the slide bar with most windows/doors.
- When using the air conditioner, ensure that the opening around the fishtail adaptor is as small as possible to ensure the unit's efficiency is not reduced.
- The best form of installation is through a wall duct. By adequately venting, you expel hot air from your room while efficiently cooling it.
- Your air conditioner should be used without the vent pipe in dry mode. When using dry mode, ensure an external water tank is used, monitored, and regularly emptied to prevent overflow.

## IMPORTANT SAFEGUARDS

- Please read all safety instructions in this manual.
- The supplied hose extends from 30 cm to 180 cm.
- Do not extend the hose, or restrict airflow through it, as this can result in the appliance overheating, which can result in internal damage to the appliance.
- Keep the hose as straight and short as possible and avoid bending or angling the air hose by more than 30 degrees to maintain the unit's performance. Excessive bends in the hose may prevent the unit from expelling hot air, leading to internal damage.
- To avoid bending the hose, the unit can be raised using a stable, flat structure.
- Failure to follow any of the setup and installation instructions will result in an invalidated warranty.



## OPERATION



	<b>ON/OFF:</b> Press once to turn the unit on and once to turn it off. After the first use, the unit will remember the last mode used, and that mode will be active when you turn the unit on again.
	<b>MODE:</b> Press repeatedly to cycle through available modes.  <b>COOL:</b> Press the MODE button until the cool indicator is illuminated. Then use the UP and DOWN buttons to select your desired room temperature. The temperature can be set between 16°C and 31°C. The fan speed can be adjusted using the speed button.
	<b>FAN:</b> You do not need the exhaust attached in this mode, but you can keep it attached if you like. Press the mode button until the fan indicator is illuminated. The fan speed can be adjusted using the Speed button.  <b>DRY:</b> This mode is ideal for reducing the humidity in your home. To prevent the unit from turning off in high-humidity environments, it is advisable to set it up for continuous drainage. The temperature can be set between 16°C and 31°C, and should be set below the current room temperature for the compressor to work. You do not need the exhaust attached in this mode.
	<b>UP:</b> Press to increase the desired room temperature and extend the timer duration.
	<b>DOWN:</b> Press to decrease the desired room temperature and shorten the timer duration.
	<b>SPEED:</b> Press to change the fan speeds. These appliances have 2 speeds: Low (F1 on the display) and High (F2). Note: The extraction fan supplying the vent hose automatically adjusts its speed based on internal temperatures.
	<b>TIMER:</b> The timer can be used to start or stop the unit.  <b>POWER ON TIMER</b> Select your desired mode, then turn off the unit using the ON/OFF button. Press the TIMER button to set the power-on timer. Use the UP and DOWN buttons to adjust the timer duration (1 to 24 hours). The Timer indicator will turn on, and the unit will start after the selected number of hours.  <b>POWER OFF TIMER</b> With the appliance running and set to the desired settings, press the TIMER button to set the power-off timer. Use the UP and DOWN buttons to adjust the timer duration (1 to 24 hours). The timer indicator will illuminate, and the unit will stop after a selected number of hours.

### TURN OFF DISPLAY:

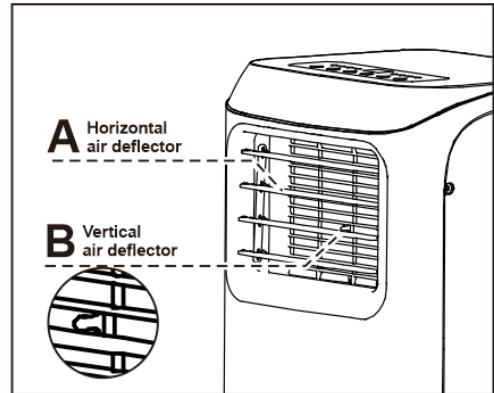
Hold the TIMER button for 3 seconds to turn off the display. This is ideal for dark bedrooms. Hold the button again to turn the display back on.

### SWITCH BETWEEN CELSIUS / FAHRENHEIT

Hold down the up and down buttons for 3 seconds to switch the appliance between Fahrenheit and Celsius temperature display.

## ADJUSTING THE MANUAL LOUVRES

You can manually adjust the louvres to change the airflow direction. Carefully adjust using your hand to your desired position.



## REMOTE CONTROL



	ON/OFF	Used to turn the appliance on and off.
	UP and DOWN	Used for adjusting the desired room temperature and timer duration
	SPEED	Used to adjust the fan speed between Low (F1) and High (F2)
	MODE	Used to change between Cooling, Dry and Fan Modes.
	LIGHT	This will turn the display on and off.
	TIMER	Used to set the Power on or power off timer, adjusting the duration with the UP and DOWN buttons.
	SLEEP	This function is only available on the remote when the unit is in Cool or Dry modes. When activated, it will reduce the fan speed and dim the display. The unit will increase the desired room temperature by 1 degree per hour for 2 hours, then maintain it for 6 hours before turning the appliance off.

**IMPORTANT:** The remote will not work if you are further than 7 metres away. Always point the remote at the unit in use. Ensure the batteries are securely installed in the remote when in use.

## REPLACING THE BATTERIES

Remove the battery cover, insert 2 x AAA batteries following the correct polarity, then reattach the battery cover securely. Do not use the remote if the battery cover does not securely attach.



## MULTI PROTECTIVE FUNCTIONS

### **FROST PROTECTION**

In COOL and DRY modes, if the exhaust temperature is too low, the machine will automatically stop until the temperature rises.

### **OVERFLOW PROTECTION**

When the water in the internal water tank exceeds the maximum level, the machine will stop operating, and the LCD will display "HL". To resume operation, empty the internal water tank. After emptying the water, the machine will automatically return to its original state.

### **AUTO-DEFROST**

The machine has an automatic defrosting function. If the temperature of the internal coils drops too low during operation, the unit will enter auto defrost.

### **AUTOMATIC THERMAL PROTECTION**

To protect the machine's service life, it features automatic thermal protection. If the unit's temperature is outside the specified range, the compressor and the lower motor will stop. After the machine's temperature returns to normal, the appliance will automatically resume regular operation.

### **COMPRESSOR PROTECTION**

There is a 3-minute delay before starting the compressor after it has stopped running to prevent damage.

### **POWER DOWN MEMORY**

If power is cut to the unit, upon restoration, the air conditioner will resume operation with the same settings as before the power interruption (after the compressor protection period).

**NOTE:** Any timer set before the power interruption will not be saved.

# CLEANING AND MAINTENANCE

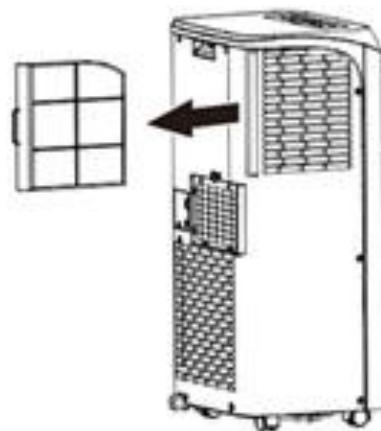
**PLEASE SHUT OFF THE UNIT AND UNPLUG FROM THE MAINS BEFORE CLEANING OR PERFORMING ANY MAINTENANCE**

## CLEAN THE SURFACE

Clean the machine's surface with a wet, soft cloth. Do not use chemicals such as benzene, alcohol, or gasoline, as acidic, corrosive, or alkaline substances may cause damage to the surface and/or the internal workings of the machine.

## AIR FILTER CLEANING

If the filter screen is clogged with dust, the air conditioner's effectiveness is reduced. The filter screen should be cleaned every 2 weeks or as often as needed in your environment.



## CLEAN THE TWO FILTER SCREEN FRAMES

Remove the filter screens by gently pulling the base outwards to unclip them from the appliance. Once removed, put the evaporator filter screen into warm water with neutral detergent (about 40 °C /104°F) and dry it in the shade after rinsing it clean.

## EMPTYING THE INTERNAL WATER TANK

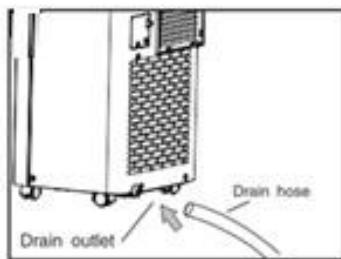
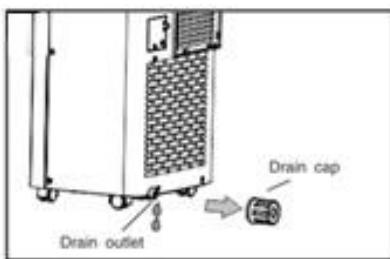
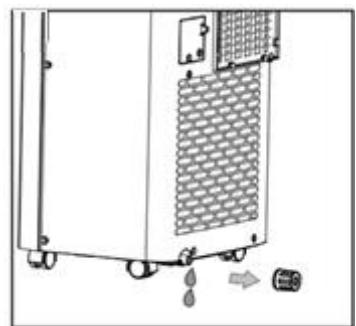
When the internal water tank is full, the unit will stop working and display the HL error. There are 2 options for draining the internal water tank:

### 1) MANUAL DRAINAGE:

The unit should be manually drained before any prolonged storage, and the END-OF-SEASON MAINTENANCE instructions should be followed.

Turn off the unit and unplug. Avoid abrupt movements of the appliance, as this may cause water in the internal tank to spill out.

Place a tray in a drainage area under the drain port. Remove the cap from the drain port - water will drain from the internal tank. Once the tank is empty, replace the cap.



### 2) CONTINUOUS DRAINAGE:

Remove the cap from the drain port. Connect a drainage pipe (12.7mm internal diameter) to the drain port. You can plumb this pipe into your current plumbing system, lead it outside, use gravity fall, or use an external water pump.

## END-OF-SEASON MAINTENANCE

1. Remove the cap from the drainage holes and empty the internal tank. You can also drain the water by leaning the unit backwards.
2. Run the unit in fan mode, with a low fan speed, with the cap still removed and a container under the drain port.
3. Keep the unit in this mode for half a day - until the conduit is dry. Doing this helps to keep the inside of the unit dry and prevents mould from developing.
4. Turn off the unit and disconnect the plug.
5. Replace the rubber stopper.
6. Coil the cable, bind it together, and put it into the cable storage compartment.
7. Separate the vent pipe and store it safely.
8. Cover the unit and keep it in a dry place.
9. Take the batteries out of the remote control and store or dispose of them safely.
10. Keep all accessories with the unit ready for next season.

## TECHNICAL SPECIFICATION

Model	SF8000E-V5	SF10000E-V2
Cooling capacity:	7,000 BTU	9,000 BTU
Rated Input:	900W	1380W
Running Current:	4.2A	6.7A
Fan:	2 speeds	
Airflow:	250m <sup>3</sup> /h	
EER Rate:	2.6 / A	
Refrigerant:	R290/120g	R290/170g
Sound Power Level:	63dB(A)	
Sound Pressure Level*:	53 - 54dB(A)	
Thermostat:	16-31°C	
Maximum Allowable Pressure of suction/ exhaust side:	2.1/4.2Mpa	2.1/4.2Mpa
Maximum Allowable Pressure	5 Mpa	
Power Supply:	AC 220-240V/50 Hz	
Net Weight:	18.7 kg	21.7kg
Dimension(L*D*H):	336*296*691 mm	

\* Measured at a distance of 1m in accordance with EN ISO 11201:2010

Sound power provides a consistent measure of an appliance's acoustic output, allowing easy comparison between appliances. In contrast, sound pressure provides a measure of the intensity of sound perceived by people in the vicinity of the appliance, making it the ideal metric for assessing an appliance's impact on noise in an area.

The unit must be vented outside when in air-cooling mode. For the purposes of EU regulation EN12102, this is a local air conditioner that produces less than 65dB(A) sound energy.



R 290

## PRODUCT FICHE

		SF8000E-V5	SF10000E-V2	
Description	Symbol	Value		Unit
Rated capacity for cooling	$P_{rated}$ for cooling	2	2.6	kW
Rated capacity for heating	$P_{rated}$ for heating	-	-	kW
Rated power input for cooling	$P_{EER}$	0.8	1.1	kW
Rated power input for heating	$P_{COP}$	-	-	kW
Rated Energy efficiency ratio	$EER_d$	2.6		—
Rated Coefficient of performance	$COP_d$	-		—
Power consumption in thermostat-off mode	$P_{TO}$	100		W
Power consumption in standby mode	$P_{SB}$	0.5		W
Electricity consumption of single/double duct appliances (indicate for cooling and heating separately)	$DD: Q_{DD}$	-	-	kWh/a
	$SD: Q_{SD}$	0.8	1.1	kWh/h
Sound power level	$L_{WA}$	63	64	dB
Global warming potential	$GWP$	3		kgCO <sub>2</sub> eq.

## FAULT CODES

CODE	PROBLEM	SOLUTION
E1 or E2	Internal temperature outside normal range.	Leave unplugged for 30 minutes. If this does not resolve, contact customer services.
HL	Water tank full	Empty the internal tank.

## TROUBLESHOOTING

Do not repair or disassemble the air conditioner. Unqualified repair will invalidate the warranty and may lead to failure, causing injuries and property damage. Only use it as directed in this user manual and only perform operations advised here.

Problems	Reasons	Solutions
The air conditioner does not work.	There is no electricity.	Please turn it on after connecting it to a power outlet.
	The display shows "HL".	Discharge the water inside.
	The ambient temperature is too low or too high.	Only use the machine within a temperature range of 10-35 °C (50-95°F).
	In cooling mode, the room temperature is lower than the desired temperature.	Change the desired temperature.
	In dry mode, the ambient temperature is low.	The ambient temperature must be above 17 °c. (62 °F).
The unit only works for a short time.	Bends or blockage in the exhaust hose	Correct the venting as per the instructions in this manual.
The cooling effect is not good.	There is direct sunlight.	Use curtains to reduce the direct sunlight.
	Doors or windows are open; there are a lot of people; or in cooling mode, there are other sources of heat (e.g. fridges)	Close doors and windows; increase air conditioning power
	The filter screen is dirty.	Clean or replace the filter screen.
	The air inlet or outlet is blocked.	Clear obstructions: make sure venting is correct as described in this user manual, and the hose is not bent
	The exhaust hose is not attached to the unit.	Attach the hose and vent the unit correctly.
Loud Noise	The air conditioner is not placed on a flat surface.	Put the air conditioner on a flat, soft surface (to reduce noise).
Unpleasant Odour	There is an unpleasant odour in the room	Clean the filters and ensure the unit's interior is clean.
The compressor does not work.	Overheat protection.	Wait 3 minutes for the temperature to drop, then restart the machine.
The remote control does not work.	The distance between the machine and the remote control is too far.	Bring the remote control close to the air conditioner and ensure it faces the receiver directly.
	The remote control is not aligned with the receiver.	
	Batteries are dead.	Replace batteries.
Others	No refrigerant or there is minimal refrigerant.	Refer to the Service Centre (check leakage, welding, vacuum pump, charge refrigerant according to nameplate)
	Anti-freezing protection	Waiting for defrosting. The function will recover automatically. No user input is needed.
	High-pressure protection.	Once the internal gas pressure drops, it will function normally. No user input is needed.

If problems not listed in the table occur or recommended solutions do not work, please get in touch with the service centre.

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.



Disposal: Do not dispose this product as unsorted municipal waste. Collection of such waste must be handled separately, as it requires special treatment. Recycling facilities are now available to all customers, where 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 get in touch with the local council for details of your local household waste recycling centres.

## electriQ UK SUPPORT

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

Please consult the troubleshooting section before calling the service line. Call the number below if the unit fails to operate or complete the online form.

0330 390 3061

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

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

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

**electriQ**

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