



**COMPACT
PORTABLE AIR CONDITIONER
USER MANUAL**



**Thank you for choosing ElectriQ
Please read this user manual before using this innovative Air Conditioner and keep it safe for
future reference.**

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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 be only connected to a 220-240 V / 50 Hz earthed outlet.
- Installation must be in accordance with 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 air conditioner has been tested and is safe to use. However, as with any electrical appliances - use it with care.
- Disconnect the power plug from socket 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.

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 object/edges.
- A damaged supply cord should be replaced by the manufacturer or a qualified electrician in order to avoid a hazard.
- Any service other than regular cleaning or filter replacement should be performed by an authorized service representative. Failure to comply could result in a voided warranty.
- Do not use the appliance for any other purposes 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 in 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 ON/OFF switch located on the control panel.
- Always place the unit on a dry and stable surface.
- The appliance should not be installed in laundry or wet rooms

Energy Saving and Unit Safety Protection Tips

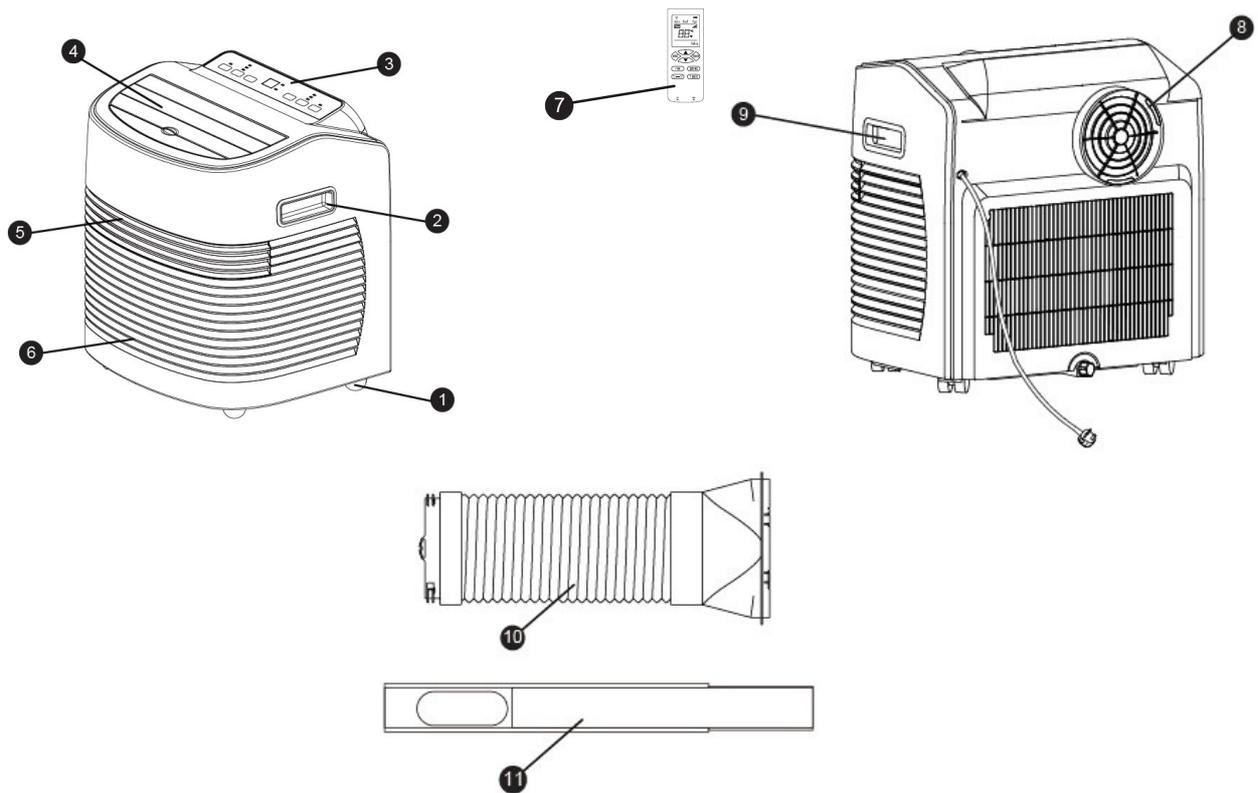
- Do not cover or restrict the airflow from the outlet or inlet grills.
- For maximum performance the minimum distance from a wall or objects should be 50cm.
- Keep the filters clean. Under normal conditions, filters should only need cleaning once every three weeks (approximately). Since the filters remove airborne particles, more frequent cleaning maybe necessary, depending on the air quality.
- For the initial startup set the fan speed to maximum and the thermostat to 4-5 degrees lower than the current temperature. After, 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 is higher than 35°C.

FEATURES AND PARTS LIST

1. Features

- Self-evaporative system - no external water tank needed
- Compact design – half the size of a normal unit
- Louvres outlet closes automatically when shutting down the unit, this prevents dust and dirt entering the machine.
- Bright LCD screen, indicates temperature and operation mode
- Advanced LCD Remote control
- On/Off timer function – allows you to choose when the unit operates
- Compressor protection technology
- 0-24 hrs start / stop timer
- Increased safety with child lock function
- 3 speed fan allows user to achieve the best balance between maximum cooling and lowest noise level

2. Parts list:



- | | |
|--------------------|-----------------------------------|
| 1. Caster | 7. Remote control |
| 2. Handle | 8. Air outlet |
| 3. Control panel | 9. Handle |
| 4. Louver | 10. Exhaust pipe assembly |
| 5. Air inlet grill | 11. Window sealing plate assembly |
| 6. Air inlet | |

INSTALLATION

1. Installation

Warning: Before using this unit, please keep it upright for at least 3-4 hours.

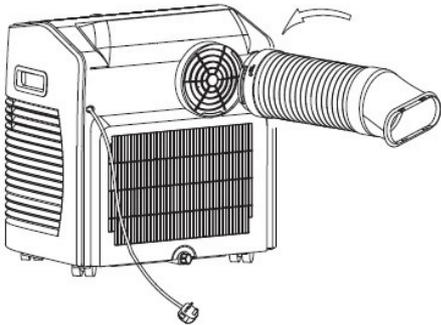
This unit can easily be moved from one room to another.

While moving the unit please note that it must always be kept upright and then placed on an even surface.

1. Assemble the fishtail connector on to the hose

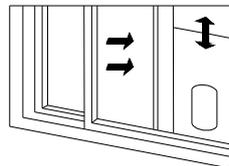
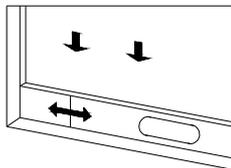


2. Extend one head of the hose and screw it into the unit anti-clockwise.

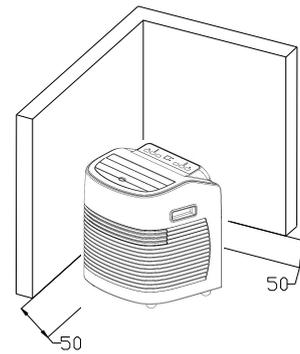


3. Installation of window kits:

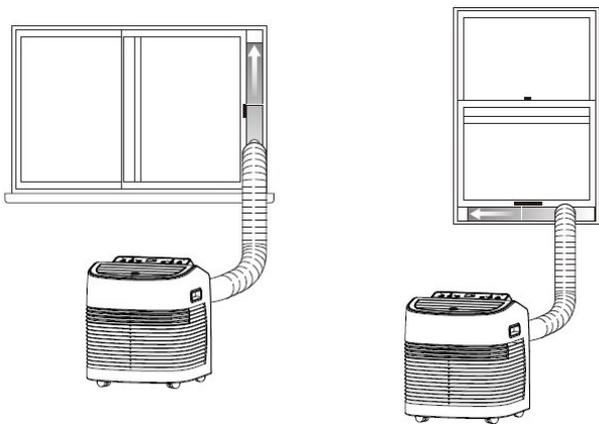
Partially open the window and then fix the window kit to the window



4. Make sure the unit is upright and there are no obstructions to the air inlets and outlet grills



5. Fix the other end of the hose to the air-outlet window kit



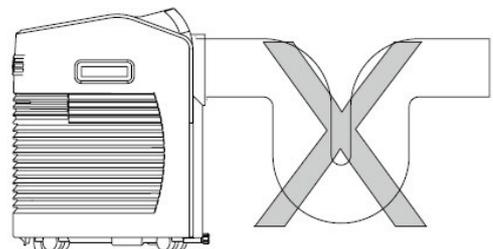
Note: The window kit is only designed to be installed with sliding or sash windows or doors. The window kit is not designed or to be used with any other style of windows. However the fish tail adaptor can be used with most windows / doors. When using the fishtail adaptor instead of sash window kit or wall ducting ensure that the opening left is as small as possible.

The best form of installation is through a wall duct.

Important safeguards

The length of the soft hose extends from 28 cm to 150 cm. If hose is extended above this length the unit may malfunction and this can invalidate the warranty.

The outlet vent must be well ventilated and not obstructed as this will cause the unit to overheat. Avoid bending the air hose more than 30 degrees. If the unit does not reach the venting point it may be installed on a flat stable surface such as a table or platform. Castors may be removed and rubber mat installed underneath.



OPERATION AND SETTINGS

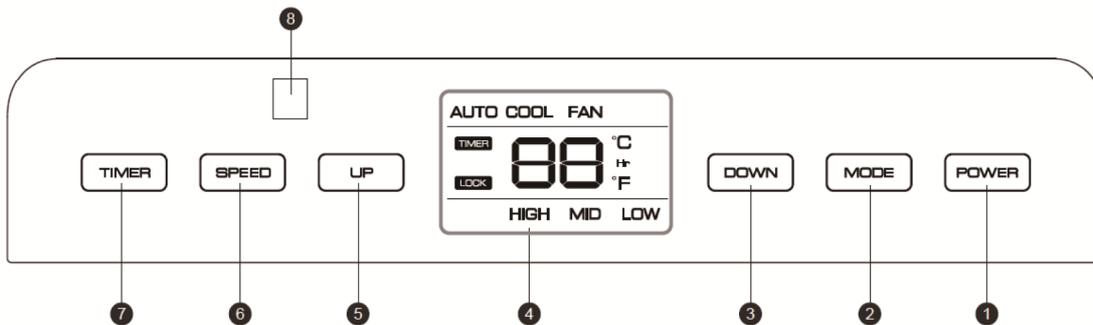
This portable air conditioner boasts three functions: cooling, dehumidifying and fan.

The fan has three speeds: high, medium and low

Temperature range settings are: 17-30°C

The unit will also display operating function, temperature, fault diagnostic and protective functions on the LCD screen.

Control instruction:



1. Power key Press the key to turn ON/OFF the A/C.

2. Mode key Press the key to choose cooling, fan, dry and auto-mode.

3. "DOWN" key Press the key in cooling mode to reduce the setting temperature, press it in timing mode to adjust timer ON/OFF time. Press "Up" and "Down" keys simultaneously on the control panel to switch Fahrenheit and Celsius scale.

4. Temperature/ time display window

This window displays the adjusted temperature and time.

5. "UP" key

Press the key in cooling mode to increase the setting temperature, press it in timing mode to adjust timer ON/OFF time.

6. Fan speed key Press the key to choose high/ mid/low fan speed.

7. Timer key

Press the key in standby mode to set TURN-ON time (0-24hrs)

Press this key to set TURN-OFF time when the unit is on (0-24hrs)

8. Remote controller receiving window

This window displays the adjusted temperature and time.

9. °C/°F switching key Press the key to switch °C and °F.

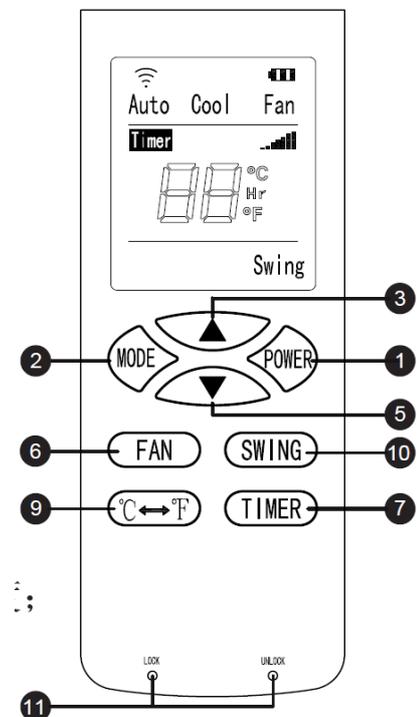
10. Auto-swing key Press this key at any time after turning on the A/C to swing the wind louvers automatically.

11. Child Lock Press the lock key to lock the control. Press and hold the unlock key to unlock the control

Turbo cool mode (optional) Under cooling mode press TIMER and UP buttons at the same time to enter turbo mode. Unit will cool regardless of set temperature. Fan speed is high, and it cannot be adjusted.

Sleep mode (optional) Press TIMER and DOWN button at the same time under cooling to enter sleep mode. Under this mode, the set temperature increases by 1°C after 2 hrs of operation, than after another 2 hrs will increase by another 1°C than will not change at all. Fan is fixed to quiet low speed.

Dry mode (dehumidifier) if this function is selected the unit will function as a dehumidifier if room temperature is >15°C. If room temperature is <13°C the compressor will be turned off. Temperature is not adjustable and fan will run on low speed. The hot air hose must be disconnected and the unit should be permanently drained either using a gravity fall or an uplift water pump (not supplied). If permanent drainage is not used the internal tank will fill and **FL** error code will require to empty the tank.



Multi protective function

3.1 Anti-freezing protecting control:

When the ambient temperature is low while in Cooling Mode, the compressor and water motor will stop working if the copper coil temperature reaches $<2^{\circ}\text{C}$ for over 20 seconds. When the copper coil temperature increases to $>8^{\circ}\text{C}$, the protection will be stopped automatically.

3.2、 Water-full protection:

When the water level in the internal water tank is surpassing the maximum level, the unit will alert automatically and “FL” will flash on the LCD screen. Please discharge water in the machine according to “Water Drainage” chapter

3.3 Compressor delay-protection

Except for the first power-on, the compressor can start instantly.

The compressor also runs under a 3 minute delay protection function.

3.4 Compressor protection

In cooling and dehumidifying mode, if the temperature difference between the coil temperature and room temperature is less than 3°C , for more than 30 minutes, the machine will enter ‘no refrigerant’ compressor protection mode.

The compressor and water spring motor will stop working.

The up fan runs at low speed and the down fan stops running

“E3” will appear on the LCD screen.

Press any key on the control panel; the background light will illuminate for 10 seconds.

WATER-DRAINAGE

1. Manual drainage:

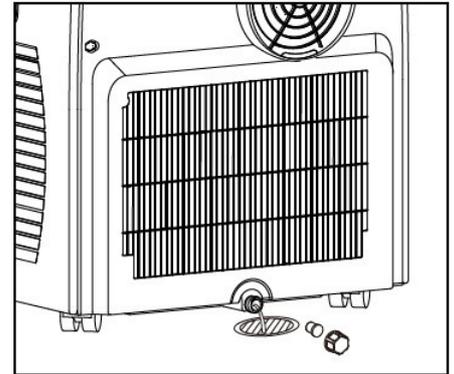
1.1 When the internal water tank is full the unit will stop working and display will show **FL** error

1.2 Shut off the unit and unplug. Try not to move the model abruptly as this may cause water to spill out from internal water tank.

1.3 Place a tray under the water plug.

1.4 Screw off the water plug and unplug the water blocker - water will drain from the container.

1.5 Put the water blocker back and screw the water plug back into place



2. Continuous drainage:

2.1 Screw off the water plug and unplug the water blocker.

2.2 Use a water pipe to connect to the water outlet.

2.3 You can plumb this pipe into your current plumbing system, lead it outside or use a water pump.

Note: This model has a self-evaporative function, which reduces the need to empty the water tank. If the unit is vented correctly most of the water is reused to cool the condenser coils and any excess is evaporated.

Please do not use continuous drainage if you intend to use the self-evaporating facility.

Maintenance

Cleaning.

Please shut off the unit and unplug from the mains before cleaning or performing any maintenance

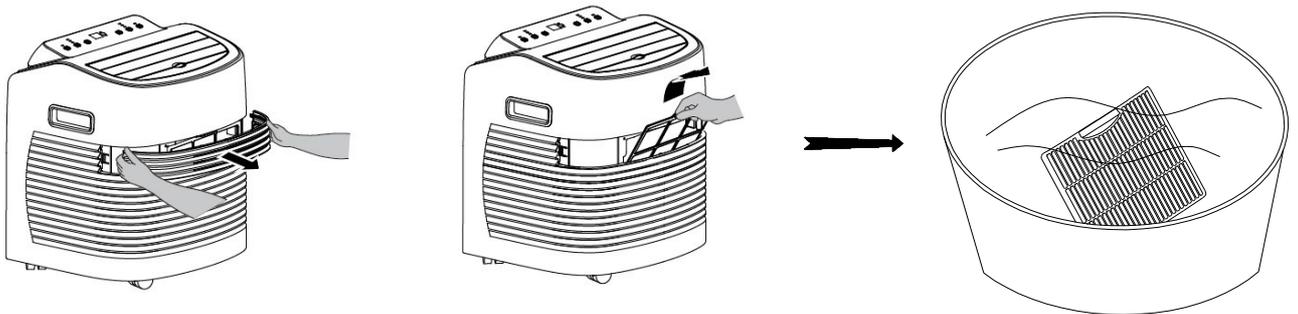
Clean the surface

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.

Air filter cleaning

- a) Clean the air filters every 2 weeks. If the air filter is blocked with dust, the unit's performance will be significantly affected.
- b) Pull out the top and bottom filters as pictured below
- c) Wash the air filters by immersing them in warm (about 40°C) water with a neutral detergent.
- d) Rinse it and then dry it thoroughly.
- e) Carefully re-install air filters



Please note:

The optional active carbon filter (cloth) should be changed every season or often based on the environment.

End of Season Maintenance:

1. Pull out the plug from the drainage hole and empty the internal tank. You can also drain the water by leaning the unit.
2. Then switch the unit to Fan mode, and switch to low fan speed.
3. Keep the unit in this mode for half day - until the conduit is dried. Doing this helps to keep the inside of the unit dry and prevents mold developing
4. Turn off the unit and pull out the plug.
5. Coil the wire and bind it together, then put it into the accessories space.
6. Separate the air-exhausted pipe and store it safely.
7. Cover the unit and keep it in a dry place.
8. Take the batteries out of remote control and store, or dispose, them safely

* All accessories should be store safe together with the unit ready for the next season.

Troubleshooting

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

Trouble	Reason	Solution
The unit does not work	No power supply	Power-on and turn on the unit.
	Water-full indicator illuminated	Drain the internal water tank
	Timer function is active	Cancel Timer function
	Room temperature too low or too high	Use only in ambient temperatures between 7-40°C
The unit does not seem to perform.	In direct sunlight	Draw the curtains, UV affects RC
	Windows or doors open. Large amount of people or a heat source in the room.	Close windows and turn on another air conditioner
	Filter is very dirty	Clean or change the air filter
	Air inlet or air outlet is blocked	Clear out debris
	Room temperature is lower than setting temperature	Change the setting temperature
The unit loud	The unit is not put on flat surface	Put the unit on flat and hard surface
Compressor does not work	Overheating protection is active	Check venting. Restart the unit after 5 minutes when compressor has cooled
Remote control doesn't work	Operating distance is too far.	Move remote control closer to the unit and make sure it aims at the air-outlet grille
	Control panel has not received the signal from remote control.	
	The batteries are flat	Replace the batteries
E1 on LCD	Coil temperature is abnormal	Refer to Service Centre (check coil temperature sensor or relevant circuit)
E2 on LCD	Room temperature is abnormal	Temperature not within 5-40 C operating range. If temperature within operating range refer to Service Centre (check room temperature sensor or relevant circuit)
E3 on LCD	No refrigerant or there is very little refrigerant	Refer to Service Centre (check leakage, welding, vacuum pump, charge refrigerant according to name plate)
E4 on LCD	Anti-freezing protection	Waiting for defrosting. Function will recover automatically. No user input needed.
FL on LCD	Water tank is full inside the machine	Drain out water from drain port at bottom rear of the unit.
F1 on LCD	High pressure protection	After inside gas pressure comes down, it will function normally. No user input needed

If the above solutions do not resolve the problem please contact the service centre.

APPENDIX



Disposal: Do not dispose this product as unsorted municipal 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.

TECHNICAL DATA:

Capacity	Cooling: 2.6 kWh / 9,000 BTU
Rated Power Input	Cooling: 1.05 kW
Running Current	4.8 Amps
Air Flow	300 m ³ /h
Noise	50-55 db(A) sound power 62 db(A) sound energy
Permitted Excessive Operating Pressure	1.0MPa/3.5MPa
Maximum Allowable Pressure	1.7MPa/5.5MPa
Power Supply	220-240V/50Hz
EER	2.61
Refrigeration gas	R410A
	30 litres /day (at 30°C, 80%RH)
Net Weight	27 kgs
Dimension(W*D*H)	48*43*51 cm
Unit must be vented outside when in Air Cooling mode. For the purposes of EU regulation EN12102 this is a <i>local air conditioner</i> and produces less than 65dB(A) sound energy.	

ElectriQ UK SUPPORT
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: 0871 620 1057 or complete the online form

- 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.**

Office hours: 9AM - 5PM Monday to Friday

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