

electriciQ

USER MANUAL



EAP100D

Ultra Quiet Air Purifier
with room temperature and humidity display
and three stage filtration

Thank you for choosing this innovative electriciQ Air Purifier.
Please read this user manual before using the product
and keep it safe for future reference.

Visit our page www.electriQ.co.uk for our entire range of Intelligent Electricals

CONTENTS

SAFETY INSTRUCTIONS	3
INDOOR POLLUTANTS	4
FILTER INSTALLATION	5
CONTROL PANEL	6
OPERATION	6
CARE AND MAINTENANCE	7
TECHNICAL DATA	7
TROUBLESHOOTING	8
SUPPORT	8

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.
- Only use with the power adapter provided by the manufacturer
- This air purifier has been tested and is safe to use. However, as with any electrical appliance - use it with care.
- Disconnect the air purifier from socket when changing the filters or cleaning the unit.
- Avoid touching any moving parts within the appliance.
- Never insert fingers, pencils or any other objects through the guard
- This device 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 device.
- Do not clean the unit by spraying it or immersing it in water. Use a damp cloth only.
- Do not clean with strong chemical agents or other abrasive materials.
- 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 cord or power adapter is damaged. Ensure the power cord is not stretched or exposed to sharp objects or edges.
- A damaged power supply should be replaced by the manufacturer. Never extend or attempt to change the power supply lead.
- 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 purpose other than its intended use.
- Avoid removing the power adapter from the socket while the unit is still in operation. This could cause electrical damage.
- Never use the power supply as a switch to start and turn off the air purifier. Use the provided ON/OFF button located on the control panel.
- Always place the unit on a dry and stable surface.
- The use of attachments that have not been approved by the appliance manufacturer is not recommended, as this may result in fire, cause an electric shock and/or cause personal injury.
- Ensure hands are fully dried before plugging or unplugging the appliance.
- 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 and safety the minimum distance from a wall or objects should be 20cm. Keep away from other electrical appliances.
- Keep the filters clean. Under normal conditions, filters should only need cleaning once every two weeks (approximately). Since the filters remove airborne particles, more frequent cleaning maybe necessary, depending on the air quality. Replace the filters regularly as instructed.

The **EAP100D** provides 3 stages air purification using professional air filtration and sterilisation.

- Advanced activated carbon filter - removes unpleasant odours and absorbs harmful substances as formaldehydes and benzenes
- Antibacterial True HEPA filter - to remove 99.98 % of airborne particles of 0.25 micrometres or larger
- Plasma Ioniser - sterilizes even further and removes mould spores and allergens from the air.
- Easy to use touch controls
- 2 speed fan and ultra-quiet no lights night / sleep function

Applications:

- Personal use in domestic and office space to improve air quality
- Helps smokers to minimise the effects of smoking
- Reliefs asthma and pollen sufferers
- Great for children room and small offices with temperature and humidity sensor for easy monitoring

Notes:

This air purifier is not a substitute for proper ventilation, regular vacuum cleaning or instead of the use of a cooker hood while cooking. If the Relative Humidity is over 60% we recommend using a dehumidifier to reduce the humidity.

INFORMATION ON INDOOR POLLUTANTS:

VOC (Volatile Organic Compound): VOCs come from motor vehicle exhausts, gasoline vapour, pollutants such as formaldehyde, ammonia and many other common and chemical solvents such as paints and glues, or can be a by-product of mould growth. VOCs cause irritation to the eyes and or nose as well as causing headaches, nausea and even potential damage to the central nervous system. Pressed wood furniture, newly decorated rooms, paint and cleaning solvents are common sources of VOCs.

Mould / Fungus: These can affect our respiratory system and cause allergic reactions, like a runny nose, eye and throat irritation, headaches, fatigue and aggravation of asthma.

Other indoor pollutants include bacteria, viruses, dust mites and pollen.

Emissions from electronic office equipment: Many studies, including those from EPA and the University of California Berkley, have reported that emissions from office equipment such as computers and printers, include VOCs, ultra-fine particles and ozone. These emissions have been proven to have a negative effect on the health of many people which can be reduced by using an air purifier.

Using HEPA filters, Activated Carbon filters and Plasma Ionisation: An effective HEPA filter is absolutely necessary to remove particles, even at a microscopic level; it ensures that the particles are not spread. Plasma Ionisers will sterilise the air and reduce bacterial growth.

The antibacterial activated carbon on the EAP100 is a natural material biosynthesized from walnut shell, the absorption area of activated carbon is very large at up to 300,000 square meters. The activated carbon filter will absorb unpleasant odours and reduce the VOC content in the air.

The Plasma Ioniser will sterilise the air and reduce bacterial growth.

INSTALLING OR REPLACING THE FILTERS

Note: For convenience HEPA and activated carbon filter are combined in one easy replaceable filter cartridge. High performance filters are not washable, keep them dry at all times and vacuum regularly.)

1. Unplug the device from the mains.
2. Turn the unit upside down
3. While holding the base of the unit twist the filter cover anti-clockwise to gain access to filter chambers
4. Ensure the plastic wrap is removed from the filter prior to installation.
5. To install or replace the filters just place the filter cartridge into the slot after removing the original one.
6. The device should not be turned on until the filter compartment cover is twisted back into place and secured.

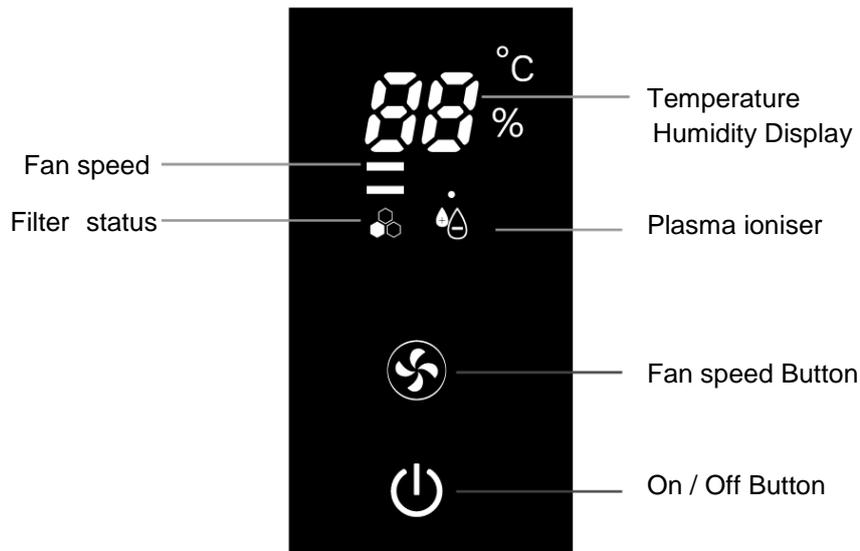
Do not operate the unit without a filter.



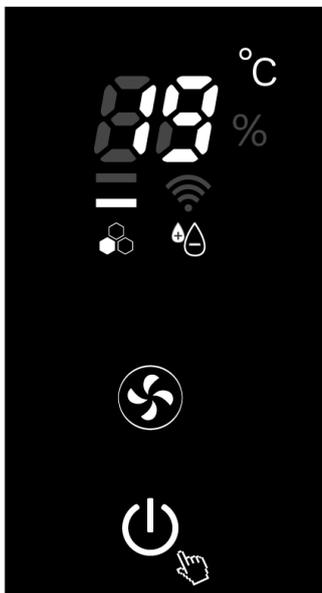
DIAGRAM



CONTROL PANEL



OPERATION



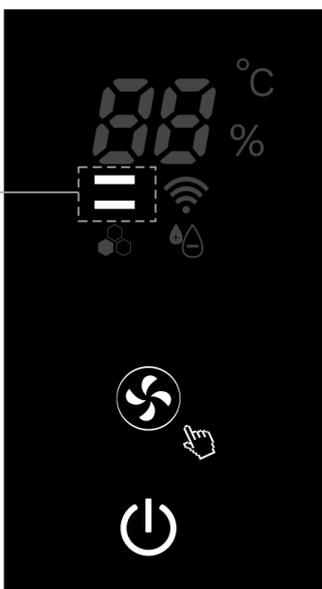
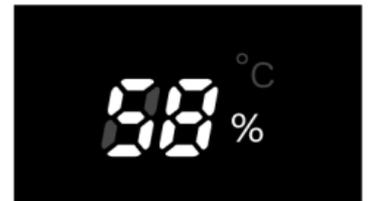
Ensure the filter cartridge is correctly installed (with the plastic packaging removed)

Plug in the unit

Press the Power On / Off button to start the device.

The air purifier will display the room temperature, fan mode and the filter status.

The 2 digits led screen is able to display both room temperature and humidity.



FAN SPEED:

Press the FAN SPEED button to cycle between maximum air purification at high speed and slower, quieter operation at low fan speed.

SLEEP MODE:

Press and Hold the fan button for 3 seconds to put the unit in Sleep mode. Only the power light will be illuminated and the appliance will work at low fan speed.

This can ensure continuous operation even overnight. Touch any button to return the unit to standard operating mode.



CARE AND MAINTENANCE



Always turn off the unit and unplug from the mains before cleaning or performing any maintenance. If the unit is not to be used for a prolonged period it is advisable to unplug it from the mains. Do not use chemical solvents (such as benzene, alcohol or gasoline) as they may cause irreversible damage to the unit.

CLEAN THE EXTERNAL CASE

Only use tepid water and a mild detergent on soft cloth. Do not use bleach or abrasives. Do not splash water directly onto the device. Avoid wetting the DC power port. Doing so may cause an electrical shock and can lead to deterioration of the electrical insulation, or cause the unit to rust.

CLEAN THE FILTER AND THE FILTER HOLDING AREA

Vacuum the filter gently every 2-3 weeks or more often if used in a dustier environment. Please make sure the filter is not damaged during the process and replace if necessary. Wipe the filter holding area with a dry cloth.

CLEAN THE FILTER COVER AND CLEAN AIR OUTLET

Use water and a mild detergent. Do not use bleach or abrasives. Do not spray water onto or inside the unit. If the clean air outlet grilles are dirty, use a vacuum attachment or soft brush to clean.

Clean the filter cover with a vacuum cleaner, if it is heavily soiled remove it from the unit and wash with warm soapy water. It must be dried thoroughly before reinserting it in the unit.

NOTE: Do not assemble the unit and power it before all the parts are completely dry. Any maintenance not described in this user manual must be performed by the service centre.

TECHNICAL DATA

Model	EAP100D		
Fan Speed	Low		High
Airflow (m ³ /hr)	10		20
Noise level (dB)	18		35
Power rating	5 Volts, 2.5 Watts		
Ions	5x10 ⁶ ions/cm ³		
Power cord length	1.5 meters		
Net Size (w x d x h)	11.5x11.53x20.5 cm		
Net Weight	0.6 kgs		
PSU Voltage	220-240 V, 50 hz		
	Efficiency	Particle Size	Life Time
	99.9%	≤0.0003 mm	about 1 year
	Carbon Activated Filter		
	Material	Active Filter Absorption Surface	Life Time
	Walnut Shell	300,000 m ²	about 1 year

TROUBLESHOOTING

The Air purifier does not work	<ul style="list-style-type: none"> • Is the power plug disconnected from the wall socket? • Is the socket switched on? • The filter cover panel may not be installed correctly, try to remove and reinstall.
No clean air is delivered or performance is poor	<ul style="list-style-type: none"> • Ensure the filters are clean and the packaging was removed before installing the filter cartridge • Ensure that the filter cartridge is installed • Set the unit to high fan speed • Investigate if the air purifier is used in a room matching its size and enough operation time is allowed for larger rooms
Abnormal noise during operation	<ul style="list-style-type: none"> • Check if the packaging from the filter cartridge was removed during the filter change • Air inlet or outlets may be blocked. Remove any obstruction and try again.

. If the above fails to resolve your issue contact the electriQ support centre for further assistance.

APPENDIX

Disposal: Do not dispose 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 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.

electriQ UK SUPPORT

www.electriQ.co.uk/support

Please, for your own convenience, check the troubleshooting guide before calling the service line.

If the unit still fails to operate call: 0871 620 1057 or complete the online form
Office hours: 9AM - 5PM Monday to Friday

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