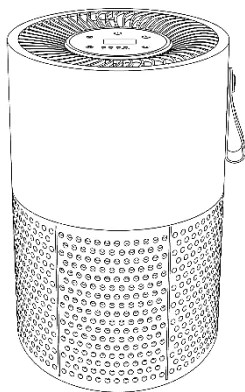


# ZMedicAir

## Portable Air Purifier – HK209 Singlet Oxygen & Air Purification Device

### User Manual



Please read the user manual carefully before using the device

For further information about the benefits of singlet oxygen treatment visit our website:

[www.zmedicair.com](http://www.zmedicair.com)

## **Introduction:**

Thank you for choosing ZMedicAir portable air purifier.

Indoor air pollution is a serious concern these days. Indoor air quality is mainly influenced by outside air pollution, pollen, dust mites, harmful gases (like formaldehyde, cigarettes smoke, and others) and so on.

ZMedicAir portable air purifier contains UVC lamp to treat and eliminate airborne contaminants (bacteria, viruses, and other micro-organisms).

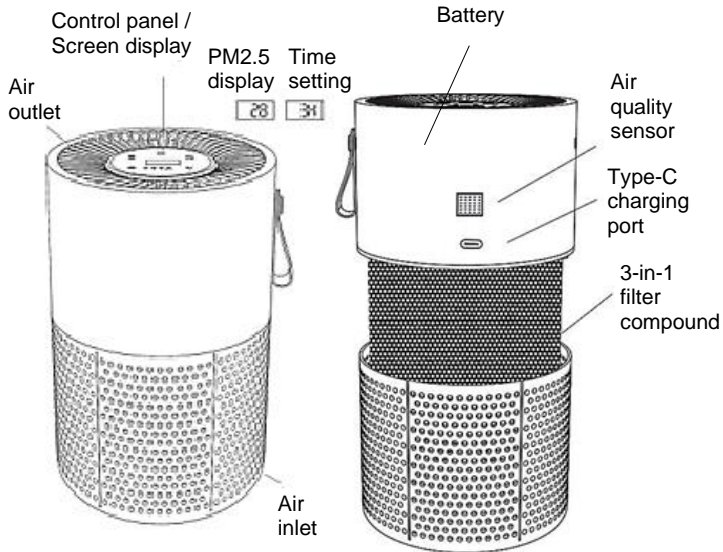
## **Packing list:**

Air purifier – 1 item

User manual – 1 item

Power cord – 1 item







# Product structure:



# Operation panel and function:

## 1. Control panel



	On/Off button
	Timing adjustment: <i>1h-2h-3h-4h-5h-6h-7h-8h</i>
	Fan speed adjustment: <i>Low-Mid-High-Auto</i>
	Filter replacement reminder and reset
	Sleep mode
	Battery power display

## 2. Standby state

Insert the device plug into a power source. The buzzer will ring and On/Off button will light up.

## 3. Switching the device On/Off

Press On/Off button to switch the device on. In default, the device works with low fan speed, UVC lamp and negative ion are activated.

## 4. PM2.5 display

The air quality sensor is automatically activated when switching on the device. Wait 3 minutes for the sensor to stabilize.

Note: the value indicated by the air quality sensor is for reference only and cannot replace professional testing equipment.

**5. Fan speed button**

Press the fan speed button as necessary to choose the required speed.

**6. Timer adjustment**

Press the timer adjustment button to adjust the shutdown timer: 1h-2h-3h-4h-5h-6h-7h-8h.

**7. Replace the filter**

The air purifier counts hours of use. After 3,000 hours the filter replacement reminder will light up. Replace the used filter with a new one (see instructions in the next page) and then press and hold the icon for 5 seconds to reset it.

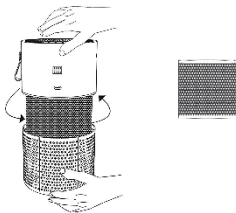
**8. Battery power**

Each grid at the battery power icon represents 25% of available power. While charging, the battery icon will light up. When battery is full, the battery icon switches off.

# Device installation and instructions:

Follow the instructions below to install the device correctly. Make sure to unpack the filter from its bag before inserting it into the device.

1. Air purifier filter installation and replacement:  
Hold the device body and turn the upper part counterclockwise to open it (see picture below). Place the filter in its dedicated place inside the device (in case of filter replacement, remove the used filter first), and close back the device tight.



2. Air quality indicator and recommended fan speed:

Air quality	Good	Lightly polluted	Heavily polluted
PM2.5	0-50	51-149	>150
Recommended fan speed	Low	Mid	High

3. Make sure to leave a distance of at least 15cm between the device air inlet and any object, to ensure adequate performance of the device
4. Sleeping mode:  
In sleeping mode, all panel icons are off, fan speed is switched to low and UVC lamp is switched off after 10 seconds.

## Maintenance:



Make sure to switch off and unplug the device before any maintenance.

1. It is recommended to clean the filter once a month. Clean the filter with a gentle brush or a dry cotton cloth only. Do not wash the filter with water or any other detergent. The filter is relatively easy to deform and break – do not apply much pressure when cleaning. If the filter is damaged, replace it by a new one.
2. Filter replacement is recommended after 10-12 months of use.  
**Note:** Activating the device in different environments may result in different filter life. Change the filter before the indicated time in case of poor filtration effect.
3. To clean the device, use dry soft cloth only. Do not use any liquid or detergent.
4. For long periods without using the device, unplug the power adapter, clean the filter and outer surface and store in a cool and dry place inside a plastic bag.

## Precautions:

1. Do not clean the device and its filter with any kind of liquid.
2. There is a high-speed blower inside the device. Do not enter your hands or foreign objects into the air inlet or outlet.
3. Keep the device out of the reach of children.
4. Do not cover air inlet and outlet with any object.
5. To improve the device impact, try to close the doors and windows of the closed space. In case of using a gas stove or a candle, ventilate the space to avoid CO contamination.

6. Use the power cord supplied with this device. Do not use power cord of different specifications.
7. Do not use the device in bathroom or other spaces of high temperature or humidity.

## Troubleshooting:

Fault phenomena	Possible reasons and solutions
Bad odor comes out of the device	The filter has not been replaced for a long time – replace the filter
	The filter is humid due to use in a space with high humidity – replace the filter
	Reuse after a long storage period – clean the filter, if it does not help, replace it
	Burnt smell comes out of the device – immediately switch the device off and unplug it, contact the company for support
No airflow at the outlet	The blower motor is not running – make sure the device is plugged well and there is a regular power supply, contact the company for support
No noticeable effect	Filter failure – replace the filter
	Used in inappropriate spaces, for example too large space
The device is too loud	The fan speed level is on 'High' mode (or 'Auto' mode). The device has been designed to minimize its noise, but when using it in silent spaces, it might hear noisy – reduce fan speed to 'Low' or use 'Sleep mode'
	There is an abnormal loud coming from the device – switch the device off and contact the company for support



# Product specifications and parameters:

**Product name:** Portable Air Purifier

**Model:** HK209

**Country of origin:** China

**Product dimensions:** 168×168×250mm

**Packing dimensions:** 192×192×283mm

**Product weight:** 930g

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**Working voltage:** 5V

**Rated power:** 7W

**Application area:** <20m<sup>2</sup>

**Negative ions:** 8,000,000/cm<sup>3</sup>

**Noise level:** <55dB (A)

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**Filter type:** Pre-filter + H13 HEPA + Activated carbon

**Battery capacity:** 8,000mAh

**CADR particles:** 50m<sup>3</sup>/h

**UVC lamp:** Photocatalytic sterilization