



Congratulations on your new air purifier

BestWater thanks you for your purchase. You have made a good choice by having selected our product. We hope that you enjoy using the air purifier for many years to come.

Before you start operating the air purifier, we request you to carefully read this instruction manual.

Caution:

Do not allow water, other liquids or combustible cleaning agents to enter the device so as to avoid an electric shock and/or a fire hazard.

Do not clean the device with water, other liquids or combustible cleaning agents so as to avoid an electric shock and/or a fire hazard.

Warning:

Check whether the voltage specified on the back of the device corresponds to the local mains voltage before you connect the device.

If the power cable is damaged, you must get it replaced from the manufacturer, a service centre of the manufacturer or an equally authorised, qualified person so as to avoid dangers.

Do not use the device if the mains plug, power cable or the device itself is damaged.

This device is not meant to be used by persons (including children) with restricted physical, sensory or mental abilities or lack of experience and knowledge, unless they are being supervised by a responsible person, who is in charge of their safety or has received comprehensive training for using the device.

Children should be supervised to ensure that they do not play with the device.

Do not block the air inlet and outlet by placing, for instance, objects at the air inlet or outlet.

Caution:

This device is not a replacement for sufficient ventilation, regular vacuum cleaning or use of an exhaust hood or a fan while cooking.

If the power socket for the power supply to the device is not properly connected, the plug of the device can heat up. Ensure that you operate the device using a suitable power socket.

Place and use the device on a dry, stable and level surface.

Leave at least 20 cm free space behind the device and on both the sides of the device and at least 30 cm free space above the device.

Do not place any objects on the device and do not sit on the device.

Do not place the device directly under an air-conditioner so as to prevent condensation water from dripping on the device.

Ensure that all the filters are correctly installed before you turn on the device.

Use only the original filters provided by the manufacturer for this device. Do not use any other filters.

Ensure that hard objects do not hit against the device (especially against the air inlets and outlets).

Always lift or move the device using the handle on the back of the device.

Do not insert your finger or objects in the air outlet.

If you have used insect repellents, do not use the device at places with oily residues or in the presence of incense or fumes.

Do not use the device in the vicinity of gas appliances, heating appliances or chimneys. Turn off the device after use or before cleaning.

Do not use the device in a room with major temperature fluctuations because they can lead to condensation inside the device.

The device is intended solely for use in households under normal operating conditions.

Do not use the device in a humid environment or in an environment with high ambient temperatures such as bathrooms, WC or in the kitchen.

The device does not remove carbon monoxide (CO) or radon (Rn). It cannot be used as a safety device with combustion processes and hazardous chemicals in case of accidents.

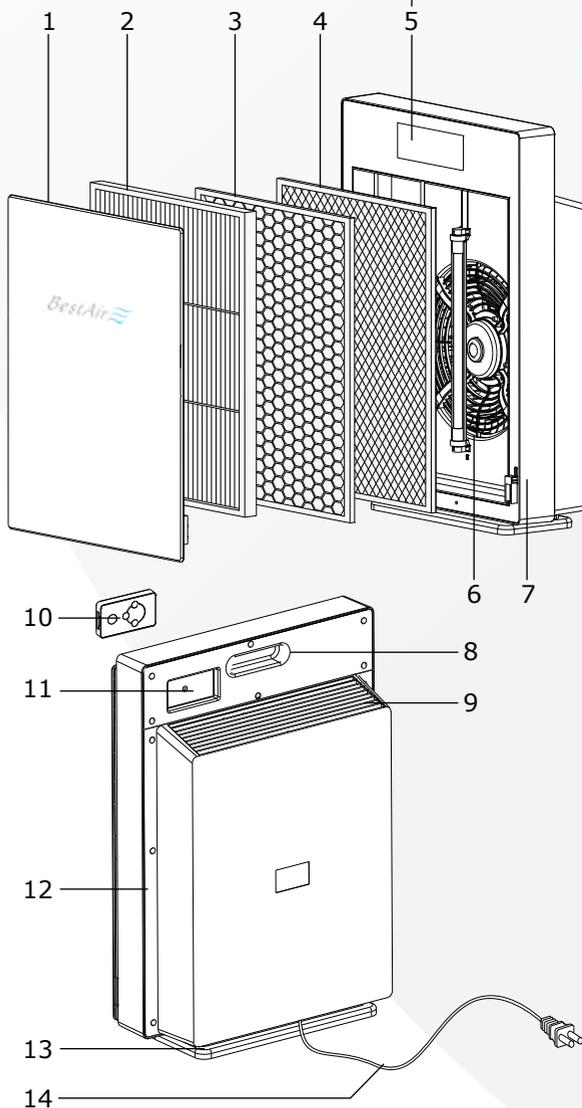
The device has a reliable protection. If the front panel has not been installed correctly, the device cannot be started.

The manufacturer itself has equipped the device with all the filters, but the filter packaging needs to be removed before the device can be used. Remove all the filters, unpack them and place them again in the device, as has been described on the following pages.

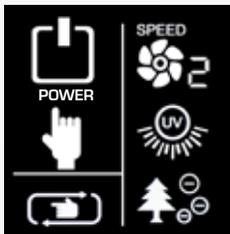


Parts list

- 1: Front panel
- 2: Pre-filter and HEPA filter
- 3: Modified activated carbon filter and VOC filter
- 4: Nano photocatalyst filter
- 5: LCD display touchscreen
- 6: UV lamp
- 7: Safety switch
- 8: Handle
- 9: Air outlet
- 10: Remote control
- 11: Remote control slot
- 12: Main device
- 13: Socket
- 14: Power cable

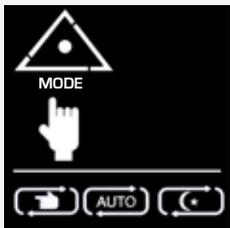


Operating the main device

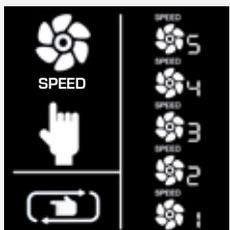


Power on/off

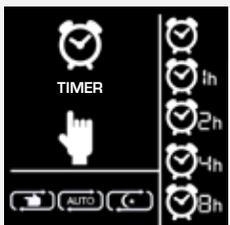
Press the "POWER" symbol to start the device in the manual mode at speed 2. The UV lamp and anion generator start operating.



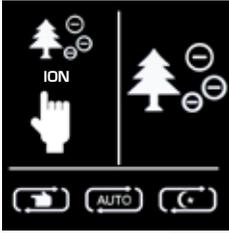
Press the "MODE" symbol to circularly connect the "Sleep-Auto/manual" mode. Actuate the respective button to reach the manual mode. The automatic wind speed corresponds to the signal of the air quality sensor in the Auto mode. The better the air the lesser the wind speed. If you press the "SPEED" symbol, you reach the manual mode for the speed.



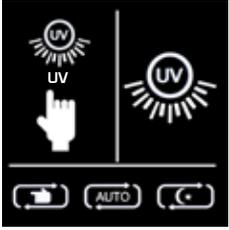
Press the "SPEED" symbol in any mode to switch to the manual mode for the speed. The LCD display shows the speeds as follows: 1- idle, 2- low speed, 3- average speed, 4- high speed and 5- very high speed.



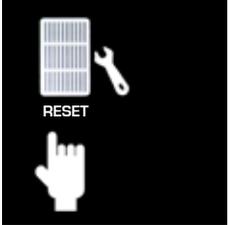
Press "TIMER" in any mode to circularly switch the time between "1h-2h-4h-8h". The LCD display shows "1h, 2h, 4h and 8h".



If you press the "ION" symbol in any mode, you can start and stop the release of healthy anions.



Press the "UV" symbol in any mode to switch on or switch off the UV lamp. The UV lamp kills effective bacteria in the air.



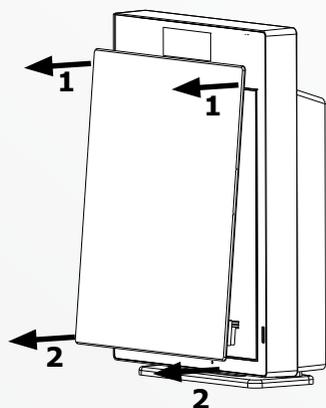
If the "🔧" sign on the LCD flashes after switching on and all the HEPA square indicators do not illuminate, the highly-efficient HEPA filter must be replaced with a new highly-efficient HEPA filter (see chapter Installing and replacing filters, to change the filter). Start the machine after replacement, press and hold the RESET symbol for 5 seconds. The timer will correct itself and the "🔧" sign will stop flashing.

Caution: If the HEPA filter operates at speed 5, it has a service life of 2000 hours.



The value of the fine dust particles in the air is indicated on the display. This rises and falls with good and/or bad room air.

Installing and replacing filters



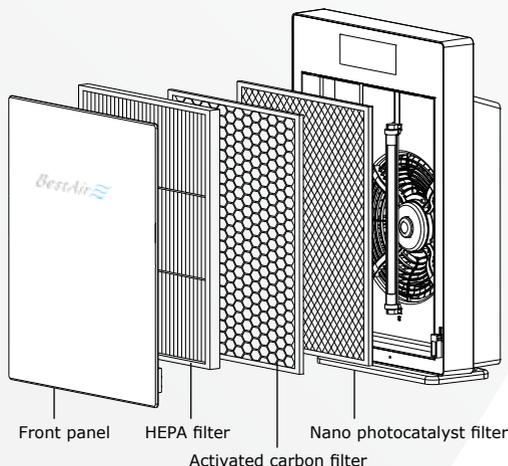
This is how you remove the front panel

Hold the top side of the front panel and pull out in the direction of arrow 1. Remove the front panel down in the direction of arrow 2.

Removing the filter

Remove the highly-efficient HEPA filter, the modified activated carbon filter and the nano photocatalyst filter one after the other.

Caution: While removing each filter, hold its brackets and pull it outwards so that the filters can be removed easily.



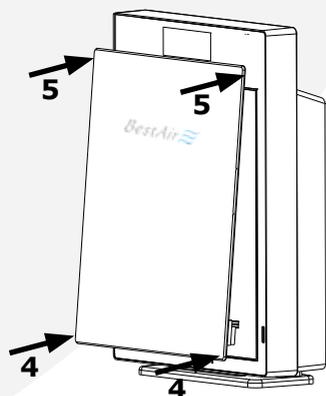
Installing the filter

Install the nano photocatalyst filter, the modified activated carbon filter and the highly-efficient HEPA filter.

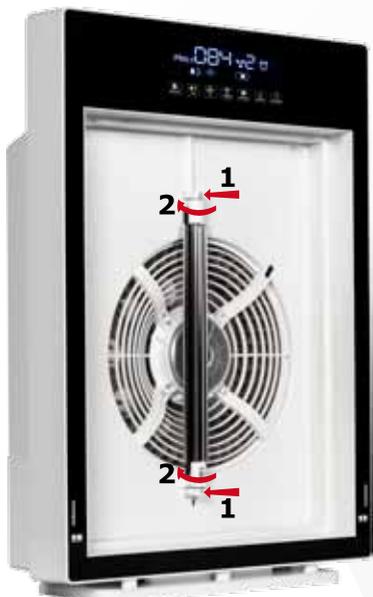
Caution: Place the brackets outwards while installing each filter. Please install the individual filters as shown in the figure.

Installing the front panel

The front panel must be pressed down into the bracket in the direction of the 4th arrow and engaged in the locking mechanism. Press the cover gently in the direction of the 5th arrow and add the bracket of the front panel in the AirJet 500.



Installing and uninstalling the UV lamp



Installing the UV lamp

A. Caution

Avoid eye and skin contact with the UV lamp since it can lead to temporary and permanent blindness. Do not look into the UV lamp directly; this can lead to eye damage.

Do not touch the glass of the UV lamp; the fingerprint reduces the efficiency of the lamp (use gloves).

Do not start the device without filters or with damaged filters so as to avoid emission of ultraviolet light from the UV lamp, which can lead to blindness.

B. Replacing the UV lamp

The service life of the UV lamp is 8,000 hours. This can be reached if the lamp is used for about 1 year, for 24 hours per day. Please replace the UV lamp within this time to ensure the cleaning capacity.

C. Installing the UV lamp

Hold the white ceramic pins at both ends of the UV lamp(1), place the copper pin of the lamp in the sleeve and turn it by 90° (2).

D. Installing the filter

Re-install the nano photocatalyst filter, the modified activated carbon filter, the highly-efficient HEPA filter and the front panel.



This is how you remove the UV lamp

Turn off the device, remove the panel, the highly-efficient HEPA filter, the modified activated carbon filter and the nano photocatalyst filter one after the other. After the UV lamp has cooled down for 15 minutes, hold the white ceramic pins at both ends of the UV lamp and turn them by 90° (3). Remove the UV lamp (4).

This is how you use the remote control



Using the remote control

Adjust the remote control within 6 m and 30 degrees to the IR receiver of the device.

Caution: The signal is weak if there are obstructions between the device and the remote control.

It has four buttons with the same functions as on the control panel of the device.

Maintenance and servicing

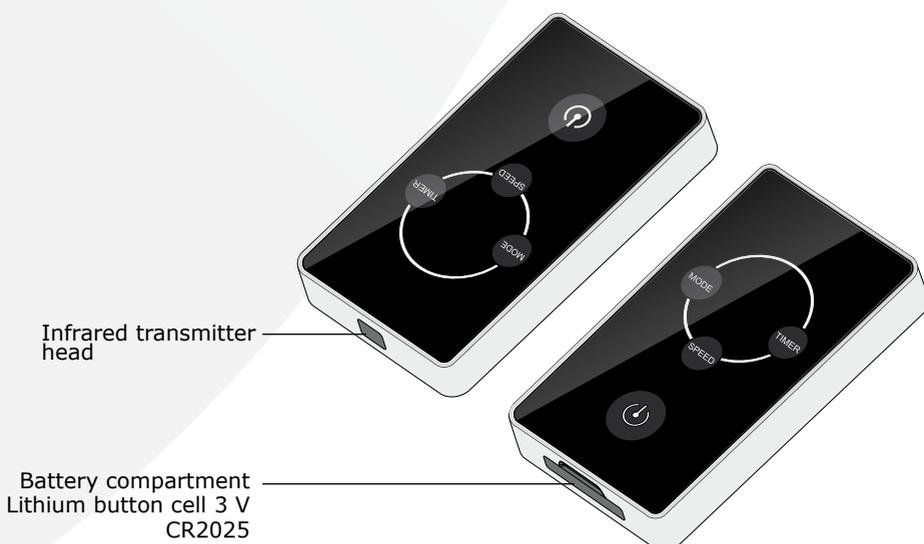
Please replace the batteries if the received signal is weak.

Please use original batteries only.

Wrap the used batteries in plastic before disposing them.

Keep the batteries out of reach of children. Keep the remote control dry.

Please do not pierce the remote control with a sharp object.



Properties

Highly-efficient HEPA filter: The HEPA filter collects 99.97% of the particles (0.3 μm). It removes effective dust (inhalable particles), cigarette smoke, bacteria, pollen, fungi, mites and radioactive particles from the air.

Modified activated carbon filter: High-quality carbon modified using special technology, which is equally segmented into cellular holes to remove harmful substances such as formaldehyde, VOC and other smells.

Nano photocatalyst filter: A nano photocatalyst, combined with UV light, produces free electrons and points of oxidation. Highly oxidising hydroxyl radicals and superoxide ions are produced in the presence of O_2 or water molecules. Hydroxyl radicals break organic materials (e. g. formaldehyde, benzene, dimethylbenzene) and a part of the inorganic materials into harmless carbon dioxide and water. Superoxide ions oxidise different organic compounds, a part of the inorganic materials on the surface is absorbed and the cell membranes of bacteria and solidified viral proteins break. The filter therefore has extremely effective, non-polluting and sterilising functions.

Intelligent sensor: The smart sensor automatically adjusts the motor speed to the air quality in the room.

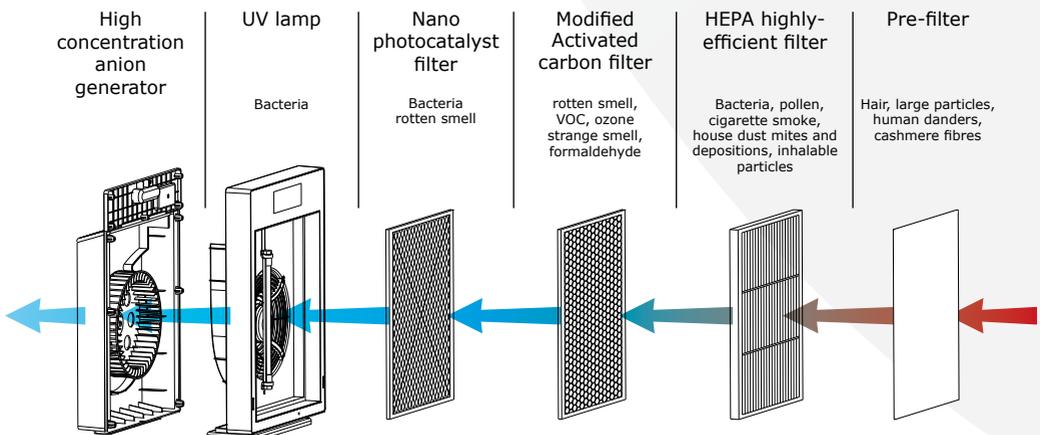
LCD display: Indicates the operation status of the system. The individual modes of the system can be selected using the touchscreen.

Anion generator: More than 3 million anions generate fresh air.

Brushless DC motor: The brushless DC motor runs very softly and consumes less power.

Ultra-flexible design: The volume is 26 db at the lowest speed.

UV lamp: The UV radiation irradiates cells, viruses and other single-cell microorganisms to destroy their DNA structure. Microorganisms cannot form any protein as a result of which they die and cannot reproduce themselves. UV light can kill bacteria, viruses, fungi and single-cell algae. This prevents them from spreading.



Troubleshooting

The most common problems, which may crop up with the device, are listed below. If you cannot resolve the problem with the given information, please contact the customer service.

Problems	Possible solutions
The device is not working.	<ul style="list-style-type: none">- Is the mains plug connected to the power socket?- The front panel has possibly not been installed correctly; please install the front panel.
Pure air is not flowing from the air outlet.	<ul style="list-style-type: none">- You have not removed all the packaging material from the filters. Ensure that you remove all the packaging material before using the device. Please pay attention to the warning label. Incorrect operation can damage the motor.
LCD display does not light up.	<ul style="list-style-type: none">- Operation in the Idle mode.- The LCD display is not in order. Please contact the customer service.
Audible noise can be heard from the device during operation.	<ul style="list-style-type: none">- The air inlet and outlet could be blocked.- The channel could be blocked. Please turn off the device and remove whatever is blocking the channel. If this does not work, please contact the customer service.- There can be problems in the motor. Please contact the customer service.

Specifications

Rated voltage	240 V / 50 Hz
Motor specification	Brushless DC motor: DC 310 V
Rated power	75 W
CADR	440 m ³ /h
Dimensions	698 x 493 x 221 mm
Weight	10 kg

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BestAir 

AirJet 500

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60 m²



DEKRA

