



LIFAair

LIFAair International Limited

Manufactured by Dongguan LIFAair Technology Ltd.
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www.lifaair.com Designed in Finland

LA500VC Smart Air Purifier

Please read this user manual carefully before using the product and keep it for future reference.

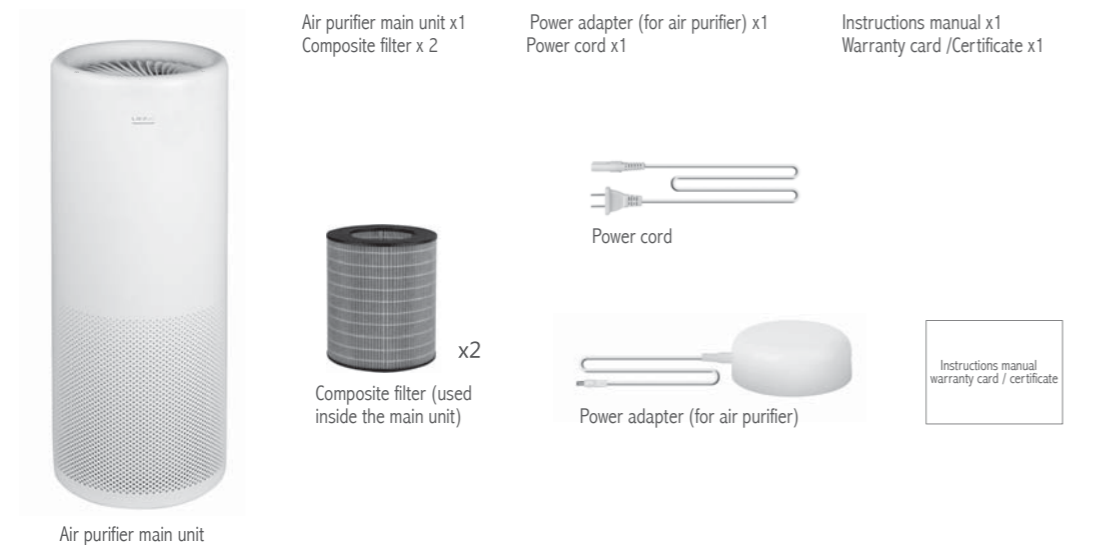
Warning: Before using the machine for the first time, you must remove the filters' moisture proof protective bags.

Thank you for selecting a LIFAair product! You are about to enjoy the Finnish technology that brings profound and professional user experience of our clean air products.

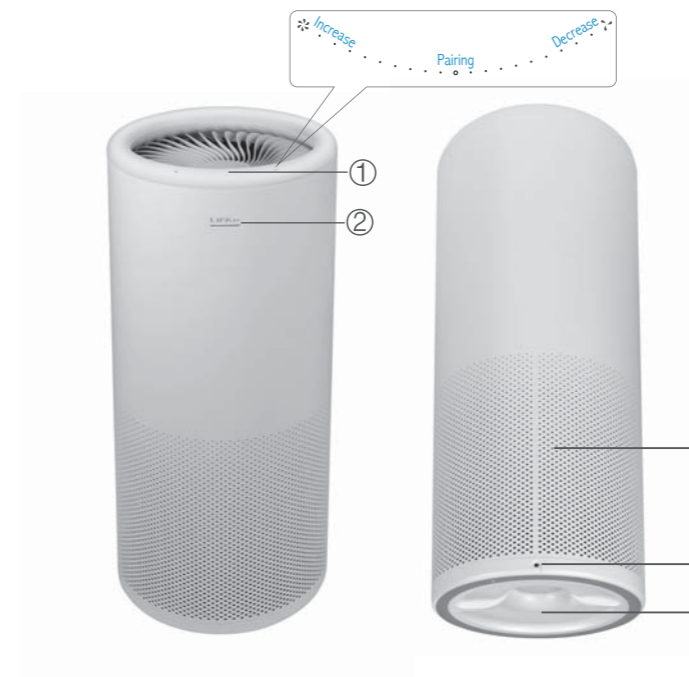
Important safety information 

- Only use attachments/accessories provided by the manufacturer.
- Keep the machine away from children to avoid accidents.
- Do not block any ventilation openings. Install the machine in accordance with the manufacturer's instructions.
- Make sure the machine stands in an upright position (never obliquely or upside down) when used.
- Unplug the machine when it is not being used for a long period of time.
- Do not use this machine in rooms with large temperature differences to avoid water condensation inside.
- Protect the power cord from being walked on or pinched.
- Please switch off and unplug the machine before moving it or cleaning and/or replacing the filters.
- Do not use this machine near high temperature and / or humidity, such as bathrooms.
- Never open the power adapter to avoid electric shock and impact on warranty.
- For body safety and machine completeness, never sit on or lean upon it.
- Do not put objects into the grill, the movable portion, the air inlet and / or the outlet.
- Do not place the product directly under air conditioner to prevent condensed water droplets.
- With the exception of professional maintenance personnel, please do not attempt to repair the product.
- To prevent electric shocks, be sure to follow the requirements of the method and manner of this manual for cleaning and maintaining the product. Please do not try to maintain the product in any other way.
- Please ensure that the machine is used only with the power supply unit provided with the appliance.

Packing list



Main unit



- ① Touch control surface: change fan speed and enter the pairing mode.
- ② Working status / power indicator light

In case the Monitoring controller is not connected
Green light flashing slowly: standby mode
Green light flashing: response to touch control
Green light flashing rapidly: pairing with controller
Green light remains steady: operating mode
In case the Monitoring controller is connected
White light flashing slowly: standby mode
White light flashing: response to touch control
White light remains steady: operating mode

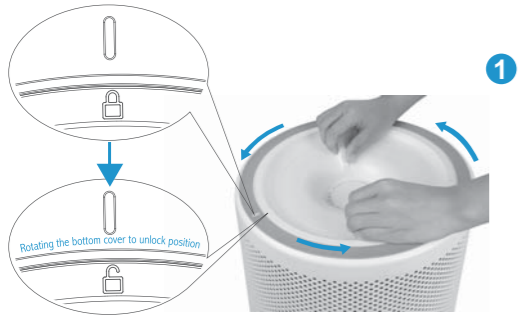
- ③ Air intake
- ④ DC power connector (connect to the power adapter)
- ⑤ Bottom cover

Increase the fan speed  Decrease the fan speed 

Note: This package does not include the LIFAair Monitoring controller.

First installation

3



1

Switch off and unplug the machine. Cover the ground with a soft towel or a protective pad, flip the main unit upside down and rotate the bottom cover to "unlock" position.

2



Remove the bottom cover

3



Open the protective bag to find the side handle of the filter and take out the filter.

4



Remove the protective bag of the filter

5



Repeat steps 3 and 4 for the second filter. Orderly put the two filters into the main unit and gently shake them to the right place.

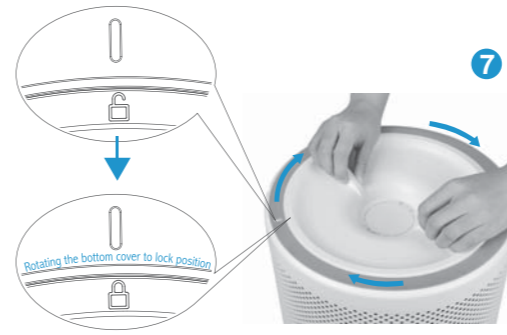
6



Close the bottom cover

First installation

4



7

Lock the bottom cover (be sure to rotate the bottom cover to the "lock" position)

8



The installation is completed. Flip the main unit carefully back to the upright position.

Connect the power supply



Remove the protective strip on the DC power connector, take out the power cord and connect to the power adapter. Connect the adapter to the main unit and then connect it to the power source. The main unit will be in standby mode, LED light will be flashing slowly.

Correct positioning

To achieve the best possible performance of the air purifier, the air inlets should maintain a certain distance from the walls and other obstructions when using the purifier.



Note: The pictures in this manual are schematic and may be different from the real unit, please refer to the real unit.

* This product has an "Auto" mode and a "Manual" mode and it is well suited for the requirements of different circumstances. The preset fan speed of the "Auto" mode can be customized by the user by following the steps under the title "Customize the preset fan speed under auto mode".

* In the first-time use, this product is in default auto mode. This default mode is the factory setting, which is 50% of the fan speed.

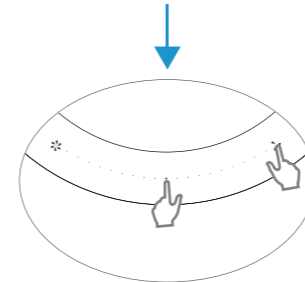
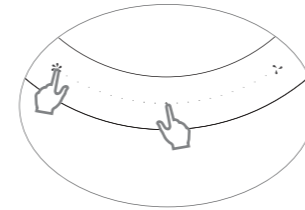
* The user may change this preset fan speed by following the "Adjust preset fan speed under auto mode" steps below.

* This product has a memory function, which will automatically save the prevailing mode and fan speed before switching off the machine. In case the user switches off the power after having chosen the Manual mode (page 7), the machine will return to the selected mode and fan speed when it is switched on again.

Auto mode

Auto mode:

1. If you adjust the fan speed manually to the minimum (green LED flashing) while the machine is on "Auto" mode, it will automatically return to the preset fan speed after 30 seconds.
2. If you adjust the fan speed manually to any other speed, it will automatically return to the preset fan speed after 20 seconds.
3. In the first-time use, the product default is in auto mode and fan speed is at 50% (factory setting). This preset fan speed can be customized by following the steps below.



Customize the preset fan speed under auto mode

1. Steps for customizing the preset fan speed are as follows:

- a. Manually adjust the fan speed to the minimum air volume (green LED flashing) by sliding your hand on the touch screen surface counter-clockwise. Press and hold "★" and "●" icon for about 2 seconds at the same time. After white LED light flashes three times, the green LED light will remain steady.
- b. Select the desired fan speed by using the touch control surface. Sliding clockwise will increase the fan speed and sliding counter-clockwise will reduce the fan speed. You need to finish this step before the green LED light flashes rapidly three times under 10 seconds. If the step is not completed then, the machine will automatically switch to the "Manual" mode.
- c. After having selected the desired fan speed, press and hold "★" and "●" icon for about 2 seconds at the same time. After the white LED has flashed three times, the LED will turn green and remain steady. This indicates that you have successfully customized the preset fan speed under Auto mode.

2. The user may also purchase a LIFAir Monitoring controller and use it to switch to a fully automated mode, where the fan speed will be adjusted automatically based on the ambient indoor air quality.

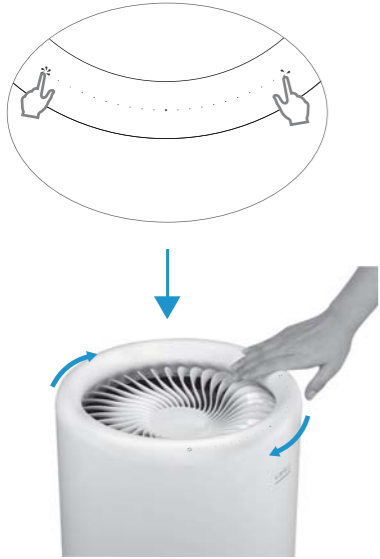
Switch manual mode to auto mode

After finishing the steps above, the purifier will enter the auto mode.

Note: Due to product updates and software upgrades, the description here may not match the user interface. Please always refer to the real unit.



Manual mode



Manual mode:

1. Manually adjust the fan speed to the minimum (green LED light flashing),
2. Press and hold “” and “” icon for about 2 seconds at the same time. The green LED will first flash three times and then remain steady as an indication of a successful switching to the manual mode.

Under the manual mode, users can adjust the fan speed per their personal preference by touching the touch control surface. Sliding clockwise (towards “”) will increase the fan speed and sliding counter-clockwise (towards “”) will reduce the fan speed.

Switch auto mode to manual mode
After finishing the two steps above, the main unit will enter the manual mode.

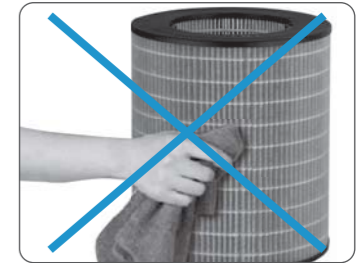
Filter cleaning and replacement. Clean and replace the filters only after making sure that the main unit has stopped running and the power cords have been unplugged.

User can pair the main unit with the LIFAair Monitoring controller (LAM01/LAM01a/LAM02) to monitor the filter life in real time and check when it is time to clean the pre-filter or replace the filter.

The filter life depends on the usage of the machine. The filter life can be extended by using the default auto-mode and using high fan speeds only when necessary. LIFAair Monitoring controller will also extend the filter life, since it can adjust the speed of the main unit's fan based on the ambient indoor air quality.

The composite filter's outer surface acts as a pre filter. You can clean the pre filter by following the steps below.

Clean the pre filter



Cleaning the pre filter: Make sure the DC power is switched off. Cover the ground with a soft towel or a protective pad, flip the main unit carefully upside down and rotate the bottom cover to “unlock” position. Take out the two filters from the main unit and clean them outdoors using a dry cleaner equipped with a brush, such as a vacuum cleaner or a toothbrush. Clean the dust on the outer surface of composite filters. Upon completion of cleaning, install the filters back into the main unit.

Note: Do not use a wet towel to clean the pre filter to avoid clogging the pre filter.

Replace the filter

Replacing the filter: Make sure the DC power is switched off. Cover the ground with a soft towel or a protective pad, flip the main unit upside down and rotate the bottom cover to “unlock” position. Take out the two filters from the main unit and replace them with new filters. Please remove all moisture proof protective bags before installing them into the main unit. After ensuring that the bottom cover is rotated to the “lock” position, please flip the main unit carefully back to the upright position.

Specifications

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Product Name: Smart Air Purifier

Product Type: LA500VC

Clean Air Delivery Rate for particle (CADR particulate matter): 600m³/h

Cumulate Clean Mass for particle (CCM particulate matter): P4 level

Particle Removal Efficiency: high efficient level

Clean Air Delivery Rate for formaldehyde (CADR formaldehyde): 190m³/h

Cumulate Clean Mass for formaldehyde (CCM formaldehyde): F4 level

Formaldehyde Removal Efficiency: high efficient level

Noise: ≤ 66dB (A)

Application area: 42m² ~ 72m²

Note: for application area, it is in accordance with GB/T18801-2015 calculated based on the value of CADR for particle. Performance data above are in accordance with GB/T18801-2015 tested by the third-party laboratories by using soot particles or gaseous pollutants as targeted pollutants

Troubleshooting

Purifier not working?

Please check whether the power cord is correctly connected.

Please check whether the purifier is in minimum wind speed.

Please check whether the bottom cover is in the lock position.

Running noise?

Please check whether the filter is installed.

Please check whether the protective bags of the filter have been removed.



Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over



Correct disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.