



LIFAair®

LAS302

Smart Air Purifier + Sterilizer

Please read this user manual carefully before using, and keep for future reference.

LIFAair Oy Ltd.

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Preface

Thank you for choosing LIFAair! You are about to enjoy superior Finnish technology and innovation.

Overview

Understanding Plasma Technology

Plasma is a material form consisting mainly of free electrons and charged ions, often considered to be the fourth state of matter, called the plasma state. Plasma has very high conductivity and strong coupling with electromagnetic fields. Strictly speaking, plasma is a gas mass with high energy and dynamic energy, which contains a large number of reactive oxygen ions. High-energy free radicals and other components can easily react with bacteria, molds, spores, and proteins and nucleic acids in viruses to denature them and cause various microorganisms to die.

The product generates a small amount of ozone while generating plasma, not sufficient to be harmful to the human body and the internal 3G filter can effectively filter the trace amount if present.

Main sterilization: Plasma technology

Sterilization strength: Plasma density $3.46 \times 10^{14} \text{ m}^{-3}$

Effective against type of microorganisms: Common bacteria in the air

Sterilization rate for staphylococcus albus (8032) $\geq 99.9\%$

Ideal Use

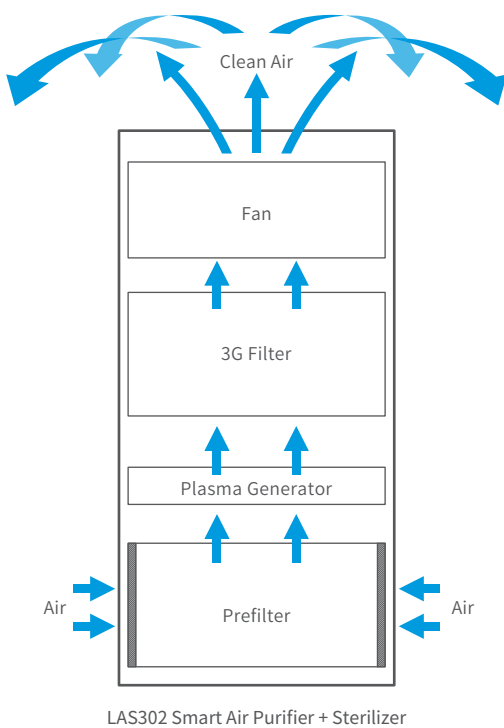
It is suitable for use in enclosed environments such as library, museums, office buildings and homes, where the air is confined within a space. The LAS302 can eliminate bacteria and viruses at 99.9% efficacy.

How does the LAS302 work?

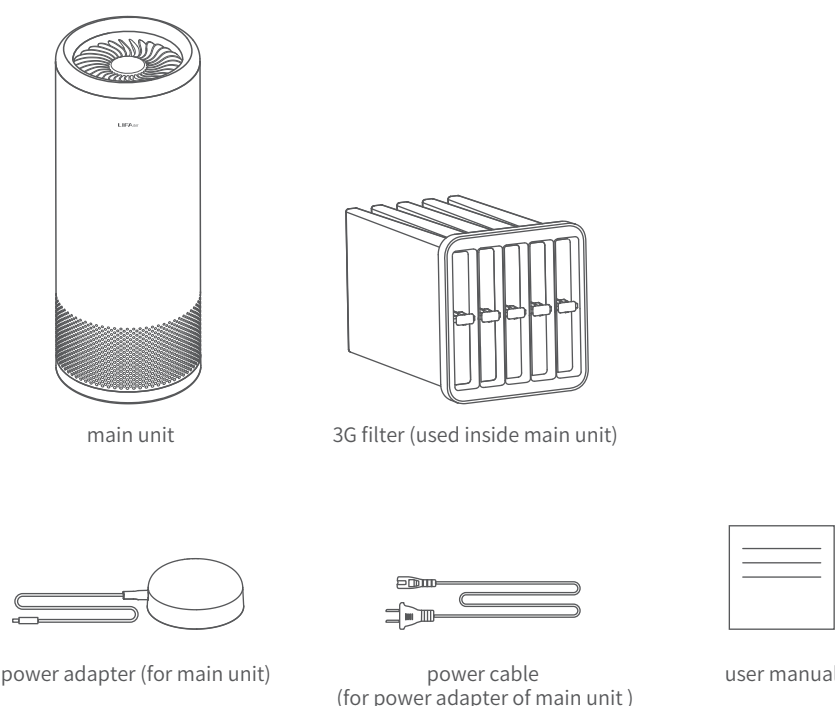
A. Sterilization function: Plasma Generator

B. Through the rotating of fan blades, the product pumps indoor air from the bottom and releases out from the top, allowing the air to filter via prefilter, plasma generator, and 3G filter. This three-step filtration sterilizes and eliminates bacteria completely as the machine continues to circulate clean air.

C. The operating principle is illustrated as below:

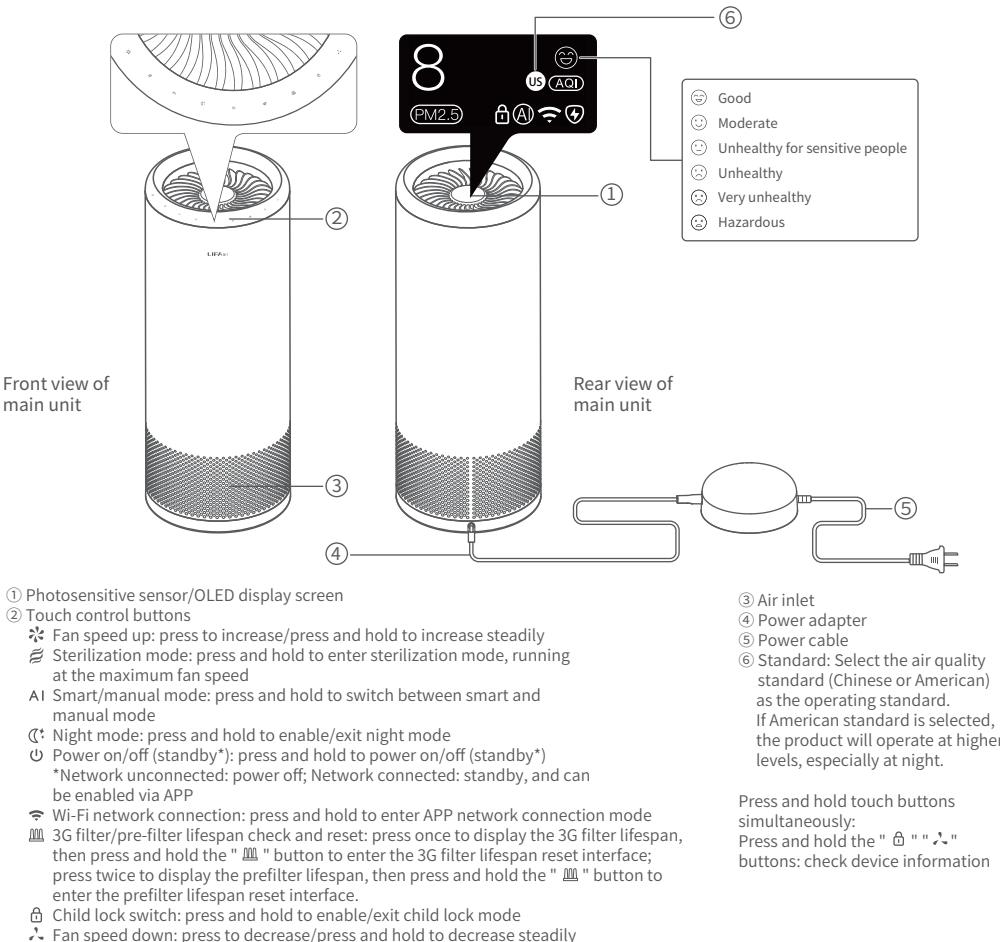


Packing List



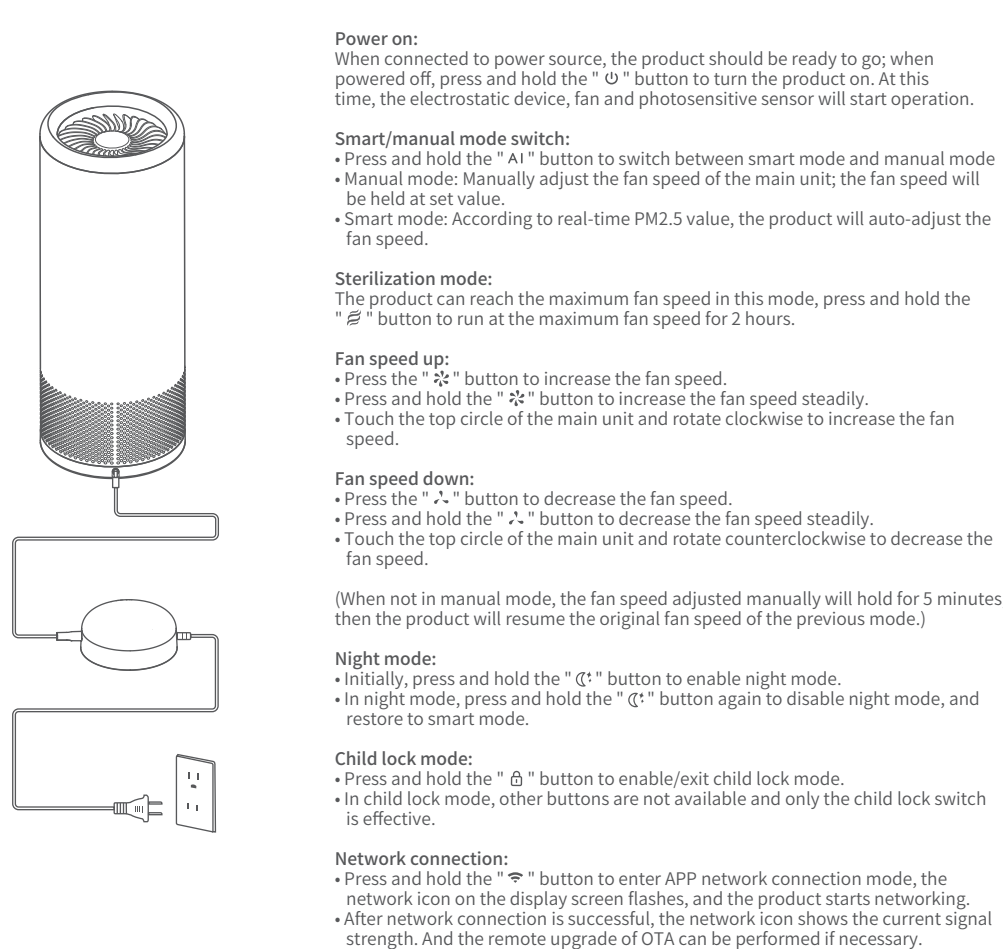
Note: Due to product and software upgrades, operation interfaces shown on this manual may be slightly different from actual product. If any difference is found, the actual product prevails.

Features



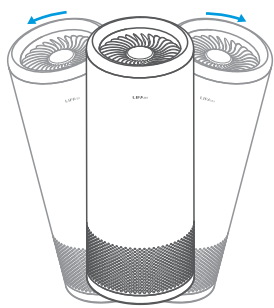
Note: Do not block the sterilizer's opening.

User Guide



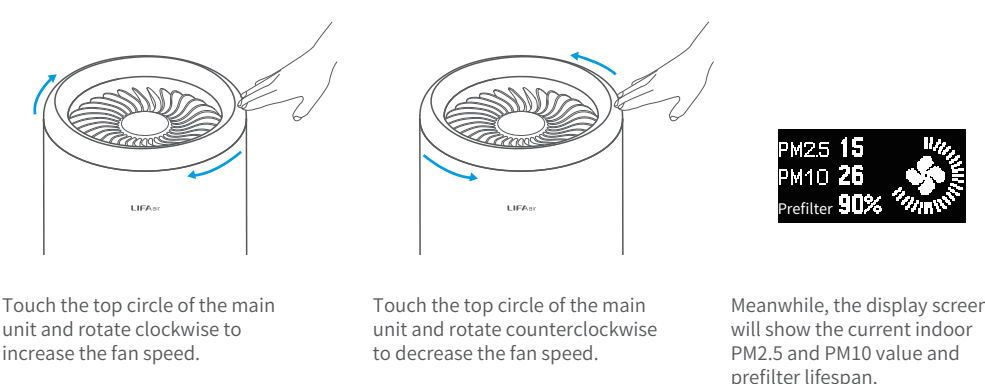
Do Not Tilt

Note: Use with caution and avoid tilting the product! When it is tilted, a built-in sensor will turn off the unit, so as to avoid damage to the product and its parts.



Manually Control Fan Speed

Easy to operate



APP Connection

Scan the QR code to download and install the LIFAair APP. After installation is complete, add device in the APP, and follow instructions to operate.



Prefilter Cleaning and 3G Filter Replacement

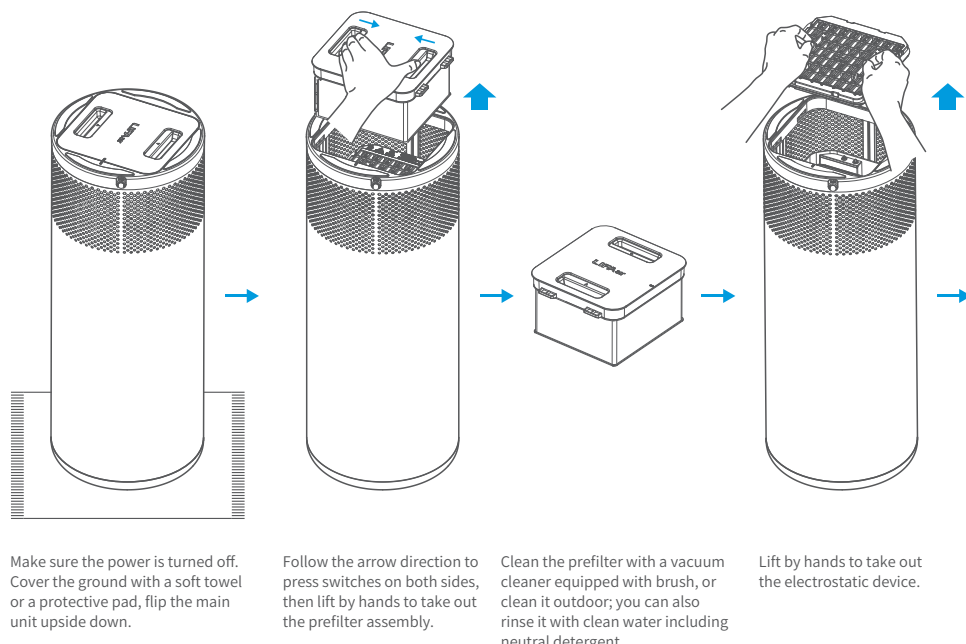
(Turn off the main unit, unplug the power cable and then proceed to clean prefilter or replace 3G filter)

APP reminder:
The product has a reminder feature. When the "Prefilter Lifespan" "3G Filter Lifespan" indicated by the display screen reaches below 5%, the APP will alert you to clean or replace soon.

Check manually:
Press the "F" button once to check 3G filter lifespan; Press the "F" button twice to check prefilter lifespan.

Prefilter Lifespan Less Than 5% Clean Soon

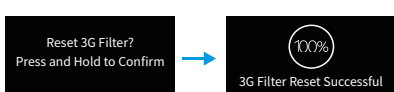
3G Filter Lifespan Less Than 5% Replace Soon



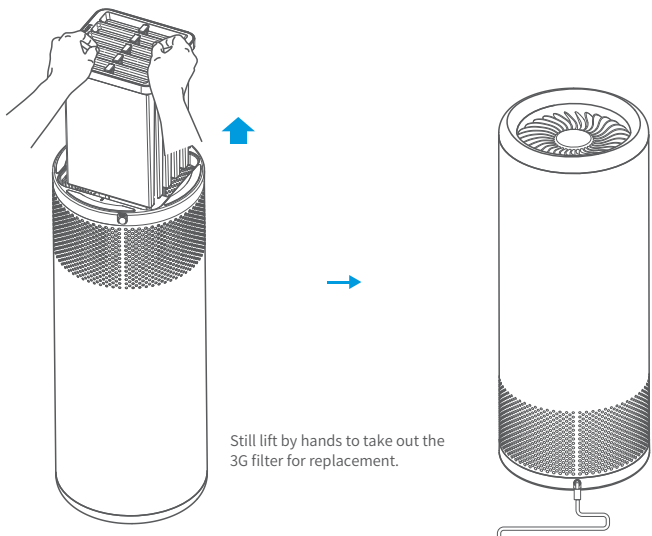
Prefilter Cleaning and 3G Filter Replacement

(Turn off the main unit, unplug the power cable and then proceed to clean prefilter or replace 3G filter)

After replacing the 3G filter:
Press the "F" button once to display the 3G filter lifespan, then press and hold the "F" button to enter the 3G filter lifespan reset interface, and press and hold again to reset the 3G filter lifespan, so as to restart the smart monitoring for the 3G filter lifespan.



After cleaning the prefilter:
Press the "F" button twice to display the prefilter lifespan, then press and hold the "F" button to enter the prefilter lifespan reset interface, and press and hold again to reset the prefilter lifespan, so as to restart the smart monitoring for the prefilter lifespan.



Warning: To minimize error, do not remove the prefilter. If it is damaged, please replace it from authorised dealers only.

Specifications

Product name: Smart Air Purifier + Sterilizer
Model number: LAS302
Rated voltage: 24V ~
Rated power: 45W
Standby power: 0.3W
SPL: <66dB(A)
Particle Clean Air Delivery Rate (CADR particulate matter): 310m³/h
Particle Cumulate Clean Mass (CCM particulate matter): P4 level
Particle purification efficiency: high efficient level
Sterilization rate of H1N1 virus: >99.99%
Sterilization rate of staphylococcus albus: $\geq 99.9\%$

Note: Performance data above are in accordance with WS/T 648-2019 and GB/T18801-2015 tested by the third-party laboratories.

Troubleshooting

The main unit not working?

Please check whether the power cable is connected properly. Please check whether the product is at minimum fan speed.

Running noise?

Please check whether there is any foreign objects around the air inlet.

Cannot connect to APP?

Please ensure it is 2.4G signal of Wi-Fi, as 5G signal is not supported. Please ensure Wi-Fi password is correct. Please keep the device, mobile phone, and router as close as possible to ensure the signal strength. Please restart the machine and mobile phone, then try again. Please feel free to contact our official customer service.

Customer Service - International
If you have any questions, please contact us at care@lifa-air.com or visit us at www.lifaair.com

Please note: All right to change or modify the product without prior notice are reserved.



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