BA-02

UV HEPA Air Purifier

INTEGRUM 3D



Owner's Manual

Hello!



Thank you for purchasing the BA-02 HEPA UV Air Purifier. We hope this effective, modern system of cleanliness is just what you have been looking for. Before using the BA-02 HEPA UV Air Purifier, please explore all its features in this manual and on our website. When using the BA-02 HEPA UV Air Purifier, please strictly follow the guidelines, proper care, and maintenance. If you have any questions, just give us a call. We love to hear from you!

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1. Unit and Component



BA-02 HEPA Air Purifier Unit



High Efficiency UV Resistant Composite Filter



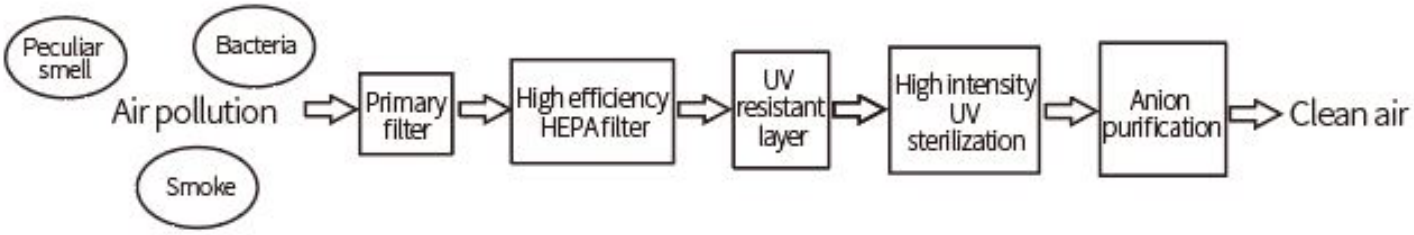
Power Cord



Manual

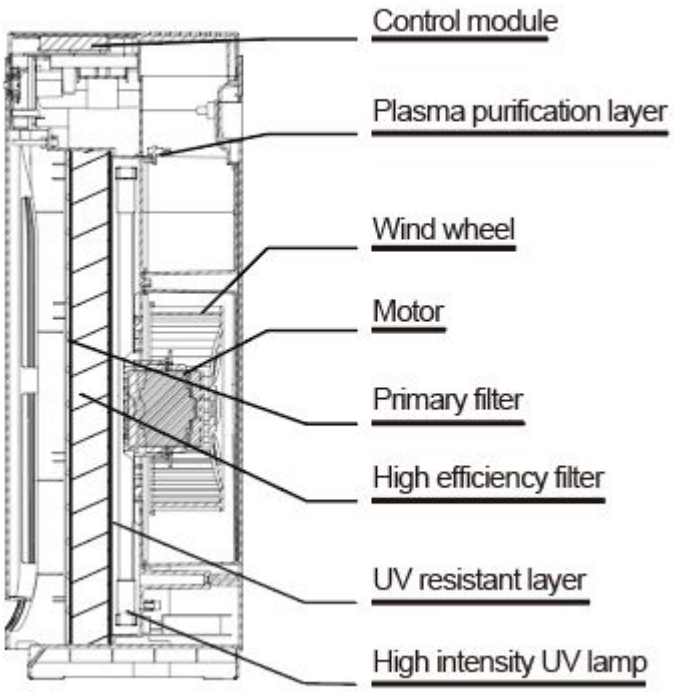
2. Disinfection Principle and Product Structure

Disinfection Principle

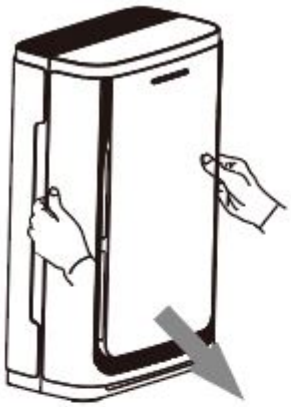


This product adopts the form of circulating wind to drive the polluted air into the ultraviolet air purifier. The polluted air then goes through the primary filter, the high efficiency HEPA filter, the UV resistant layer, the high intensity UV sterilization, and lastly anion purification. This process will result in the disinfection of polluted air and into clean air. Since the ultraviolet lamp is sealed within the disinfection chamber, the air will become disinfected after passing through the whole chamber. This makes it so that the product does not have any ultraviolet light leakage. The concentration of ozone from the UV is $\leq$ 0.1 mg/m^3, which is in line with the national standard of 0.15mg/m^3. Major components of this product include the primary filter, high efficiency HEPA filter, UV resistant layer, high intensity UV sterilization layer, and anion purification. Along with this, a combination of the motor, wind wheel, control module, and air duct accessory are necessary for the products operation.

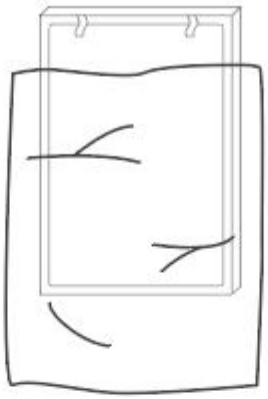




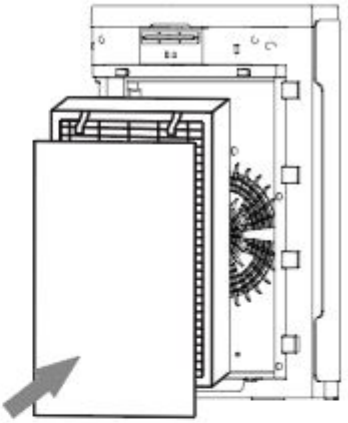
3. Using Guide



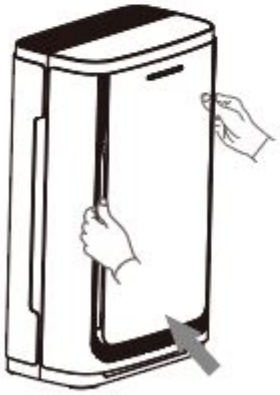
1.Remove front pane



2.Remove filters



3. Install filters



4.Install front panel



5.Connect power



6.Open the switch, automatic sterilization

4. Precautions

In order to prevent harm or property damage, please be sure to follow the following regulations and instructions.



Warning

This sign indicates that the content is: assuming the possibility of death or serious injury.



Notice

This sign indicates that the content is: it is assumed that there is a possibility of injury or material damage.



This sign indicates that the content is: prohibited content.



This sign indicates that the content is: mandatory content must be enforced.

Warning



Forbidden Disassembly

Do not disassemble and reform by non-professionals as to avoid damage and injury.



Do not put any foreign matter into inlet or outlet to avoid electric shock and injury.



Do not turn on the UV lamp after removing the filters and anti-UV layer.



Warning

Remove power cord before cleaning the machine. Doing so will help prevent electric shock and injury.



Do not use other AC power supplies (if the power supply exceeds the standard specs of the machine, it will result in damage to the product and/or other damage).



Do not touch the power plug with wet hands, or else this may cause an electric shock.



Insert the plug completely into the power socket before starting the machine. If not, this may cause an electric shock, overheating, and even a fire accident. **DO NOT** use damaged plug or a loose power socket.



Keep the machine dry, or else it may cause a short circuit or an electric shock.

Precautions Continued



Do not use this machine in damp environments such as bathrooms. Doing so increases the chances of electric leakage, electric shock, fire, etc.



Do not use this machine under high lampblack environments such as the kitchen. Doing so will result in damage to the product. This machine cannot be used as a ventilation fan.



Do not use insecticide sprays while the machine is running. Let the indoor air circulate adequately before using the insecticide, otherwise this can make the machine interior accumulate medicament composition which is averse to human health.



If this unit operates with an electric heater, the room needs to have ventilation. This machine **CANNOT** remove carbon monoxide. Not having proper ventilation may result in a carbon monoxide poisoning accident.



Do not wipe the machine with alcohol or organic solutions, otherwise this may cause damage to the machine, an electric shock, or a fire accident.



Hold the plug when removing the power plug and do not pull the wires. In doing so, this will help prevent a short circuit, damage to the wires, electric shocks, and fire accidents.



Do not place machine close to any combustible materials or ignition sources.



Please close any doors or windows for faster purification of the room air.

Notice
Please turn off the power if any of the following situations occur: • Malfunction of any switch • Power supply short circuits • Abnormal heating of wires or plugs • Any burnt smell, abnormal sound, or shocks • Any other abnormal behavior or malfunction

Remark: If the power cord is damaged, it must be replaced by a professional from the manufacturer, its maintenance department, or similar department to avoid danger.

5. Operation

Turn On

Push the touch button to turn on the machine.

After Starting up the machine, it will enter automatic mode immediately and will turn on the UV lamp.



The icon is always bright after booting up. When the corresponding function is enabled, the text indicator light will be on, the digital area will be displayed with "- - -" before 10s, and then the PM 2.5 value will be displayed.

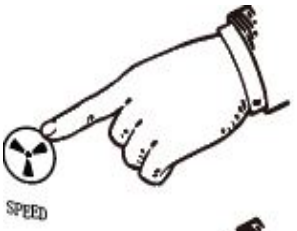
Automatic Disinfection

Boot default automatic mode: the air volume is adjusted with PM 2.5, and the sterilization function of the UV lamp is turned on by default.
The spec relationship corresponds as follows:

PM2.5volume	Air quality grade	Air quality color	Air volume grade
10–79	Good	Green	1
80–199	Fair	Blue	2
200–500	Bad	Red	3

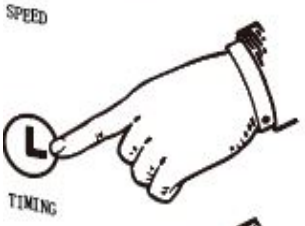
Wind Speed Adjustment

Touch the "wind speed" key on the button screen. Here you can manually adjust the disinfection air volume. Adjust the 0-3 gear and automatic mode circulation air volume, increasing the sterilization speed.



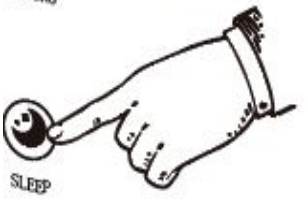
Timer Function

Push "timer" key to set the air purifier working time from 1-12 hours in increments of 1 hour. When the timer function is turned on, the indicator light is bright



Sleep Mode

1. Push "sleep" key to enter sleep mode. The air quality indicator light will go off and the sleep indicator light is on only after 5 seconds.
2. Sleep mode is forced to work at level 1; Any key can deactivate the sleep mode and return the machine to the pre-sleep state.

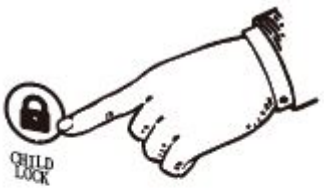


Plasma

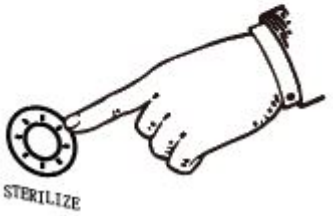
Push "plasma" key to enter the plasma function



Child Lock Function



1. Push "child lock" key to enter the child lock function. A long press for 3 seconds can unlock.
2. Long press "child lock" key for 3 seconds to check out the cumulative working time of filters. The working time will indicate on PM 2.5 digital area, the filter indicator light will be on, and will show four-digital running display.



Sterilization Function

Push "disinfection" key. This will turn the UV lamp on or off and will turn the UV sterilization function on or off.

Filter Replacement

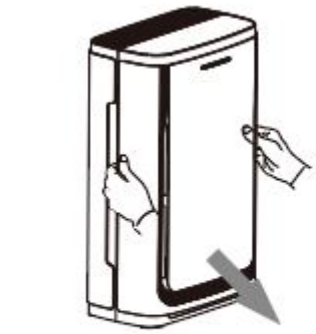
Filter Replacement Reminder

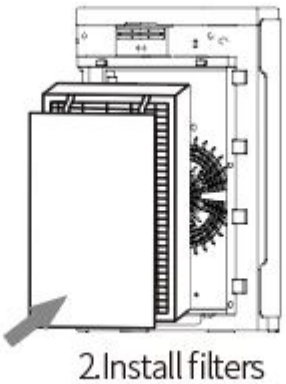
The cumulative working time of filter is expected to reach 2000 hours. The filter replacement indicator is bright.

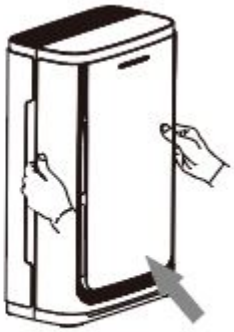


Long press "child lock" key for 3 seconds to check out the cumulative working time of the filters. You can also clear the time for the new filter.

Replacing Filter Steps


1.Take out the front panel


2.Install filters


3.Install the front panel

The filter indicator light will turn off after the filter is replaced.

6. Disinfection and Purification Function

Physical Filtration of Bacteria and Dust

- The dust and bacteria in the air are filtered by physical filtration while the air is sterilized by combining with a high intensity ultraviolet ray. At the same time, the influence of dust on the UV lamp radiation intensity is effectively prevented by the filter. The UV lamp and filter can be easily replaced and loaded.

High Intensity Ultraviolet Sterilization

- The high intensity ultraviolet lamp tube is sealed in the disinfection chamber, combined with the filter layer and the anti-ultraviolet layer to form the sterilization of the high intensity ultraviolet radiation zone. Any bacteria and viruses remaining in the filter layer and light blocking layer will be killed to prevent secondary pollution. The bacteria in the indoor air will be killed under the circulation of the wind wheel and wind duct.

Plasma Clean Air

- The plasma generator produces both positive and negative ions at the same time. Since the number of negative ions is greater than the number of positive ions, then the surplus of negative ions is still floating in the air can achieve smoke elimination, dust removal, odor elimination, and improve air quality. All of this helps promote human health.

Easy to Use

- When the product us started, it is automatically switched on. After the disinfection machine is started, the ultraviolet lamp tube is opened synchronously, and the gear is in the automatic gear, which automatically adjusts the wind speed gear according to the air quality.

7. Technical Parameters

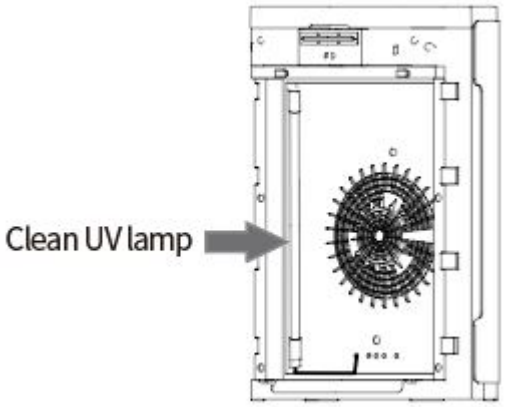
Type	Detailed Parameters
Product Name	BA-02 HEPA UV Air Purifier
Rated Voltage	110V
Rated Frequency	60Hz
Rated Input Power	90W
UV Lamp Power	24W
Ultraviolet Wavelength	253.7nm
App Area	538 ft.^{2}
Disinfection Method	UV + Filters (Primary + HEPA)
Material	High Quality ABS
Product Size	15.3X9.05X24.6 in.
Carton Size	17.3X11.6X27.4 in.
Net Weight	17.6 lbs.
Gross Weight	20.8 lbs.
Power Cord Length	5.9 ft.
Sensor Type	Dust sensor
Power Levels	P0-P3 (4 Levels)
Noise	P0-P1 43dB, P2-60dB, P3-71dB (unit very quiet running at P0-P1)
Unit Coverage Area	538 ft.^{2}

8. Cleaning and Maintenance

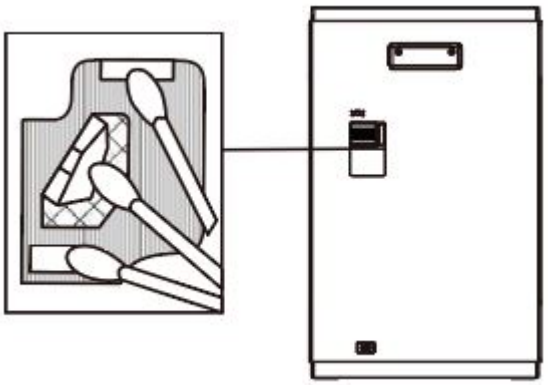
Main Machine: please wipe the surface of the machine regularly with a damp cloth and a small amount of detergent water. Clean the air inlet and outlet with a brush.

UV Lamp: the radiation intensity height of the UV lamp will affect the air disinfection effect. The UV lamp should be cleaned every month with a cotton ball with alcohol at least once. This is to ensure that the radiation intensity height of the UV lamp is not affected by dust.





Sensor: Regularly clean the sensor lens and surface with a wet cotton swab, and then clean the remaining water stains on the sensor with a dry cotton swab.



Filters: there is a built-in program which will remind the user when a filter needs to be replaced. Each filter can be used for about 6-8 months. If the filter is used in an area with a high amount of pollution, the filter may need to be replaced earlier than suggested. Filters can be obtained from designated dealers.

Filter Care: the UV air purifier needs to have its filter maintained regularly for the best performance.

Primary Cotton Filter	about 3 months	Only using vacuum cleaner
High Efficiency HEPA Filter	about 3 months	Only using vacuum cleaner

9. Troubleshooting

Please confirm the faults before sending for maintenance. Below are cases with a list of things the user should check if there is an issue.

Abnormal Situation	Inspection Items
The machine cannot run The display panel does not work.	1. Check if the power cord is connected to the socket or not. 2. Check if the power cord is connected to the device or not. 3. Check if the front panel is covered well or not.
When running automatically, the air quality indicator always shows red or the PM 2.5 value is always on the high data.	1. The sensor may be affected by water vapor, cooking oil, sprays, etc. Please move the machine to another clean environment and try testing again. 2. Remove the cover of the sensor and wipe the sensor with a clean soft cloth.
There is indoor air pollution, but the purifier does not respond.	The location of the machine may be unreasonable, making it difficult for the machine to inhale air pollutants. Change the position of the machine or select the manual operation mode and adjust the wind speed to 3 gears.
Particles are hardly removed, and the noise is too loud.	Check whether the HEPA filter has failed or not. Clean the HEPA filter and primary filter with a vacuum cleaner. If it is not improved, replace the new HEPA filter.
The UV Light leaks when the sterilizing gear is turned on.	If no filter layer or light blocking layer are placed, a closed cavity cannot form, which will result in ultraviolet light leakage. The filter layer and light blocking layer should both be placed.

10. After-Sales Service

One-Year Warranty and Terms

This device comes with a one-year warranty.

From the date of purchase the warranty period is one year and the warranty period is free of charge. The following situations are not covered:

A. The machine is damaged due to human factors.
B. Damage caused by disassembling and repairing the machine without authorization by the company.
C. Normal loss and wear during operation.
D. Filters
E. Damage caused by improper installation and use according to the operational manual.

Matters Needing Attention

To protect your rights and interests, please pay attention to the following information:

1. When purchasing the machine, fill out your warranty card completely and as correctly as you can. Afterwards, get the stamp or seal of the seller.
2. Please properly store the warranty card that has your filled-out information and seal from the seller.
3. An effective warranty card is the basic guarantee for you to enjoy the rights and interests of the warranty (the effective warranty card must be comprehensive, true, and free of alteration).
4. The product should not be used by persons (including children) who are physically or mentally incapable, or who are lacking in experience or knowledge, unless they are under the supervision of other safety personnel or provided with instructions for the proper use of the product.

11. After-Sales Warranty Card

BA-02 UV Air Purifier Warranty Card

<table>
<tr><td>Model</td><td colspan="4"></td></tr>
<tr><td>Warranty Period</td><td colspan="4">DD-MM-YY</td></tr>
<tr><td rowspan="2">Buyer</td><td>Name</td><td></td><td rowspan="2">Phone</td><td rowspan="2"></td></tr>
<tr><td>Address</td><td></td></tr>
<tr><td rowspan="2">Seller</td><td>Name</td><td></td><td rowspan="2">Phone</td><td rowspan="2"></td></tr>
<tr><td>Address</td><td></td></tr>
<tr><td>After-Sales Service Description</td><td colspan="4">1. Warranty Treaty
a. From the date of purchase, the warranty period is one year, and the warranty period is free of charge.
b. The complimentary purchase is not covered by the warranty.
c. Vouchers: purchase records and purchase vouchers issued by the company and invoices are all acceptable.
2. Spare Parts
Parts are provided free of charge during the warranty period. After the warranty period, accessories will be charged at the market price. Filters are classified as consumables unless the filter is damaged. Otherwise, they are not within the scope of warranty parts.</td></tr>
</table>

To ensure that you can fully understand and correctly install and use this product, please read the instructions carefully.

It is recommended that you store the manual properly for reference when needed.

Note: Due to product updates and replacements, if there is any difference in this manual, refer to the actual product.

Company Name: Integrum 3D
Address: 1071 N. Batavia Street Orange, CA 92867