

ALIENCCELL

ALIENCCELL



AP1
User Manual

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For instruction manuals in more languages, please scan the QR code or visit <https://shop.aliencell.com/pages/usermanual>

Statement

Thank you for choosing and using Aliencell products.

To ensure a safer and smoother user experience, it is recommended that you read the relevant sections of this manual carefully before operation and pay attention to all materials provided with the product. The company shall not be held liable for any equipment damage or other losses resulting from failure to follow the instructions.

This manual is intended to provide basic operating instructions and precautions, and does not cover all technical details or configuration information of the product. For specific configurations and accessories, please refer to the actual purchase documents (such as the contract or packing list). Illustrations in this manual are for reference only, and the actual product shall prevail.

The company has rigorously reviewed the content of this manual, but there may still be omissions or errors. Your understanding is appreciated.

To continuously improve product performance and service quality, we reserve the right to change any products, software, or content described in this manual without prior notice.

The content of this manual (including text, images, and layout) is protected by copyright law. No unit or individual may reproduce, reprint, adapt, or distribute it online in any form without the prior written permission of the company.

Aliencell is committed to the continuous optimization of products and services. As such, product features, software versions, and related materials may be updated without prior notice. Some content in this manual may be adjusted accordingly. For the latest information, please visit: <https://wiki.aliencell.com>

Safety

Read the following warnings and suggestions carefully:

- Do not use the air purifier in places where the temperature is high (over 60 °C), fire or explosion is likely to happen, or there is liquid or oil.
 - Ensure that earthing is done before operation.
 - Only professionals can open the rear panel to examine or repair the purifier as the voltage inside it reaches 110~240V.
 - Do not move any filter during operation.
 - Do not touch the rotating impeller with your hands or other objects.
 - To clean or maintain this product, disconnect the power supply first.
 - Ensure that the purifier operates in the specified voltage range (subject to the power information label on the machine). Turn off the purifier and disconnect it from the power supply when the voltage is unstable.
 - The operating humidity ranges from 40% to 80%. Do not use the machine out of this humidity range. Otherwise, the filters may fail to work soon and the interior circuit may be damaged.
 - The Machine come with protective packaging. Remove the packaging before use. Filters are disposable and do not wash and then reuse. Purchase filters from Aliencell for replacement regularly.
 - Place filters in the purifier before operation. Without filters, smoke or dust particles may enter the fan and control system and thus damage them. Damage caused by operating the unit without filters is not covered by the warranty.
 - Stop using the purifier when filters are heavily blocked. Otherwise, the purifier may become less durable and even be damaged. Regularly clean and maintain it, and routinely change filters to ensure the proper operation of the purifier.
 - Ensure that all the filters are set properly before operation. When the filters are blocked, poor at filtering, or fail to work, purchase filters from Aliencell to replace them.
- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

Specifications

Rated Voltage	100-240Vac
Rated Input Frequency	50-60HZ
Input Current	3A _{typ} .@115Vac 1.5A _{typ} .@230Vac

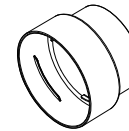
List of Items



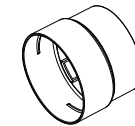
Air Purifier



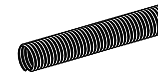
cover plate



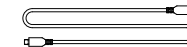
3.64 inch Pipe connector
(Compatible with 3.58 inch exhaust pipes)



3.32 inch Pipe connector
(Compatible with 3.27 inch exhaust pipes)



3.58 inch Smoke exhaust pipe



1.2m Mini-B to Mini-B Cable

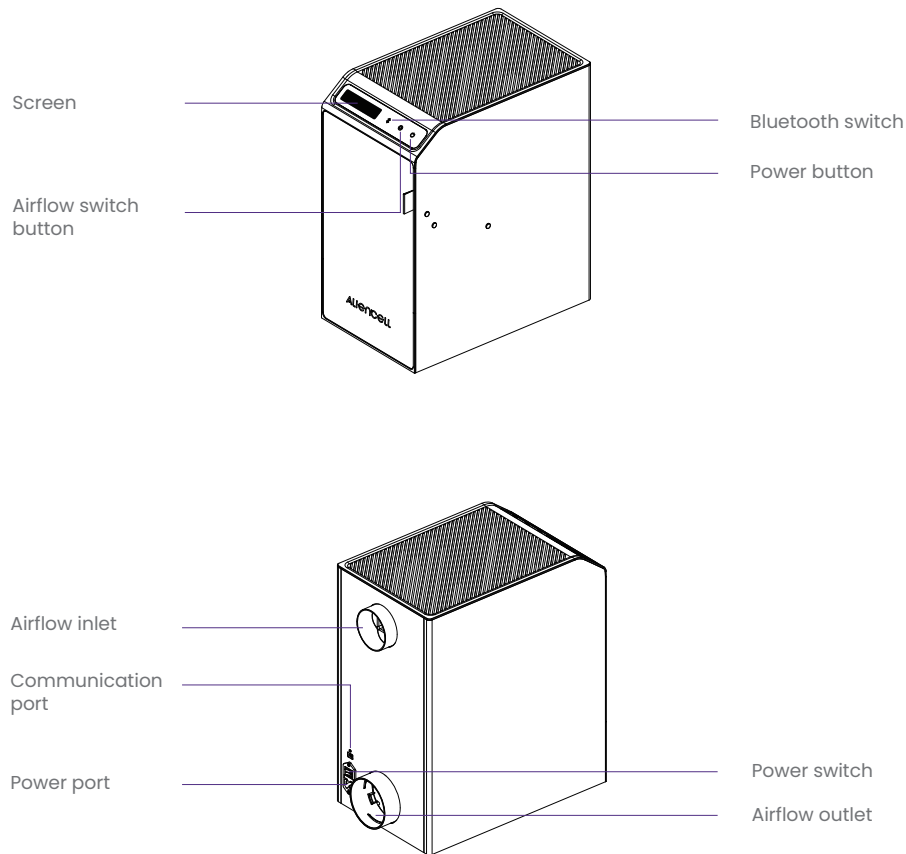


Power cable



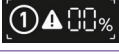
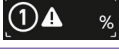
Air Purifier
(All filters have been fully installed and are included inside the product. For more filter maintenance procedures, please refer to our official website.)

Meet your Aliencell AP1



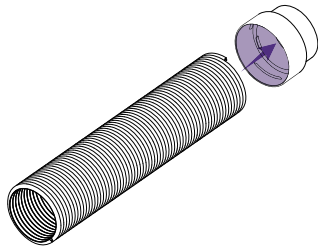
ⓘ The power adapter varies according to the region in which the product is delivered

Status icons indicator

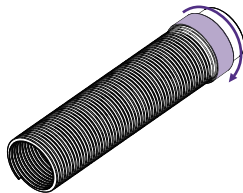
Indicator	Indicator status	Device status
PM10 AQI	 Solid	PM10 AQI Value of the Purified Gas
Auto mode	 Solid	Working in Auto mode
1 gear	 Solid	In 1st gear
2 gear	 Solid	In 2nd gear
3 gear	 Solid	In 3rd gear
Connection Status	 Off	Wired connection not established
	 Solid	Connected to device via cable
Bluetooth Status	 Off	Bluetooth off
	 Blinking	Bluetooth waiting for connection
	 Solid	Bluetooth connected
Cover Status	 Off	Purifier cover is closed
	 Blind	Purifier cover is open
Fault indicator	 Off	Motor Normal
	 Blind	Motor blocked
Filter Status	 Solid	Filter Innormal Filter 1 Remaining Life: 98%
Filter Status	 Blind	Filter 1 needs replacement
Filter Status	 Blind	Filter 1 not detected

1. Connect the smoke exhaust pipe

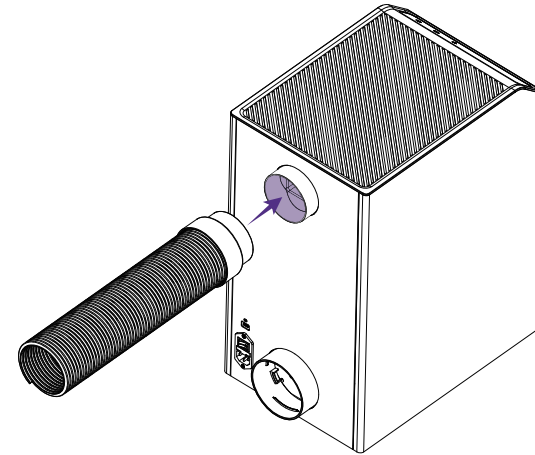
(1) Install the 3.64 inch Pipe connector (the bigger one) onto the smoke exhaust pipe.



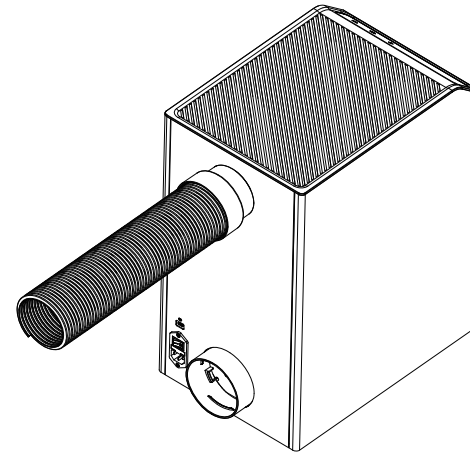
(2) Rotate the pipe connector clockwise to secure the pipe and connector.



(3) Connect the pipe connector and pipe to the airflow inlet of the purifier.

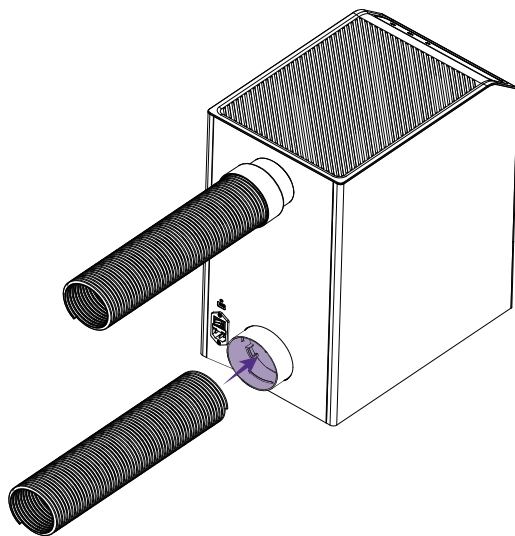


(4) Complete

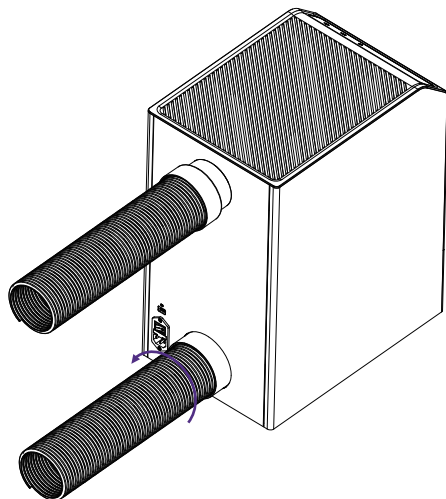


2. (Optional) Connect the smoke exhaust pipe at outlet. (Perform this step if you need to exhaust the smoke of the purifier to other places For example, through the pipe exhaust the smoke out of the room from the window.)

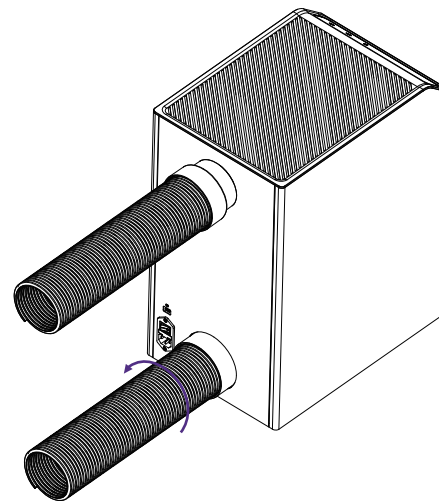
(1) Install the smoke exhaust pipe connector 1 onto the device's smoke exhaust port.



(2) Rotate the pipe connector counterclockwise to secure the pipe and connector.

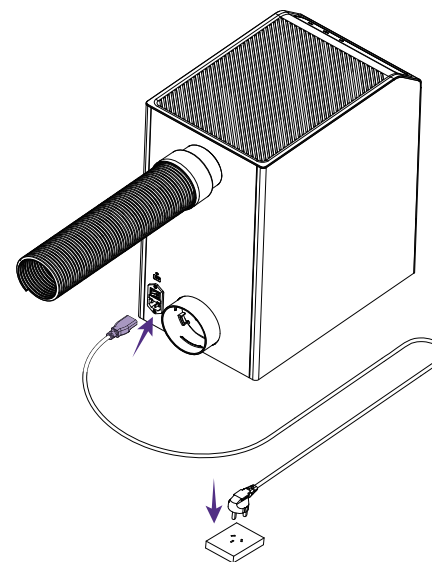


(4) Complete

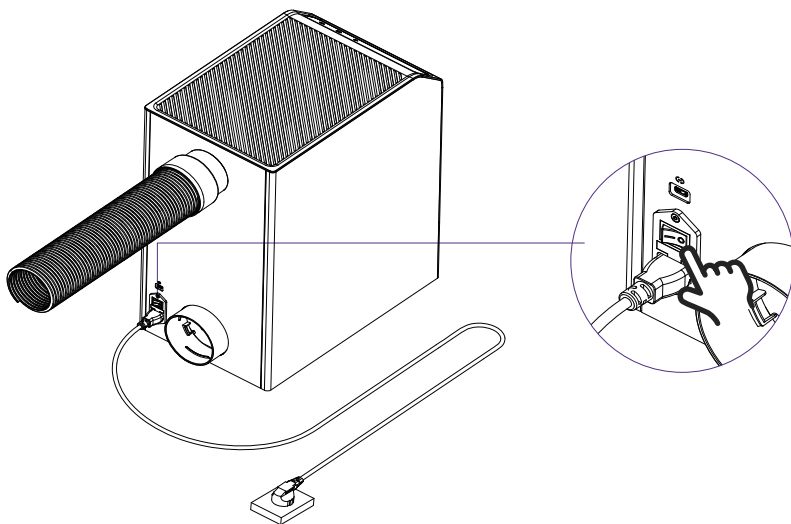


3. Connect to a power supply

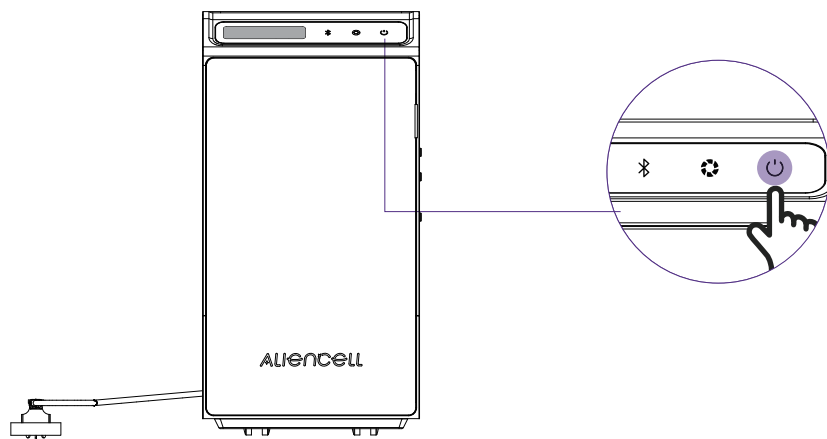
(1) Connect the power cord



(2) Turn on the power switch



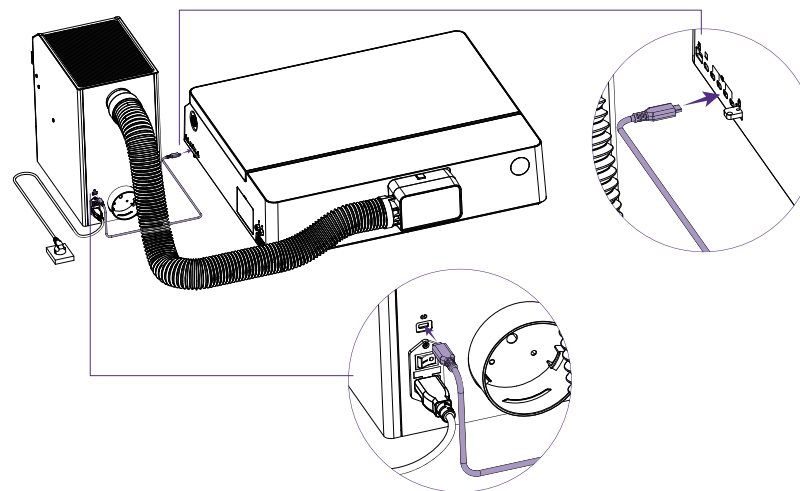
(3) Tap the screen switch



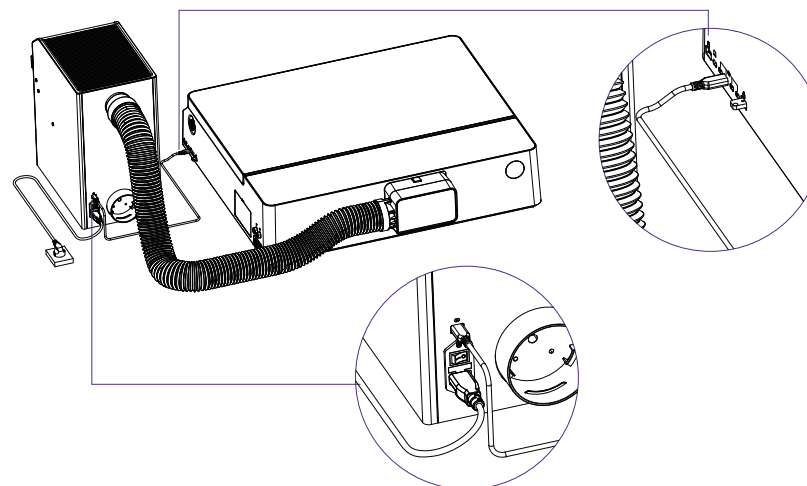
4. Connect to a power supply

Wired connection

(1) Connect the Mini-B data cable to the communication port on the air purifier.

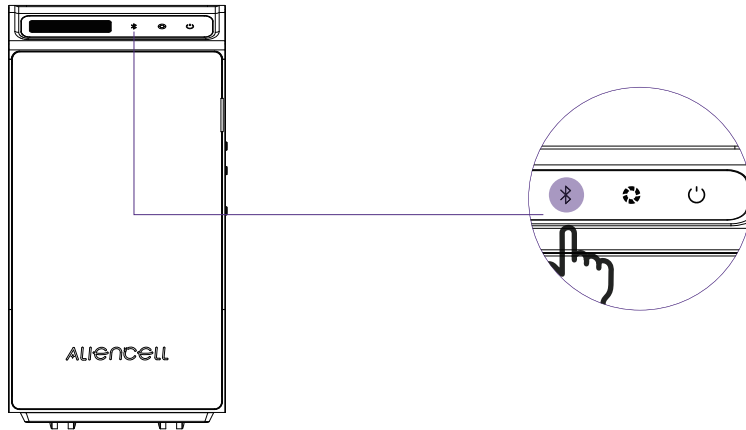


(2) Connect the other end of the cable to the peripheral port on the device.

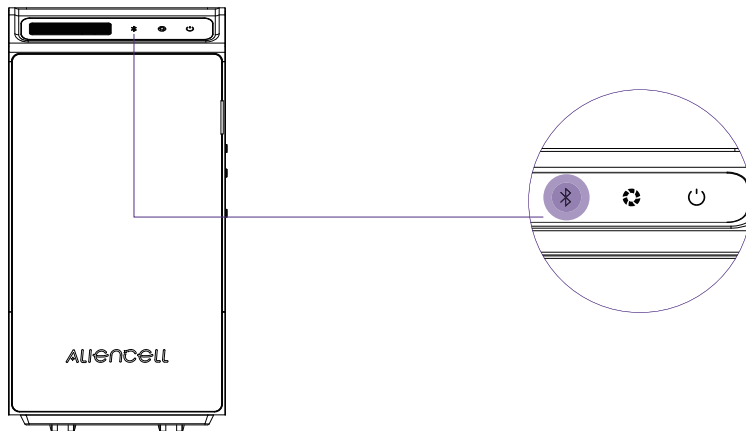


Bluetooth connection

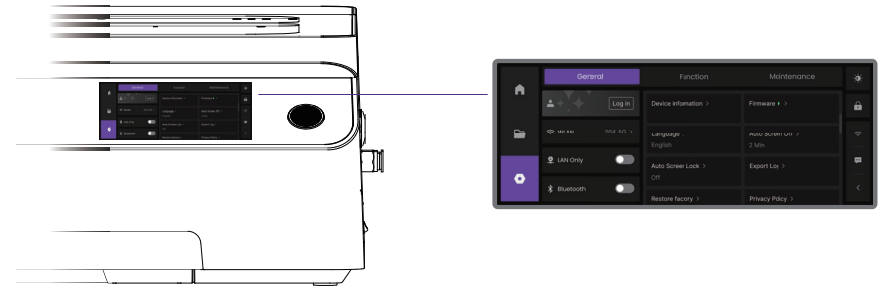
(1) Click the Bluetooth icon on the screen of the air purifier.



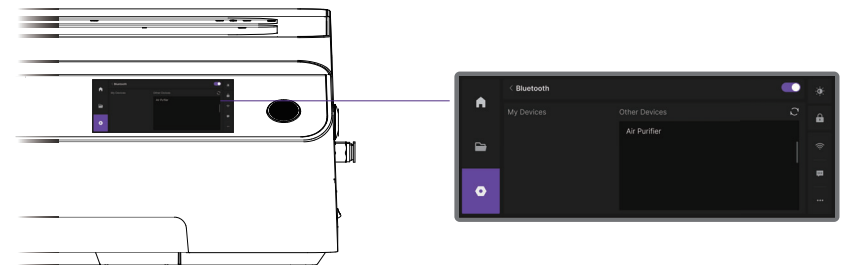
(2) After Bluetooth is turned on, the Bluetooth icon on the screen blinks.



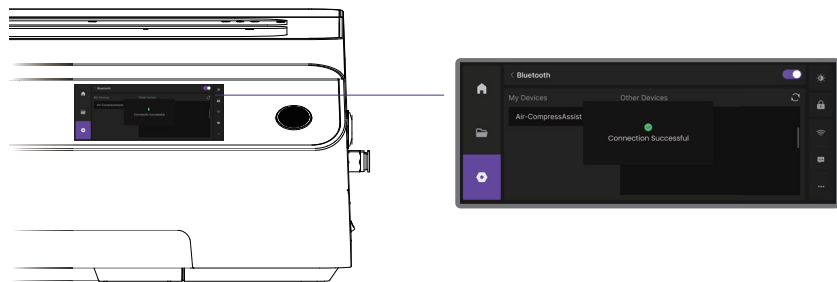
(3) On the Aliencell X1, navigate to Settings > General > Bluetooth to access the Bluetooth interface.



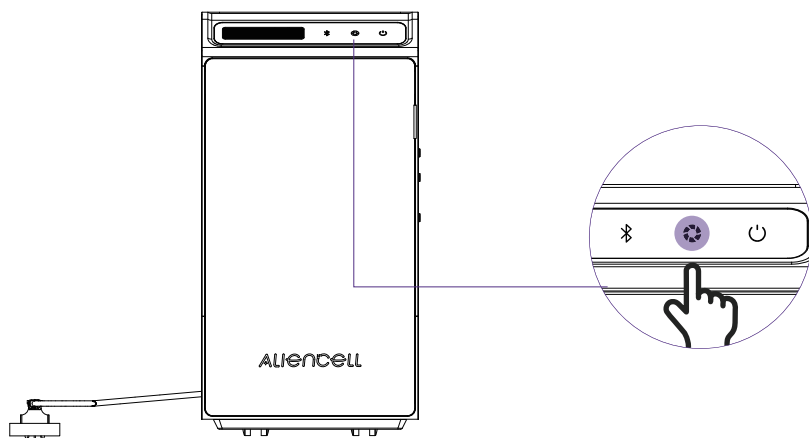
(4) Turn on Bluetooth. And select the corresponding device from the list and tap Connect.



(5) A "Connection Successful" prompt will appear.



Use Aliencell API Via control panel

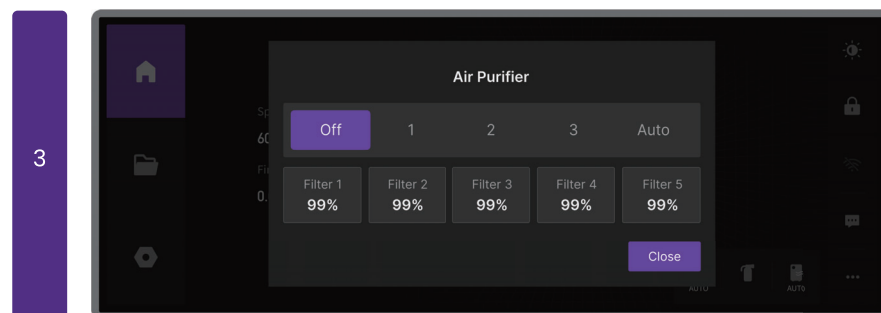
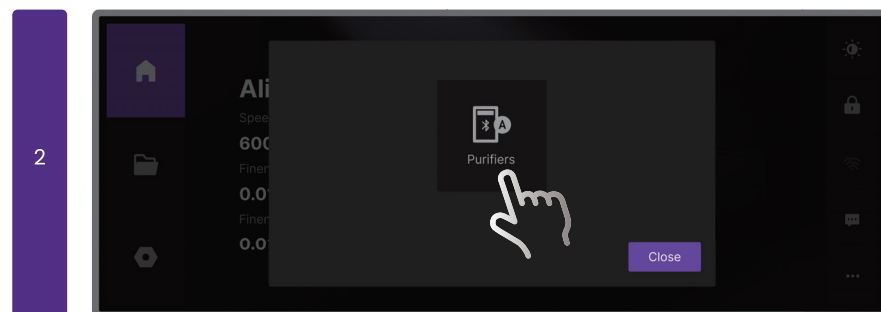


You can also press to switch between the four levels.

In Auto mode, the purifier adjusts the airflow level based on processing materials, magnitude of the working power and the assignment mode(Cutting or Engraving).

Use Aliencell API Via Aliencell X1

After a connection is established with the device, the X1 can be used to control the API. On the Aliencell X1, tap on: ...> Purifiers to access the purifier control interface.



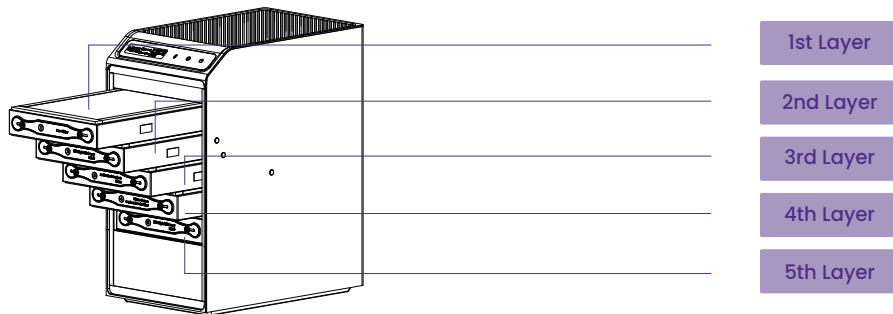
Maintenance

Replace the filters

When the filter life falls below the usable range, the device will prompt you to replace it. For replacement instructions, please refer to the "Installing the Filter" section.

Always power off the device before replacing the filter.

1. Filter replacement method



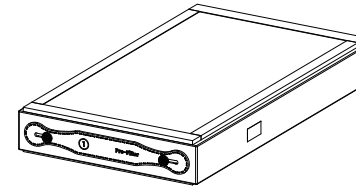
Extraction order



Installation order



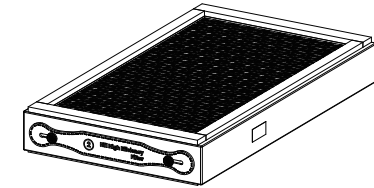
2. Function of each filter layer



1st Layer

Pre Filter

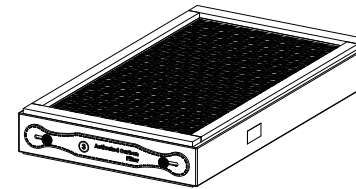
(Initial Efficiency for PM0.3
(Particulates)90%)



2nd Layer

H11 High Efficiency Filter

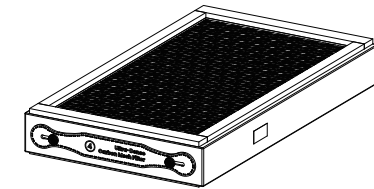
(Initial Efficiency for PM0.3 (Particulates)99.5%)



3rd Layer

Activated Carbon Filter

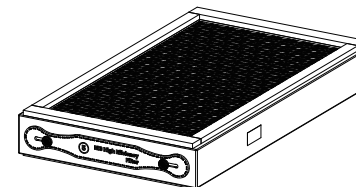
(1000 Iodine Value Raw Carbon (CTC 60%)
+ MOF-Modified Carbon)



4th Layer

Ultra-Dense Carbon Mesh Filter

(1000 Iodine Value Raw Carbon (CTC 60%)
+ MOF-Modified Carbon + Initial Efficiency for
PM0.3 (Particulates): 99.5%)



5th Layer

H13 High Efficiency Filter

(Initial Efficiency for PM0.3 (Particulates): 99.95%)

Certification statement

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

IC Caution

- English:

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

To maintain compliance with RSS-102 RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

- French:

Cet appareil est conforme aux normes RSS exemptées de licence d'innovation, sciences et développement économique Canada.

L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Pour être conforme aux lignes directrices d'exposition RF RSS-102, cet équipement doit être installé et exploité à une distance minimale de 20cm entre le radiateur et votre corps: n'utilisez que l'antenne fournie.

After-sales and warranty services

For technical support, contact us at support@aliencell.com

For more information about after-sales services, visit <https://wiki.aliencell.com>



Online Help center

Warranty scope	Warranty period	Instructions
Main parts	12 months	The main parts of the product except the non-warranty parts below.
Accessories	No Warranty (Free replacement if damaged upon receipt)	User manual, Filter, Smoke exhaust pipe, Pipe connector

For more information about after-sales services, visit shop.aliencell.com/pages/AfterSale-Policies



Warranty policies