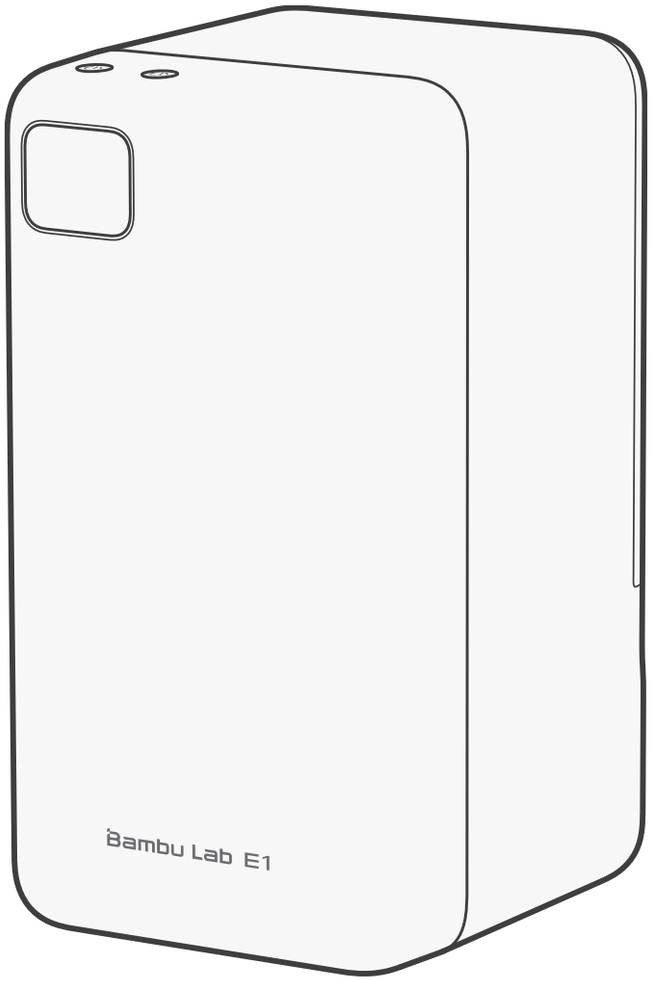
Bambu Lab E1 Air Purifier

Quick Start Guide

Please review the entire guide before using the product.

This product is intended for use only with Bambu Lab 3D printers. Do not use it for laser exhaust.



SP002

Video Guide
Watch a step-by-step video and get started quickly.
bambulab.com/e1-quick-start

Learn with Bambu Academy
Visit Bambu Academy and explore printer and software courses from beginner to advanced levels to enhance your 3D printing skills.
bambulab.com/academy

Get Online Manuals
Browse and download the latest product documentation in multiple languages.
bambulab.com/support/documentation

Explore More Cool Models
Visit MakerWorld, our models community, to find a variety of free models and bring your ideas to life using the creativity tools in MakerLab and accessories in Maker's Supply.
makerworld.com

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1. Read Before Use



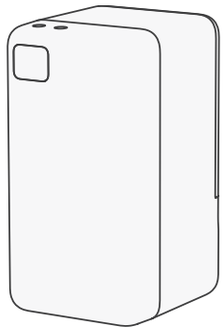
To ensure safety and optimal performance, please follow these guidelines:

- The purifier is not intended for use 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 concerning the use of the appliance by a person responsible for their safety.
- Children should be supervised during using the purifier to avoid accidents.
- Do not tilt the device, or place any items on the device.
- Leave 5 cm of clearance in front of the device and 20 cm behind it, and avoid excessive bending of the air duct.
- Do not put liquid, powders, flammable materials, or any foreign objects into the air intake.
- Disconnect the power cord before performing maintenance or moving the device.
- Make sure the air purifier is powered on and connected to the printer before starting a print job. If it is connected after printing has already begun, the optimal automatic fan speed mode may not be applied.
- When used simultaneously with household gas appliances (such as gas stoves or gas water heaters), ensure adequate ventilation to avoid carbon monoxide (CO) poisoning.
- If the device exhibits abnormal noise, odor, overheating, irregular fan rotation, or other abnormal conditions, immediately disconnect the power cord and stop using the device.
- Check the filter regularly for cleanliness. If the filter becomes severely clogged, disconnect the power immediately and stop using the device
- Please use official replacement filters for care and maintenance and servicing to ensure optimal filtration performance.

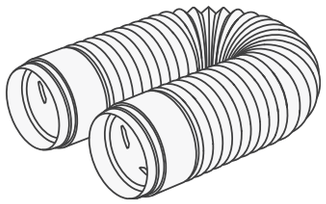
1. Read Before Use

- This product is intended for use only with Bambu Lab 3D printers to filter exhaust air generated during 3D printing. Do not use it for laser exhaust.
- The device cannot filter carbon monoxide (CO) or radon (Rn) and should not be used as safety device during combustion or hazardous chemical incidents.

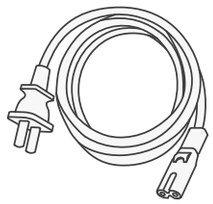
2. Included Accessories



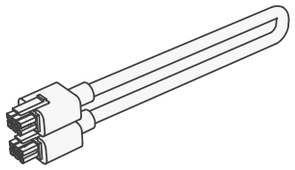
1) E1 Air Purifier



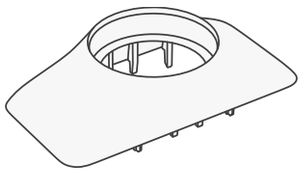
2) Exhaust Hose



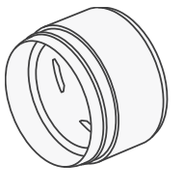
3) Power Cord



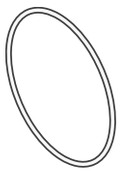
4) Bambu Bus Cable 6-pin



5) Exhaust Hose Adapter

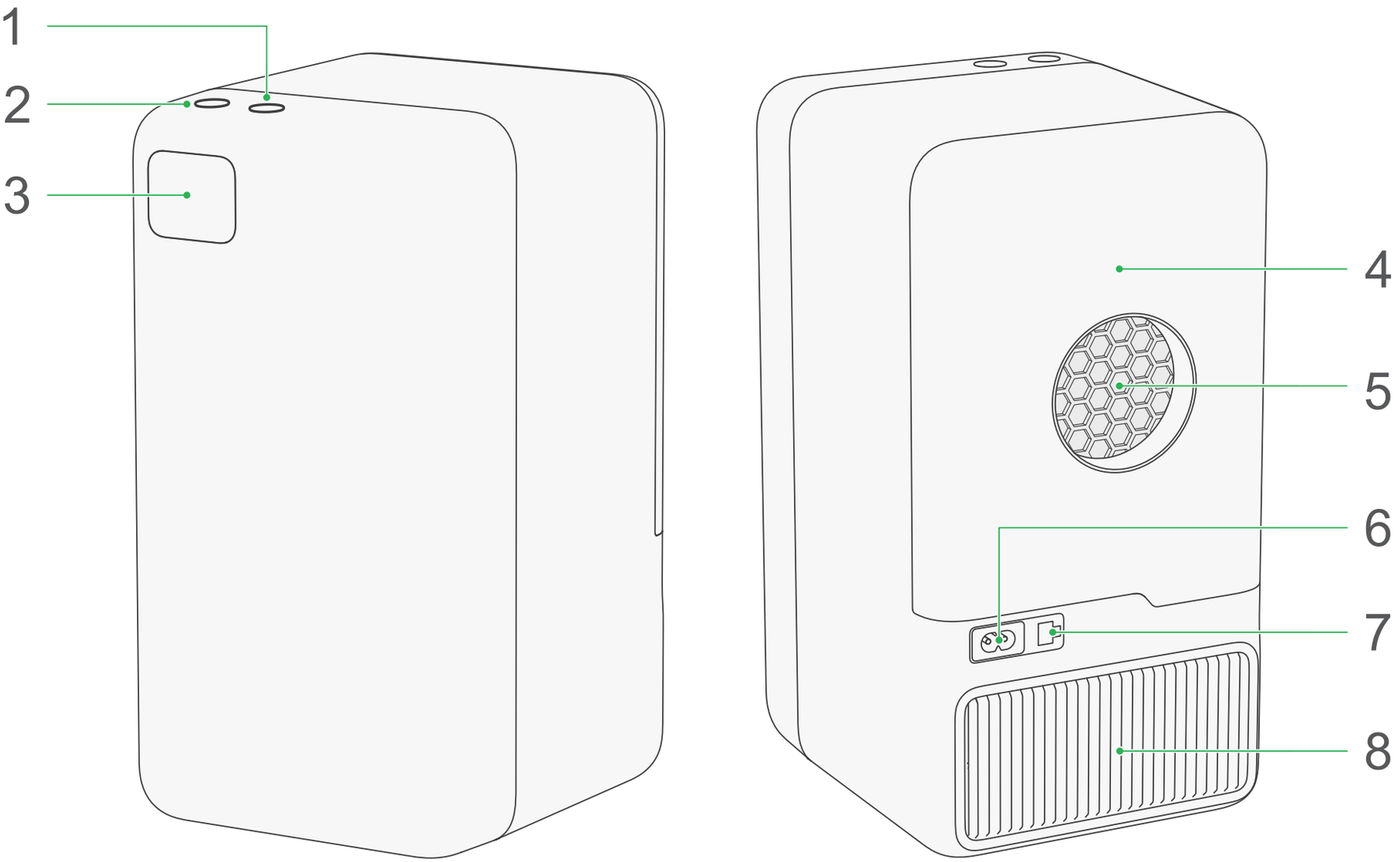


6) Exhaust Hose Connector



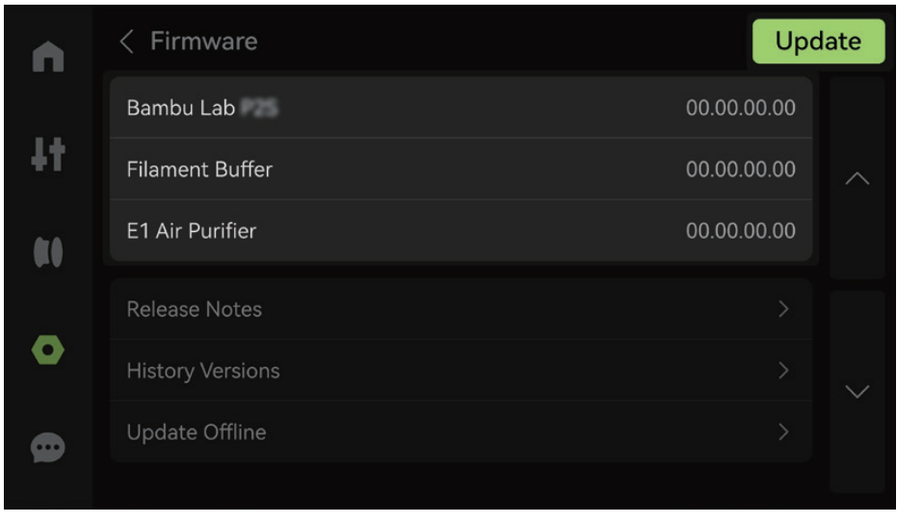
7) O-ring

3. Component Introduction

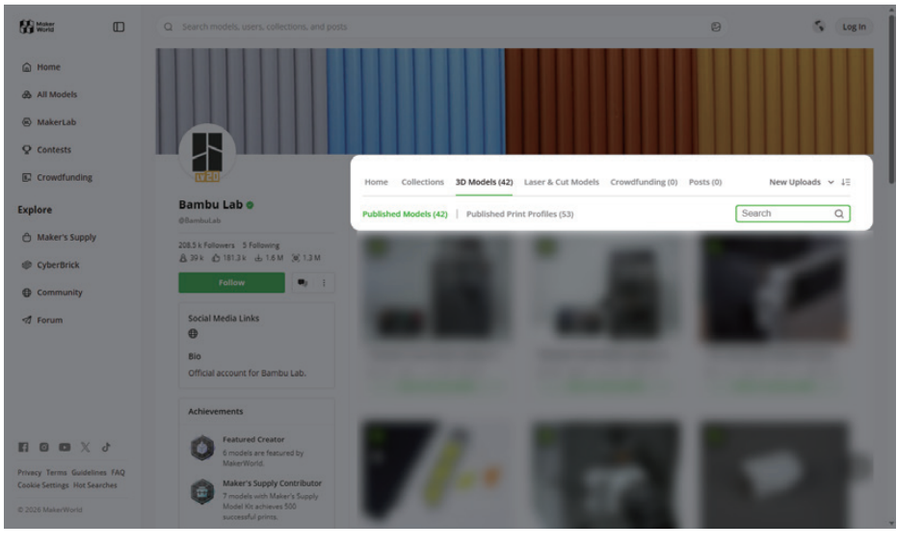


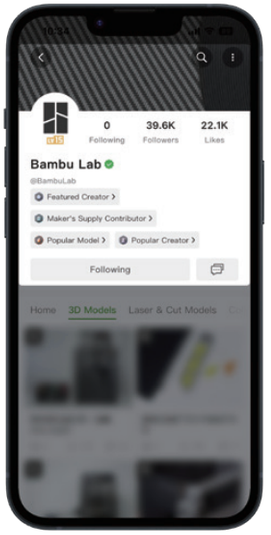
1) Fan Speed Button
2) Start/Stop Button
3) Screen
4) Back Cover
5) Air Inlet & Air Filter
6) Power Socket
7) Bambu Bus Port 6-pin
8) Air Outlet

4. Preparations



1) Upgrade your printer firmware to the latest version, and check for air purifier firmware updates after the setup is completed. Scan the QR code or visit the official Wiki (bambulab.com/e1-quick-start) to check product compatibility and firmware version requirements.





2) Go to MakerWorld (makerworld.com) or Bambu Handy, search for "Hose Adapter" under the official Bambu Lab account, print the compatible model and install it for use.

5. Installation and Use

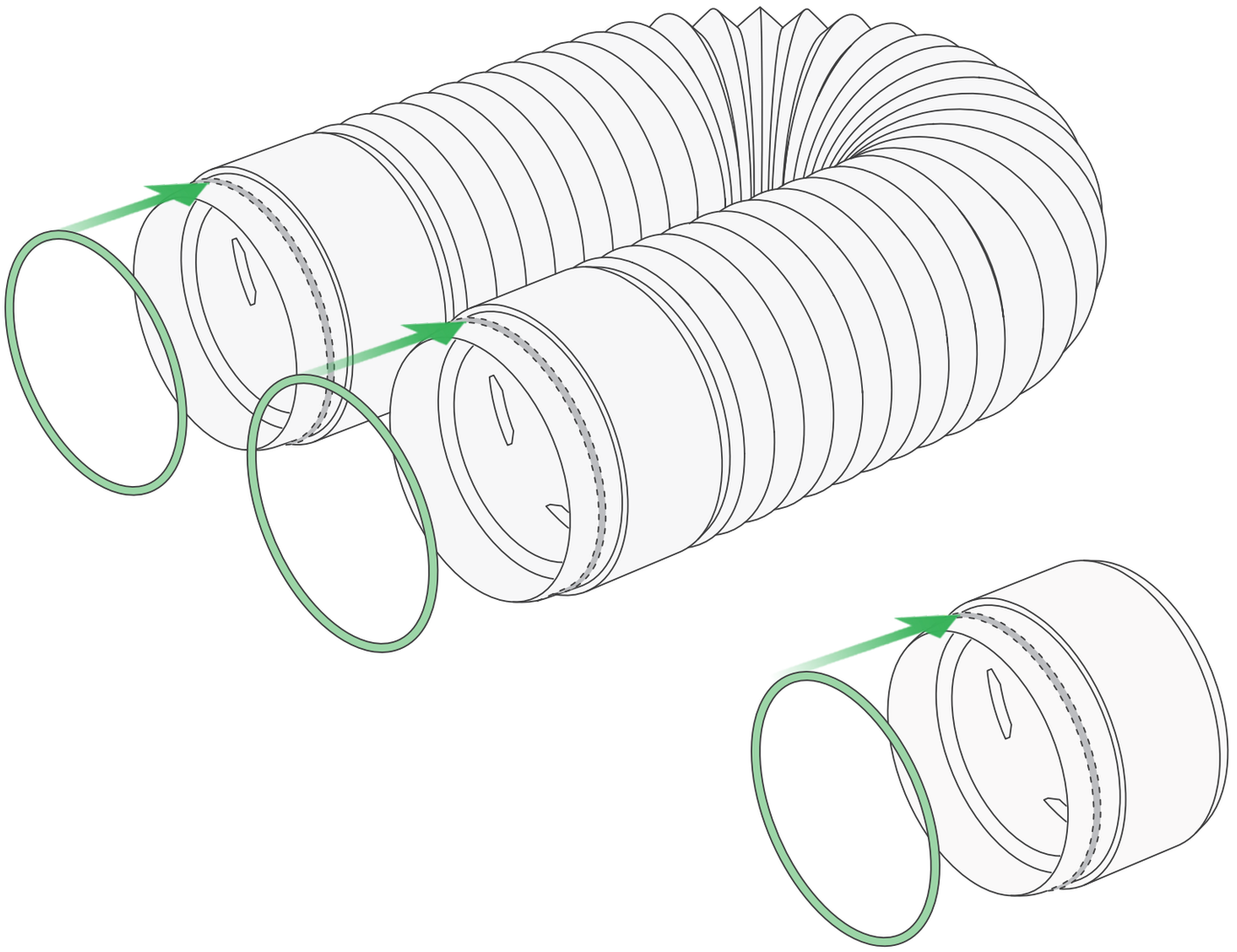


Figure 1

1) Fit the O-rings onto the ends of the hose connector and the exhaust hoses, and press them in place.

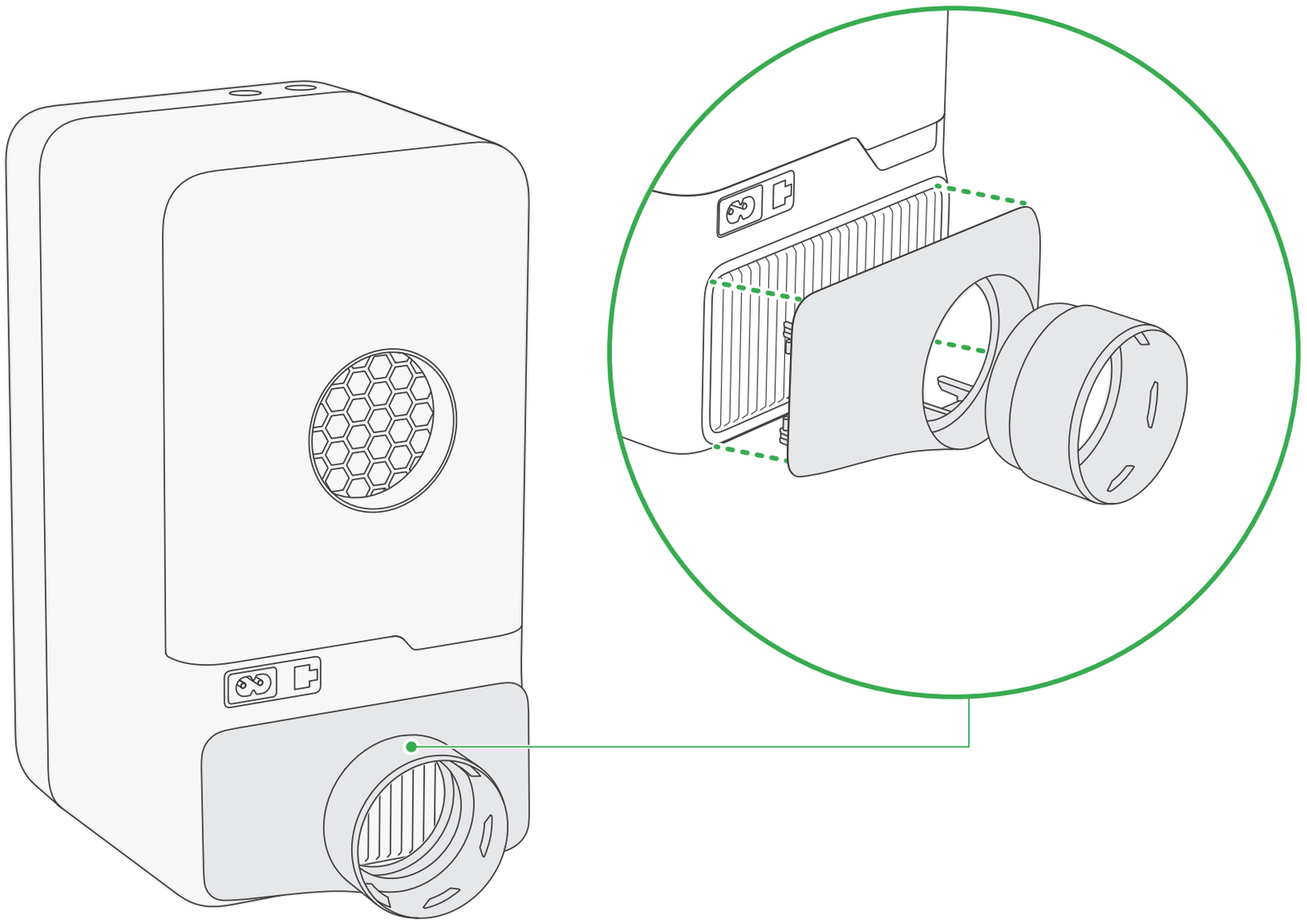


Figure 2

2) Snap the exhaust hose adapter into the air outlet of the air purifier, and insert the hose connector for better noise reduction.

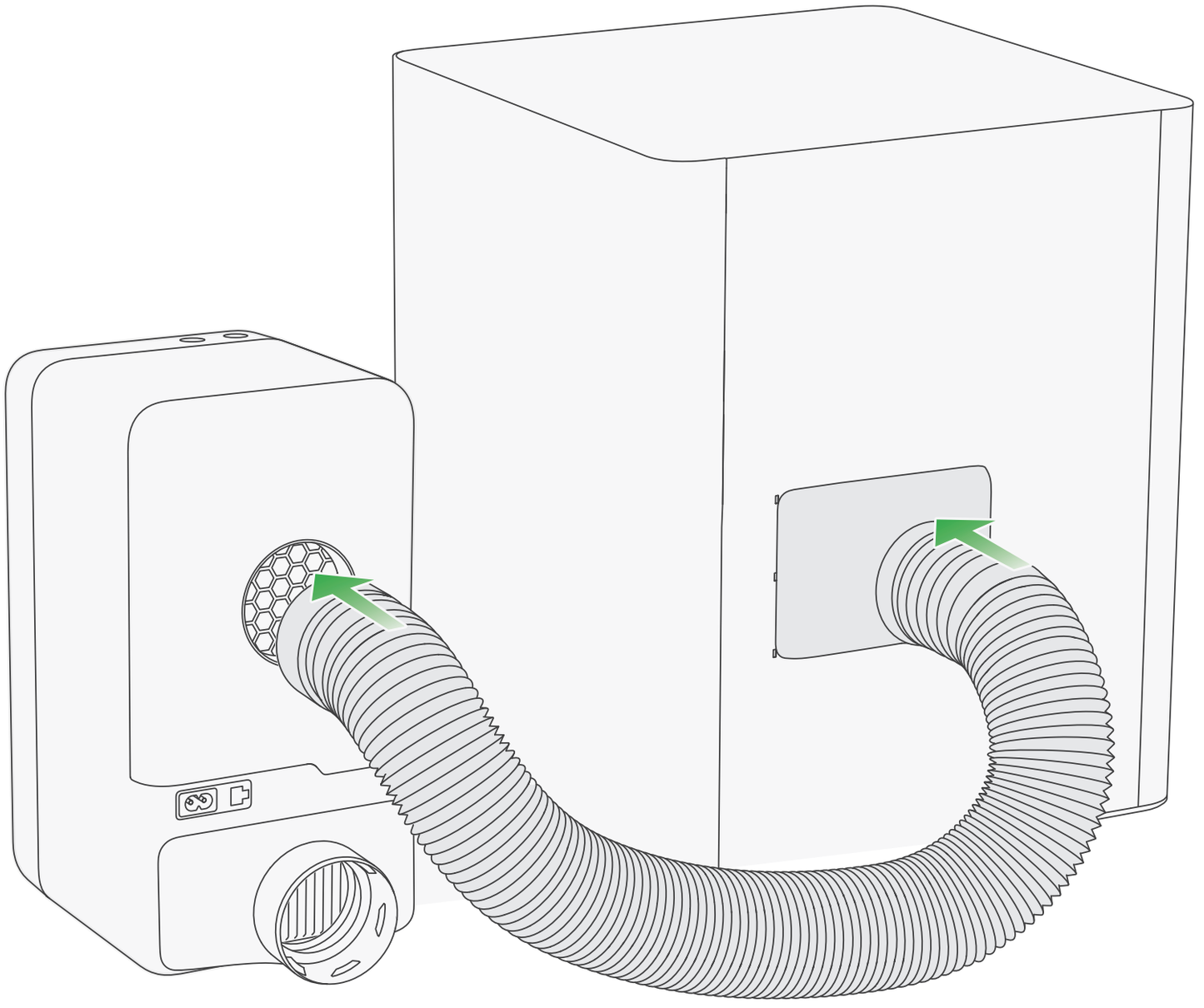


Figure 3

3) Insert both ends of the exhaust hose into the respective positions on the air purifier and printer, make sure they are fully inserted and secure.

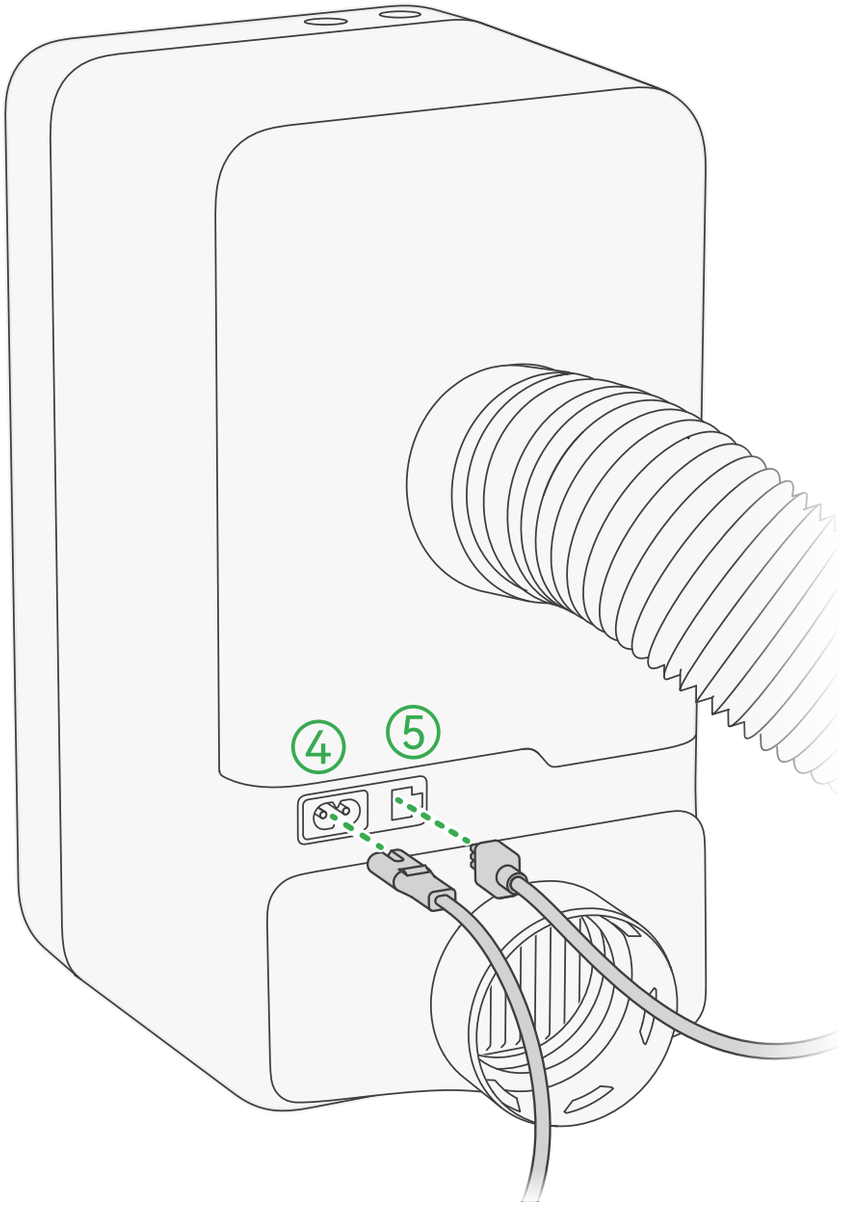


Figure 4

4) Connect the air purifier to a wall outlet using the power cord.
5) Plug the Bambu Bus cable 6-pin into the Bambu Bus port 6-pin on the back of the air purifier and the printer.

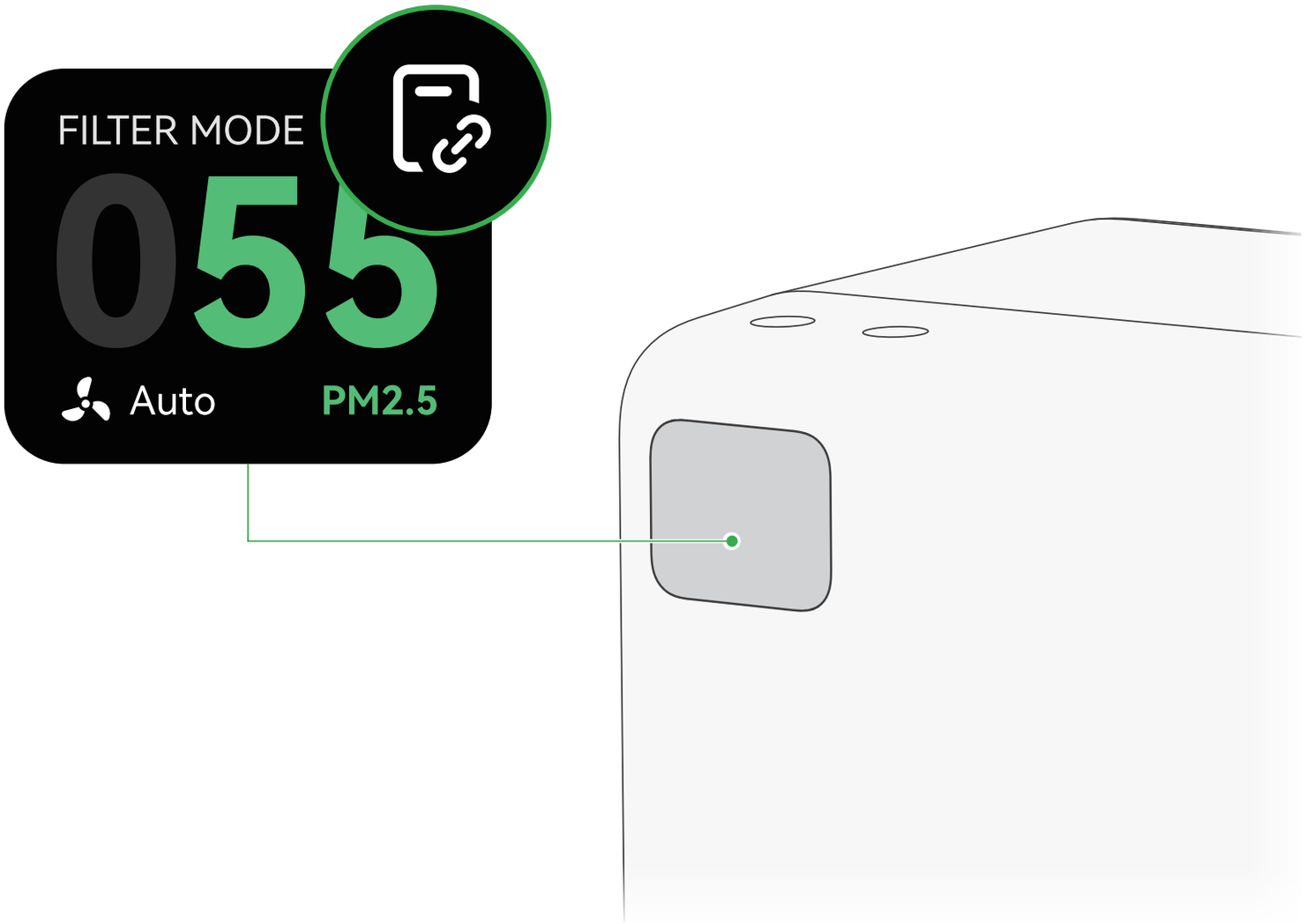


Figure 5

6) Wait for the icon to appear on the screen, indicating a successful connection.
For detailed instructions, visit the official Wiki (bambulab.com/e1-quick-start) for a detailed user guide.

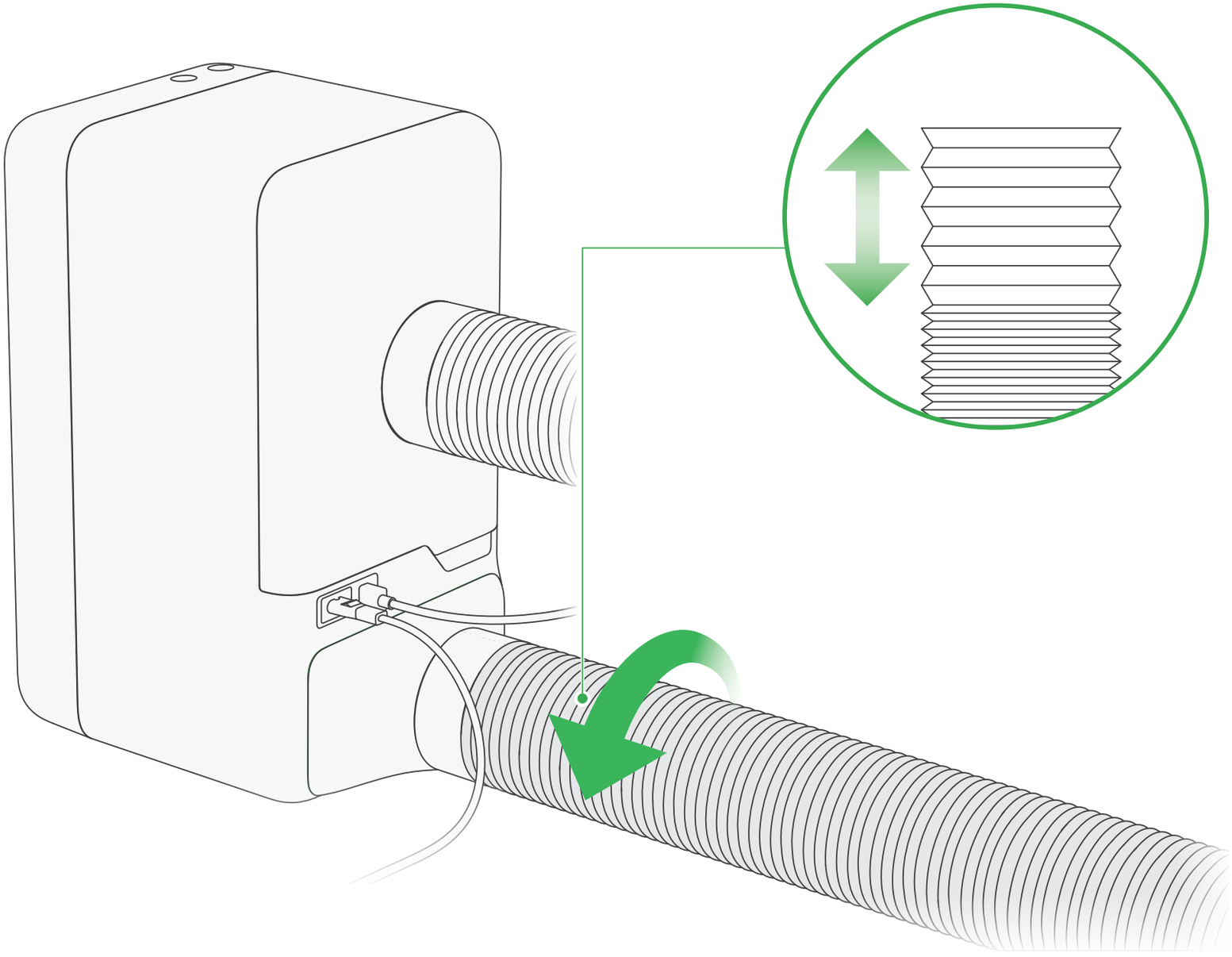


Figure 6

You can purchase an additional exhaust hose if you want to vent the filtered air outdoors.

7) Extend one end of the exhaust hose, screw it counterclockwise into the hose connector at the air outlet, and vent the other end outdoors.

6. Button Function

Please see the table below for how to operate the purifier with the start/stop button and fan speed button.

Operation	Air quality	Filter status	Error message
Press the start/ stop button	Turn off or on the screen.		
Press and hold the start/stop button	Put the purifier to sleep or wake it up.		
Press the fan speed button	Switch fan speed.	Go to the filter set-tings page; select the next item.	View next message.
Press and hold the fan speed button	Go to the filter status page.	View error messages (if any); reset filter life; confirm current selection.	Go back to air quality page.

7. Regular Maintenance

Regular maintenance is essential to ensure stable operation and high-quality prints.

Air Filter:

- For frequent use, it is recommended to replace the filter once a month. For less frequent use, the replacement interval may be extended, but should not exceed 3 months.
- If the airflow drops significantly or an odor is noticeable at the air outlet, the air filter may be exhausted and should be replaced immediately.

Exhaust Hose:

- Check once a week to ensure the connection is secure, free of foreign objects inside, and shows no signs of damage or deformation

Air Inlet and Outlet Cleaning:

- Clean the air inlet and outlet once a month to prevent dust buildup from affecting airflow.

bambulab.com/e1-quick-start

Please refer to the official Wiki for more information.

8. Specifications

General Information	
Physical Dimensions	261×182×345.5 mm
Package Dimensions	277×250×490 mm
Exhaust Hose Length	250 – 1000 mm
Net Weight	Approx. 3.1 kg
Material	Body: ABS; Exhaust Hose: PP
Input Voltage	100 – 240 VAC, 50/60 Hz
Max Power	36 W
Connection	Bambu Bus cable 6-pin
Operating Parameters	
Air Filter Type	3-Stage Composite Filter (Pre-Filter + High Efficiency Layer + High-Iodine Activated Carbon)
Supported Filaments	Recommended: PLA, PETG, TPU, etc. Manageable*: ABS, ASA, PC, PA, and Other Engineering Filaments
Real-time PM Monitoring	Supported
Control Method	Deep Integration with Bambu Lab 3D Printers; Manual Control Supported
Noise Level	As Low as 38 dB (Silent Mode)

- You can also purchase a dedicated filter separately to achieve better purification results when printing engineering filaments. The release date of the dedicated filter varies by country or region — please check the official website for availability in your area.

9. Technical Support

If you need technical support, please follow any of the following methods:

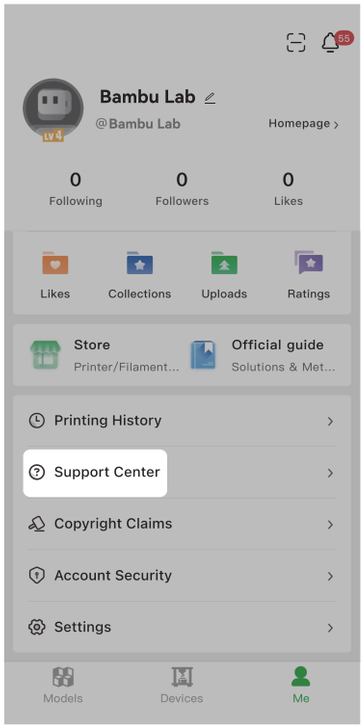
Method 1: Visit the Bambu Lab Wiki for tutorials and maintenance guidance.
wiki.bambulab.com

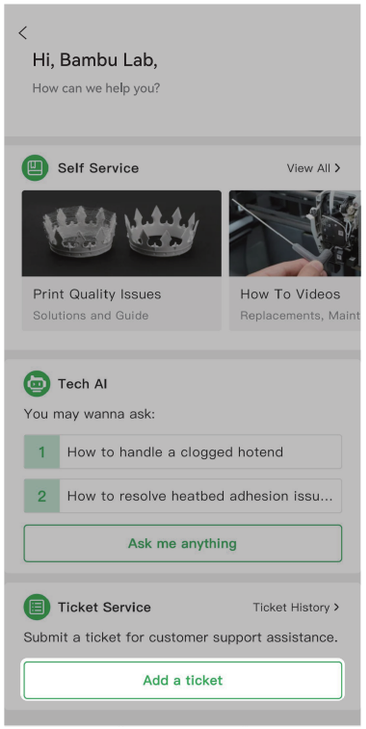
Bambu Lab Wiki

Method 2: Get in touch through one of the options listed in the Contact Us section of our Support Center.
bambulab.com/support

Bambu Lab Support Center

Method 3: Create a support ticket on Bambu Handy, from the Support Center section.







Bambu Lab

www.bambulab.com