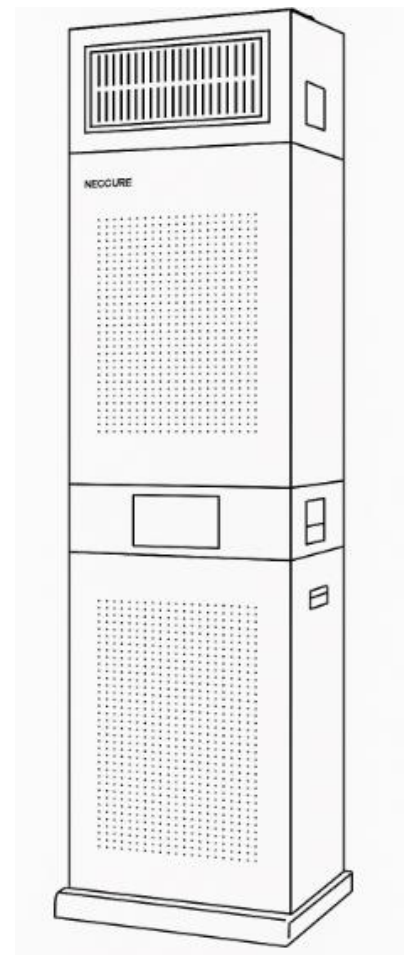




User Manual

NEOAS-IOT50SH

Disinfecting Air Purifier



Please read this manual carefully before using the product.

Be sure to review the "Safety Instructions" section before operation.

If you experience any issues or have questions while using the product, please contact our customer service center for assistance.

Model: **NEOAS-IOT50SH**

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Safety Instructions

This section provides important guidelines to ensure user safety and prevent property damage. Please read carefully and use the product as instructed.

Warning

Failure to follow these instructions may result in serious injury or death.

Electrical Safety

- This product is equipped with a Switching Mode Power Supply (SMPS) that supports a wide input voltage range of 100–240V AC, enabling safe operation on 220–240V AC, 50/60 Hz power sources.
- Do not touch the power plug with wet hands.
- If you detect smoke or a burning smell, immediately unplug the power cord and discontinue use to prevent fire or electric shock.
- Do not insert sharp or thin objects into the air intake grille, as this may cause electric shock or product malfunction due to high-voltage components. Keep out of reach of children.
- Always turn off the power when the product is not in use.
- If the power cord is damaged, it must be replaced by a qualified technician or serviced at an authorized center. Do not attempt unauthorized repairs or modifications.
- Avoid prolonged operation to prevent motor overheating and ensure product longevity.
- Before cleaning, performing maintenance, or replacing filters, turn off and unplug the power cord.
- Frequent plugging and unplugging of the power cord may increase the risk of electric shock or fire. Handle with care.

Caution

Failure to follow these instructions may result in minor injury or property damage.

Installation Precautions

- Do not install the product near heat sources, open flames, candles, or cigarettes to reduce the risk of fire.
- Follow the designated installation method and place the product in a suitable location to ensure safe operation and minimize potential hazards.
- Before first use, remove the protective plastic wrapping from the filter to prevent malfunction.

Tips for Optimal Performance

- For faster air purification, activate the manual mode and set the fan speed to Turbo.
- Regular cleaning and filter maintenance are essential for optimal performance. Replace filters as needed.
- The filter replacement cycle varies based on usage conditions. Refer to the filter status indicator for replacement guidance.

Troubleshooting Before Requesting Service

If no air is coming out:

Ensure the power cord is plugged in, the unit is turned on, and the filter's protective wrapping has been removed.

If the airflow is weak:

Check if the filter needs cleaning or replacement.

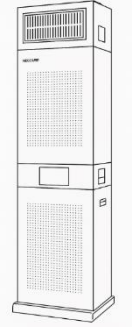
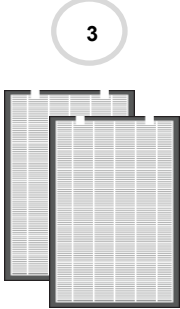
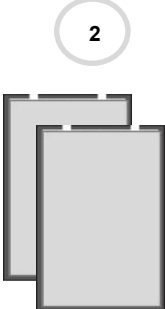
General Precautions

Do not attempt to repair or modify the product yourself.

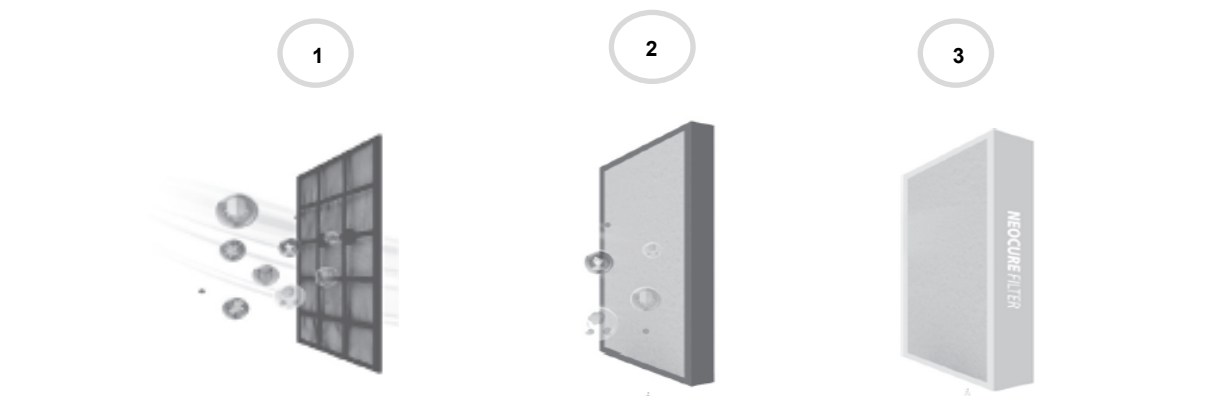
Use only certified genuine parts to prevent malfunctions.

This product is designed exclusively for indoor air purification—do not use it for any other purpose.

Product Overview

				
Main Unit	All-In-One-Filter	Dust Filter	Washable Filter	User Manual

Filter Components



1- Washable Filter

Captures large particles such as hair and lint for easy maintenance and extended filter life.

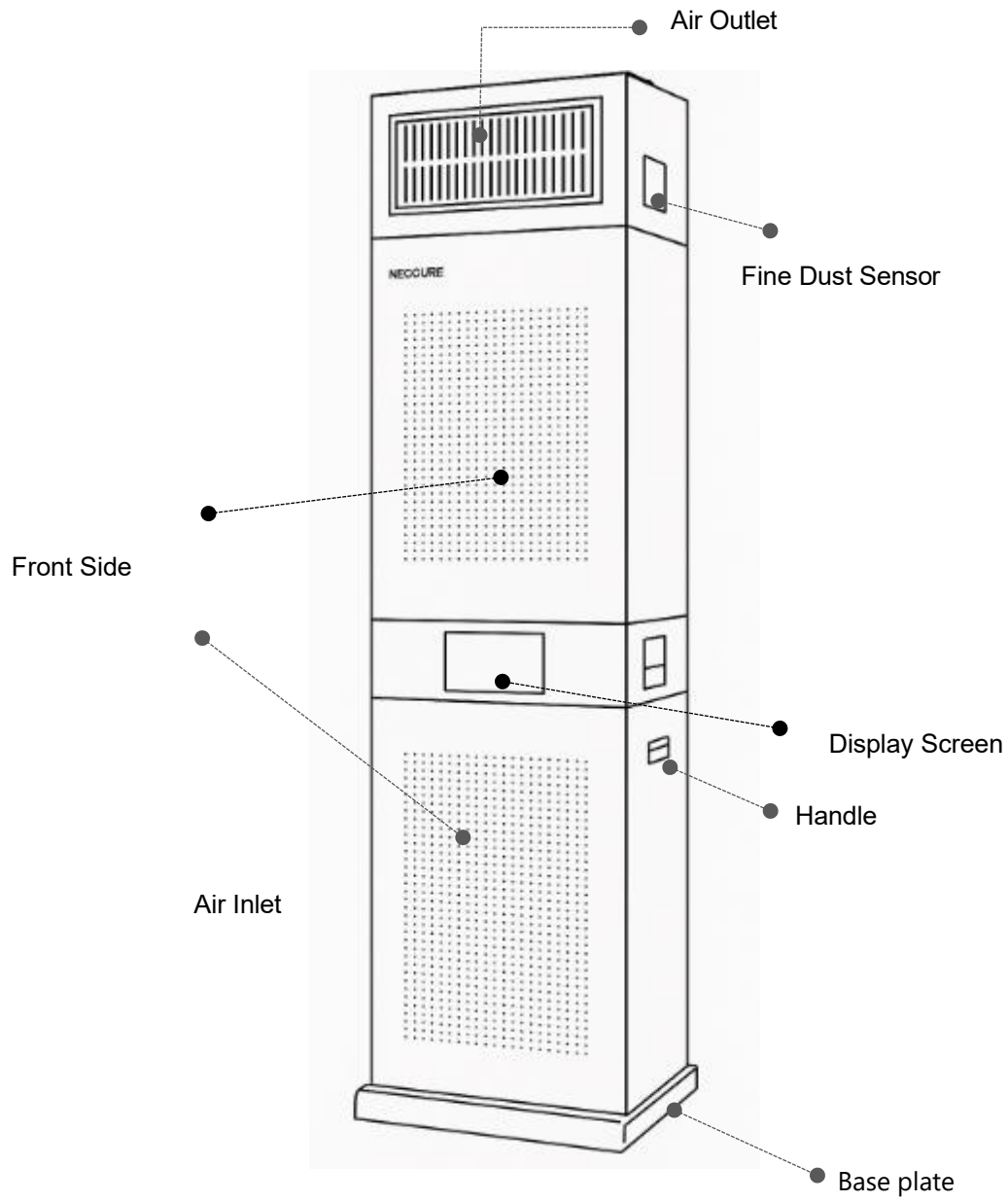
2- Dust Filter

Medium-sized dust removal, extending the lifespan of the HEPA filter.

3- All-in-One Filter

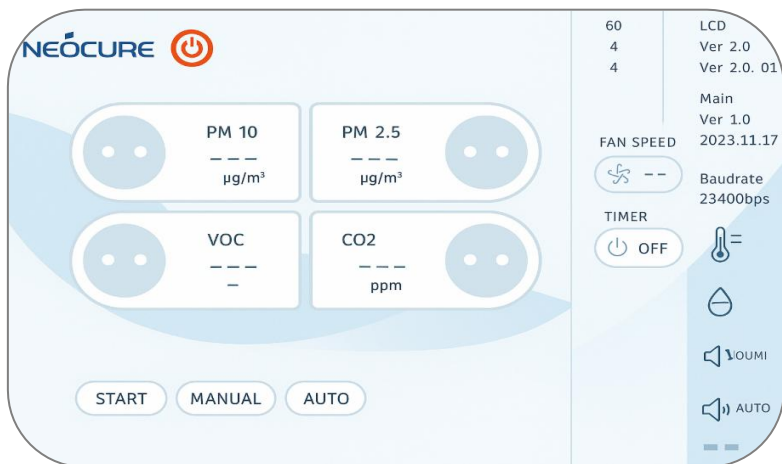
An integrated filter combining HEPA, deodorization, and disinfection technologies to effectively remove fine dust, harmful gases, TVOCs, and airborne bacteria & viruses.

Parts Identification:



Operating Instructions

STAND BY

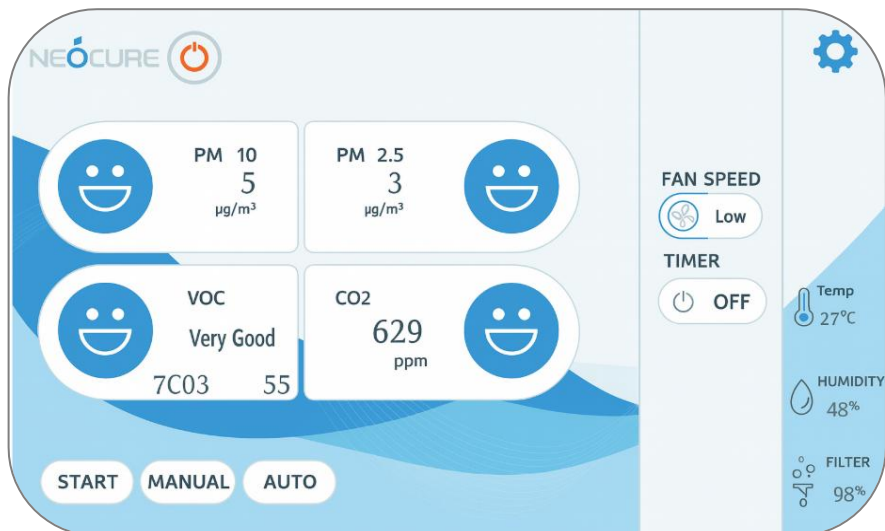


Connect the power to enter standby mode. The power icon will light up.

Turning On the Device and Activating the Display

1. Powering On the Device

- Connect the power cord and press the power icon to turn on the device.
- The display will light up, showing air quality, temperature/humidity, and filter status.
- The device will then enter standby mode, allowing access to all functions.



2. Selecting and Using Operating Modes

- On the home screen, press the **START** button to begin manual operation.
- Tap the **Fan Speed** icon to adjust the airflow level.
- To switch to automatic mode, tap the **MANUAL** icon on the home screen — it will change to **AUTO** mode.





- By tapping **PM10**, **PM2.5**, **VOC**, or **CO₂**, you can check detailed air quality information at the installation site (e.g., fine dust levels and harmful gases). Press **Exit** to return to the main screen.
- In **AUTO** mode, the device automatically adjusts the fan speed based on the detected air quality.

Air Quality Display on Main Screen



When the device begins operation, the operation status screen sequentially displays air quality information with a close-up animation effect. Each item is displayed as follows:

- **PM10, PM2.5, and CO₂**: Shown as real-time measured values.
- **VOC (Volatile Organic Compounds)**: Displayed in five levels according to pollution severity: **Very Good / Good / Normal / Bad / Very Bad**

Filter Replacement Alert and How to Reset

The filter status icon indicates the current level of filter contamination.

The device categorizes the filter condition into four levels based on accumulated usage time:

- **Good**: 0–50%
- **Moderate**: 50–75%
- **Poor**: 75–100%
- **Very Poor**: Over 100%

After replacing the filter, press and hold the filter status icon for more than 5 seconds to reset the indicator.



Entering Sleep Mode

2020-01-01 02:50:23

Set Current Time

2020Year 1Month 1Day 2Time 20Minute 13Sec **SAVE**

Set Reservation Time

ON 9 : 0 - **Off** 18 : 0 **SAVE**

EXIT

2020-01-01 02:50:30

Set Current Time

2020Year 1Month 1Day 2Time 20Minute 13Sec **SAVE**

Set Reservation Time

ON 9 : 0 - **Off** 18 : 0 **SAVE**

EXIT

Touch the **Timer** icon to open the timer setting screen.
The timer function can be used while the device is operating in **Auto** mode.

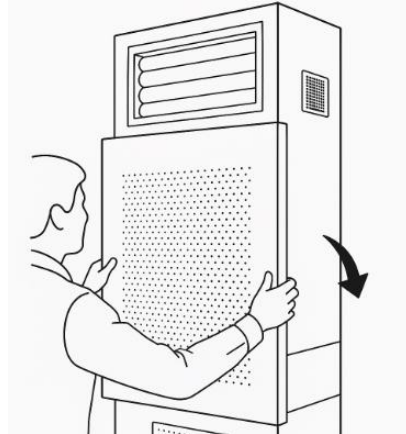
- Set the current time and press **Save** to confirm.
- Set the desired timer duration and press **Save** again to confirm.
- Tap the red **X** icon; it will turn green to indicate the timer is activated.
- Press **Exit** to return to the main screen.



Filter Replacement Guide

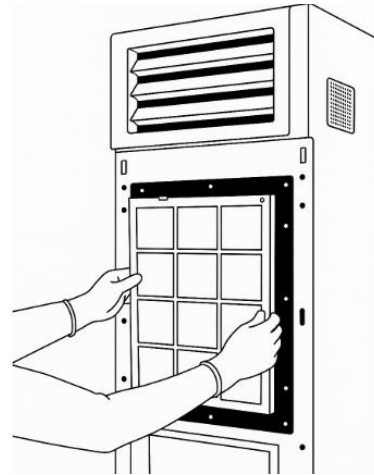
1

Be sure to turn off the power (unplug the device) before replacing the filter.
Then, gently pull the front cover forward to open it.



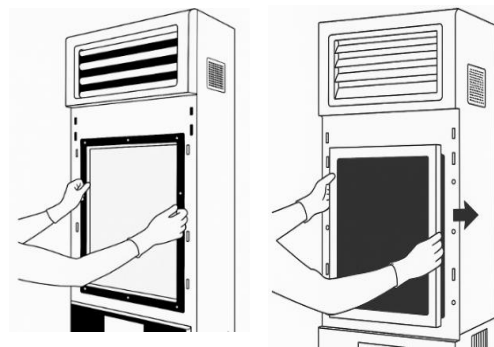
2

Pull the washable filter forward to remove it from the unit.
Then, pull out the dust filter and the all-in-one filter, one by one, to remove them from the unit.



3

To replace the filter, first remove the dust filter and then the all-in-one filter in sequence.
Next, install the new filters in the reverse order of their removal.
After inserting, press the center of each filter to ensure you have securely fixed it in place.



General Care

How to Clean the Washable Filter:

If dust or grease has built up, remove the filter from the unit and follow the steps below:

- Dissolve dishwashing detergent in lukewarm water and soak the filter for at least 30 minutes.
- Gently wipe off any dirt with a soft cloth.
- Rinse thoroughly with clean water several times.
- Allow the filter to dry completely in the shade before reinstalling.

Regular cleaning helps preserve the filter's efficiency and ensures optimal overall performance.



How to Clean the Exterior

- Use a soft cloth dampened with lukewarm water, wring it out well, and wipe the air purifier.
- Especially clean around the air intake area regularly.
- The optimal recommended lifespan for the dust filter and all-in-one filter is 12 months, but the replacement cycle may vary depending on the usage environment.

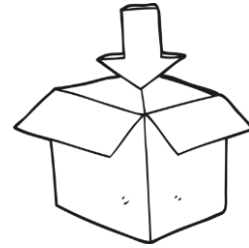
※ Caution

- Do not clean the area around the operating buttons with alkaline detergents.
- Avoid using sulfuric acid, hydrochloric acid, or organic solvents (such as thinner, kerosene, or acetone) to wipe the surface of the air purifier.
- Always use a soft cloth for cleaning.

General Maintenance Guidelines

Storage Method

If you will not be using the product for an extended period, store it in the original packaging to prevent dust and foreign objects from entering. Keep the packaging in a dry, shaded area.



Caution

To ensure the product's purification effectiveness, carefully review the filter replacement guide.

Before cleaning the product, unplug the power cord and turn off the power.

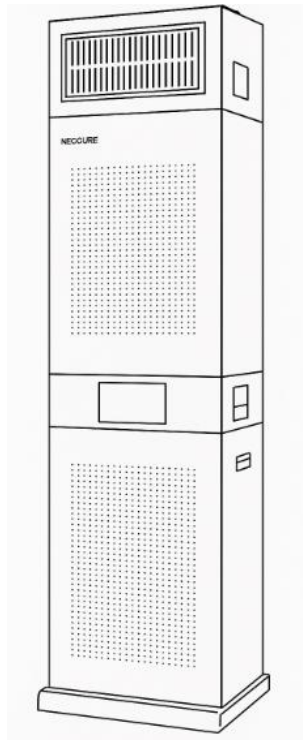
Troubleshooting

The issue may not necessarily indicate a product malfunction. Please review the following information carefully and check whether the problem can be resolved before requesting service.

If the issue persists after performing a self-check, disconnect the power and contact customer service.

Note: If a technician visit is requested, a service fee may apply even if no product malfunction is found. For further assistance, please contact our customer service center.

Issue	Check	Action
Not running	Is there a power outage?	Try operating again after the power is restored.
	Is the power plug disconnected?	Reconnect the power plug and try operating again.
Low airflow with noise	Is the washable filter clogged?	Clean the filter under running water and let it dry naturally before using it again.
	Is there dust accumulated on the filter?	Replace the filter with a new one.
	Has the filter packaging been removed?	Remove the filter packaging.
Strange smell	Is the filter causing an unusual smell?	Purchase a new filter & replace it.
	Is the washable filter dirty?	Clean the filter under running water and let it dry naturally before using it again.
Strange noise	Did you move the device while it was operating?	Before moving the device, turn off the power and place it on a flat surface.
	Is there any foreign object inside the product?	Contact the service center.
	Is there unusual noise (contact/friction/jamming)?	Contact the service center.
Airflow fluctuates	Is it set to auto mode?	Set it to manual mode.
	Is it set to manual mode?	Contact the service center.



Model	NEOAS-IOT50SH
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Dimensions (W x D x H)	490 x 483 x 1900 mm
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Rated Power	AC 220-240V AC, 50/60Hz, 375W
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Weight (Kg)	70
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Coverage Area (m ²)	165
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Filter Specifications	Washable Filter + Dust Filter + All-in-One Filter
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Removable Substances	Fine dust, bacteria, viruses, VOCs, CO ₂ , NO _x , and SO _x
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Warranty

NeoSTG Co., Ltd. provides warranty services in compliance with the Fair-Trade Commission's consumer dispute resolution standards. Warranty claims are addressed within 7 days of the request, and compensation is processed within 14 days of notification.

Product		Purchase Date	
Warranty Period: 1 year for the product, 5 years for parts.			

If the purchase date is not available, the warranty will commence three months after the manufacturing date.

Complimentary Service

Consumer Damage Type	Within the warranty period	After the warranty period
If a major repair is needed within 10 days of purchase,	Product exchange or refund	Not applicable
If a major repair is needed within 1 month of purchase,	Product exchange or free repair	Not applicable
If damage incurred during the transportation or installation of the product,	Product exchange	Not applicable
If a major repair is needed within one month of receiving a replacement product,	Refund	Not applicable
If a replacement is not feasible,	Refund	Not applicable
If the same defect necessitates two repairs,	Free repair	Paid repair
If the same defect necessitates three repairs,	Product exchange or refund	Paid repair
If the product has five different defects	Product exchange or refund	Paid repair
If the business misplaces a product sent for repair by the consumer,	Product exchange or refund	Refund plus an additional 10% of the depreciation amount.
If repair parts are unavailable within the designated retention period,	Product exchange or refund	Not applicable
If repair parts are available, but the repair cannot be performed,	Product exchange or refund	Paid repair

Paid Service Notice

Please be aware that the following cases are not eligible for free service, regardless of the usage period:

1. Issues Unrelated to Product Malfunction:

- Simple adjustments or guidance that do not require disassembly.
- Problems caused by external environmental factors.
- Installation modifications due to product relocation or moving.
- Dust accumulation, filter cleaning, or removal of foreign objects.

2. Issues Caused by Consumer Misuse:

- Malfunctions resulting from improper handling or unauthorized repairs.
- Issues caused by incorrect electrical usage.
- Damage or malfunctions due to external impact or dropping.
- Malfunctions caused by using unauthorized consumables or accessories.
- Issues arising from repairs performed by non-authorized service personnel.

