



waykar

# USER MANUAL

Air Scrubber

**JGW55A >**

Please read the manual carefully before operating the device and keep it for future reference.

# Message from WAYKAR

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Thank you for choosing Waykar. Established in 2014 with a commitment to protecting indoor climates, Waykar has grown into a leading brand in the HVAC industry, known for premium products that prioritize comfort and health in your indoor space.

Before you start exploring this product, read this manual carefully for necessary instructions first. It's advised to keep it for future reference.

## 24/7 Full-Time Response

Upon receipt of the air scrubber, kindly inspect the package contents immediately for any potential missing or damaged parts. In case of issues, we would appreciate your prompt contact with Waykar support for solutions before initiating a return. Send us an email or scan the QR code to start a live chat.

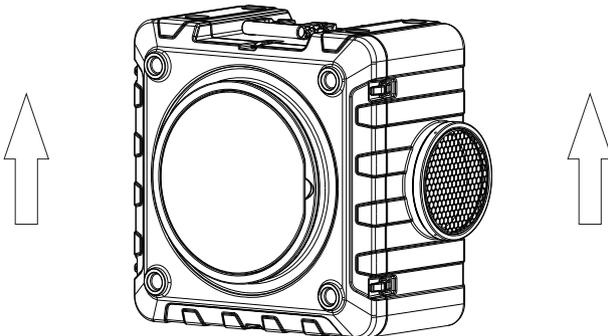
[support@waykar.com](mailto:support@waykar.com)



## About This Product

The industrial-grade air scrubber with 3-stage filters effectively removes dust, mold spores, fumes, and harmful particles.

1. **Pre-Filter:** Captures large particles such as dust and debris.
2. **Activated Carbon Filter:** Removes odors and chemical fumes for improved air quality.
3. **HEPA Filter:** Traps fine particles as small as 0.3 microns, including allergens and mold spores.



**Warning:** Do NOT plug in the air scrubber until the packaging bags have been removed from the filters inside the unit.

## Table of Contents

SAFETY PRECAUTIONS.....	01
PARTS ILLUSTRATION.....	03
FUNCTION OVERVIEW.....	05
OPERATION INSTRUCTIONS.....	07
MAINTENANCE & FILTER CHANGING .....	09
TROUBLESHOOTING.....	10
SPECIFICATIONS.....	11
WARRANTY & CONTACT.....	12

# SAFETY PRECAUTIONS

Unpack and Setup	Electrical Safety	User Safety	Device Operation	Maintenance & Cleaning
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This air scrubber is intended for indoor use only. Do not operate it outdoors or in environments exposed to extreme conditions.

After unpacking, carefully inspect the unit and all accessories for any visible damage. If damage is found, do not use the unit and contact customer support immediately.

The filters are shipped with protective packaging materials inside the unit. Before using the air scrubber, ensure all packaging materials are removed from the filters. Operating the unit without removing these materials can cause damage, reduce filtration efficiency, or lead to malfunction.

Place the air scrubber upright on a stable, level surface with the lift handle at the top. Ensure there is at least 20 inches of clearance around the unit for proper air circulation and keep it away from any heat sources.

Before plugging in the air scrubber, make sure to remove the protective cover from the air inlet to allow unobstructed airflow.

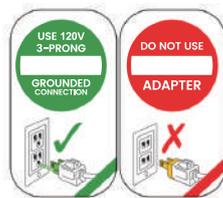
Unpack and Setup	Electrical Safety	User Safety	Device Operation	Maintenance & Cleaning
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Plug the unit into a standard 120-volt outlet. Ensure the outlet can provide at least 3 amps per unit to operate correctly.

To reduce the risk of electric shock, connect the unit only to an outlet equipped with a Ground Fault Circuit Interrupter (GFCI) and a GFCI circuit breaker.

The unit must be electrically grounded. Always plug the 3-prong power cord directly into a GFCI-equipped outlet. Do not use an adapter or extension cord with this unit.

This unit is not suitable for use with solid-state speed controls. Using such controls can result in damage or unsafe operation.



Unpack and Setup	Electrical Safety	User Safety	Device Operation	Maintenance & Cleaning
------------------	-------------------	-------------	------------------	------------------------

Do not operate near flammable or explosive items to avoid the risk of fire or explosion.

Do not use the unit in standing water. If any electrical parts become wet, ensure they are completely dried before operating the unit.

To reduce the risk of electric shock, keep the unit away from water or rain. The air scrubber is not waterproof.

# SAFETY PRECAUTIONS

Exercise caution when stacking units for storage. Do not stack more than two units on top of each other, as falling equipment could cause serious injury.

Children aged 8 and above, as well as individuals with reduced physical, sensory, or mental capabilities, should only operate the unit under supervision. Children under 8 years old should not handle or tamper with the unit.

## Unpack and Setup

## Electrical Safety

## User Safety

## Device Operation

## Maintenance & Cleaning

Ensure the intake and outlet are clear of materials or obstructions, as restrictions can cause overheating and pose fire or impact hazards.

Check the pre-filter before use to ensure it is not clogged. Replace the filter if there are signs of restricted airflow.

Inspect the power cord for damage, such as fraying or cuts, before operating the unit. If the cord is damaged, contact the manufacturer or a certified technician for replacement to avoid safety risks.

When using the air scrubber in a containment area, ensure open combustion appliances such as fireplaces, furnaces, water heaters, and HVAC systems are turned off or isolated to prevent carbon monoxide fumes from being drawn into the area.

## Unpack and Setup

## Electrical Safety

## User Safety

## Device Operation

## Maintenance & Cleaning

Always unplug the unit before cleaning or replacing filters to ensure safety.

Do not attempt to dismantle or modify the unit beyond routine maintenance, such as replacing filters. Unauthorized modifications can create hazards and void the warranty.

Use only original parts and components authorized by the manufacturer. Avoid replacing or modifying parts with third-party components.

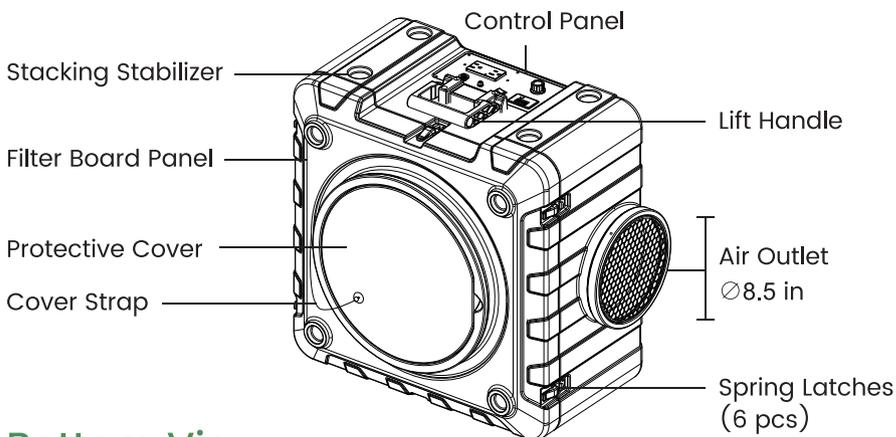
To prevent electric shock, do not clean electrical components with a water hose or pressure washer.

When using the air scrubber for specialized cleaning tasks, such as mold or smoke removal, replace all filters simultaneously and clean the unit thoroughly between jobs to prevent cross-contamination.

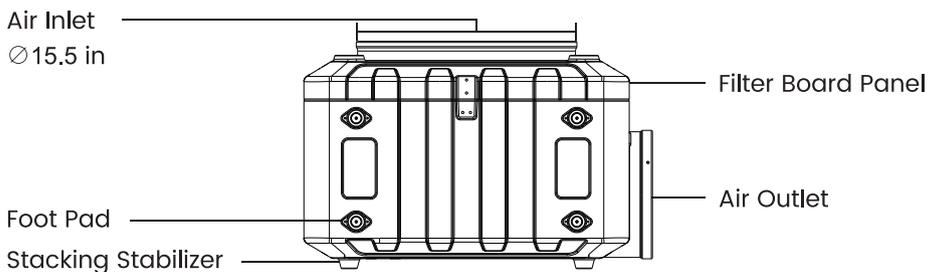
**To ensure the safe operation of this air scrubber, carefully follow the instructions provided in this manual. Failure to comply may result in personal injury, damage to the unit, or property damage.**

# PARTS ILLUSTRATION

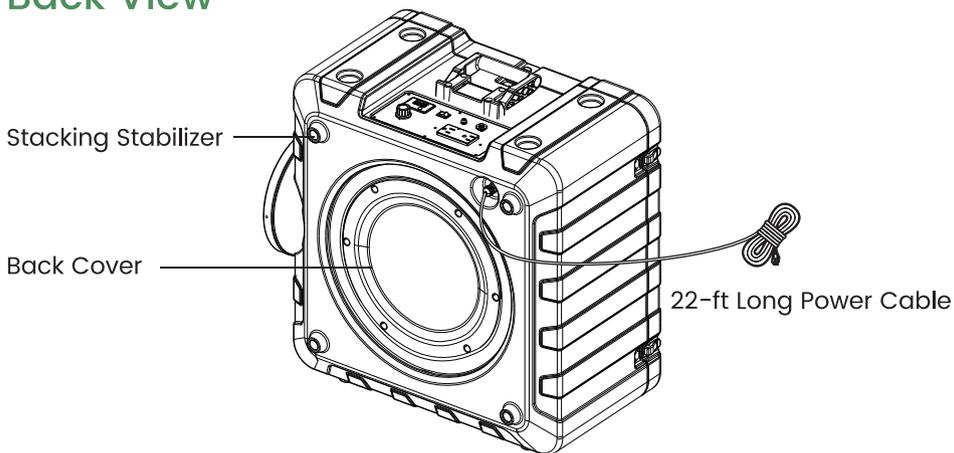
## Front View



## Bottom View

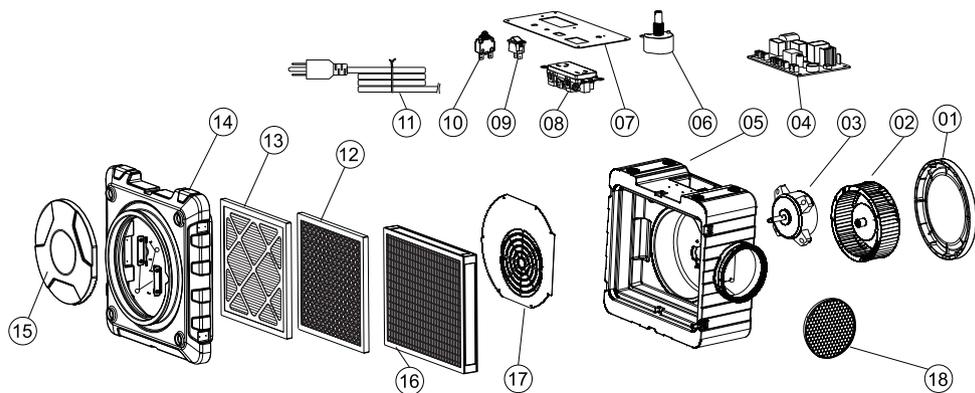


## Back View



# PARTS ILLUSTRATION

## Internal Structure

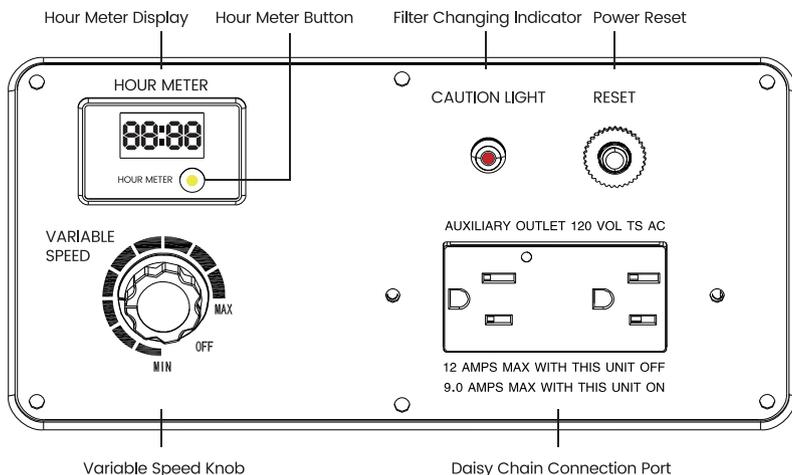


N0.	Name	N0.	Name	N0.	Name
1	Fan Cover	2	Fan Blade	3	Motor
4	Circuit Board	5	Housing	6	Potentiometer
7	Control Panel Assembly	8	Daisy Chain Socket	9	Switch
10	Circuit Breaker	11	Power Supply Cable	12	Carbon Filter
13	Pre-Filter	14	Filter Board Panel	15	Protective Cover
16	HEPA Filter	17	Fan Holding Panel	18	Air Outlet Grill

Note: The air scrubber is equipped with a safety interlock switch. If the HEPA filter is not correctly installed, the air scrubber will not power on.

# FUNCTION OVERVIEW

## Control Panel Illustration



### Hour Meter Button

- Short press the Hour Meter Button to display total run time; press again to show current cycle time.
- Long press to reset the total run time.

### Variable Speed Knob

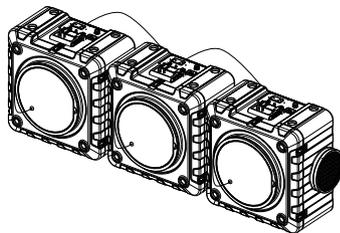
- **OFF:** Turns the unit off.
- **Max:** Sets to highest fan speed.
- **Min:** Sets to lowest fan speed.

## Features

### Daisy Chain Connection

Recommended for air filtration covered under a large area, the daisy chain feature allows you to connect multiple air scrubbers together using a single power outlet. Essentially, you link the units in sequence, so each one draws power from the previous unit, rather than needing a separate outlet for each device.

- When the primary unit is turned off, it is capable of supplying power to other connected units with a combined maximum load of 12 amps.
- When the primary unit is running, the total power consumption of the connected units must not exceed 9 amps.



Note: The Daisy Chain configuration ONLY supports 3 units maximum.

# FUNCTION OVERVIEW

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As long as the total amps of all connected devices don't surpass the outlet's capacity, you can safely use other equipment alongside the air scrubbers.

## Circuit Breaker Switch

The Circuit Breaker Switch safeguards the air scrubber from electrical overload, particularly when used in a Daisy Chain configuration. If the combined current of connected units exceeds 12 amps (or if more than three units are connected), the switch will automatically cut power to all units in the chain. This prevents equipment damage and ensures safe operation.

To restore power, press the RESET button once the electrical current has returned to normal levels.

## Hour Meter Feature

The air scrubber features an Hour Meter that records the total operating hours of the unit. After 2,000 hours of use, the Hour Meter will emit a one-minute buzzing alert to signal that the filter requires replacement.

To reset the Hour Meter and start tracking from zero, press the Hour Meter Button located below the Hour Meter Display.

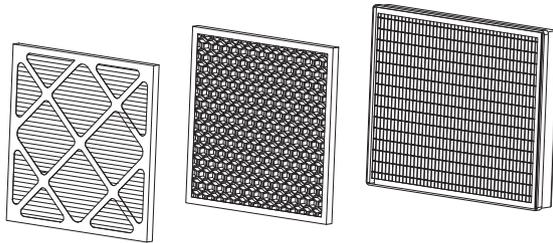
## Application Scenarios

The heavy-duty air scrubber is designed for high-performance use in demanding conditions, ideal for both home and industrial applications.

1. **Flood Damage Restoration:** Removes harmful particles and contaminants from the air.
2. **Odor Control:** The HEPA and carbon filters effectively neutralize odors from VOCs, smoke, soot, and paint fumes.
3. **Mold Remediation:** Reduces airborne mold spores.
4. **Fire Damage Restoration:** Removes smoke, soot, and particulates.
5. **Dust Control:** Minimizes dust during construction or industrial work.
6. **Sewage Cleanup:** Clears odors and contaminants.
7. **Post-Construction:** Eliminates dust and fumes after remodeling.

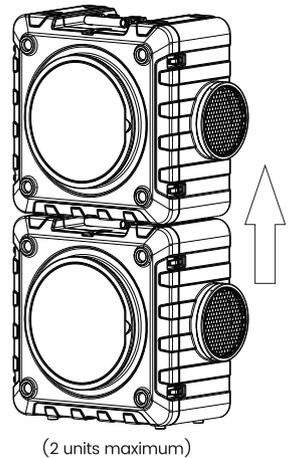
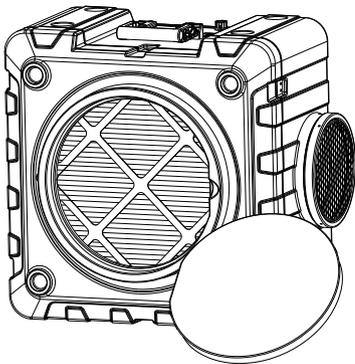
# OPERATION INSTRUCTIONS

1. Open the Filter Board Panel, remove the filters, and ensure all packaging materials are removed from them. Reinstall the filters in the correct order.



2. Place the air scrubber on a stable, level surface in an upright position.

3. Remove the protective cover from the air inlet.

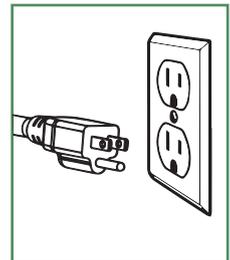


## WARNING:

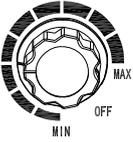
Do NOT plug in the air scrubber before removing the protective cover. Plugging it in with the cover in place may cause serious damage to the unit and pose safety risks.

4. Plug the unit into a 120-volt grounded electrical outlet with a minimum of 3 amps. If connecting multiple units via Daisy Chain, ensure the outlet provides sufficient amperage to support all units.

- Standard grounded outlet
- 120 volts
- Min. 3 amps (for one single unit)



# OPERATION INSTRUCTIONS



Airflow Rate:  
385–550 CFM

5. If the Variable Speed Knob is in the OFF position, the air scrubber will not operate when plugged in. Turn the Variable Speed Knob to your desired fan speed setting. The fan speed is continuously adjustable from a minimum of 385 CFM to a maximum of 550 CFM.

## 6. Reset the Circuit Breaker Switch

If the circuit breaker is triggered during operation, identify and correct the cause of the overload (e.g., excessive load or obstruction). Once the issue is resolved, press the RESET button to restore normal operation.

## 7. Turn off the Unit

To pause operation, turn the Variable Speed Knob to the OFF position to enter standby mode.

Always turn off the unit before unplugging it.

## Error Code

Error	Unit Status	Possible Cause	Recommended Action
/	Operation paused with one-minute buzzing alert	Operation time exceeds 2,000 hours	Replace the filters and reset the Hour Meter.
E001	Failure to operate; Error code displayed with buzzing alarm for 30 seconds	Overheated motor due to loose wiring	Contact the manufacturer for assistance.
E002	Failure to operate; Error code displayed with buzzing alarm for 20 seconds	Loose wire inside the switch knob	Contact the manufacturer for assistance.
E004	Motor failure; Error code displayed with buzzing alarm for 30 seconds	Motor over-current condition	Check the power supply and confirm that the total amperage does not exceed the outlet's capacity.

# MAINTENANCE & FILTER CHANGING

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Note: Before performing any maintenance, always unplug the unit. Ensure the power supply is disconnected before replacing any filters.

## Hour Meter & Filter Replacement Reminder

The air scrubber features an hour meter that tracks the total operating time. When the unit reaches 2,000 hours of use, an alarm will sound, indicating the need for filter replacement.

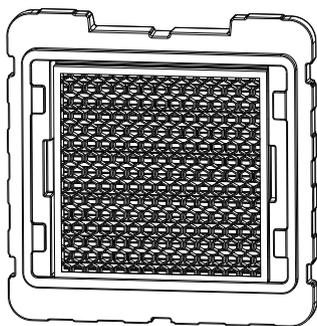
When the Caution Light indicator activates, it is recommended to replace all filters.

For heavy-duty cleaning tasks, such as mold removal or water damage restoration, replace all filters simultaneously and clean the unit thoroughly between jobs to prevent cross-contamination.

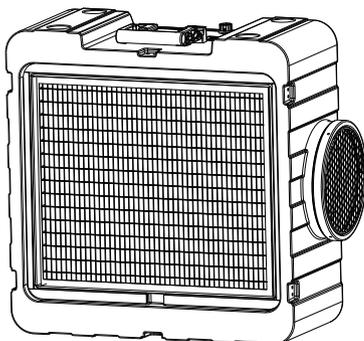
Note: Only use filters that are authorized or approved by the manufacturer. The use of unauthorized filters may reduce efficiency or cause damage to the unit.

## How to Change the Filters

1. Unplug the air scrubber and place it on its side for easy handling.
2. Loosen the six spring latches securing the Filter Board Panel and carefully remove the panel.
3. The pre-filter and activated carbon filter are located inside the Filter Board Panel, while the HEPA filter is located on the main board panel.



Filter Board Panel



Main Board Panel

4. Replace the filters in their respective locations. Always wear protective gloves during filter changing and avoid pinching your fingers.

# TROUBLESHOOTING

If your air scrubber malfunctions, we recommend trying the following troubleshooting steps before contacting the manufacturer. This can help you save time and potentially resolve the issue.

The listed problems are common issues that may occur with general air scrubbers. It's important to note that this doesn't imply that this air scrubber is prone to defects over time.

If the problem persists after following the recommended actions, please unplug the air scrubber and contact WAYKAR Customer Service as soon as possible for assistance.

Problems	Possible Causes	Solutions
The unit doesn't turn on	No power supply	Check if the unit is properly plugged into a working outlet.
	Turned to OFF position	Turn the Speed Knob to switch on the unit.
	HEPA filter not in place	Check if the HEPA filter is properly installed and positioned.
	Circuit breaker or GFCI has tripped	Push the RESET button.
	Faulty switch	Contact the manufacturer for replacement.
Auto shutting off after powering on	Obstructed inlet/outlet	Ensure the air inlet and outlet are clear of any obstructions.
	Faulty motor	Contact the manufacturer for replacement.
Vibrating unit	Bent motor shaft	Contact the manufacturer for replacement.
	Bent fan blade	Contact the manufacturer for replacement.
	Excessive dirt build-up on fan blade	Clean the fan blade with a slightly damp cloth.
Caution Light is illuminated	Filter changing reminder	Replace the filters.
	Motor failure or switch knob malfunction	Contact the manufacturer for solutions.

# SPECIFICATIONS

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Model	JGW55A
Power Source	120V~60Hz
Rated Current	1A
Rated Power	80W
Airflow Rate	385–550 CFM
Product Dimension	24.2 x 15.9 x 23.5 in

## Note:

1. Recommended working temperature for the air scrubber: 32°F to 104°F. The device may experience malfunctions outside this range.
2. Waykar reserves the right to modify the size and shape of this air scrubber without formal notice to the public.

## **WARNING:**

This product can expose you to chemicals including styrene and its compounds, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## **Important:**

This warning is legally required by California's Proposition 65, which mandates disclosure even for trace amounts of certain substances. The warning does not indicate that the product is unsafe when used as intended; the risk primarily applies to long-term exposure to significant amounts of these substances. The levels in this product are negligible and within safe limits.

# WARRANTY & CONTACT

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## Warranty

The Air Scrubber is covered by Waykar's 12-month manufacturer's warranty, which protects against defects in materials and workmanship under normal use. This warranty is valid for 12 months from the date of purchase. Please note that filters inside the Air Scrubber are considered consumable items and are not covered under the manufacturer's warranty. Replacement filters must be purchased separately as needed to maintain optimal performance.

The following are not covered under the manufacturer's warranty, including but not limited to:

1. Failing to follow the instructions in the manual.
2. Purposeful mishandling of the device.
3. Damaging the device through violent impact.
4. Exposing the device to liquids or infiltrating foreign particles.
5. Unauthorized modification or overhauling of the device.
6. Normal wear and tear.

These are our general terms for warranty service. Customers are more than welcome to contact us for any feedback or advice.

## Extend Your Warranty by 1 Year

Register your product at [www.waykar.com](http://www.waykar.com) to extend your 1-year warranty by an additional year.

\*Please fill out all required fields and include your Order ID and Date of Purchase if applicable.

## Customer Support

For any product-related queries, kindly contact our support team at Waykar. In case of missing, displaced, or damaged air scrubber parts, you can always reach out to Waykar support for assistance.

## WAYKAR Office

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☎ Tel: +1-(213)-895-4871

💬 Live Chat: [www.waykar.com](http://www.waykar.com)

🕒 24/7 Full-Time Response

\*Have your Order Number ready before contacting customer support.

# waykar



Scan the QR code  
for Live Chat



@ Waykar

We hope our products will make your living space healthier and more comfortable.

Your satisfaction is our top priority.

Feel free to tag us when you share a snap on your social media.

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