

ReSPR ReSPR ONE

ReSPR ONE Air Purification System User Manual

Model: ReSPR ONE | Brand: ReSPR

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1. INTRODUCTION

The ReSPR ONE is an advanced air purification system designed to improve indoor air quality in spaces up to 30 square meters (approximately 9 tatami mats). It utilizes NCC (Natural Catalytic Converter) technology, adopted by NASA for the International Space Station, to generate ions and ozone from water vapor and oxygen in the air. This process helps address viruses and bacteria, providing a cleaner environment.



Figure 1: ReSPR ONE Air Purification System. This image shows the compact, white ReSPR ONE unit with a perforated front panel and control buttons on the side.

ReSPR™ は空気清浄機ではありません。

NEW
NORMAL STORE

空気浄化システムです。

左: ReSPR ONE
右: ReSPR FLEX



Figure 2: ReSPR ONE is an air purification system, not just an air purifier. This image contrasts the ReSPR ONE (left, white, compact) with the ReSPR FLEX (right, black, taller), emphasizing that ReSPR offers a comprehensive air purification system.

2. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before using the ReSPR ONE. Failure to follow these instructions may result in electric shock, fire, or injury.

- Do not operate the unit with a damaged power cord or plug.
- Do not block the air inlets or outlets.
- Keep the unit away from water or other liquids.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Ensure the unit is placed on a stable, level surface.
- Keep out of reach of children and pets.

3. SETUP

Follow these steps to set up your ReSPR ONE unit:

1. **Unpack the Unit:** Carefully remove the ReSPR ONE from its packaging. Retain the packaging for future transport or storage.
2. **Choose a Location:** Place the unit in the desired room, ensuring it is on a stable, flat surface. For optimal performance, avoid placing it directly against walls or in enclosed spaces that might obstruct airflow. The unit is designed for rooms up to 30 square meters.
3. **Connect Power:** Plug the power adapter into the unit, then plug the other end into a standard electrical outlet.
4. **Initial Inspection:** Before turning on, ensure there are no visible damages to the unit or power cord.



Figure 3: ReSPR ONE size comparison. This image shows the compact size of the ReSPR ONE unit (approximately 17.2 cm in height) next to a person, illustrating its portability and small footprint.

4. OPERATION

The ReSPR ONE features simple controls for ease of use.

Power On/Off

- Press the power button (usually indicated by a universal power symbol) on the side of the unit to turn it on.
- Press the power button again to turn the unit off.

Operating Modes

Refer to the control panel on the unit for specific mode indicators. Typically, the ReSPR ONE operates continuously to purify the air. Some models may include different fan speeds or purification intensity settings, indicated by corresponding buttons or lights.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ReSPR ONE.

Cleaning the Exterior

- Ensure the unit is unplugged before cleaning.
- Wipe the exterior surfaces with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals.

Filter/Cell Maintenance

The ReSPR ONE utilizes NCC technology, which typically involves a catalytic cell. While specific filter replacement instructions are not provided, it is generally recommended to:

- Consult the official ReSPR website or contact customer support for detailed instructions on cleaning or replacing the NCC cell or any internal components.
- Regularly check the air intake and exhaust vents for dust accumulation and gently clean them with a soft brush or vacuum cleaner attachment.

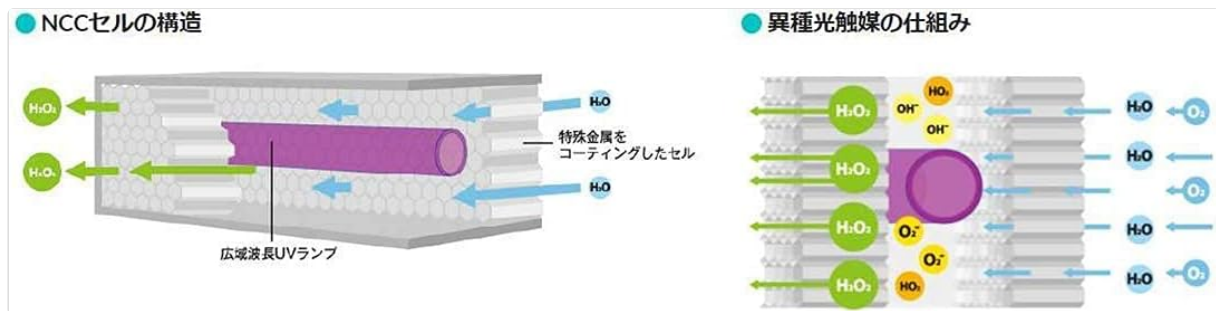


Figure 4: NCC Cell Structure and Heterogeneous Photocatalyst Mechanism. This diagram illustrates how the NCC cell, featuring a broad-spectrum UV lamp and special metal coating, interacts with H2O to produce reactive oxygen species (H2O2, OH-, O3) for air purification.

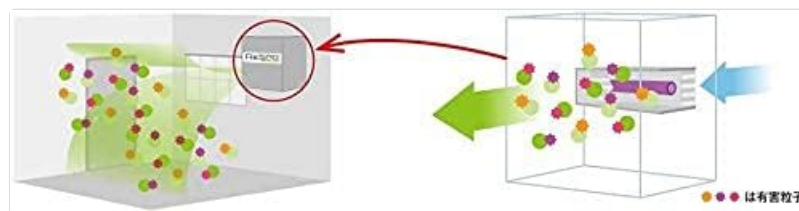


Figure 5: Air Purification Process. This diagram shows the ReSPR unit actively dispersing purifying agents into the room, which then interact with and neutralize harmful particles in the air.

6. TROUBLESHOOTING

If you encounter issues with your ReSPR ONE, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply	Check if the power cord is securely plugged into the unit and the electrical outlet. Try a different outlet.
No air purification effect	Obstructed airflow or unit placed in too large a room	Ensure air inlets/outlets are clear. Verify room size is within the recommended 30 sqm.
Unusual noise	Foreign object inside or unit not on a stable surface	Unplug the unit and check for any obstructions. Place the unit on a stable, level surface. If noise persists, contact customer support.

If the problem persists after attempting these solutions, please contact ReSPR customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	ReSPR
Model	ReSPR ONE

Feature	Detail
Color	White
Coverage Area	Up to 30 square meters (approx. 9 tatami mats)
Technology	NCC (Natural Catalytic Converter)
Dimensions (approx.)	170mm (W) x 165mm (D) x 165mm (H)
ASIN	B08KXWXFVR
First Available Date	December 7, 2020

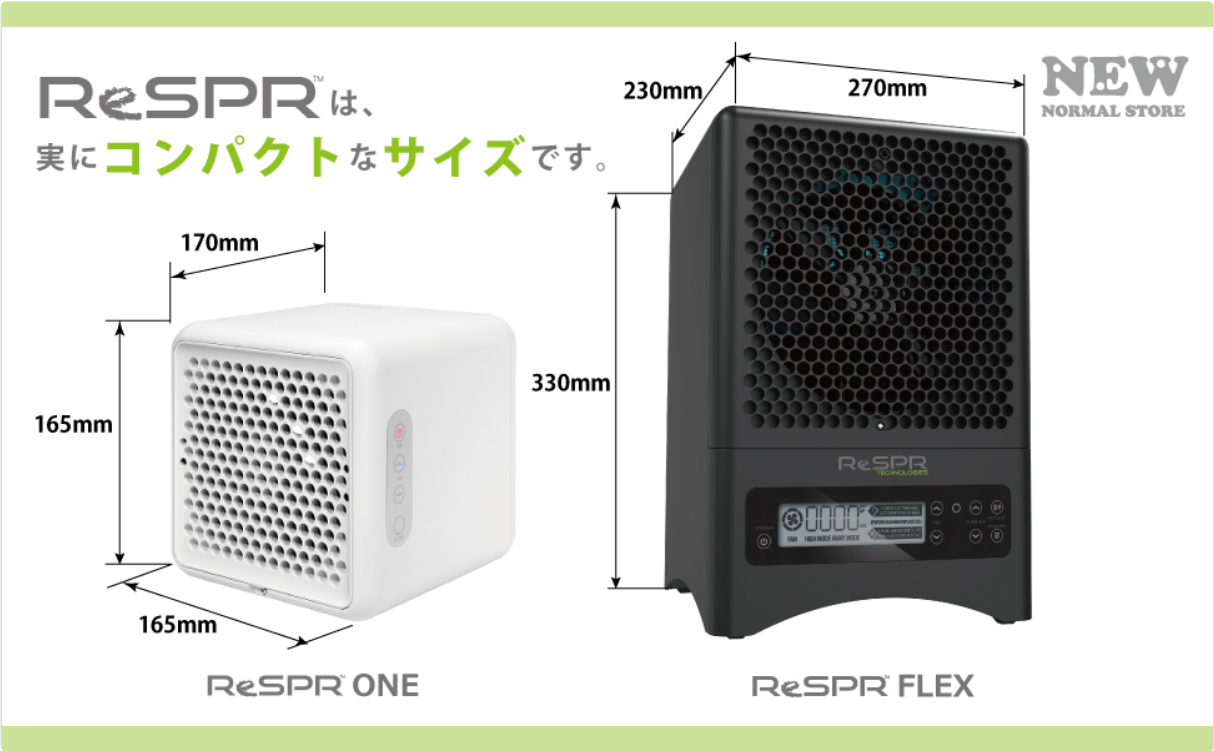


Figure 6: ReSPR ONE Dimensions. This image provides a visual representation of the ReSPR ONE's compact dimensions: 170mm width, 165mm depth, and 165mm height.

8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please visit the official ReSPR website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Customer Support Contact: Refer to the contact information provided with your product packaging or on the official ReSPR website.



[ReSPR FLEX Owner's Manual: Air Purifier Setup, Operation, and Maintenance](#)

This owner's manual provides comprehensive guidance for the ReSPR FLEX air purifier, covering setup, operating modes, routine maintenance, troubleshooting, and warranty information from ReSPR Technologies.