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› [SHARP KC-H50-W Humidifying Air Purifier Plasmacluster 7000 User Manual](#)

## SHARP KC-H50-W

# SHARP KC-H50-W Humidifying Air Purifier Plasmacluster 7000 User Manual

Model: KC-H50-W | Brand: SHARP

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your SHARP KC-H50-W Humidifying Air Purifier. This appliance combines air purification with humidification, utilizing Plasmacluster 7000 technology to improve indoor air quality. Please read this manual thoroughly before operating the unit and retain it for future reference.

## 2. SAFETY INFORMATION

To ensure safe operation, always follow these basic precautions:

- Always connect the unit to a 100V AC power supply. Do not use with other voltages.
- Do not block the air intake or outlet vents.
- Keep the unit away from water and moisture. Do not operate with wet hands.
- Do not disassemble, repair, or modify the unit yourself. Contact authorized service personnel.
- Ensure the water tank is filled with clean tap water only. Do not add chemicals or essential oils.
- Unplug the unit before cleaning or performing any maintenance.

## 3. PRODUCT OVERVIEW AND PARTS IDENTIFICATION

Familiarize yourself with the main components of your air purifier.

# 製品ラインアップ

KI-HX75	KI-HS70/HS50	KC-H50
		
プラズマシクラスター濃度 25000 ハイグレード 浮遊物+付着物に	スピードアップ 25000 ハイグレード 浮遊物+付着物に	7000 スタンダード 浮遊物に
畳数 21畳	16畳/13畳	13畳
加湿 最大750mL/h	最大630/ 550mL/h	最大500mL/h
自動 フィルタ 掃除 〇	—	—
AI 〇	〇	—
や す い 5つのセンサー 空気の汚れ見える化	置き場所を選ばない スリムボディ	4つのセンサー

Figure 3.1: Front view of the SHARP KC-H50-W Humidifying Air Purifier.

## Key Components:

- Control Panel:** Located on the top, for operating modes and settings.
- Air Outlet:** Top front, releases purified and humidified air.
- Air Intake:** Rear panel, draws in room air.
- Water Tank:** Removable tank for humidification.
- Filters:** Pre-filter, Deodorizing filter, HEPA filter (located behind the rear panel).
- Sensors:** Detects odor, humidity, temperature, and light levels.
- Casters with Stopper:** For easy movement and stable placement.

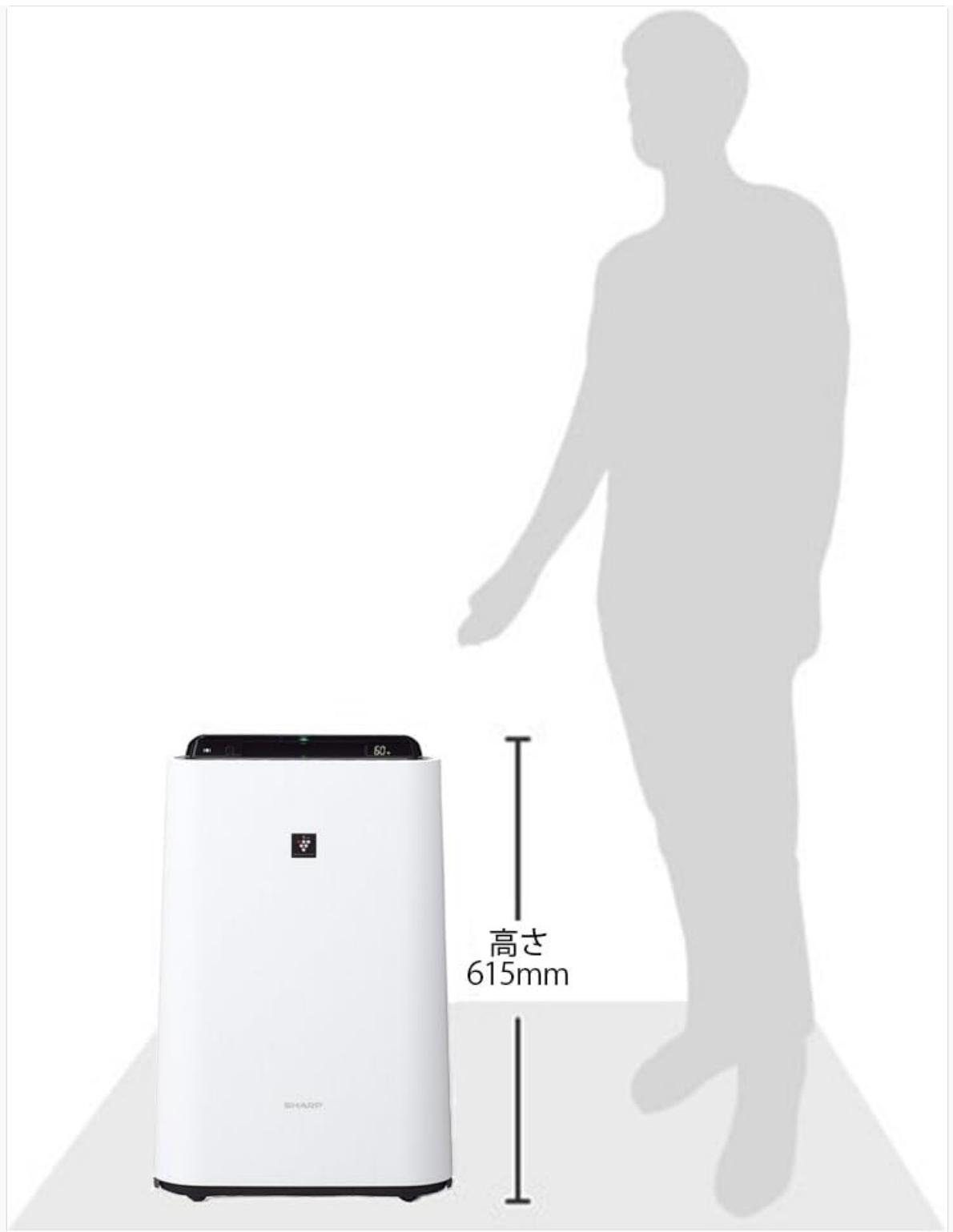


Figure 3.2: Dimensions of the SHARP KC-H50-W (Height: 615mm) for scale.

## 4. SETUP

Follow these steps for initial setup:

- 1. Unpacking:** Carefully remove the unit from its packaging. Retain packaging for future transport or storage.
- 2. Filter Installation:** Open the rear panel and ensure all filters (Pre-filter, Deodorizing filter, HEPA filter) are correctly installed and any protective plastic wrapping is removed. Close the panel securely.
- 3. Fill Water Tank:** Remove the water tank from the side of the unit. Unscrew the cap, fill with clean tap water up to the MAX line, and securely replace the cap. Reinsert the tank into the unit.
- 4. Placement:** Place the unit on a flat, stable surface. Ensure there is adequate space around the unit (at least 20

cm from walls or furniture) for proper airflow. The casters allow for easy positioning.

5. **Power Connection:** Plug the power cord into a standard 100V AC electrical outlet.

## 5. OPERATING INSTRUCTIONS

The control panel allows you to select various operating modes and monitor air quality.

### 5.1 Power On/Off

- Press the **Power button** to turn the unit ON or OFF.

### 5.2 Operating Modes

- **Auto Mode:** The unit automatically adjusts fan speed and humidification based on the detected air conditions (odor, humidity, temperature, light).
- **Quiet Sleep Mode:** When ambient light is low (e.g., lights are turned off), the unit automatically switches to a quiet operation. It will also quietly humidify if dryness is detected, ensuring a comfortable environment for sleep.
- **Pollen Mode:** Increases sensor sensitivity to quickly detect pollen and operates at a stronger fan speed to remove it from the air.

### 5.3 Display and Indicators

- **Digital Display:** Shows current room temperature, humidity (in 1% increments), and an estimated daily electricity cost (in 1 yen increments).
- **Clean Monitor:** An indicator light changes color to show the overall air cleanliness status.
- **High/Low Temperature & Humidity Monitoring:** The unit provides alerts (sound and light) if room temperature or humidity levels become excessively high or low.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air purifier.

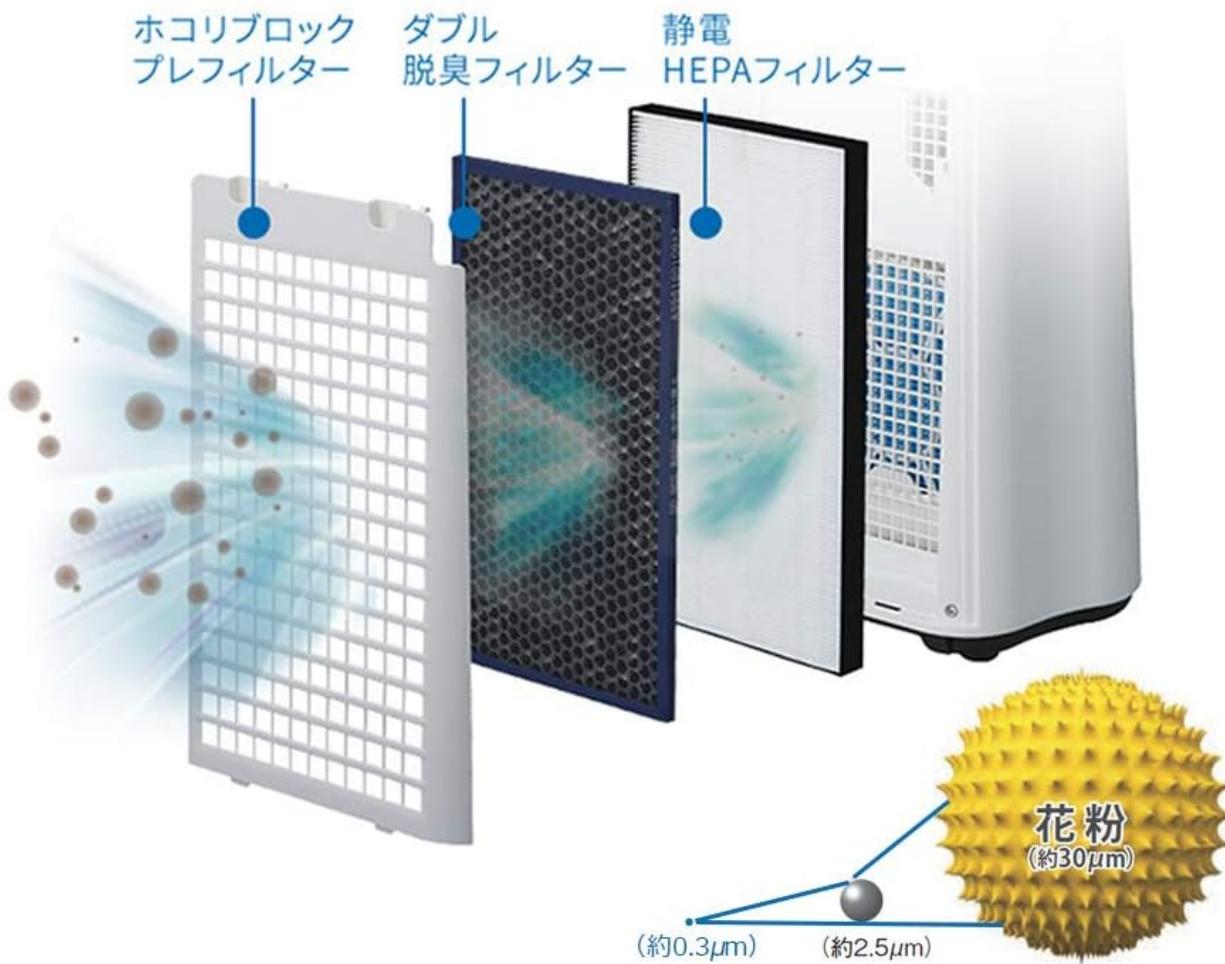
### 6.1 Water Tank and Humidifying Tray

- **Daily:** Refill the water tank with fresh tap water. The tank is designed with a handle for easy carrying and can stand upright during refilling.
- **Weekly:** Clean the water tank and humidifying tray to prevent slime and odor buildup. The integrated Ag+ Ion Cartridge helps suppress these issues, but regular cleaning is still recommended.

### 6.2 Filters

# 0.3μmの微小な粒子を99.97%以上集じん<sup>※1</sup> 静電HEPAフィルター

3つのフィルターでしっかり脱臭・集じんします。



※1 フィルターの除去性能です。部屋全体への除去性能とは異なります。

Figure 6.1: The three-stage filter system effectively captures dust, odors, and fine particles.

- **Pre-filter:** Clean regularly (e.g., every two weeks) by vacuuming or washing with water.
- **Deodorizing Filter & HEPA Filter:** These filters are not washable. Replace them according to the manufacturer's recommendations or when performance noticeably declines. Refer to the product specifications for filter lifespan.

## 6.3 Exterior Cleaning

- Wipe the exterior of the unit with a soft, dry cloth. For stubborn dirt, use a damp cloth and mild detergent, then wipe dry.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	Power cord unplugged; Power outage; Unit malfunction	Check power cord connection; Check household circuit breaker; Contact customer support
No humidification	Water tank empty; Humidifying filter dirty; Humidification function off	Refill water tank; Clean/replace humidifying filter; Activate humidification mode
Unusual odor	Filters dirty; Water tank/tray dirty; New unit odor	Clean/replace filters; Clean water tank/tray; Odor should dissipate after initial use
Air purification ineffective	Filters dirty or clogged; Unit placed in an unsuitable location	Clean/replace filters; Ensure proper placement with adequate airflow

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

## 8. SPECIFICATIONS

Feature	Specification
Model Number	KC-H50-W
Brand	SHARP
Dimensions (W x D x H)	39.9 x 23 x 61.5 cm
Weight	Approx. 7.7 kg
Power Supply	100V AC
Power Consumption (Max)	Approx. 54W
Power Cord Length	1.8 m
Humidification Method	Evaporation Type
Humidification Capacity (Max)	500 mL/h
Water Tank Capacity	Approx. 2.5 L
Applicable Humidifying Air Purifying Area	Approx. 14m <sup>2</sup> (~8.5 tatami for wooden rooms)
Applicable Humidification Area (Prefab Western Room)	~14 tatami (23m <sup>2</sup> )
Applicable Humidification Area (Wooden Japanese Room)	~8.5 tatami (14m <sup>2</sup> )
Air Purification Time (for 8 tatami)	17 minutes
Plasmacluster Ion Density	7000 Standard
Sensors	Odor, Humidity, Temperature, Light

## 9. WARRANTY AND SUPPORT

Your SHARP KC-H50-W Humidifying Air Purifier comes with a manufacturer's warranty. Please refer to the warranty

card included with your product for specific terms and conditions, including warranty period and coverage. For technical support, service, or to purchase replacement parts (such as filters or the Ag+ Ion Cartridge), please contact SHARP customer service. Contact information can typically be found on the SHARP official website or on your product's packaging.

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