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## SHARP KI-LX75

# SHARP KI-LX75 Plasmacluster 25000 Humidifying Air Purifier User Manual

Model: KI-LX75 | Brand: SHARP

## 1. INTRODUCTION

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Thank you for purchasing the SHARP KI-LX75 Plasmacluster 25000 Humidifying Air Purifier. This appliance is designed to improve your indoor air quality by purifying the air and maintaining optimal humidity levels. It features SHARP's unique Plasmacluster 25000 technology, which helps suppress airborne and adhering allergens, odors, and fine particles. Please read this manual thoroughly before use to ensure safe and effective operation.

## 2. SAFETY INFORMATION

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury. Keep this manual for future reference.

- Do not operate the appliance with a damaged power cord or plug.
- Do not block air inlets or outlets.
- Do not use in wet environments or near water.
- Unplug the appliance before cleaning or maintenance.
- Keep out of reach of children.
- Only use genuine SHARP replacement parts and filters.

## 3. PRODUCT OVERVIEW

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The SHARP KI-LX75 combines advanced air purification with humidification. Key features include Plasmacluster 25000 ion technology, a multi-layer filter system, automatic filter cleaning, and smart AI humidification.

### Components



Figure 3.1: Front view of the SHARP KI-LX75 Humidifying Air Purifier. This image shows the main body of the air purifier, highlighting its sleek white design and front panel.

# たっぷり加湿

新たな加湿構造で、従来より加湿量がアップし、同時に低騒音化も実現しました。



Figure 3.2: Detailed view of the control panel. This image displays the various buttons and indicators on the top of the unit, including power, mode selection, and sensor displays.

## Plasmacluster Technology

The Plasmacluster 25000 technology releases positive and negative ions into the air, similar to those found in nature. These ions surround airborne contaminants, such as mold, bacteria, and viruses, and break down their protein structures, effectively purifying the air.

Your browser does not support the video tag.

Video 3.1: Plasmacluster Ion Mechanism. This video illustrates how Plasmacluster ions are released into the air and interact with airborne particles to neutralize them, demonstrating the purification process.



## プラズマクラスターの効果効能



英国アレルギー協会認定



浮遊花粉アレルギー物質を99%抑制

●実使用空間での検証結果ではありません。使用場所の状況、使いかたによって効果は異なります。●試験機関(株)ヒオスタ●試験方法:約21m<sup>3</sup>(約5畳空間)の試験空間で花粉のアレル物質を付着させた試験片で、アレル物質をELISA法で測定。■試験結果:約24時間後に抑制効果を確認。KH-P100の風量「静音」運転で実施。(KH-L100は風量「静音」運転時の効果です)●浮遊するタニのアレル物質・花粉を除去することが英国アレルギー協会の試験で検証されました。

Figure 3.3: Plasmacluster ion effect on viruses. This diagram shows how Plasmacluster ions work to suppress the activity of airborne viruses, contributing to a healthier environment.



## プラズマクラスターの効果効能



●約7.5時間後の効果です。密閉した試験空間:約25m<sup>3</sup>(6畳相当) <付着ウイルス>●試験機関(株)食環境衛生研究所●試験方法:約25m<sup>3</sup>の試験空間で日本電機工業規格(JEM1467)の性能評価試験にて実施。●試験対象:付着した1種類のウイルス。■試験結果:約7.5時間で99%抑制。KH-P100(プラズマクラスターNEXT搭載機種)の風量「ターボ」運転で実施。約10時間で99%抑制。KH-BX50(プラズマクラスター2500搭載機種)の風量「強」運転で実施。

Figure 3.4: Plasmacluster ion effect on pollen. This image illustrates the mechanism by which Plasmacluster ions help reduce the effects of airborne pollen allergens, providing relief for allergy sufferers.

## 4. SETUP

### 4.1 Unpacking

Carefully remove the air purifier from its packaging. Retain all packaging materials for future transport or storage. Ensure all protective films and tapes are removed from the unit.

### 4.2 Placement

Place the air purifier on a flat, stable surface. Ensure there is adequate space around the unit for proper airflow. Avoid placing it directly against walls or furniture that might obstruct the air intake or outlet.



Figure 4.1: Wide speed circulation airflow. This diagram illustrates the optimal placement for the air purifier to achieve wide-speed circulation airflow, ensuring efficient air purification throughout the room.

### 4.3 Filling the Water Tank (for Humidification)

1. Remove the water tank from the side of the unit.
2. Open the water tank cap and fill it with clean tap water. Do not use hot water or chemical additives.
3. Securely close the cap and reinsert the water tank into the unit until it clicks into place.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Power On/Off

Press the **Power** button on the control panel to turn the unit on or off.

### 5.2 Mode Selection

Use the **Mode** button to cycle through available operating modes:

- **Air Purify Mode:** For general air cleaning.
- **Humidify Mode:** Adds moisture to the air.
- **Plasmacluster Ion Mode:** Releases high-density Plasmacluster ions for enhanced purification.
- **Auto Mode:** The unit automatically adjusts operation based on sensor readings (dust, odor, humidity, temperature, brightness).

### 5.3 AI Smart Humidification

The KI-LX75 features an AI-powered humidification system that intelligently maintains optimal humidity levels based on room conditions and user preferences. This system adapts to the environment to provide efficient and comfortable humidification.



Figure 5.1: Plenty of humidification. This image highlights the humidification feature, showing water droplets and mist, indicating the unit's ability to provide ample moisture to the air.

## 5.4 COCORO AIR App Connectivity

Connect your air purifier to your wireless LAN and use the COCORO AIR smartphone app to monitor and control the unit. The app collects and analyzes operational status and air quality information, allowing the unit to learn and adapt to your usage patterns.



Figure 5.2: COCORO AIR app interface. This image shows a user interacting with the COCORO AIR app on a smartphone, demonstrating the smart control and monitoring capabilities of the air purifier.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your air purifier.

### 6.1 Automatic Filter Cleaning

The KI-LX75 features an automatic filter cleaning function. Periodically, a power brush removes dust accumulated on the pre-filter at the back of the main unit and collects it in the dust box. Empty the dust box regularly.



Figure 6.1: Automatic filter cleaning mechanism. This diagram illustrates the internal components involved in the automatic cleaning of the pre-filter, showing how dust is collected into a dust box.

## 6.2 Water Tank and Humidifying Filter Cleaning

- Clean the water tank and humidifying filter regularly (at least once a month, or more frequently depending on usage and water quality) to prevent mold and bacteria growth.
- Refer to the detailed cleaning instructions in the full product manual for specific steps.

## 6.3 Sensor Cleaning

Wipe the dust and odor sensors with a dry cotton swab or soft cloth periodically to ensure accurate readings.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	Power cord not properly connected; Power outage	Check power cord connection; Check household circuit breaker
No humidification	Water tank empty; Humidifying filter dirty	Refill water tank; Clean humidifying filter
Air purification ineffective	Filters are dirty or clogged; Air inlets/outlets blocked	Clean or replace filters; Ensure clear airflow paths
Unusual noise	Foreign object in fan; Unit not on a stable surface	Turn off and inspect for obstructions; Place on a stable surface

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

## 8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	KI-LX75W
Brand	SHARP
Color	White
Product Dimensions (D x W x H)	35.9 cm x 40 cm x 69.3 cm
Product Weight	12 kg
Power Source	Power cord type
Control Method	App
Filter Type	HEPA
Noise Level	53 dB (max)
Special Features	Humidification function, Plasmacluster 25000
Applicable Floor Area (Air Purification)	Up to 34 tatami mats
Power Consumption	Max approx. 83W
Purification Time (8 tatami mats)	9 minutes
Sensors	Dust, Odor, Humidity, Temperature, Brightness



Figure 8.1: Product dimensions. This image provides a visual representation of the air purifier's height, width, and depth, with measurements clearly indicated.

## 9. WARRANTY AND SUPPORT

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## **9.1 Manufacturer's Warranty**

This product comes with a manufacturer's warranty valid for one year from the date of delivery. The delivery slip is required for warranty claims. The warranty applies only to use within Japan.

## **9.2 Customer Support**

For further assistance, technical support, or warranty claims, please contact SHARP customer service. Contact information can be found on the official SHARP website or in the product packaging.