

# SHARP UA-KCP100U-W Air Purifier with Humidifying Function Instruction Manual

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## UA-KCP100U-W Air Purifier with Humidifying Function

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### Product Information

Product Name: UA-KCP100U-W

Product Type: Air Purifier with Humidifying Function

Brand: SHARP

Language: English

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### Product Usage Instructions

1. Read the entire user manual carefully before using the product.
2. Keep the manual in a safe place for future reference.
3. Ensure that all important safety instructions are followed.
4. Before first use, perform the following steps:
  - Check the power cord and plug for any damage. If damaged, contact the manufacturer or an authorized service center for replacement.
  - Do not attempt to repair or disassemble the product yourself.
  - Ensure the product is used only for intended household use as described in the manual.
  - If using the product with children or individuals with reduced

capabilities, provide supervision and instruction on safe usage.

- Operate the product by following these steps:
  - Connect the product to an AC 220-240 volt outlet.
  - Ensure the power cord and plug are not damaged or loose.
  - Always turn off the product before unplugging it.
  - To unplug, pull the power plug and not the power cord.
  - Avoid touching the power plug with wet hands.
  - Periodically remove dust from the power plug.
- Avoid using the product near gas appliances, fireplaces, candles, incense, or sparks from lit cigarettes.
- Do not operate the product in a room with flammable gas or chemical fumes.
- Avoid exposing the product to rain or using it near water, in a bathroom, laundry area, or other damp locations.

For further information on changing settings, care and maintenance, troubleshooting, specifications, and intellectual property rights for this product, refer to the user manual pages 14-24.

[View Fullscreen](#)

Operation Manual  
UA-KCP100U-W  
Air Purifier with Humidifying Function  
EN

ENGLISH

Thank you for purchasing this SHARP Air Purifier. Please read this manual carefully before using the product.  
This manual should be kept in a safe place for handy reference.

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## IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS before using this product.

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

### WARNING

1. Read all instructions before using the product.
2. Use the product only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
3. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have

been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

4. Never operate the product if the power cord or plug is damaged or the product is malfunctioning or damaged.
5. If the power cord or plug is damaged, it must be replaced by the manufacturer, its service agent, a Sharp authorized Service Centre or similarly qualified persons in order to avoid a hazard. Contact the nearest Service Centre for any problems, adjustments, or repairs.
6. Do not repair or disassemble the product yourself.
7. Follow the instructions "a" to "h" below for the power cord or plug. It may cause short circuit, excessive heat, electric shock or fire. a. Use only AC 220-240 volt outlet.

### ENGLISH

- b. Do not use the product if the power cord or plug is damaged or the connection to the wall outlet is loose or damaged.
  - c. Always turn off the product before unplugging the power plug.
  - d. Always unplug the product in the following cases. · Before moving the product. · When replacing the filter. (Even when opening the Back Panel) · When refilling water. · Before maintenance of the product. · When the product is not in use.
  - e. Be sure to pull the power plug and not the power cord.
  - f. Do not touch the power plug with wet hands when inserting or unplugging from the wall outlet.
  - g. Periodically remove dust from the power plug.
  - h. Always observe the following as to not damage the power cord. · Do not damage cord with Caster Wheels when moving the product. · Do not run cord under carpeting. Do not cover the power cord with throw rugs, runners, or similar coverings. · Do not put heavy things on the power cord or pinch it. · Do not run the power cord under furniture or other appliances. · Run the power cord away from traffic area and where it will not be tripped over.
8. Do not use this product near gas appliances, fire places, candle fire, incense or sparks from lit cigarettes. When the product is operated with gas appliances in the same room, Ventilate a room periodically, otherwise it may cause carbon monoxide poisoning.
  9. Do not operate the product in a room with flammable gas, such as oily residue or chemical fumes.
  10. Do not expose the product to rain, or use near water, in a bathroom, laundry area or other damp location.
  11. Do not insert fingers or foreign objects into the air inlets or air outlets.
  12. Do not look into the air outlets.
  13. Do not drink the water in the Humidifying Tray.

14. Replace the water in the Humidifying Tray daily with fresh tap water, and regularly clean it. When the product is not in use, dispose of the water in the Humidifying Tray. Leaving water in the Humidifying Tray can cause mold, bacteria, and bad odours. In rare cases, such bacteria can be a health hazard.

### NOTE

– Radio or TV Interference –

If the product should cause interference to radio or television reception, try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the product and radio/TV receiver.
3. Connect the product into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

#### CAUTIONS CONCERNING INSTALLATION

1. Place the product on a level and stable surface with sufficient air circulation. Strong wind or Dust through the window may prevent the product's air purifying performance and efficacy. When placed on heavy carpet, the product may vibrate slightly. Place the product on a level surface to avoid water leakage from the Humidifying Tray.
2. Avoid a location where the sensors are exposed to direct breeze or draft if the product has sensors. The product may not operate properly.
3. Avoid use in locations where furniture, fabrics, or other items may come in contact with and restrict the air inlets and/or outlets.
4. Avoid locations exposed to direct sunlight. It may cause to change shape or colour of the product.

#### EN-1

5. Avoid locations where the product is exposed to condensation or drastic changes in temperature. Use under appropriate conditions between 0 °C 35 °C.
6. Avoid use in locations where greasy or oily smoke is generated. (such as in a kitchen, etc.). The Main Body surface may crack and the sensors may malfunction as a result.
7. The dust collecting ability of the product is effective even when the product is up to 3 cm from the wall, but the surrounding walls or floor may get dirty. Please place the product at a distance from the wall. The wall directly behind the air outlets and the floor or rug on which the product placed may become dirty over time. When using the product for an extended period of time at the same location, periodically clean the walls, the floor or the rug.
8. Do not place the product near or on hot objects, such as stoves or heaters, or where it may come into contact with steam.

#### CAUTIONS CONCERNING FILTER

1. Follow the instructions in this manual for filter installation and maintenance. (Page 8, 21)
2. Take out the filters from the plastic bag before placing the filter in the Main Body.
3. Do not operate the product without the filters properly installed.
4. Do not wash and reuse the HEPA Filter and the Deodorizing Filter. Washing will not improve filter performance and can also cause electric shock or operating malfunctions.
5. Do not operate the product in a rooms where aerosol insecticides are present. It may cause the odour of insecticide may be remained in the product and emitted from the air outlets.

#### CAUTIONS CONCERNING OPERATION

1. Do not block the air inlets or air outlets.
2. Always operate the product in an upright position.
3. When carrying the product, first remove the Humidifying Tray not to spill water, and then hold the product by the handles on both sides.
4. Always lift up the product when moving it on easily damaged flooring, an uneven surface, or carpet.
5. Do not change the direction of the product while moving using the Caster Wheels.
6. When moving the product by its Caster Wheels, move it slowly and in a horizontal direction.
7. Do not operate the product without the Humidifying Tray properly installed.
8. When refilling the Humidifying Tray, make sure no water leaks from the Humidifying Tray.
9. Be sure to wipe off any excess water on the outside of the Humidifying Tray.
10. Do not use hot water (40 °C or more), chemical agents, aromatic substances, dirty water, or other damaging substances. Doing so can deform the product or cause it to malfunction.
11. Use only fresh tap water. Using other water sources risks the growth of molds, fungi, or bacteria.
12. Do not shake the Humidifying Tray while holding the Tray Handle.

#### CAUTIONS CONCERNING MAINTENANCE

1. Follow the instructions in this manual for maintenance. (Page 18 – 21)
2. Clean the exterior with a soft cloth only.
3. Do not use detergents other than what is mentioned in this manual (Page 20). Do not use volatile fluids and/or detergents. The Main Body surface may be damaged or cracked with strong corrosive cleansers, benzene, paint thinner, polishing powder or grease. The Humidifying Tray may cause deformation, tarnishing, cracking (water

## ENGLISH

leakage). In addition, the sensors may malfunction as a result if the product has sensors.

4. Do not scrub the Back Panel (Pre-Filter) hard during its maintenance.

5. The frequency of descaling maintenance will depend on the hardness of and the impurities in the water that you use;

the harder the water the more often descaling will be necessary.

6. Do not remove the Humidifier Float. If the Humidifier Float comes off, refer to page 20.

7. When replacing filters or any accessories, use specified parts in this manual.

## SAFETY / PRECAUTIONS OF THE Wi-Fi FUNCTION

### WARNING

When remotely control the air purifier

In case of remote operation from outside, you may not be able to check air purifier current condition or the area around it and the situation concerning anyone possibly staying there, so please adequately confirm safety before use.

on the App. 5. Locking smart device display is

recommended to avoid incorrect operation. 6. Communication charges will occur by the download and use of the App.

### CAUTION FOR Wi-Fi

Caution for usage about electrical wave

1. Make sure the electric plug is fully inserted into a power socket, and there is no dust on the plug or in the socket hole. (It may cause heat, combustion, fire, etc., due to poor contact or contact failure)

2. Make sure beforehand to check the ambient environment of the product, because the air flow from the product may cause unexpected phenomenon (such as fall down unstable item), and resulting in fires, wounds, defacement of house belongings.

### CAUTION FOR USE

1. Agreement with "Terms of Service" is required to use App.

2. Ensure that the App is up to date.

3. Screens and illustrations in this book are for explanation, there are some differences to the actual product.

4. In the case of bad connection, the App may not be able to control the air purifier. The current operation of the air purifier may not be accurately reflected

1. Usage of the application is not guaranteed under below environment: a. Near Bluetooth® wireless communications device using the same frequency (2.4GHz) as this product. \* The Bluetooth® word mark is a registered trademark owned by Bluetooth SIG, Inc. b. Near the product which emit magnetic field. (e.g. microwave oven) c. Near the place with static electricity. d. Near the place where the radio disturbance occurs. e. Near the other wireless communications device.

2. Wireless connection and performance cannot be guaranteed for all routers or environmental conditions. At the following places, Wi-Fi connection might be unstable: a. Inside of the building made with concrete, reinforcing steel or metal. b. Near the obstruction. c. Near the wireless communications device using the same frequency.

3. Wi-Fi of this product corresponds to

channel 1 – 13. It's not available to communicate with the routers set up to other channels.

Caution for personal information (related to Security)

1. Using Wi-Fi device has the possibility of interception regardless of secret code setting.

2. Make sure to use the network under your management.

3. Initialize the device when sold, disposed or handover from/to a third person. See page 16 on how to initialize.

## OPERATION PRINCIPLE

### FEATURES

Unique Combination of Air Treatment Technologies

#### Plasmacluster

Plasmacluster treats the air similar to the way nature cleans the environment by emitting a balance of positive and negative ions.

“Plasmacluster” and “Device of a cluster of grapes” are trademarks of Sharp Corporation.

\* The number in this technology mark indicates an approximate number of ions supplied into air of 1 cm<sup>3</sup>, which is measured around the centre of a room applicable floor area (at 1.2 m height above the floor) when the product is placed close to a wall at the MED mode setting.

#### Triple Filtration System + Humidification

##### Pre-Filter

Pre-filter traps dust larger than approx 240 micron particles.

##### Deodorizing Filter

Deodorizing filter absorbs many common household odours.

##### HEPA Filter

HEPA filter traps 99.97% of particles as small as 0.3 microns.

##### Humidifying Function

Comfortable Humidity Indoors Keeps Your Skin and Throat Moisturized and Healthy.

HEPA Filter Deodorizing Filter

Pre-Filter

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## ENGLISH

### Unique Airflow

Powerful air suction and unique airflow quickly and efficiently collect dust and other particles.

Faster airflow at a 20° angle collects dust at lower levels in the room for more effective cleaning. Plasmacluster can remove static electricity and can thus prevent dust from attaching to walls and other surfaces.

#### Product information and accessories

Scan the QR code for more information about the Sharp Air Purifiers.

#### Please Read Before Operating Your Air Purifier

The air purifier draws in room air through the air inlet, circulates it through a Pre-Filter, a Deodorizing Filter and a HEPA Filter inside the product, and then discharges it through the air outlet. The HEPA Filter can remove 99.97% of dust particles as small as 0.3 microns that pass through the filter and also helps absorb odours. The Deodorizing Filter gradually absorbs odours as they pass through the filter. Some odours absorbed by the filters will break down over time, causing additional odours. Depending on usage conditions, and especially if the product is used in environments significantly more severe than a normal household, these odours may become noticeable sooner than expected. If these odours persist, replace the filters. When minerals in tap water adhere to the filters and become hard and white, they absorb odours in the room that can cause the emission of an unpleasant odour when the Humidifying Filter is dry. (Varies depending on water quality and other environmental factors) If this occurs, perform the Humidifying Filter maintenance. (Page 19)

NOTE · The air purifier is designed to remove air-suspended dust and the odours.

The air purifier is not designed to remove harmful gases such as carbon monoxide contained in cigarette smoke.

The air purifier may not completely remove an odour if the source of the odour is still present.

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## PART NAMES

### MAIN BODY

1

2 67

3 4

Unlocked

Locked

5 8

1 Operation Panel / Display 2 Main Body 3 Caster Wheels (4 Locations) 4 Caster Stopper (Right & Left) 5 Humidifying Tray 6 Humidifying Filter 7 Tray Handle 8 Humidifier Float 9 Air Outlet 10 Handle (2 Locations) Sensor Filter 11 Sensor (Internal) Sensitive Dust / Odour / Temperature / Humidity 12 HEPA Filter 13 Deodorizing Filter 14 Back Panel (Pre-Filter) 15 Air Inlet 16 Power Cord 17 Power Plug

9 10

16

11

12 13

### LIGHT SENSOR

When the Light Control (Display Brightness) is set to “Auto”, the Display and Cleanliness Indicator will automatically switch ON or OFF based on room brightness. (Page 15)

14

NOTE Detection range of Light sensor

Do not install the product in the following places. The Light Sensor may not sense correctly.

15

17

Directly under a

In shadow.

light fixture.

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### OPERATION PANEL / DISPLAY



8 – 18

7 \*3

6

5

4

3

21

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19

1 Light Sensor

2 Power ON/OFF Button

3 Mode Button, Lamps (White)

Clean Ion Shower Button, Lamp (White)

4 Child-Lock Button (Press 3 sec.) \*2

5 Wi-Fi Button

Switching Display Button

6 Filter Reset Button, Lamp (White) (Press 3 sec.) \*2

Display \*3

· Temperature Temperature 0 oC to 50 oC is displayed.

-1 oC or less

51 oC or more

· Humidity

Humidity 25 % to 75 % is displayed.

7

24 % or less

76 % or more

· PM2.5 Concentration \*4

PM2.5 10 g/m<sup>3</sup> (micrograms per cubic metre air) to 499 g/m<sup>3</sup> is displayed.

9 g/m<sup>3</sup> or less

500 g/m<sup>3</sup> or more

· Wattage Indicates wattage of current operation.

PM2.5 Indicator (White) 8 Indicates the Sensitive Dust Sensor detects microscopic dust.

Dust Indicator (White) 9 Indicates the Sensitive Dust Sensor detects usual dust.

Odour Indicator (White) 10 Indicates the Odour Sensor detects odours.

11 OFF Timer Indicator (White) \*1

12 ON Timer Indicator (White) \*1

13 Child-Lock Indicator (White)

14 Filter Maintenance Indicator (Orange)

15 Plasmacluster Ion Indicator (White)

Humidifying Indicator (White)

· Illuminates: Humidify ON

16 · OFF: Humidify OFF · Flashing: the product needs water (The indicator flashes for 10 minutes and then goes off.)

Wi-Fi Indicator (White) 17 Illuminates when air purifier is connected to a router.

Cloud Service Indicator (White) \*1 18 Illuminates when air purifier is connected to Sharp's cloud service.

Cleanliness Indicator

Indicates the air purity of the room in 5 levels with

colour changes.

19

Clean

Blue

Yellow (Flashing)

Impure

Red (Flashing fast)

\*1: The lamps of No. 11, 12 and 18 light up only when using the App.

\*2: Press and hold 3 seconds or longer. \*3: The displayed numbers are approximate. \*4: Particulate matter, particles with diameter of size 2.5 micrometres or less.

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## BEFORE FIRST USE FILTER INSTALLATION

- To maintain the quality of the filter, it is installed in the product and packaged in a plastic bag.
- Be sure to stop operation and unplug the product before filter installation or replacement.

1. Remove the Back Panel.

Back Panel

2. Take out the filters from the plastic bag.

4. Install the Back Panel.

Click

NOTE · If the Back Panel is not installed correctly,

” ” will be displayed and the operation will be stopped. (Page 22) · When replacing the filters, making a memo of the start of use date is recommended. · Do not operate the product without the filters.

3. Install the filters in the correct order as shown.

HEPA Filter Deodorizing Filter

Tag

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ENGLISH

## REFILLING THE HUMIDIFYING TRAY

- When humidifying, fill the Humidifying Tray with water.
- When not humidifying, discard the water in the Humidifying Tray.

3. Carefully install the Humidifying Tray.

1. Pull out the Humidifying Tray.

NOTE · When removing and installing the Humidifying Tray, be careful not to spill any water.

2. Fill the Humidifying Tray with tap water using method “A” or “B”. A

About Tray Handle

- When holding and carrying the Humidifying Tray, use tray handle Tray Handle
- When cleaning the Humidifying Filter, you can turn the Tray Handle down on its side.

- After cleaning, install the Tray Handle back in its original position.

B

NOTE · The Humidifier Float will float up when tray is filled with water.

- Slowly fill it with water to avoid splashing.
- Do not fill beyond the “FULL” indicator.
- When carrying the Humidifying Tray, hold it with both hands or grip the Tray Handle.
- Clean the Humidifying Tray if it becomes dirty or there is a noticeable odour.

NOTE · Return the Tray Handle to its original position before installing.

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## OPERATION

### Wi-Fi SETTINGS

#### BEFORE YOU BEGIN

- By connecting your air purifier with your smart device, you can use the air purifier more conveniently. Ensure your smart device is connected to a 2.4 GHz Wi-Fi Network. Wi-Fi Protected Setup (WPS) Access Point (Router)

- The recommended encryption method is WPA2 (AES).

Ensure your smart device meets minimum software requirements (as of September 2022):

- Smartphones / tablets of Android 8 or later · iPhones, iPod touch, iPads of iOS 12 or later Product Wi-Fi specifications · Wireless LAN: IEEE802.11b/g/n · Frequency range: 2.4GHz frequency band
- Trademarks · “Wi-Fi®” is a registered trademark of Wi-Fi Alliance®. · “Android” is the trademark of Google Inc. · “iPhone”, “iPod touch”, “iPad” are the registered trademarks or trademarks of Apple Inc. · The other company names, corporate names, product names mentioned in the handling instructions are trademarks and registered trademarks of each company.

2. Connect your smart device to the router and launch the App. Follow instructions on the App.

i. Review the “Privacy and Data Utilization Policy” and “Terms of Use”.

ii. Enter Your Date of Birth. iii. Sign in using your Sharp account (SHARP ID).

- If you do not have a SHARP ID, please register to create a SHARP ID.

iv. Enter a name for your smart device.

#### 2 CONNECTION OF THE AIR PURIFIER AND A ROUTER

NOTE · If you have stealth settings or MAC filtering

settings on the router, please cancel them. · The product network ID is displayed as “AP-SHARP-XX” (where XX is a 2-digit number below the product MAC address).

1. Tap ” ” at the upper left part of

the “Home” screen, and select “Pairing” “Connection with a router”.

## INITIAL SET UP

NOTE · When pairing the smart device to the air purifier, please ensure they are both connected to the same router.

### 1 DOWNLOAD & SIGN UP

1. Install the designated App to your smart device.

- Available to download from the Apple Store or Google Play.
- Scan the QR code on page 5 for product information.

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ENGLISH

2. Follow instructions on the App.

· If the Wi-Fi Indicator lights up after the notification sound, the connection is successfully completed.

Light up

Tap "NEXT".

### 3 CONNECTION BETWEEN THE AIR PURIFIER AND A SMART DEVICE

1. Tap "Pair" for the air purifier you would like to pair.

(MODEL NAME)

· If you do not see the screen above, tap " " at the "Home" screen, and select "Pairing" "Already connected with a router".

2. Follow instructions on the App.

· If the Wi-Fi Indicator lights up after the notification sound, the connection is successfully completed.

Light up The INITIAL SET UP is completed.

How to set Wi-Fi ON / OFF after completing the INITIAL SET UP

If you would like to turn the Wi-Fi OFF:

Goes off

Press for 3 sec.

NOTE · Turning the Wi-Fi off will result in not being able to control the air purifier with the designated App.

If you would like to turn the Wi-Fi ON again :

(How to restore the Wi-Fi connection to the original network.)

Press for 3 sec. The Wi-Fi Indicator will flash after you press the Wi-Fi Button. And within about 3 minutes, you will hear four short beeps. Some time after this beep sounds, the Wi-Fi Indicator lights up and the Wi-Fi connection will be restored to the original network. The designated App can now be used again to control the Air Purifier.

NOTE · Wi-Fi ON / OFF can also be set from

" : Wi-Fi adapter ON/OFF". (Page 14, 16) In this case, Wi-Fi connection with the router will be automatically restored.

· Reconnection to the Wireless Router may take a few minutes to complete, after turning Wi-Fi on again.

EN-11

START/STOP

START

STOP

NOTE

· When the product starts operation, the operation starts in the previous mode it was operated in.

### CLEAN ION SHOWER MODE

The product releases Plasamcluster ions at max air flow for 10 minutes. After that, the air purifier operates for 50 minutes on high fan speed.

NOTE · When the operation finishes after 60 minutes,

the product will return to the prior operation mode. It is able to change to other modes during this operation. · The Plasmacluster ion cannot be turned "OFF".

SELECT AIR VOLUME AND MODE

AUTO

POLLEN  
SLEEP  
LOW  
MED  
MAX  
AUTO:

The fan speed is automatically controlled depending on the six detections. (PM2.5 / Usual dust / Odour / Temperature / Humidity / Light)

POLLEN:

The Sensitive Dust Sensor sensitivity is automatically increased and the Sensitive Dust Sensor quickly detects impurities such as dust and pollen and cleans the air powerfully.

SLEEP:

The product will operate quietly, and the fan speed will automatically switch depending on the amount of impurities in the air and room brightness. When the Light Control is set to "Auto", the Display and Cleanliness Indicator will automatically go off.

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ENGLISH

SWITCH DISPLAY

Humidity  
Temperature  
PM2.5 Concentration  
Wattage

CHILD LOCK

The operation panel will be locked.

(with the product ON or OFF)

ON

CANCELLATION

Goes off

Press for 3 sec.

Press for 3 sec.

NOTE

· It is possible to turn Wi-Fi off while in Child Lock Mode.

WEEKLY SCHEDULER: APP ONLY

ON TIMER:

You can set a weekly scheduler for the air purifier to start a specific mode on a specific day and time. The ON Timer Indicator will turn on while there is a schedule set.

OFF TIMER:

You can set a weekly scheduler for the air purifier to stop operation on a specific day and time. The OFF Timer Indicator will turn on while there is an schedule set.

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## HOW TO CHANGE VARIOUS SETTINGS

· You can change the product and Wi-Fi functions on page 15 – 18.

1. Turn the product OFF.

2.

Press for 3 sec.

When Wi-Fi setting Change “F” to “A”.

Product setting

Wi-Fi setting

4. When Wi-Fi setting

Refer to page 16 – 18 for the detail of each functions.

When Product setting Select “Setting number (01 – 03)” on page 15.

Go Forward

Go Back

or

Set

Set

Product setting

Wi-Fi setting

3. Select “Function number (F1-F7 or A1-A8)” on page 15 – 18.

Go Forward

Go Back

or

Product setting

Wi-Fi setting

Set

5. Finish the setting.

Goes off

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ENGLISH

## PRODUCT FUNCTIONS (F1-F7)

Function

Light Control

You can select the brightness of the Display and Cleanliness Indicator.

Plasmacluster Ion ON/OFF

Setting

OFF

When set to "OFF", the "Dim" light illuminates for 8 seconds after operation starts and then the light goes off.

However, some indicators that need notification will remain dim.

Dim

Auto (default)

Light automatically switches ON or OFF based on room brightness.

· Room is bright: light is ON · Room is dark: light is OFF Even though room is bright, the light will turn off when operating in sleep mode.

OFF

ON (default)

Auto Restart

If the product is unplugged or if there is a power failure, the product will resume operation with the previous settings after power is restored.

Adjusting sensor sensitivity (F4 – F6)

Light Sensor

Sensitive Dust Sensor

Odour Sensor

Sound Indicator Setting

You can set the product to make a beeping sound when the Humidifying Tray is empty.

Cancellation ON (default)

Low Standard (default) High Cancellation (default) ON

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## Wi-Fi FUNCTIONS (A1-A8)

Function

Setting

1. Select " " by following Steps 1 – 3 on page 14.

2. Press "Clean Ion Shower" Button to select Setting " " or " ".



Wi-Fi OFF

Wi-Fi adapter ON/OFF

3. Complete

Wi-Fi ON

NOTE · When Setting number (” ” or ” “) is changed, the square rotates on the display until the setting is completed. When setting is completed, ” ” is displayed.

Wi-Fi connection with a router (with the WPS Button)

1. Select ” ” by following Steps 1 – 3 on page 14.
2. After ” ” is displayed, press the WPS (Wi-Fi Protected Setup) Button of the router.

Light up

Blink

weak

strong

Once connected, receiver level will be displayed. A connection error is occurring if ” ” is displayed. Please confirm that the router is operating correctly and try again.

3. Complete

Initialization of Wi-Fi function

1. Select ” ” by following Steps 1 – 3 on page 14.
2. After ” ” is displayed press “Mode” Button. An error is occurring if ” ” is displayed. Please try again.

Initializing Complete

3. Complete

Blink

NOTE · Please delete the device registration from the App when initializing the air purifier which is already connected to the Wi-Fi.

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ENGLISH

Function

Confirmation of MAC address

Setting

1. Select " " by following Steps 1 – 3 on page 14. 2. Press "Clean Ion Shower" Button to display MAC address. For example: In case MAC address is "12:34:56:AB:CD:EF".
3. Complete

#### Display Wi-Fi network status

1. Select " " by following Steps 1 – 3 on page 14. 2. After displaying " " for a few seconds, network status of Wi-Fi adapter will be displayed.

Connection is stable

Wi-Fi adapter is off Please turn on Wi-Fi adapter.

Router is not registered Please perform the Wi-Fi connection with the router.

Link settings with the App is not performed Please perform the link setting with the smart device.

Wi-Fi adapter network error Please turn off Wi-Fi adapter and turn on again after a while.

Network error between the air purifier and the router Please confirm the network status of the router.

Network service error Please turn off the air purifier and confirm the internet status, then try again.

3. Complete

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##### Function

Wi-Fi connection with a router (without the WPS Button) – AP (Access Point) mode –

##### Setting

1. Select " " by following the Steps 1 – 3 on page 14. 2. Perform Wi-Fi connection of the air purifier and the router based

on the App screen.

Refer to the App for further operations. " " and " " blinks while setting the connection between the product and the router.

weak

strong Light up

Once connected, receiver level will be displayed.

A connection error is occurring if " " and try again.

" " is displayed. Please confirm the router

#### CARE AND MAINTENANCE

##### CARE

- To maintain optimum performance of this air purifier, please clean the product including the filter periodically.
- Be sure to stop operation and unplug the product before any maintenance or replacing accessories.

## FILTER MAINTENANCE INDICATOR

When the cumulative operation period or the water containing period is more than approximately 720 hours, the Filter Maintenance Indicator will turn on.

- It will not calculate the time when the product is unplugged.
- 30 days × 24 hours = 720 hours

This is a reminder to perform the maintenance described Humidifying Filter and Tray, Main Body, Back Panel, and Sensors.

After maintenance, connect the power plug to the wall outlet and press Power ON/OFF Button, then press and hold the Filter Reset Button for 3 seconds to reset the Filter Maintenance Indicator.

Place

Page

1 Humidifying Filter / Humidifying Tray 19

2 Back Panel / Sensor Filter

20

3 Main Body

20

4 HEPA Filter / Deodorizing Filter

21

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Goes off

Press for 3 sec.

ENGLISH

HUMIDIFYING FILTER / HUMIDIFYING TRAY

REPLACEMENT AND MAINTENANCE CYCLE

Parts Name

Maintenance Cycle

Max Service Life Replacement Filter Model

Humidifying Filter

When odour emanates from the air outlet, or once a month.

5 years\*1

UZ-KCP1MF

\*1: Designated App notifies when each replacement part should be replaced according to usage.

## MAINTENANCE

1. Remove the Humidifying Filter and Tray.

2. Rinse with plenty of water.

· Do not remove the Humidifier Float. If it comes off, refer to page 20.

· Refer to page 20 for how to clean the Humidifying Filter when it is very dirty.

3. Attach the Humidifying Filter and Tray.

· After maintenance, correctly reattach the parts.

Humidifier Float

## REPLACEMENT

See this page for directions on how to install the filter when replacing.

· Please consult your dealer for purchase of replacement filter. · Use only filter designed for this product. · Scan the QR code on page 5 for product information and accessories.

When replacing the filter, making a memo of the start of use date is recommended.

UZ-KCP1MF (1 unit)

## Disposal of Filters

Please dispose of the replaced filter according to the local disposal laws and regulations. Humidifying Filter materials: Polyester, Rayon

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NOTE How to Clean Hard-to-Remove Dirt.

Mild Kitchen Detergent

Citric Acid

(only Humidifying tray)

(available at some drugstores)

1. Fill the tray half-way with 2 1/2 cups of water.

2. Add a small amount of 1 mild kitchen detergent.

100% Bottled Lemon Juice with No Pulp

3 cups of water

Soak for 30 minutes.

2

3 teaspoons

1/4 cup

Soak for 30 minutes.

(When using lemon juice as your descaling solution, allow for more soak time.)

3

Rinse off the mild kitchen detergent or the descaling solution with clean water.

#### NOTE

How to install the Humidifier Float.

1. Insert the Humidifier Float under this tab.

Tab Humidifier Float

Cross-Section view

2. Insert the tab of the Humidifier Float into the hole.

3. Insert the tab on the other side of the Humidifier Float into the hole.

#### MAIN BODY / BACK PANEL / SENSOR FILTER

Wipe with a dry, soft cloth.

Remove the dust gently with a cleaning tool such as a vacuum cleaner.

Back Panel (Pre-Filter)

NOTE How to Clean Hard-to-Remove Dirt.

Back Panel

Back Panel

1. Add a small amount of mild kitchen detergent to water and soak for about 10 minutes.

2. Rinse off the mild kitchen detergent with clean water.

3. Completely dry the filter in a well vented area.

Sensor Filter

1. Remove the Back Panel. 2. Remove the Sensor Filter. 3. If the Sensor Filter is very dirty, wash it with water and dry it thoroughly.

Sensor Filter

#### NOTE

· Do not apply excessive pressure when scrubbing the Back Panel.

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ENGLISH

## HEPA FILTER / DEODORIZING FILTER

### REPLACEMENT AND MAINTENANCE CYCLE

Filter Name

Maintenance Cycle

Max Service Life Replacement Filter Model

HEPA Filter Deodorizing Filter

Whenever dust accumulates, when odour emanates from the air outlet, or once a month.

10 years\*1, 2

UZ-KCP1HF UZ-KCP1DF

\*1: According to Japan Electric Manufacture's Association JEM 1467, the Max service life is based on the equivalent condition of the smoke from 5 cigarettes per day whereby the dust collection/deodorization power is reduced by half compared with that of new filter. It is recommended to replace the filter more frequently under more severe conditions.

\*2: Designated App notifies when each replacement part should be replaced according to usage. Filter life varies depending on the room environment, usage conditions, and location of the product. We recommend replacing the filter more frequently if the product is used in conditions significantly more severe (PM2.5 etc.) than a normal household.

### MAINTENANCE

Remove the dust on the filters.

NOTE · Do not wash the filters. Do not expose to sunlight.  
(Otherwise these filters may lose efficacy.)

### HEPA FILTER

Tag

Maintain and clean only the tagged surface. Do not clean up the opposite surface. The filter is fragile, so be careful not to apply too much pressure.

### DEODORIZING FILTER

Both surfaces can be maintained and cleaned. The filter is fragile, so be careful not to apply too much pressure.

Some odours absorbed by the filters will break down over time, causing additional odours. Depending on usage conditions, and especially if the product is used in environments significantly more severe than a normal household, these odours may become noticeable sooner than expected. Replace the filter in those cases or if dust is unable to be removed after maintenance.

### REPLACEMENT

See page 8 for directions on how to install the filter when replacing.

- Please consult your dealer for purchase of replacement filter.
- Use only filter designed for this product. · Scan the QR code on page 5 for product information and accessories.

When replacing the filters, making a memo of the start of use date is recommended.

UZ-KCP1HF (1 unit)

UZ-KCP1DF (1 unit)

#### Disposal of Filters

Please dispose of the replaced filter according to the local disposal laws and regulations. HEPA Filter materials: Polypropylene, Polyethylene Deodorizing Filter materials: Polypropylene, Polyester, Activated carbon

NOTE · Do not wash and reuse replaced filter.

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## TROUBLESHOOTING

- Before calling for service, please review the Troubleshooting list below, since the problem may not be the product malfunction.

### ABOUT THE PRODUCT

Filter Maintenance Indicator is on.

- Whenever after performing maintenance or replacing the Humidifying Filter, connect the power cord to an outlet and then press the Filter Reset Button for more than 3 seconds. (Page 18)
- The Display goes off.

Odour and smoke persists.

- Check the filters. If they appear to be extremely dirty, clean or replace them.

Air discharged from the product has an odour.

- Check to see if the filters are extremely dirty. · Clean or replace the filters. · Use only fresh tap water. Using other water sources risks the growth of mold, fungi, or bacteria.

The product does not operate when cigarette smoke is in the air.

- Make sure the product is installed in a location in which the sensors can detect cigarette smoke.
- Check to see if the Sensitive Dust Sensor openings are blocked or clogged. If they are blocked or clogged, clean the Sensor Filter or the Back Panel.

Smell from a new product and/or filter.

- Immediately after removing the plastic bag, a slight odour may occur. This odour is not harmful for filter performance or human exposure.

The product makes a clicking or ticking sound.

- The product may make clicking or ticking sounds when it is generating ions.

The Cleanliness Indicator is blue even when the air is not clean.

- When the Light Control is set to "Auto", the light automatically turns off when the room is dark or operating in sleep mode. Moreover, when the Light Control is set to "OFF", the light is always off. If you do not want the light to be off, set the Light Control to the "Dim" setting. (Page 14, 15)

The Display does not match weather report or another hygrometer or thermometer in the room.

- Outdoor and indoor as well as the home environment (the volume of traffic nearby, number of stories in home, etc.) may cause a reading different than those data.
- There is a difference in the level within the same room.

The Humidify Indicator on the Display does not light up when the Humidifying Tray is empty.

- The room has reached the appropriate level of humidity and has stopped humidifying.

· Check the Humidifier Float for impurities. Clean the Humidifying Tray. Make sure that the product is on a level surface.

The water level in the Humidifying Tray does not decrease or decreases slowly.

· Check to see if the Humidifying Tray is correctly installed.

· Check the Humidifying Filter. If the filter is extremely dirty, clean or replace it.

· The air may have been dirty when the product was plugged in. Unplug the product, wait one minute, and then plug the product in again.

The Cleanliness Indicator is red even when the air is clean.

· Dirty or clogged Sensitive Dust Sensor openings interfere with sensor operation. Gently clean the Sensor Filter or the Back Panel.

The Cleanliness Indicator changes colour frequently.

· The Cleanliness Indicator automatically changes colour when the Sensitive Dust Sensor and Odour Sensor detect impurities. If you are concerned about the change, you can change sensor sensitivity. (Page 14, 15)

” ” is displayed. · If the Back Panel is not installed correctly,

” ” will be displayed and the operation will be stopped.

After installing the Back Panel correctly, press the Power ON / OFF Button to cancel the ” ” display. One of the following is displayed.

· Unplug the product, wait one minute, and then plug the product in again.

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ENGLISH

## ABOUT THE Wi-Fi FUNCTION

Wi-Fi connection of the air purifier and the router cannot be performed.

· Check the specifications of the router in use.

· Adjust the router and antenna direction, move the router and antenna closer, and so on. After that, reswitch to turn on the router and perform the INITIAL SET UP again.

The connection between the air purifier and your smart device cannot be established.

· Are the air purifier and your smart device connecting to the same router? Connect the air purifier and your smart device to the same router. If you still can't connect, try connecting your smart device to the 2.4GHz band of the router.

· Is the total number of smart devices being in use exceeding the maximum number for registration on one air purifier? The maximum number of smart devices that can be registered on one air purifier is 10.

· Is the total number of products (air conditioners, air purifiers, etc.) to be registered with one smart device exceeding the maximum designated number? The maximum number of products to be registered with one smart device is 30.

Remote operation from a smart device cannot be performed.

· Is the Wi-Fi Indicator of the air purifier on? If the Wi-Fi Indicator is off, please perform “A1: Wi-Fi adapter ON/OFF” to turn on the product Wi-Fi. (Page 16)

· Have the connection between the air purifier and your smart device been completed? Set up the connection between the air purifier and your smart device. (Page 11)

When changing the router

· It is necessary to reconnect the air purifier to the router. 1. Hold down the “Wi-Fi” Button for 3 seconds to stop the Wi-Fi function. 2. Perform “INITIAL SET UP: 2 Connection of the air purifier and a router”. (Page 10)

When changing the smart device

· Perform the following steps. 1. Delete the registration of the old smart device from designated App. 2. Use the new smart device to perform “INITIAL SET UP: 1 Download & Sign up, and 3 Connection between the air purifier and a smart device”. (Page 10, 11)

When going to dispose or hand over the air purifier

· Perform the following steps, to prevent leak of personal information. 1. Delete the registration of the air purifier from designated App. 2. Perform “A4: Initialization of Wi-Fi function”. (Page 16)

In case of being handed over from a third party



- To prevent unauthorized access from a third party, perform “A4: Initialization of Wi-Fi function”. (Page 16)
- Wi-Fi Indicator blinks slowly
- It is one of the following status. A. The Wi-Fi connection of the air purifier and a router is in setup. B. The connection of the air purifier and a smart device is in setup. C. The software for the Wi-Fi function in the air purifier is being updated.
- Wi-Fi Indicator blinks fast
- Network error. Please confirm the Wi-Fi network status from “A7: Display Wi-Fi network status”. (Page 17)
- Wi-Fi Indicator goes off
- The air purifier cannot connect to the router. Check the following. A. Is the power plug correctly connected? B. Has the Wi-Fi function been stopped? Confirm the Wi-Fi network status from “A7: Display WiFi network status”. (Page 17)
- One of ” ” to ” ” cannot be selected in the Wi-Fi setting mode. (Page 16 – 17)
- If the Wi-Fi adapter is off, one of “A2” to “A6” may not be selectable.

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## SPECIFICATIONS

Model

Power supply

Fan Speed Adjustment Fan Speed (m<sup>3</sup> / hour)

CLEAN AIR

Rated Power (W) Noise Level (dBA) \*1

CLEAN AIR &  
HUMIDIFY

Fan Speed (m<sup>3</sup> / hour) Rated Power (W)  
Noise Level (dBA) \*1 Humidification (mL / hour) \*2

Standby power (W)

Recommended Room Size (m<sup>2</sup>) \*3 High density Plasmacluster ion recommended  
room size (m<sup>2</sup>) \*4 Humidifying Tray Capacity (L)

Sensors Filter Type Cord Length (m) Dimensions (mm) Weight (kg)

MAX 600 79 53 600 79 53 320

UA-KCP100E 220-240 V ~ 50-60 Hz

MED 324 20 39 324 20 39 190 1.6 (When Wi-Fi adapter is ON.) 1.2 (When Wi-Fi adapter is OFF.) ~ 75

LOW 108 5.5 21 108 5.5 21 70

~ 30

Approx. 2.0 Sensitive Dust / Odour / Light / Temperature / Humidity

HEPA\*5 / Deodorizing / Humidifying 2.0

402 (W) × 315 (D) × 727 (H) Approx. 10.1

- \*1 · Noise level is measured based on the JEM1467 standard of the Japan Electrical Manufacturers' Association.
- \*2 · The amount of humidification changes in accordance with indoor and outdoor temperature and humidity. The amount of humidification increases as temperatures rises or humidity decreases. The amount of humidification decreases as temperatures decrease or humidity rises.
- Measurement Conditions: 20 °C, 30 % humidity (according to JEM1426).
- \*3 · The recommended room size is appropriate for operating the product of maximum fan speed. · The recommended room size is an area in which a given amount of dust particles can be removed in 30 minutes (according to JEM1467).
- \*4 · Room size in which approximately 7000 ions per cubic centimetre can be measured in the centre of the room when the product is placed next to a wall, is running at MED mode settings, and is at a height of approximately 1.2 metres from the floor.
- \*5 · The filter removes more than 99.97% of particles at least 0.3 microns in size (according to JEM1467).

**Standby Power** When the product's power plug is inserted in a wall outlet it consumes standby power in order to operate electrical circuits. To conserve energy, unplug the power cord when the product is not in use.

## INTELLECTUAL PROPERTY RIGHTS FOR THIS PRODUCT

**Software structure** Software installed in this product is structured with multiple independent software components, each of them has our or third-party's copyright. Software of our development and free software Among the software components of this product, for software we developed or created and incidental documents has our copyright. And they are protected by copyright law, international regulation and other related laws. Also this product uses software components distributed as free software with third-party's copyright. Obligation of license indication Some software components installed in this product are required to indicate the license by those copyright holders. License indications of such software components can be found at the following URL:

<https://www.sharpconsumer.com/intellectual-property/>

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## ENGLISH

**Attention:** Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

### A. Information on Disposal for Users (private households)

#### 1. In the European Union

**IF YOU WISH TO DISPOSE OF THIS EQUIPMENT, DO NOT USE THE ORDINARY WASTE BIN, AND DO NOT PUT THEM INTO A FIREPLACE!** Used electrical and electronic equipment should always be collected and treated **SEPARATELY** in accordance with local law. Separate collection promotes an environment-friendly treatment, recycling of materials, and minimizing final disposal of waste. **IMPROPER DISPOSAL** can be harmful to human health and the environment due to certain substances! Take **USED EQUIPMENT** to a local, usually municipal, collection facility, where available. If in doubt about disposal, contact your local authorities or dealer and ask for the correct method of disposal. **ONLY FOR USERS IN THE EUROPEAN UNION, AND SOME OTHER COUNTRIES; FOR INSTANCE NORWAY AND SWITZERLAND:** Your participation in separate collection is requested by law. The symbol shown above appears on electrical and electronic equipment (or the packaging) to remind the users of this. Users from **PRIVATE HOUSEHOLDS** are requested to use existing return facilities for used equipment. Return is free of charge. If the equipment has been used for **BUSINESS PURPOSES**, please contact your **SHARP** dealer who will inform you about take-back. You might be charged for the costs arising from take-back. Small equipment (and small quantities) might be taken back by your local collection facility. For Spain: Please contact the established collection system or your local authority for take-back of your used products.

#### 2. In other Countries outside the EU

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal. For Switzerland: Used electrical or electronic equipment can be returned free of charge to the dealer, even if you don't purchase a new product. Further collection facilities are listed on the homepage of [www.swico.ch](http://www.swico.ch) or [www.sens.ch](http://www.sens.ch).

### B. Information on Disposal for Business Users.

#### 1. In the European Union

If the product is used for business purposes and you want to discard it: Please contact your SHARP dealer who will inform you about the take-back of the product. You might be charged for the costs arising from take-back and recycling. Small products (and small amounts) might be taken back by your local collection facilities. For Spain: Please contact the established collection system or your local authority for take-back of your used products.

## 2. In other Countries outside the EU

If you wish to discard of this product, please contact your local authorities and ask for the correct method of disposal.

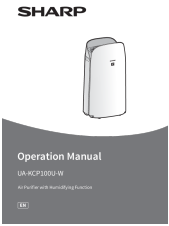
Hereby, Sharp declares that this equipment is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU. The full text of the EU declaration of conformity is available by following the link [www.sharpconsumer.com/documents-of-conformity/](http://www.sharpconsumer.com/documents-of-conformity/)  
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SDA/MAN/0248

TINS-B455KKRZ 22H 1  
FACTORY USE ONLY

Sharp Consumer Electronics Poland sp. z o.o. Ostaszewo 57B, 87-148 Lysomice, Poland SHARP  
CORPORATION OSAKA, JAPAN  
SDA/MAN/0248  
[www.sharpconsumer.eu](http://www.sharpconsumer.eu)

## Documents / Resources

	<p><a href="#">SHARP UA-KCP100U-W Air Purifier with Humidifying Function</a> [pdf] Instruction Manual UA-KCP100U-W Air Purifier with Humidifying Function, UA-KCP100U-W, Air Purifier with Humidifying Function, Purifier with Humidifying Function, Humidifying Function</p>
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## References

- [SENS eRecycling – Stiftung für Recycling von Elektro- und Elektronikgeräten](#)
- [Sharp Consumer Products Europe - Sharp Europe](#)
- [Sharp Consumer Products Europe - Sharp Europe](#)
- [Swico - Der Wirtschaftsverband für die digitale Schweiz](#)
- [Mobile applications - Intellectual property rights - Sharp Europe](#)