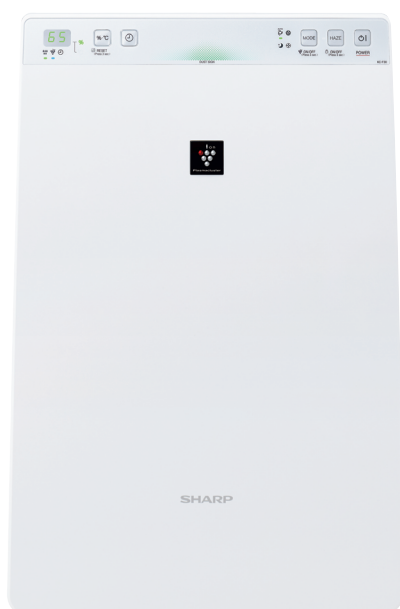


# KC-F32EUW

Basic air purifier model with original humidifying system and HEPA filter



## Key parameters

- Humidifying
  - Humidifying system – natural evaporation process
  - Container capacity (Liter) – 1.8
  - Humidifying capacity (ml/hour) – 350
- Recommended area
  - Air purification (m<sup>2</sup>) – 21
  - Humidification (m<sup>2</sup>) – 16
- Power input (W)  
(Max / Med / Low)
  - Without humidifying – 27 / 12 / 4.1
  - With humidifying – 27 / 12 / 4.1
- Airflow (max. / med. / low) (m<sup>3</sup>/hour)
  - Without humidifying – 180 / 125 / 52
  - With humidifying – 180 / 125 / 52
- Noise level (Max / Med / Low) (dB)
  - Without humidifying – 48 / 38 / 21
  - With humidifying – 48 / 38 / 21

## Main features and functions

- Color – W (white)
- Recommended area for high-density Plasmacluster ions m<sup>2</sup>: 17
- Modes – Max/ Med/Auto/Night
- Voltage/frequency (V, Hz): 220-240 V, 50/-60 Hz
- Standby power (W): 0.9
- Inverter operation – Yes
- Special programs – smog removal (E) / dust removal (Y) / purifying ions mist (TA)
- Automatic restart
- Timer – Yes
- Filter type
  - Dust collection – HEPA
  - Deodorizing
  - Pre-filter
  - Humidifying
- Filter life
  - Dust removal – up to 2 years
  - Odor absorption - up to 2 years
  - Humidification – do 5 lat
- Sensors
  - Dust
  - Temperature and humidity
- Pollution monitor – 3 levels
- Button controlling brightness of the indicators - bright/off
- Power cord (m) – 2.0, type C (2-pin)
- Dimensions (W x H x D) (mm): 380 x 570 x 197
- Net weight (kg): 7.2

## Consumables

Models	
<b>FZ-F30HFE</b>	HEPA filter
<b>FZ-F30DFE</b>	Deodorizing Filter
<b>FZ-F30MFE</b>	Humidifying Filter

# KC-F32EUW



## Purify Air with the Same Ions As in Nature

### Plasmacluster – Only from SHARP

Plasmacluster ions are positive and negative ions that occur in nature. Plasmacluster is air-purifying technology. Its effectiveness has been supported by test data, and Plasmacluster is thus increasingly finding applications in various areas of activity, such as in businesses, in addition to household use. Plasmacluster provides you with natural and safe air. This unique technology from Sharp applies the power of nature.

## SHARP's Original Technology

Plasma discharge generates and emits the same positive and negative ions that occur in nature. Plasmacluster technology is Sharp's original air purifying technology that removes airborne mold and viruses.

### Winner of the 2008 Invention Prize

National Invention Awards Ceremony held by the Japan Institute of Invention and Innovation (JIII)

Patented by Sharp (patent number 3680121)



## Assured Safety

GLP\*-compliant test facilities have gathered highly reliable safety data on Sharp's Plasmacluster technology.

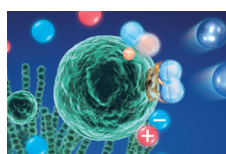
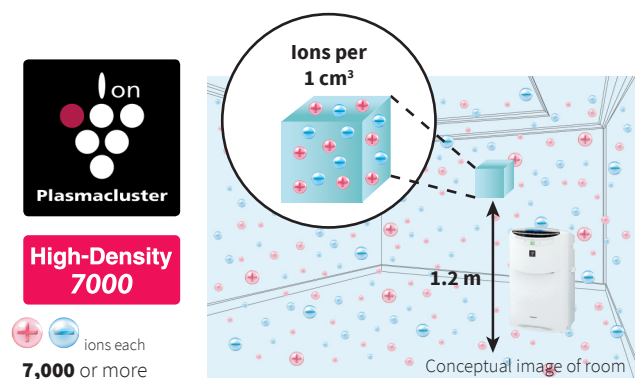
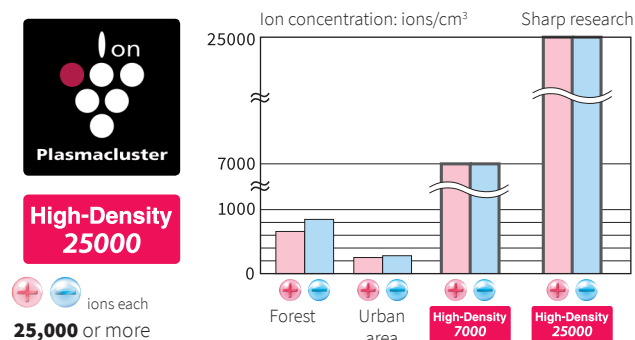
\* GLP (good laboratory practice) is a system of management controls for test facilities and test procedures designed to ensure the reliability of chemical safety assessment tests. Testing institution: LSI Medience Corporation

Purpose	Test name (abbreviation)	Ion density setting
Skin irritancy (general condition)	Acute skin irritation/corrosion	Approx. 1,000,000 ions/cm <sup>3</sup>
Eye irritancy (general condition)	Acute eye irritation/corrosion	Approx. 13,000,000 ions/cm <sup>3</sup>
Gene toxicity (general condition)	Inhalation toxicity (evaluation of genetic effect on pulmonary tissue)	Approx. 7,000,000 ions/cm <sup>3</sup>
Body and organ toxicity (general condition)	Inhalation toxicity	Approx. 7,000,000 ions/cm <sup>3</sup>
Pregnant woman and fetus toxicity (general condition)	Inhalation toxicity	Approx. 7,000,000 ions/cm <sup>3</sup>

## The Same Safe Ions As in Nature

The safety of Plasmacluster ions has been verified, and so a high density of ions can be used. With more positive and negative ions in a room than even in a forest, Plasmacluster provides an environment of even greater effectiveness.

Numbers of  $\oplus$  and  $\ominus$  ions per 1 cm<sup>3</sup> when measured near the center of a room (at a height of 1.2 m from the floor) with the product placed at a wall:

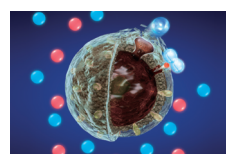


### Removal of Airborne Mold

Result after approx. 49 minutes in a testing space of approx. 25 m<sup>3</sup>.

High-Density 25000

High-Density 7000

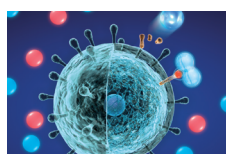


### Suppressing the Activity of Airborne Microbe

Result after approx. 51 minutes in a testing space of approx. 25 m<sup>3</sup>.

High-Density 25000

High-Density 7000



### Reducing Growth of Adhering Mold

Result after approx. three days (one day as 24 hours) in a testing space of approx. 20 m<sup>3</sup>.

High-Density 25000

High-Density 7000



### Suppressing the Activity of Airborne Allergens from Dust Mite Feces and Remains

Result after approx. 51 minutes in a testing space of approx. 25 m<sup>3</sup>.

High-Density 25000

High-Density 7000

### Reducing Growth of Adhering Mold

Result after approx. three days (one day as 24 hours) in a testing space of approx. 20 m<sup>3</sup>.

High-Density 25000

### Suppressing the Activity of Adhering Viruses

Result after approx. 10 minutes in a testing space of approx. 25 m<sup>3</sup>.

High-Density 25000

# KC-F32EUW

## Technology and unique solutions



**Plasmacluster** – certified method of generating heavy ions into the air (elimination of viruses, bacteria, allergens and fungi); a natural air purifying system. The effectiveness of this unique solution developed by Sharp in 2000 has been confirmed with over 90 patents.



**British Allergy Foundation (BAF)** – Allergy UK works with manufacturers throughout the world to test and promote products and devices that can benefit those suffering from allergies. All products labelled with the BAF logo have been scientifically tested. All product tests and evaluations are carried out by Allergy Research Limited.

**Auto Louver** – automatic closing of the shutter when the device is turned off to keep the inside of the device clean.

**Auto Restart** – once power has been restored after power failure, the device continues working in the latest mode.

**Child lock** – control panel can be locked.

**Monitor function** – during operation, the sensor detects if it is necessary to address the temperature and humidity in the room, signalling it with the indicator light. The monitoring function detects “low humidity and temperature” and “high humidity and temperature”.

**Intelligent Mode** – intelligent purification and humidification mode based on information provided by 6 sensors - 7 indications: PM2.5, dust, unpleasant odour, temperature, humidity, light sensor, motion sensor.

**Ion Shower** – an intensive purifying programme that can be used for preparing the bedroom before going to sleep.

**Pollen** – anti-allergy mode based on high-density ion beams (Plasmacluster HD7000).

**Timer ON/OFF** – the device can be programmed to be temporarily switched on or off

**Tryb Spot** – a separate horizontal and adjustable air exhaust can be used removing unpleasant odours and bacteria from the closet.



**Floating air humidification system with water-immersed filter. Water tank can be filled with tap water.** Humidifying filter is immersed in water and the proper level of humidity is regulated by the air blow controlled by the sensors measuring temperature and humidity level in the room.

# KC-F32EUW

## Easy to use

Timer provides comfort. You can set the timer to 1, 2, 4 or 8 hours.

Detailed information about the level of pollution and humidity in the room.

**Pollution indicator**  
Three-color indicator informs about the air quality in the room.

**Clean**

**Green** [Green bar]

**Orange** [Orange bar]

**Red** [Red bar]

**Polluted**

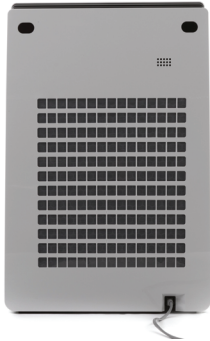
## Unique design



Front



Side-view



Rear-view



Control panel



Set of filters supplied



Humidifying filter