SHARP

Be Original.

Air purifying solutions with PLASMACLUSTER Technology.

Plasmacluster supports your business by solving a wide variety of issues in workplaces, schools, restaurants and hospitals requiring high standards and quality in their environment and sanitation.

When it comes to leading a healthy lifestyle, breathing clean and hygienic air is crucial. However, due to increasing pollution this can often be a difficult task, even while indoors. Airborne micro-organisms and viruses are often found in higher concentrations in indoor air, meaning that you are just as much at risk. Therefore, effective air purifying solutions are now a necessity, not a choice.

Sharp air purifying solutions take care of indoor air quality in multiple settings such as homes, offices, hospitals, restaurants and more. Designed to easily fit the individual needs of different application areas, all air purifying solutions from Sharp come loaded with certified Plasmacluster Technology for clean, pollutant free air in every setting.

Plasmacluster technology removes bacteria, viruses, fungus, molds and other toxic contaminants from the air. They also remove any unpleasant odour, static electricity and help maintain the right moisture level in rooms.

FU-551K

This model of Commercial Air Purifier with Plasmacluster Technology can either be mounted on a wall or placed on a shelf (with optional stand)

ADVANTAGES

1. Generates high-density Plasmacluster ions
2. 3 way airflow for maximum efficiency
3. The unit does not occupy floor space

SPECIFICATIONS

MODEL NAME		FU-551K
Color		White
Recommended air purifying area*1		40 m^2
Recommended area for high-density Plasmacluster ions*2		25 m^2
Operation modes		Full / Max / Med / Low
Ion density (Max / Low) (ions/cm^3)*3		Approx. 25,000 / Approx. 7,000
Voltage / frequency		220 V-240 V, 50/60 Hz
Rated power (Full / Max / Med / Low) (W)		78 / 24 / 13 / 6.5
Clean air (Fan speed) (Full / Max / Med / Low) (m^3/hour)		330 / 180 / 120 / 65
Noise level (Full / Max / Med / Low) (dB)		53 / 42 / 35 / 25
Filter type	Dust collection	HEPA (H14)
	Deodorization	Active Carbon Filter
	Pre-filter	Front & Bottom
Filter life	HEPA	Up to 2 years#
	Active Carbon Filter	Up to 2 years#
Sensor	Odour	Yes
	Dust	Yes
Clean sign indicator		Yes (3-steps)
Power cord length (m)		2.0
Dimensions (W × H × D) (mm)		650 x 440 x 178
Weight (kg)		9.1

Approx. room size*1
- Air purification
- Approx. 40 m2

Approx. room size*2
- High-density Plasmacluster ions
- Approx. 25 m2

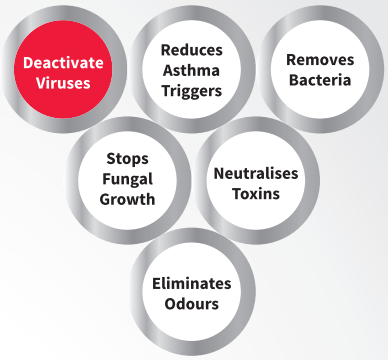
Plasmacluster ion density*3
- Airflow: Max Approx. 25,000 ions/cm3
- Airflow: Low Approx. 7,000 ions/cm3

The Filter life may vary according to use and environment conditions

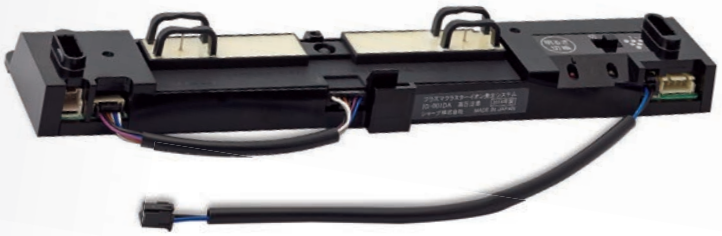
FEATURES

- Incorporates a high-performance HEPA filter that can collect 99.97% of dust particles, including the 0.3 microns (available with FU-551K)
- Deactivates/removes various airborne molds, bacteria and viruses
- Eliminates static electricity and prevents dust and pollen from clinging onto furnitures and fixtures
- Reduces the lingering unpleasant odours from food and cigarette smoke

PLASMACLUSTER TECHNOLOGY
Air as Natural as Nature



IG-001DCT



IG-001DDT

IG-001DCT

This Plasmacluster Ion Generator model is installed inside the air supply ducts.

ADVANTAGES

1. The unit does not occupy expensive floor space and interfere with the décor
2. Can be used in various multiples and combinations and can purify upto 70 sq. meter, with a single master unit and 7 sub-units
3. Generates high-density Plasmacluster ions

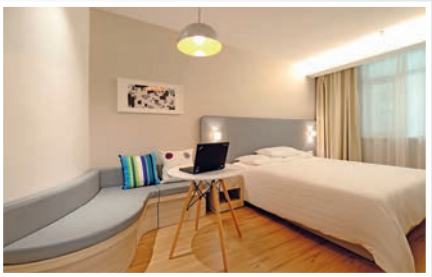
SPECIFICATIONS

MODEL NAME	IG-001DCT	IG-001DDT
Details of the Package	Main unit: lower single body type	Sub unit: lower single body type
Rated Voltage	DC12V (Supplied from an AC Adapter)	DC12V (Supplied from a main unit or sub unit)
Consumed Power	1.1 w	0.6 w
External Dimension	W 240 mm x D 60.5 mm x H 28 mm	W 186 mm x D 60.5 mm x H 25 mm
Product Weight	160 gms	120 gms

APPLICATION AREAS

Hotels/High End Restaurants

Offices/Meeting Rooms



Child and Elderly Care Facilities

APPLICATION AREAS

IT Server Rooms

Manufacturing Units and Factories

Bank & Currency Chests

Schools/Kindergartens

Hospitals

PCB Handling Areas

• Packaging Industries • Moulding Industries • Sanitation • Libraries • Paint Shops & many more

High-Density Plasmacluster Technology Removes Airborne Mold, Bacteria & Viruses

Plasma discharge generates and emits the same positive and negative ions that occur in nature. Plasmacuster technology is Sharp's original air purifying technology that removes airborne mold, bacteria, viruses and odours. The benefits have been proven by official test institutions and several labs in Germany, Japan & Asia, Harvard School of Public Health, US, Retroscreen Virology Ltd., UK. National Center of Tuberculosis and Lung Diseases, Georgia.

Certified 31 Institutes and Organizations

SHARP IS COMMITTED. Sharp continues to provide service support for all its air purifier models for a period of up to 5 years from their discontinuation.

SHARP

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