

**General Application - Home, Office, Clinic, Restaurant, Spa, Gymnasium, Classroom, Toilet, etc.**



Model Number	FU-A80E-W	FP-F40E-W	FU-Z31E-W	IG-CL15E-W
MRP ₹	Rs 32,990	Rs 24,990	Rs. 18,990	Rs. 14,990
Air Purification System	Plasmacluster Ion Generator with True HEPA & Active Carbon Filter	Plasmacluster Ion Generator with True HEPA & Active Carbon Filter	Plasmacluster Ion Generator with all-in-one True HEPA & Active Carbon Filter	High Generator Plasmacluster Ion Generator for high infection control & high intensity odour removal
Coverage Area (sq. ft)	600*	320*	230*	175*
Air Flow/ CADR (m3/Hour)	480/ 300/ 120 (High/ Medium/ Low)	240/ 150/ 90 (High/ Medium/ Low)	240/ 150/ 90 (High/ Medium/ Low)	Fully Active Technology - no recycling
Modes	Shower, Auto, Low, Medium & High	Haze, Auto, Low, Medium & High	Auto, Low, Medium & High	Low & High
Pre Filter	Standard Mesh with ACF	Standard	Standard	Standard
Filter Life	upto 2 years*	upto 2 years*	upto 2 years*	Life Time
Auto Restart	Yes	Yes	Yes	No
Sensors	Dust (PM10)	Odour & Dust (PM10)	Odour	None
Unit Dimensions (mm)	402 x 620 x 245 (W x H x D)	383 x 540 x 209 (W x H x D)	356 x 510 x 180 (W x H x D)	265 x 330 x 155 (W x H x D)
Net Weight (Kg)	8	4.7	5.0	3.1
Voltage & Frequency	220~240 vac & 50/60Hz	220~240 vac & 50/60Hz	220~240 vac & 50/60Hz	220~240 vac & 50/60Hz
Power Consumption (Watts)	75/ 20/ 5 (High/ Medium/ Low)	31/ 12/ 6 (High/ Medium/ Low)	49/32/23 (Max/Med/Low)	24/15 (Max/Low)
Noise Level (db)	53/ 41/ 23 (High/ Medium/ Low)	49/ 38/ 21 (High/ Medium/ Low)	44/35/24 (Max/Med/Low)	42/32 (Max/Low)
Warranty Service	One Year, ON SITE	One Year, ON SITE	One Year, ON SITE	One Year, ON SITE

**Specialized Application - Airport, Lobby, Hospital, Store room, Manufacturing Units, etc.**



Model Number	KC-930E-W	IG-A20E-W	DW-E16FA
MRP ₹	22,990	62,990	42,990
Air Purification System	Plasmacluster Ion Generator & All-in-one True HEPA & Active Carbon Filter, with Humidifying System	High Generator Plasmacluster Ion Generator for high infection control & high intensity odour removal	High density Plasmacluster Ion Generator, HEPA & Active Carbon Filter with De-Humidification System
Coverage Area (sq.ft)	240*	475*	410*
Air Flow/ CADR (m3/Hour)	240/ 150/ 90 (High/ Medium/ Low)	Fully Active Technology - no recycling	240/ 105/ 75 (High/ Medium/ Low)
Modes	Auto, Low, Medium & High	Low, Medium & High	Laundry, Auto, Low, Medium, High
Humidifying / dehumidifying	Humidifying	-	De-Humidification
Pre Filter	Standard	Special Polyester Mesh	Standard
Filter Life*	Up to 2 years*	Life time	5 Years*
Auto Restart	No	yes	Yes
Sensors	Odour	None	Odour, Humidity & Tank Full Indication
Unit Dimensions (mm)	375 x 535 x 205 (W x H x D)	594 x 480 x 230 (W x H x D)	360 x 565 x 260 (W x H x D)
Net Weight (Kg)	6.1	10.5	12.2
Voltage & Frequency	20~240 vac & 50/60Hz	220~240 vac & 50/60Hz	220 to 240 vac & 50/60Hz
Power Consumption (Watts)	27 / 13 / 4.5 (Max / Med / Low)	22 / 14 / 9 (Max / Med / Low)	Dehumidifying 190W, Air Purifying 38/ 10/ 7 (High/ Medium/ Low)
Noise Level (db)	48 / 39 / 22 (Max / Med / Low)	45/ 40 / 34 (Max / Med / Low)	53/ 35/ 27 (High/ Medium/ Low)
Warranty Service	One Year, ON SITE	One Year, ON SITE	One Year, ON SITE

**Plasmacluster for your car - Contact us for more details.**



SHARP BUSINESS SYSTEMS (INDIA) PRIVATE LIMITED  
All India Toll Free: 1800-4254-321  
Website: www.sharpproducts.in & www.sharp-pci.in

This is to inform you that we DO NOT promote and support e-retail through any online portals and our products are only sold through Retail Outlets and other corporate partners. So the products purchased through e-retail are not covered under Manufacturer's Warranty. This is also posted on our website for the benefit of our esteemed customers.

Note: \*The Filter Life may vary according to use and environment conditions, #Depending on fan speed & indoor environment conditions. In the endeavour to upgrade products consistently, design and specifications are subject to change without notice.

**Business Partner**

**Perfect Air-conditioning Trading Company**  
A-269 Okhla Industrial Area-I, New Delhi-110020  
Tel :011-26817098,26817099,26811832,41811832,64990008  
Email: ac@tripti.in Website: www.tripti.in

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**Shield of Plasmacluster Ions protect you by**

- Neutralizing & removing PM 2.5 (Particulate Matter) up to 0.3 microns
- Reducing Asthma triggers by destroying dust mite allergens trapped in furnishings
- Destroying viruses including H1N1, microbes, bacteria like E.coli, MRSA & others
- Preventing fungus, mould in damp & humid environment
- Removing static electricity, pollen & neutralising airborne toxins
- Eliminating odour of cigarettes, pets, toilets, sweat, garbage & combustion

Over **5 crore** Satisfied Users Worldwide!



Certified and Verified by **22** Research Organizations across the World

**Plasmacluster Ion Generators & Air Purifiers**

## Why is forest air fresh?

Forest air has the perfect balance of positive hydrogen and negative oxygen ions. As a result, the air is fresh. The concentration of positive hydrogen and negative oxygen ions are more than 4100 ions/cm<sup>3</sup> whereas in the urban outdoors it drops to less than 900 ions/cm<sup>3</sup>

## Why is indoor air stuffy & stale?

Indoors, the positive and negative ions fall to 400 ions/cm<sup>3</sup> making it stuffy and stale.

## Why is stale air harmful?

As the level of the positive and negative ions fall to 400 ions/cm<sup>3</sup>, it creates a breeding ground for dust mites, allergens and other microbes. The allergens are triggers for respiratory diseases such as asthma, bronchitis etc.

## Doesn't exposure to sunlight kill the allergens?

Though exposure to sunlight helps to an extent, it does not eliminate dust mites trapped in soiled sheets and carpets. As temperature and humidity rise, moulds become active. Moulds are unpleasant and toxic. During warm season, static electricity increases, which attracts pollen to our clothes, curtains, sheets etc. The pollen grains are potent triggers for asthma. Thus, it is a mistaken assumption that sunlight makes the air safe.

## Clean from far ... Far from Clean!

In spite of our best efforts to clean & mop, invisible Particulate Matter (size upto PM 2.5 micrometers – that are even 100 times thinner than human hair) clings on to the furnishing, soft toy, floor etc thus polluting Indoor Air. These invisible micro Particulate Matters are generated from Paint Fumes, Combustion Smoke, Open Drains, Toilets etc that enter our home/ office but could not find their way out due to poor cross ventilation. When we inhale air along with any particles, it travels into our respiratory system (lungs and airway). Along the way the particles stick to the sides of the airway or travel deeper into the lungs. Finer the particles, the worse the effect!!

## Viruses



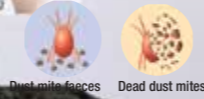
Airborne virus

## Particulate Matter



Beach Sand Grain

## Dust mite faeces and dead dust mites Allergens



Dust mite faeces Dead dust mites

## Mould

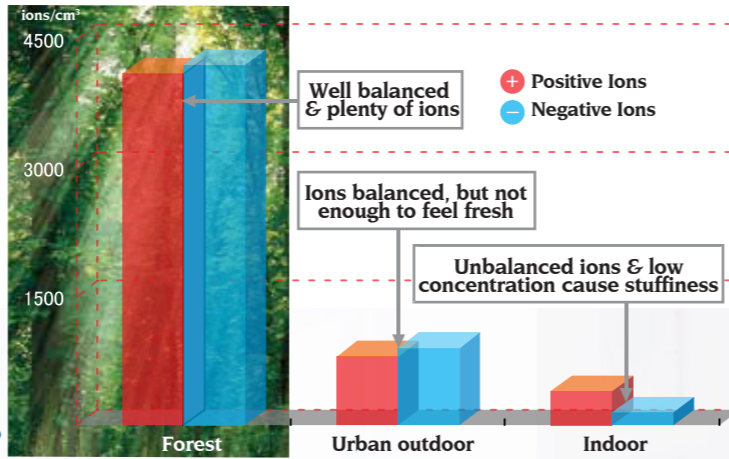


Airborne mould Adhering mould

## Pollen



## Static Electricity



Well balanced & plenty of ions

Positive Ions  
Negative Ions

Ions balanced, but not enough to feel fresh

Unbalanced ions & low concentration cause stuffiness

## Is Plasmacluster Ion technology safe and effective?

Highly reliable data has been acquired from GLP-compliant (Good Laboratory Practices) testing facilities from all across the world proving Plasmacluster Ion technology is safe for human use.

22 globally renowned, independent research organizations have certified the effectiveness and efficiency of Plasmacluster Ions against 29 types of harmful substances such as virus, allergens, mould, fungi, bacteria, PM2.5 & odour.



### No Harmful Ozone

Sharp Plasmacluster Ion Technology does not produce any harmful Ozone during for the process of Air Treatment. It MIMICS NATURE.

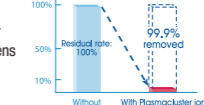
**CB Certificate for Electrical Equipment**  
• Japan Quality Assurance Organization

### 99.8% Allergens Removed

Plasmacluster Ions cut through and remove proteins in suspended allergens generated by dust mite faeces and dead mites, thus reducing their effects.



Removal Effectiveness for dust mite allergens suspended in airborne dust



(Mite excrement and remains)  
• Hiroshima University  
• Osaka City University

### Stubborn Odours Eliminated

Plasmacluster Ions are effective in removal of odours from cigarette, sweat, pets, toilet, combustion, kitchen garbage etc. by reacting with the foul smelling substances.

**Adhering & Airborne**

• Japan Spinners Inspecting Foundation

### 99.0% Bacteria Killed

Plasmacluster Ions break down and remove proteins from the surface of suspended and airborne bacteria thereby destroying them.

**Adhering Bacteria**

• Kitasato Institute Medical Center and Hospital

**Airborne Bacteria**

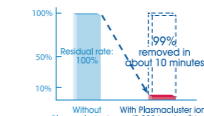
• Ishikawa Health Service Association  
• Shanghai Municipal Center for Disease Control and Prevention (China)  
• Kitasato Research Center of Environmental Sciences  
• Aachen University of Applied Sciences, Germany  
• Harvard School of Public Health (U.S.A.)

### 99.9% Viruses Killed

Plasmacluster Ions break down and remove projecting spike-shaped proteins of suspended and adhering viruses including H1N1, and reduces their



Reduction of airborne viruses



**Adhering Virus**

• Retroscreen Virology (U.K.)  
• Vietnam National University

**Airborne Virus**

• Retroscreen Virology (U.K.)  
• Kitasato Research Center of Environmental Sciences  
• Seoul National University (South Korea)  
• Shanghai Municipal Center for Disease Control and Prevention (China)  
• Kitasato Institute

### Allergy Sealed

Plasmacluster Ions have been found most effective in removal of allergy triggers like seasonal viral, dust mites, mould, pollen airborne chemicals etc. BAF Seal is the most trusted mark in the battle against allergy.



### 99.9% Mould Reduced

Plasmacluster Ions cut through and remove the protein of suspended and clinging bacteria.

**Adhering mould Bacteria**

• Medical School of Luebeck (Germany)  
• Japan Food Research Laboratories

**Airborne mould Bacteria**

• Ishikawa Health Service Association  
• Aachen University of Applied Sciences (Germany)

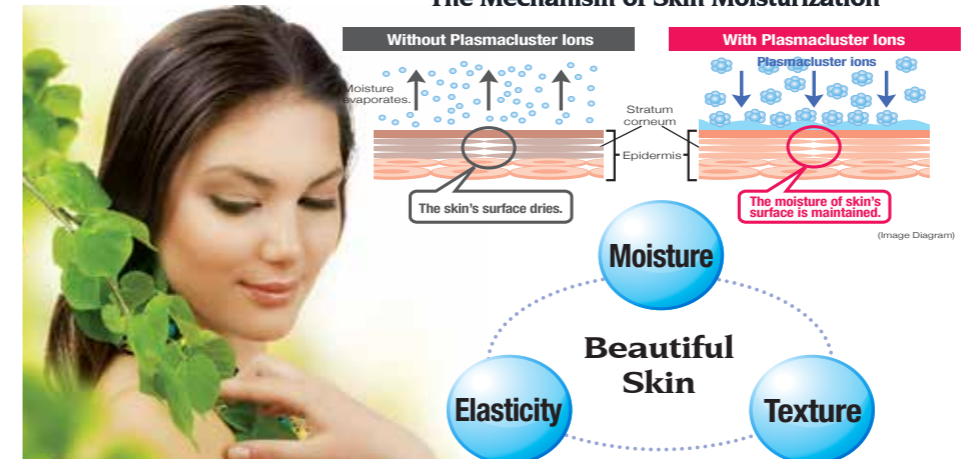
### Static Electricity Reduced

Plasmacluster Ions reduce static electricity, preventing pollen and airborne dust from clinging to curtains, clothing, carpets, furnitures and other surfaces.

## Anti ageing solution that does not come in a bottle!

Exposure to high density Plasmacluster Ions significantly improves the moisture content, elasticity and texture of the skin. It also curbs excess sebum (oiliness) from the skin.

### The Mechanism of Skin Moisturization



Testing body: Soiken Inc, & Research Institute of Electrical Communications, Japan

## Why is safe air important?

Common diseases like morning allergy, influenza, tuberculosis etc. occur due to airborne contaminants. Some of them are life threatening. Our immune system is bombarded by dust mites and host of unwanted airborne contaminants making our immune system work overtime. As a result, our immune system becomes weak and we may have health problems. There is a high concern and awareness for safe water, pesticide free safe food but low awareness about safe air.

## Safe air is life itself!

## How can you get safe air?

Sharp's patented Plasmacluster Ion technology offers forest fresh, safe air which rejuvenates you and allows you to celebrate life.

## How does Plasmacluster Ion technology work?

Plasmacluster Ion Technology produces the same positive and negative ions found in nature. These ions surrounded by water vapour can survive for a long time and travel to each and every corners of the indoor looking out for micro-organisms and foul odour. On the surface of these micro-organisms it create OH Radical (also known as Nature's detergent) thus breaking the protein layer rendering it dead. Plasmacluster Ion Technology kill harmful substances not only from the air but also from the surface of things kept indoor thus making the air fresh and safe to breathe. Spending a considerable time in fresh air environment, one's immune system is rested and thereby strengthened. This makes one better equipped to fight polluted urban air.

### The superior HEPA- 99.97% PM2.5 Neutralized

99.9% capture and removal of cedar pollen allergens  
99.8% removal of dust mite faeces, allergens & PM 2.5

