

AIR PURIFIER

Pure, Clean
Showers of Air Everyday
with Plasmacluster Ions

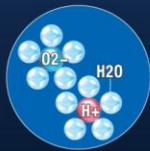
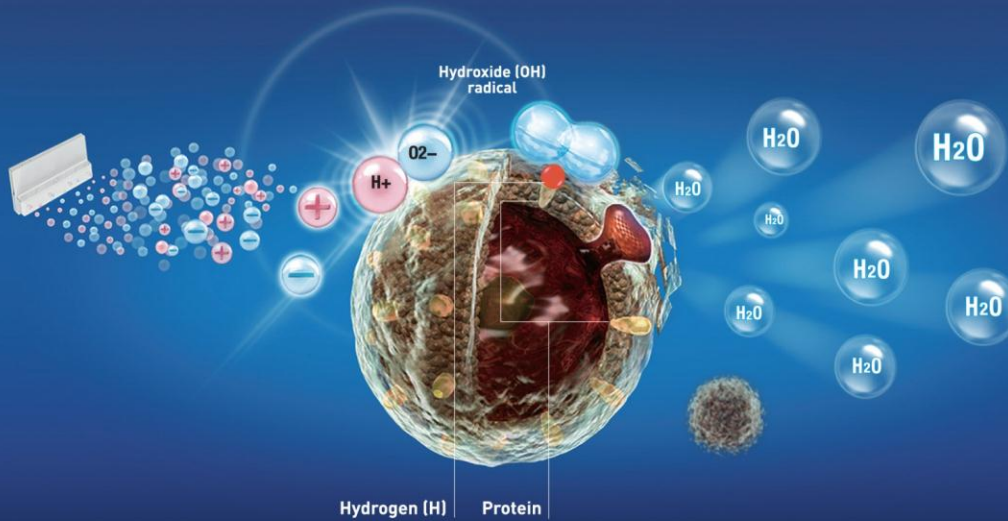


**DON'T JUST FILTER IT.
PLASMACLUSTER IT.**





Plasmacluster Technology A Remarkable Air Purifying Mechanism



Plasmacluster 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.

Plasmacluster Mechanism to Remove Microbes

- 1 **Ions are released.**
Plasmacluster ions, the same positive and negative ions found in nature, are generated by plasma discharge and released into the air.
* Verified in Sharp test comparisons of ions not surrounded by water molecules.
- 2 **The ions act on airborne microbes.**
The ions form hydroxide [OH] radicals that are highly oxidizing only when they adhere to the surfaces of mold and viruses. They instantly remove the hydrogen from the surface proteins, breaking them down.
- 3 **The broken-down components return to the air as water.**
The hydroxide [OH] radicals combine with hydrogen [H] to form water [H₂O], which returns to the air.

Plasmacluster is Effective Against



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)





White

KC-A60

With Humidifier
Recommended Room Size 48 m²

- High-Density Plasmacluster
- Dust, Odor, Temperature and Humidity Sensor
- Powerful Humidifying
- Ion Shower Operation
- Anti-Microbial HEPA filter and Washable Deodorizing Filter



White

Black

KC-A50

With Humidifier
Recommended Room Size 38 m²

- High-Density Plasmacluster
- Dust, Odor, Temperature and Humidity Sensor
- Powerful Humidifying
- Ion Shower Operation
- Anti-Microbial HEPA filter and Washable Deodorizing Filter



White

Black

KC-A40

With Humidifier
Recommended Room Size 26 m²

- High-Density Plasmacluster
- Dust, Temperature and Humidity Sensor
- Powerful Humidifying
- Ion Shower Operation
- Anti-Microbial HEPA Filter and Washable Deodorizing Filter



AIR PURIFIER



FU-A80

Recommended Room Size 62 m²

- High-Density Plasmacluster
- HEPA filter and Deodorizing Pre-filter
- Dust sensor
- Ion Shower Operation
- Quiet Operation
- High-Speed Dust Collection



KC-930

With Humidifier
Recommended Room Size 21m²

- High-Density Plasmacluster
- Powerful Humidifying
- All-in-one Dust Collection and Deodorizing Filter
- Odor Sensor
- Clean Sign
- Quiet Operation



FU-Y30

Recommended Room Size 21 m²

- High-Density Plasmacluster
- All-in-one Dust Collection and Deodorizing Filter
- Clean Sign
- Quiet Operation
- High-Speed Dust Collection



ION GENERATOR



IG-A40E



IG-A20E

IG-A40E / IG-A20E

Recommended Room Size 50 m² / 23 m²

Commercial use

- High Density 25000 Ions
- 4 Set PCI Generators
- Long and Wide Nozzle
- Recommended for Commercial Use, Hospital Use
- Auto Re-start



Plasmacluster Car Air Purifier

Breathe Pure Drive Happy

With a diameter of 6.5cm, this Ion generator fits into car cup holder, and can be charged by cigarette lighter.



IG-BC2A

- Effective for Removing Airborne Virus, Mold, Allergens, Microbes and Odor
- Long Life Time Use of 19,000 Hours
- Power Consumption: 1.3 - 2.3W
- Applicable Floor Surface 3.6m²
- Car Power Adapter 12V DC



Designed to release High-density Plasmacluster ions that follow the car's interior airflow

Plasmacluster ions are released at a 20° upwards angle and are carried along the ceiling of the car to every part of the interior by the Coanda effect.