

SHARP



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New Standard for Clean Air

Plasmacluster - Only from SHARP

Plasmacluster Key Benefits:

- Suppresses the activity of airborne viruses
- Suppresses the activity of airborne microbes
- Acts on both airborne and adhering mould
- Inactivates and removes airborne allergens like dust mite feces and dead dust mites
- Inactivates and removes adhering odours (like tobacco smoke)
- Removes static electricity which attracts airborne particles
- High Density Plasmacluster helps to maintain the skin's moisture level, improves its elasticity, and acts to smoothen its texture
- Plasmacluster is effective all year round



Inactivation of Allergens

Sharp Air Purifiers and specifically our models with a built in humidifier help to control household dust and drifting pollen which is said to cause approximately 80% of allergy related illnesses.



Inactivation of Mould

Mould Spores travel on clothes and through the air- potentially causing allergic reactions when inhaled. Sharp's long life HEPA Filter captures 99.97% of particles from the air (such as mould spores) as small as 0.3 microns.

Don't Mask Odours. Remove Them.

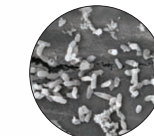
Many experts believe that common household air fresheners often introduce unsafe chemicals to the air we breathe and simply mask an offending odour rather than eliminate it.

Sharp Air Purifiers with Plasmacluster Ion Technology provide a cleaner and healthier environment by emitting positive and negative ions, of the same type found in nature, quietly and efficiently.



What is PCI Effective Against?

Plasmacluster Ion (PCI) Technology is proven effective against the following airborne contaminants.



Bacteria & Viruses



Dust Mite Debris



Pollen



Exhaust Fumes



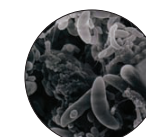
Smoke Odours



Pet Odours



Garbage Odours



Mould Spores & Germs



Washroom Odours



Inactivation of Viruses

Sharp's Plasmacluster Ion Technology utilizes both positive and negative ions to seek out and inactivate airborne viruses, flu and colds throughout the year - but especially during the Fall and Winter months.



Reduction of Odour

Sharp Air Purifiers with its heavy pre-filter and active charcoal filter, will help to eliminate most indoor odours (such as garbage, washroom, smoke and pets).

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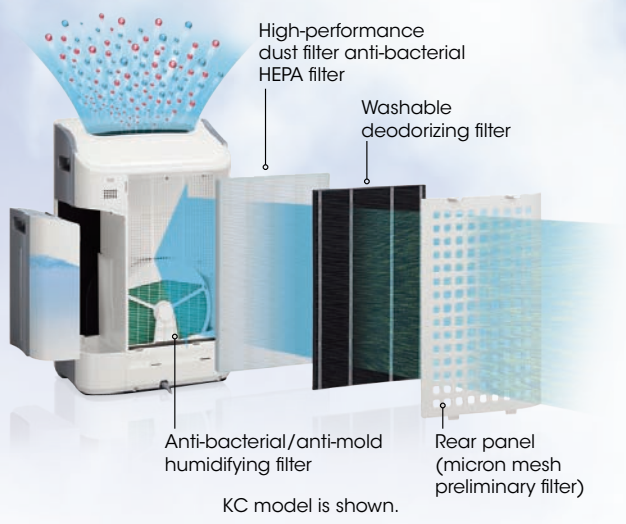
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Air Purifiers with Plasmacluster Technology

Dual-functioning systems use both ACTIVE and PASSIVE technologies to effectively purify the air

Sharp's Air Purifiers line-up, which also includes models ideal for allergy sufferers, combines Plasmacluster Ion Technology alongside a multi-layer filtration system to break down viruses and remove dust pollen. Selected models also feature a built-in Humidifying function.



KC860U

- Recommended Room Size 341sq.ft. (approx. 18' x 19')
- Triple Stage Filtration System - True HEPA, Active Carbon, Pre-Filter
- Built-in Humidification Function
- Display Monitors Dust and Humidity Levels
- Washable Pre-Filter
- Automatic and Manual Operation
- Library Quiet™ - as low as 19dB¹
- Ultra Long Life True HEPA Filter (up to 5 years)²
- CADR³ Dust 230/Smoke 220/Pollen 245
- ENERGY STAR Qualified⁴



KC850U

- Recommended Room Size 254sq.ft. (approx. 14' x 18')
- Triple Stage Filtration System - True HEPA, Active Carbon, Pre-Filter
- Built-in Humidification Function
- Display Monitors Dust and Humidity Levels
- Washable Pre-Filter
- Automatic and Manual Operation
- Library Quiet™ - as low as 17dB¹
- Ultra Long Life True HEPA Filter (up to 5 years)²
- CADR³ Dust 164/Smoke164/Pollen 174
- ENERGY STAR Qualified⁴



Replacement Filters:

- FZC150HFU - Includes 1x True HEPA w/ Microbial Control Filter
- FZC150DFU - Includes 1x Washable Deodorizing Filter
- FZC100MFU - Includes 1x Humidifying Filter

FPA40CW

- Recommended Room Size up to 200sq.ft (approx. 12' x 17')
- Triple Stage Filtration System - HEPA, Active Carbon, Pre-Filter
- 3 Fan Speeds (High/Med/Low)
- Library Quiet™ - as low as 29dB¹
- Long Life HEPA Filter (up to 2 years)²
- CADR³ Dust 140/Smoke 129/Pollen 160
- ENERGY STAR Qualified⁴



Replacement Filters:

- FZA40SFU - 1x HEPA with Microbial Control and 1x Deodorizing Filter

FPA28CW

- Recommended Room Size up to 120sq.ft (approx. 10' x 12')
- Dual Stage Filtration System - HEPA, Pre-Filter
- 3 Fan Speeds (High/Med/Low)
- Library Quiet™ - as low as 28dB¹
- Long Life HEPA Filter (up to 2 years)²
- CADR³ Dust 91/Smoke 77/Pollen 100
- ENERGY STAR Qualified⁴



Replacement Filters:

- FZA28HFU - Includes 1x HEPA w/ Microbial Control

High Density Plasmacluster Ion Generators

Airborne viruses thrive in closed spaces, making us feel ill, tired and sluggish. Sharp's ion generators disinfect and purify suspended airborne mould, viruses, germs and allergens, without the need for a filtration system, by emitting a shower of positive and negative ions, thus recreating the natural chemical process that purifies the air in the earth's troposphere. The benefits have been proven by official test institutions around the world.



IGCL15UW

- Portable Generator with Ion-Scattering Design for Concentrated Disinfection and Purifying
- Recommended Room Size 161sq.ft. (approx. 11' x 15')
- Adjustable Airflow-Controlling Louvres (3 levels)
- Spot Deodorizing Function
- Power Consumption - 15W (Low airstream setting)
- Quiet Operation - 32dB (Low airstream setting)
- Ultra Long Life Plasmacluster Ion Generating Unit (up to 26 months when operated continuously for 24 hours a day).



IGBC2UB

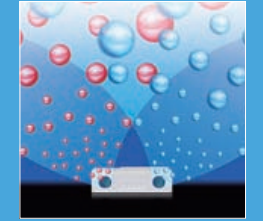
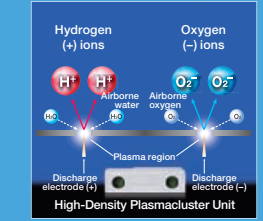
- High Density Plasmacluster Technology
- Designed for In-Car Use (12V DC plug)
- Neutralizes Mould, Bacteria and Odours Using Natural Ionization
- High and Low Mode Operation
- Simple One-Touch Operation
- Fits into Car Cup Holder
- Long Life Plasmacluster Ion Generating Unit (up to 19,000 hours)
- Low Power Consumption (1.3W in Low Mode)



A Remarkable Mechanism for Suppressing Mould^{*1} and Allergens^{*2}

1 Ions are discharged.

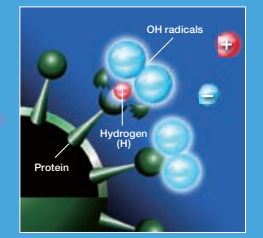
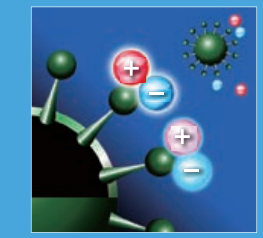
Plasmacluster ions are the same positive and negative ions found in nature. The ions are surrounded by water molecules, and are released into the air.



Because water molecules encapsulate the plus and minus ions, they have a long life*. * Verified in SHARP test comparisons to ions not surrounded by water molecules.

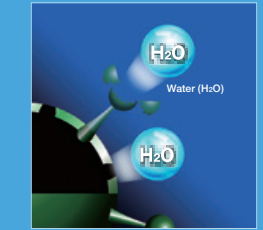
2 The ions act on airborne mold and airborne allergens.

The ions form OH radicals that are highly oxidizing only when they adhere to the surfaces of mould and viruses. They instantly remove the hydrogen from the surface proteins, breaking them down.



3 Return to the air as water.

The OH radicals combine with hydrogen (H) to form water (H₂O) which returns to the air.



^{*1} Verified by Prof. Artmann, Aachen University of Applied Sciences, Germany

^{*2} Verified by Hiroshima University Graduate School of Advanced Sciences of Matter

¹ In "Clean Air Low" mode.
² Filter life can be greatly reduced depending on the room environment. Cigarette smoke, pet dander, and other airborne particles can reduce filter life. Check filters regularly and replace as necessary.
³ Clean Air Delivery Rate (cubic feet of air cleaned per minute).
⁴ As an ENERGY STAR® partner, Sharp has determined that this product meets the ENERGY STAR guidelines for energy efficiency.