

SHARP

Be Original.

PROACTIVE, PREDICTIVE AND PRECISE.

The all new J Series Air Purifiers that removes odours, bacteria and viruses more effectively from every corner of the room.



PLASMACLUSTER TECHNOLOGY
Air as Natural as Nature

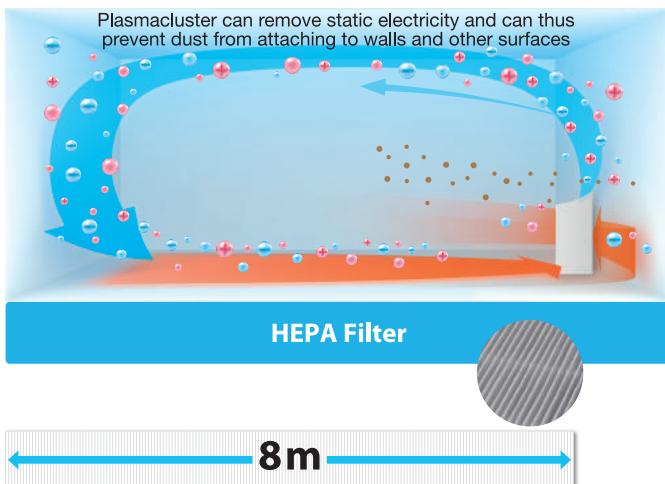


Sharp's unique Plasmacluster along with efficient dust collection improves air quality holistically.

Sharp Air Purifiers employ a 3-step system to combine the "active" Plasmacluster mechanism with "passive" HEPA filtration to sterilize and cleanse the indoor air off of airborne substances harmful to humans.

COLLECT Powerful Air Suction & Unique Airflow Quickly & Efficiently Collects Dust & Other Suspended Particles

Faster airflow at a 20° angle collects dust at lower levels in the room for more effective cleaning.



The filter measures as long as approx. **8 m** when fully extended.

The larger the surface area of the filter, the more dust and other harmful particles are captured.

What the HEPA Filter Captures

99.97% capture and removal of 0.3-micron dust particles

	Tree pollen	Cedar, cypress, birch, alder, beech, red cedar, oak, pine
	Grass pollen	Ragweed, wormwood, hop, orchard grass, vernal grass, timothy grass
	Allergens	Dust mite feces, dust mite remains, dog dander, cat dander, hamster dander, mold
	Airborne mold	Black mold, Stachybotrys, Aspergillus niger, Penicillium
	Dust	Dust, pet hair, pet dander, cigarette smoke, cooking fumes, mite dust, diesel exhaust particles, Asian dust
	Odors	Cigarette odor, pet odor, cooking odor, kitchen food waste odor, toilet odor, body odor, mold odor, ammonia odor

PASSIVE HEPA Filtration

CAPTURE High-Performance Filters Capture Airborne Dust Particles

3 Steps Filtration

1 Advanced Pre-filter

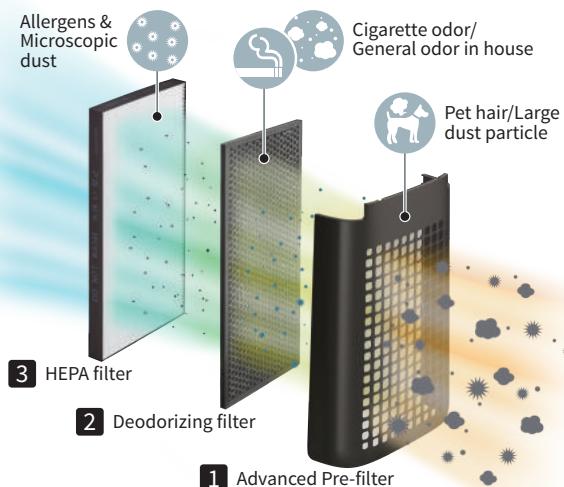
Washable filter, captures larger than 10 micron particles.

2 Deodorizing filter

Absorbs cigarette odor, pet odor and many other common household odors.

3 Electrostatic HEPA filter

Traps 99.97% of microscopic particles (as small as 0.3 micron) in the air.



Sharp HEPA Filters meet top global performance standards Sharp Air Purifiers sold in India are equipped with H14 Class (in EN 1822 type) True HEPA filters, based on the JEM1467 standard of The Japan Electrical Manufacturers' Association. HEPA filters built to this standard remove 99.97% of dust and other particles of sizes 0.3um each time air passes through them.

Filter Maintenance / Replacement Suggestions: The darkening of filter layers is normal due to dust / smoke etc. getting trapped in them. At times, the filter itself may produce some odour and needs to be exposed to bright sunlight for 3 to 4 hours at least once in 45 days. The HEPA filter life fully depends on the nature of indoor environment and duration of usage. HEPA filters should never be washed. Always check the direction of filters when placing them into their frames. It is time to have the filters replaced if you feel, that even after cleaning, the air outflow has dropped by 50%-60% compared to the initial days of your new Air Purifier usage.

British Allergy Foundation has made it easy to choose right air purifier, especially for people with respiratory problems. They have extensively tested & certified Sharp Plasmacluster Air Purifiers for their effectiveness in reducing Asthma & Allergy triggers



ACTIVE Plasmacluster Technology

ELIMINATE

Plasmacluster Technology Can Remove Mold, Viruses, Allergens, Odors and Static Electricity

1. GENERATES FRESH INDOOR AIR

Plasma discharge generates and emits the same positive and negative ions that occur in nature

2. NEUTRALISES HARMFUL VOC & OTHER TOXIC GASES

Plasmacluster technology surround and break VOCs and toxic gases

3. KILLS MICROBES AND OTHER CONTAGIOUS ELEMENTS

Plasmacluster technology kill viruses including H1N1, microbes, bacteria like E. Coli, MRSA, TB & fungal spores to sterilize indoor air

4. REMOVES STATIC CHARGE

Plasmacluster technology remove static electricity that traps dust particles and pollen on charged surfaces

5. HYDRATES SKIN

Plasmacluster technology not only help the skin retain moisture, but also help improve its elasticity and texture

NO HARMFUL OZONE

Sharp's Plasmacluster technology does not produce any harmful Ozone during its process of air treatment. It mimics nature.

Plasmacluster is not a negative ioniser

CB Certificate for Electrical Equipment

• Japan Quality Assurance Organisation



Plasmacluster Spot Mode (FP-J80/J60)

A high-density concentration of Plasmacluster ions are discharged forward. This is effective in removing odors, bacteria, and viruses clinging in remote areas of the room.

Effect of Plasmacluster Spot Mode Deodorization and Bacteria Removal



Removal of Clinging Odors					Removal of clinging bacteria
Cigarette odor	Pet odor	Odor of wet clothes drying indoors	Sweat odor	Cooking odor	Clinging bacteria
Approx. 30 minutes	Approx. 6 hours	Approx. 3 hours	Approx. 6 hours	Approx. 2 hours	Approx. 8 hours

** The number of ions supplies into air of 1 cm³, which measured at a position approx. 70 cm from the floor and 1 m from the front discharge outlet.

• Effect after the above times at a position approx. 70 cm from the floor and 1 m from the front discharge outlet.

Convenient Features for Everyday Comfort

Automatic Operation & Display

- Automatically senses & operates according to room condition
- Room light detection to turn ON/OFF panel display automatically

HAZE Special Mode

- Operates at HIGH fan speed for 60 minutes and then alternates between Low and High level for 20 minutes each to efficiently destroy & eliminate poisonous gases & PM 2.5

Convenient Function

- Timer Function
- Child Lock
- Touch Panel
- PM 2.5 monitor & display
- Odor, Humidity & Temperature sensor*
(*Available in J80 & J60 model)



FP-J80-H

Recommended Room Size:
62 m²

FP-J60-W

Recommended Room Size:
48 m²

FP-J40-W

Recommended Room Size:
30 m²

Specifications

Model Number	FP-J80M-H	FP-J60M-W	FP-J40M-W
Air Purification System	High density Plasmacluster Technology with True HEPA & Active Carbon Filter	High density Plasmacluster Technology with True HEPA & Active Carbon Filter	Plasmacluster Technology with True HEPA & Active Carbon Filter
Coverage Area* (Sq Ft) Air Purification / Plasmacluster	680	550	350
Air Flow/ CADR (m ³ /hr)	480 / 288 / 60 (Max/Medium/Low)	408 / 222 / 60 (Max/Medium/Low)	240 / 186 / 48 (Max/Medium/Sleep)
Modes	Haze, Auto, Pollen, Max, Med, Low, Sleep	Haze, Auto, Pollen, Max, Med, Low, Sleep	Haze, Auto, Max, Med, Sleep
Pre-filter	Washable Fine-Meshed PM10 filter	Washable Fine-Meshed PM10 filter	Washable Fine-Meshed PM10 filter
Filter Life [#]	Upto 2 Years	Upto 2 Years	Upto 2 Years
Auto Restart	Yes	Yes	Yes
Sensors	PM2.5, Dust, Odor & Light	PM2.5, Dust, Odor & Light	Odor, Dust & Light
Unit Dimensions (mm)	416 x 720 x 292 (W x H x D)	416 x 720 x 292 (W x H x D)	390 x 583 x 270 (W x H x D)
Net Weight (kg)	11	10.3	6.2
Voltage & Frequency	220~240 V AC & 50/60Hz	220~240 V AC & 50/60Hz	220~240 V AC & 50/60Hz
Power Consumption (W)	48 / 28 / 1.3 (Max/Med/Low)	38 / 20 / 1.2 (Max/Med/Low)	23 / 14 / 3.5 (Max/Medium/Sleep)
Noise Level (db)	47 / 45 / 15 (Max/Med/Low)	43 / 40 / 15 (Max/Med/Low)	45 / 39 / 15 (Max/Medium/Sleep)
Warranty	1 year ONSITE	1 year ONSITE	1 year ONSITE

*Depending on fan speed & indoor environment conditions

#The Filter Life may vary according to use and environment conditions

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

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, bacteria, viruses and odours. The benefits have been proven by official test institutions in Japan and around the world.

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.



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