

SHARP

Be Original.

FP-JM40
FP-JM30
Plasmacluster Air Purifier

For internal use only

Proven to purify the air.
Now, they can even trap mosquitoes.



Recommended Room Size:
30 m²

FP-JM40



Recommended Room Size:
23 m²

FP-JM30



1 Plasmacluster

can suppress

- MOLD*2
- VIRUSES*3
- ALLERGENS*4
- ODORS*5

2 Air Purifying

HEPA Filter captures 99.97%

- POLLEN
- DUST
- PET DANDER
- SMOKE

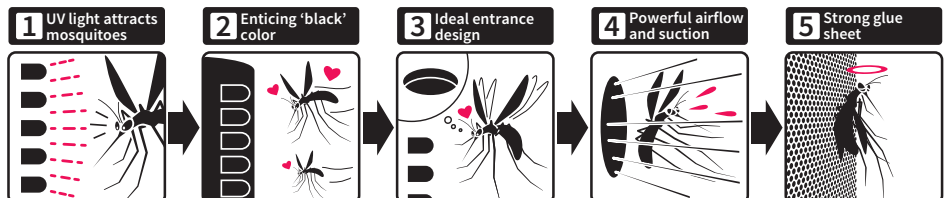
3 Mosquito Catcher

5 Effective Steps

Capture and Protect from Mosquitoes with 100% Harmless 5 Effective Steps*6 of Mosquito Catcher

Reduce up to 91% of Culex, 73% of Aedes, and 72% of Housefly*7

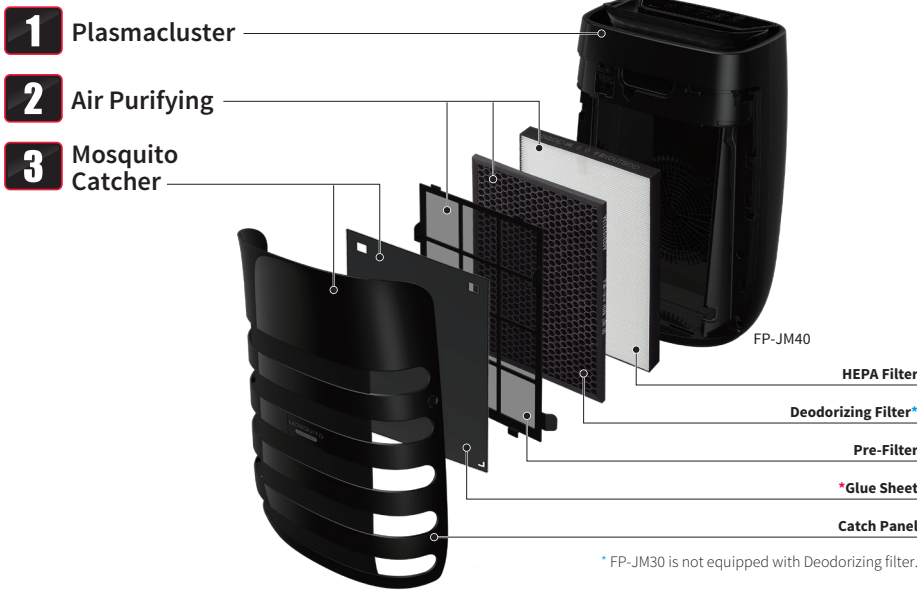
Effective mechanism based on mosquito behaviour



*1 Sharp developed the world's first air purifiers with mosquito catcher using UV light, a black panel catching mosquitos, and a sticky sheet. The first model, the FP-FM40, was released in September 2015. *2 99% of airborne mold was removed in a test space of 31 m³ after 195 min. of use. (tested by Ishikawa Health Services Association) *3 99% of airborne viruses were removed in a closed test space of 25 m³ after 18 min. of use. (tested by Pasteur Institute, Ho Chi Minh City) *4 Effectiveness in a test space of 31 m³ after four weeks of use (one day: 24 hours). (tested by Hiroshima University Graduate School of Advanced Sciences of Matter) *5 Effectiveness in a test space of 41 m³ after 80 min. of use. The effectiveness depends on the odor type, odor intensity, and material of object measured. (tested by Sharp) *6 The mechanism of the mosquito catcher is studied in collaboration with the Institute for Medical Research, Malaysia. *7 Result of 24-hour laboratory test in collaboration with the Institute for Medical Research, Malaysia, with Culex quinquefasciatus, Aedes albopictus and aegypti, and Musca domestica. The efficacy of the mosquito catcher function was tested in a laboratory setting; actual conditions may vary. Continuous usage will improve capture efficacy.

3 in 1

Removing Threats from Your Daily Life to Provide You with a Comfortable and Safe Environment



* FP-JM30 is not equipped with Deodorizing filter.

*Glue Sheet (FZ-ST52M, FZ-40STS)

1 Insecticide-Free Glue Sheet

2 Strong Catching Power

The strong glue sheet catches mosquitoes.

3 Easy Disposal without Dirtying Your Hands

FZ-ST52M



2 Months Usage*

FZ-40STS



3 Months Usage*
Exchangeable
3-layer Glue Sheet
(1-layer : for one month*)

* Depending on room conditions.

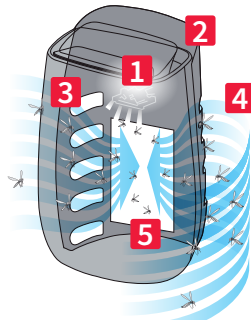


Mosquito Catcher

Capture and Protect from Mosquitoes with 100% Harmless 5 Effective Steps*¹ of Mosquito Catcher

Reduce up to 91% of Culex, 73% of Aedes, and 72% of Housefly*²

*¹ The mechanism of the mosquito catcher is studied in collaboration with the Institute for Medical Research, Malaysia.
*² Result of 24-hour laboratory test in collaboration with the Institute for Medical Research, Malaysia, with Culex quinquefasciatus, Aedes albopictus and aegypti, and Musca domestica. The efficacy of the mosquito catcher function was tested in a laboratory setting; actual conditions may vary. Continuous usage will improve capture efficacy.



Advanced function for Everyday Comfort

- Added dust & odor & Light sensor (FP-JM40)
- Timer function (FP-JM40:2/4/8h) (FP-JM30:4/8h)
- Filter Replacement Indicator
- High Performance Deodorizing filter (FP-JM40)
- Sharp original airflow at 20°angle (FP-JM40 & JM30)

Safe and Sound Mosquito Capture System

By using non-toxic mechanisms which are harmless to people and furniture, the FP-JM40/JM30 safely capture mosquitoes even for households with small children. Also, because the mosquitoes are captured on a glue sheet, the floor remains free of mosquitoes, and so cleaning is easier.

100% harmless safe and sound protection



Specifications



Models	FP-JM40	FP-JM30	
Color	B (black)	B (black)	
Recommended area	Air purifying* ³ 30 m ²	23 m ²	
Recommended area for high-density Plasmacluster ions* ⁴	23 m ²	16 m ²	
Voltage/frequency (V, Hz)	220-240, 50/60	220-240, 50/60	
Power input (max. / med. / sleep) (W)	23 / 14 / 4.5-7.5	53 / 32 / 19	
Standby power (W)	0.9	0.7	
Airflow (max. / med. / sleep) (m ³ /hour)	240 / 186 / 48-120	180 / 120 / 78	
Noise level (max. / med. / sleep) (dB)	45 / 39 / 15-30	44 / 36 / 27	
Filter type	Dust collection	HEPA* ⁵	
	Deodorization	Yes	
	Pre-filter	Yes	
Filter life	Dust collection	Up to 2 years* ⁶	
	Deodorizing filter	Up to 2 years* ⁶	
	Pre-filter	Yes	
Sensor	Odor	Yes	
	Dust	Yes	
Clean sign indicator	Dust and odor	Yes	
Mosquito trap function	Yes	Yes	
Power cord length (m)	Approx. 2.0	Approx. 2.0	
Plug type	Type C (2-pin)	Type C (2-pin)	
Dimensions (W x H x D) (mm)	397 x 591 x 289	438 x 444 x 253	
Net weight (kg)	6.9	4.7	
Replacement filter	HEPA filter	FZ-F50HFE	
	Active Carbon Deodorizing Filter	FZ-F50DFE	
Replacement glue sheet	FZ-ST52M	FZ-ST52M	
Plasmacluster ion purification	Airborne microbes	Airborne mold	Airborne microbes
		Dust mite remain allergens	Dust mite feces allergens
		Cigarette odor	Body odor
		Airborne viruses	Ammonia odor
Filter purification	Capture and reduction of growth	Airborne microbes	Viruses
		Dust mite remains	Dust mite feces
		Capture	Plant pollen
Plasmacluster ion purification	Airborne microbes	Tree pollen	Tree pollen
		Pet dander	Dust
		Pet hair	Dust
		Cigarette smoke	Mite dust
		Dust	Diesel exhaust
		Dust	Diesel exhaust

*³ Recommended room size: Measured based on the JEM1467 standard of the Japan Electrical Manufacturers' Association.

*⁴ Size of a room in which approximately 7,000 ions can be measured per cm³ in the center of the room (at a height of approximately 1.2 meters from the floor) when the product is placed next to a wall and operated at the medium setting.

*⁵ HEPA is defined by the Japan Electrical Manufacturers' Association Standard, JEM1467. The filter removes more than 99.97% of 0.3-micron dust particles.

*⁶ At a smoking rate of five cigarettes per day.

● Not all harmful substances in cigarette smoke (e.g., carbon monoxide) can be removed.

* Design and specifications are current as of April 2019, but are subject to change without prior notice.

* Actual colors may differ slightly from the colors shown in this brochure.

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SHARP CORPORATION OSAKA, JAPAN

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