



Models		FP-F30L	FP-F40L
Color		Grey, Blue, Beige	White, Toffee
Recommended area Air purifying*1		21 m <sup>2</sup>	30 m <sup>2</sup>
Recommended area for high-density Plasmacluster ions*2		16 m <sup>2</sup>	23 m <sup>2</sup>
Voltage/frequency (V, Hz)		220-240, 50/60	220-240, 50/60
Power input (max. / med. / low) (W)		51 / 30 / 13	31 / 12 / 3.7-5.9
Standby power (W)		1.0	1.0
Airflow (max. / med. / low) (m <sup>3</sup> /hour)		180 / 120 / 60	240 / 150 / 48-90
Noise level (max. / med. / low) (dB)		47 / 38 / 26	49 / 38 / 21-30
Filter type	Dust collection	HEPA*3	HEPA*3
	Deodorization	No	Yes
	Pre-filter	Yes	Yes
Filter life	Dust collection	Up to 2 years*4	Up to 2 years*4
	Deodorizing filter	No	Up to 2 years*4
Sensor	Odor	No	Yes
	Dust	No	Yes
Clean sign indicator	Dust and odor	No	Yes
Power cord length (m)		approx. 2	approx. 2
Plug type		Type C (2-pin)	Type C (2-pin)
Dimensions (W x H x D) (mm)		400 x 463 x 182	383 x 540 x 209
Net weight (kg)		4	4.7
Replacement filter	HEPA filter	FZ-F30HFE	FZ-F40SFE
Plasmacluster ion purification	Airborne microbes	Airborne mold Dust mite remain allergens	Airborne microbes Dust mite feces allergens Airborne viruses Ammonia odor
	Clinging odors	Cigarette odor Body odor	
Filter purification	Capture and reduction of growth	Airborne microbes Dust mite remains	Viruses Dust mite feces Tree pollen
	Capture	Airborne mold Pet dander Cigarette smoke	Plant pollen Pet hair Mite dust Tree pollen Dust Diesel exhaust



\*1 Recommended room size: Measured based on the JEM1467 standard of the Japan Electrical Manufacturers' Association.  
 \*2 Size of a room in which approximately 7,000 ions can be measured per cm<sup>3</sup> 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.  
 \*3 HEPA is defined by the Japan Electrical Manufacturers' Association Standard, JEM1467. The filter removes more than 99.97% of 0.3-micron dust particles.  
 \*4 At a smoking rate of five cigarettes per day.  
 • Not all harmful substances in cigarette smoke (e.g., carbon monoxide) can be removed.



**FP-F40L-T** Recommended area 30m<sup>2</sup>  
**FP-F30L-W** Recommended area 21m<sup>2</sup>



SHARP-ROXY SALES & SERVICE COMPANY (M) SDN. BHD. (8394-W)  
 No. 1A, Persiaran Kuala Langat, Section 27, 40400 Shah Alam, Selangor Darul Ehsan.  
 Product Enquiry: 1 800 88 PCI 4 U (72448) (Toll Free) Service Enquiry: Tel: 1 800 888 678 (Toll Free)

SharpPlasmaclusterMalaysia www.sharp.com.my





# Plasmacluster...Only From Sharp

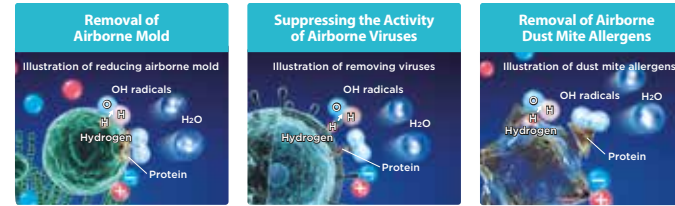
## High-Density Plasmacluster Ions Remove Airborne Mold and Viruses

Plasmacluster is Sharp's unique sanitizing technology that purifies the air by emitting highly safe positive and negative ions of the same type found in nature. It sanitizes and purifies airborne mold, viruses and allergens.

The effectiveness of Plasmacluster have been proven by official test institutions in Japan and around the world.

Japan	Japan	Japan	China	Germany	USA
Takagi Award from the Society of Non-Traditional Technology	Kitasato Research Center of Environmental Sciences	Ishikawal Health Service Association	Shanghai Municipal Center for Disease Control and Prevention	University of Lübeck	Harvard School of Public Health

\*Test results for other test substances carried out by the same test institution at the same time have not been shown.



• Reduction of Static Electricity • Removal of Clinging Odors

<b>ELIMINATES 99% OF AIRBORNE BACTERIA</b>	<b>ELIMINATES 99.90% OF AIRBORNE VIRUSES</b>	<b>ELIMINATES 97% OF AIRBORNE MITE ALLERGENS</b>	<b>ELIMINATES 99% OF AIRBORNE BIRD-FLU VIRUS</b>	<b>ELIMINATES 97% OF AIRBORNE MOLD</b>
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## Your home is not as safe as you think

There are many hidden health dangers lurking in your apparently clean home. You may notice bad smells and chemical odors, but you cannot see or smell other hazards like airborne viruses, bacteria and dust mites.



# Sharp's NEW Plasmacluster Air Purifier with HAZE Mode and HEPA Filter to Capture PM 2.5

## Three-Step Dust Collection System with Plasmacluster Technology for Everyday Use



## Haze Mode Powerfully Collects Haze Particles and Keeps the Room Air Clean

The FP-F30L has a Haze Mode. When the FP-F30L starts in Haze Mode, operation is at maximum airflow for the first 10 minutes, and then switches to a higher airflow for the next 50 minutes. After that, operation repeatedly alternates between lower and higher airflow every 20 minutes. With stronger airflow for the first 60 minutes, a high density of Plasmacluster ions is dispersed into the entire room, which reduces static electricity, making it easy to capture haze particles as small as 2.5µm and even smaller up to 0.3µm.

<h3>1. REMOVE</h3> <p>Plasmacluster Ions Reduce Static Electricity</p> <p><i>There are two types of static electricity charge: positive and negative. Negative ions can reduce only a positive charge.</i></p> <p><b>Fabrics, walls and furniture</b></p> <p>Negative charge      Positive charge</p> <p><i>The positive and negative ions of Plasmacluster reduce both positive and negative static electricity.</i></p>	<h3>2. COLLECT</h3> <p>Powerful Air Suction and Unique Airflow Quickly and Efficiently Collect Dust and Other Particles</p> <p><i>Dust drawn in from the room is collected through suction by the large surface area of the entire back of the unit.</i></p>	<h3>3. CAPTURE</h3> <p>High-Performance Filters Capture Airborne Dust Particles</p> <p><b>Removal of Micron-Size Dust Particles Including 0.3-Micron Viruses and Dust Allergens</b></p> <p><b>Dust-Collecting HEPA Filter</b> </p> <p>No need for replacement for 2 years* *When smoking five cigarettes a day</p> <p><b>Capture Microscopic Dust Particles</b></p> <p><b>Micron-Mesh Pre-filter on Rear Panel</b> </p> <p>No need for replacement Easy maintenance by simply wiping the filter without detaching it.</p>
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\* Design and specifications are current as of February 2015, but are subject to change without prior notice.  
\* Actual colors may differ slightly from the colors shown in this brochure.