

# 規格

## Specifications

型號 Model	FP-FM40A		
適用面積 (平方米/平方尺) Applicable Floor Area (m²/ft²)	30 / 322		
空氣過濾系統 Air Purifying System	High Density Plasmacluster		
Plasmacluster Ion 濃度 (顆/立方厘米) Plasmacluster Ion Density (ions/cm³)	7000		
過濾網 & 捕蚊貼紙 (壽命) Filter & Glue Sheet (Life)	捕蚊貼紙 Glue Sheet (3個月/ months) 前置過濾網 Pre Filter HEPA過濾網 HEPA Filter (2年/years) 活性碳除臭過濾網 Active Carbon Deodorizing Filter (2年/years)		
感測器 Sensor	塵埃感應器 Dust Sensor		
風速選擇 Fan Speed	睡眠 Sleep	中 Medium	高 High
空氣流量 (立方米/小時) Airflow Volume (m³/hour)	48-90	150	240
耗電量 (瓦) Power Consumption (W)	3.7-6.2	14	33
操作音量 (分貝) Noise Level (dBA)	20-29	38	48
外形尺寸 (闊 x 高 x 深) (毫米) Dimensions (W x H x D) (mm)	394 x 540 x 281		
重量 (公斤) Weight (kg)	5.8		
顏色 Color	黑色 Black		

規格設計如有變更，恕不另行通知。

Design and specifications are subject to change without prior notice.

**SHARP**

**DCH EA**  
DOH ELECTRICAL APPLIANCES DIVISION  
代理：大昌貿易行有限公司

**SHARP**



High-Density 7000

世界  
首創

High Density Plasmacluster

捕蚊空氣清新機

Air Purifier with Mosquito Catcher



FP-FM40A



# 捕蚊技能

## Mosquito Catching Performance

MOSQUITO

CATCHER

Room Size  
322ft<sup>2</sup>

### 1 引誘 Attract

- 1 利用紫外光引誘蚊子飛近機身  
Makes use of UV light to attract mosquitoes
- 2 黑色機身吸引蚊子停在附近  
Mosquitoes get attracted towards black body
- 3 再利用機背的小窗吸引蚊子進入  
Back entrance is designed as mosquito favourite size

### 2 吸入 Inhale

強大的吸附力吸入蚊子  
Mosquitoes sucked by powerful air suction

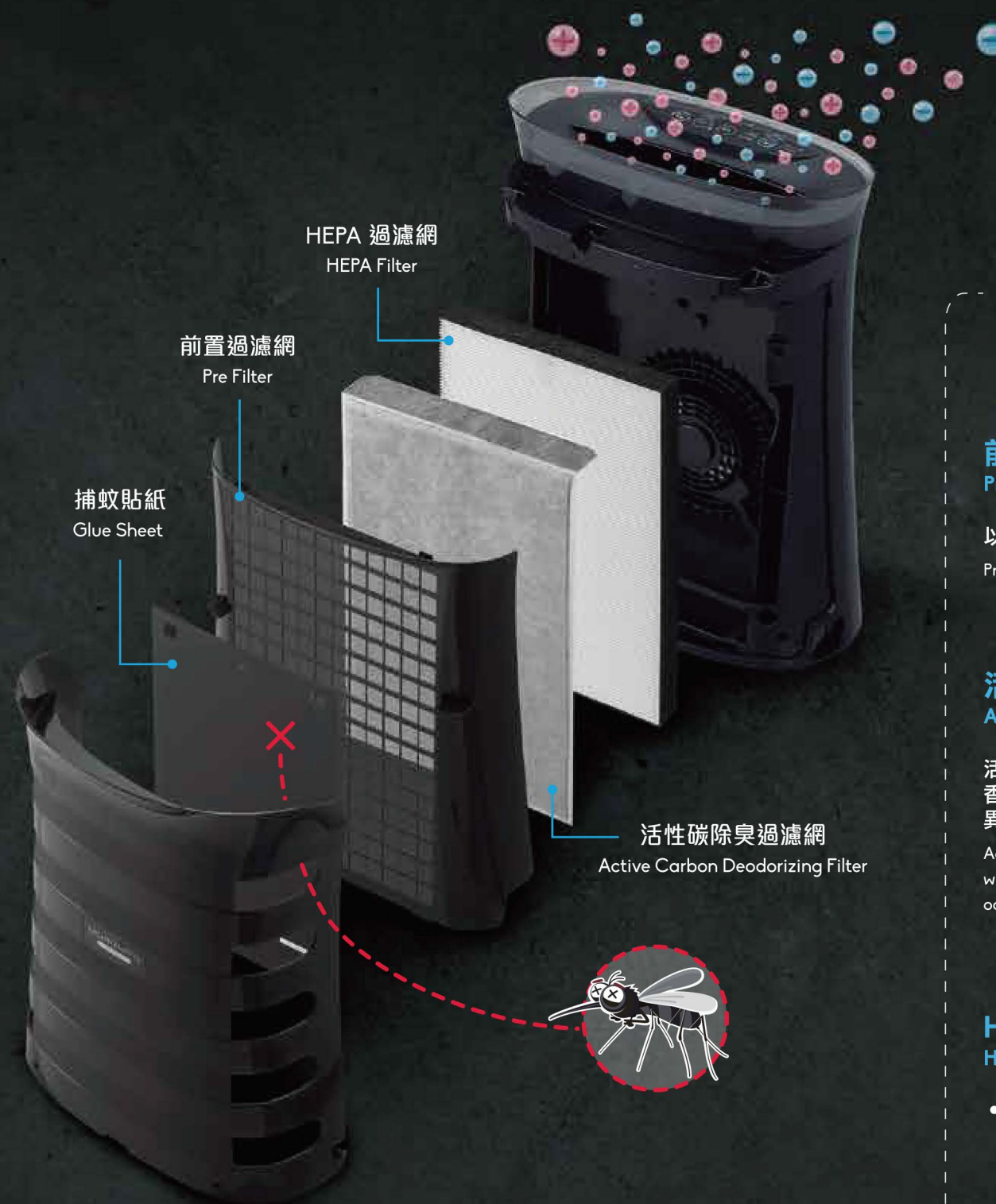
### 3 捕獲 Catch

備有強大黏力的捕蚊貼成功捕獲蚊子  
Powerful glue sheet strongly catches the mosquitoes

Mosquitoes  
Catch!

\*1 不能去除香煙中的有害物質如一氧化碳。  
Cannot remove harmful substances such as carbon monoxide.

\*2 過濾0.3微米之微塵粒子時。  
Dust collection efficiency of the filter for 0.3µm particles.



## 三重淨化過濾系統

### Effective Filtering System

#### 前置過濾網

##### Pre Filter

以細密網面過濾塵埃、頭髮、寵物毛髮等較大的粒子。

Pre Filter capture large dust particles likes hairs, pet hairs & dusts.

#### 活性碳除臭過濾網

##### Active Carbon Deodorizing Filter

活性碳除臭過濾網具強力除臭功能，能去除各種異味，如香煙煙味\*1、垃圾臭味及寵物異味等，還能有效去除甲醛異味。

Active Carbon Deodorizing Filter has powerful deodorizing ability which remove various kinds of odors, such as cigarette smoke\*1, garbage odor and pet odor. It can also remove formaldehyde effectively.

#### HEPA 過濾網

##### HEPA Filter

- HEPA過濾網可過濾細小至0.3微米的微塵粒子、香煙粒子\*1及花粉。

Collect tiny dust, cigarette particles\*1 and pollen as small as 0.3µm.

- 過濾效能高達99.97%\*2

99.97% dust collection rate\*2



## 捕蚊率高達99%\*<sup>1</sup> 99% Mosquito Extermination Rate\*<sup>1</sup>



捕蚊空氣清新機的捕蚊率高達99%，有效捕獲多種昆蟲，如蚊滋、白紋伊蚊、蠓、蒼蠅及飛蛾等。由於蚊是傳播病毒的主要媒體，杜絕蚊患有效預防由蚊傳播的病毒，如登革熱、寨卡病毒等。

The mosquito catcher has a high mosquito extermination rate at 99%, effectively exterminating multi types of pest including mosquito, aedes albopictus, midge, fly and moth etc. Using mosquito catcher can effectively eliminate mosquito breeding, hence to preventing the transmission of Dengue Fever and Zika Virus and other mosquito-borne diseases.



\*1 測試機構：中國國家相關機構  
測試方法：在中風速模式下開啟捕蚊功能，  
對白紋伊蚊的平均捕獲率為99.4%  
Tested by: Research laboratory in China  
Test method: 99.4% mosquito  
extermination rate of aedes albopictus  
under operation at medium fan mode  
with mosquito catcher button on.

SHARP 的 Plasmacluster 是唯一採用正、負離子淨化空氣的技術。

SHARP's Plasmacluster is the only technology using positive and negative ions to purify air.



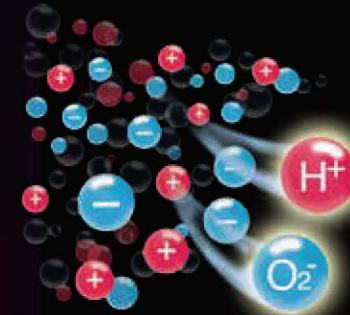
離子產生器會產生及釋放與自然環境相同的正、負離子。SHARP 首創的 Plasmacluster 空氣淨化技術，能有效抑制空氣中的霉菌及病毒。

Plasmacluster Ion Generating Unit generates and emits the same positive and negative ions that occur in nature. Plasmacluster technology is SHARP's original air purifying technology that inactivates suspended airborne mold and virus.

## Plasmacluster 空氣淨化技術 Plasmacluster Technology

High Density Plasmacluster 配合三重過濾網，迅速淨化室內的空氣，為您的寶寶營造安心健康的成長環境。

Strong air purifier performance with High Density Plasmacluster and effective filtering system, provide to you and your family a secure and healthy life.



### 1 釋放 Plasmacluster 正、負離子 Release Plasmacluster Ion

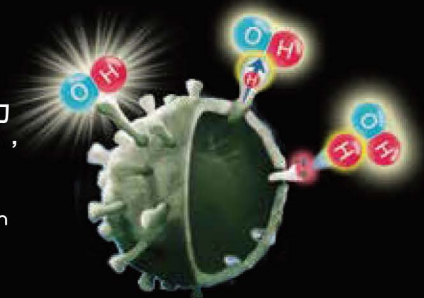
Plasmacluster Ion 與自然環境的正、負離子相同。這些離子被水分子包圍，再釋放到空氣中。

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

### 2 破壞空氣中的微生物細胞 Attack Suspended Airborne Microbes

正、負離子接觸到霉菌及病毒時，便會形成有高度氧化能力的氫氧基 (OH)，然後從病毒細胞上的蛋白質提取氫原子 (H)，以抑制其活動能力。

The ions form hydroxide (OH) radicals that are highly oxidizing only when they adhere to the surfaces of mold and virus. They instantly remove the hydrogen (H) from the surface proteins, breaking them down.



### 3 轉化為水分回歸空氣 Return to the Air as Water

氫氧基 (OH) 與氫原子 (H) 結合，轉化為水分 (H<sub>2</sub>O) 重回空氣中。

The hydroxide (OH) radicals combine with hydrogen (H) to form water (H<sub>2</sub>O) which returns to the air.



榮獲由日本社團法人發明協會 (JIII) 主辦的 2008 年全國發明大獎賽「發明賞」專利權由 SHARP 擁有 (專利編號：3680121)

Winner of the Invention Prize at the 2008 National Invention Awards Ceremony held by the Japan Institute of Invention and Innovation (JIII) Patented by SHARP (Patent No. 3680121)



# 智能操作 淨化效能卓越

Intelligence Operation, Effective Air Purifying Power

## 獨有「強力 Plasmacluster 除菌」模式

Special "Ion Shower" Operating Mode



以噴射方式在空氣中釋放60分鐘高濃度的 Plasmacluster Ion  
Discharge concentrated Plasmacluster Ion in a shower-like pattern into the air for 60 minutes



可淨化室內的塵埃污物  
Purify household dust



有效抑制空氣中的病毒、霉菌及致敏原  
Inactivate airborne viruses, mold and allergens effectively



可抑制從室外帶進室內的刺激物  
Inactivate airborne irritants brought from outside

## 淨化度指示燈

Clean-sign Light

當塵埃感測器檢測到室內空氣污濁時，指示燈的顏色會產生變化，以顯示現時的空氣質素。

When contaminants are detected by Dust Sensor, the light color will change to indicate the air condition of the room.

潔淨 (綠色) Clean (Green)

普通 (橙色) Moderate (Orange)

污濁 (紅色) Dirty (Red)

## 塵埃感測器

Dust Sensor

塵埃感測器可感測空氣中的灰塵、塵蟎、花粉等物質。

Dust Sensor can detect dust, dust mites, pollen, etc.



灰塵  
Dust



塵蟎  
Dust mites



花粉  
Pollen



## 寧靜操作

Quiet Operation

低至 20 分貝



切換至睡眠模式時，前置監察器指示燈將會關掉，UV燈變暗，在捕蚊的同時為你提供寧靜的睡眠環境。

The indicator light will be turned off and the UV light will be dimmed in sleep mode. It provides a quite sleeping environment.

# 貼心設計 安全又可靠

Caring Design, Safe and Reliable



## 捕蚊貼紙易於更換

Easy To Replace

當捕蚊貼紙更換指示燈閃爍時，即代表捕蚊貼需要更換。捕蚊貼共有3層，只需輕輕撕下已使用的蚊貼，即可繼續使用。

Flashing of the glue sheet light is a signal for changing the glue sheet. A new set of glue sheet come with 3 layers, change the glue sheet by peeling off the used one. Replace with a new set of glue sheet when all layers are used.

