SHARP

FU-NC01



"Plasmacluster" and "Device of a cluster of grapes" are trademarks of Sharp Corporation.



* The number in this technology mark indicates an approximate number of ions supplied into air of 1 cm³, which is measured around the center of a room applicable floor area (at 1.2 m height above the floor) when the product is placed on the floor and is operating with MAX mode.

AIR PURIFIER OPERATION MANUAL

空氣清新機使用說明書

ENGLISH

Thank you for purchasing this SHARP Air Purifier.

Please read this manual carefully before using the product.

This manual should be kept in a safe place for handy reference.

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Please read before operating your new Air Purifier

The air purifier draws in room air through the Air Inlet, circulates it through a Pre-Filter, a Two in one dust collection and deodorizing Filter inside the product, and then discharges it through the Air Outlet. The Two in one dust collection and deodorizing Filter can remove dust particles and absorb odors as they pass through the filter.

Some odors absorbed by the filters will break down over time, causing additional odors. Depending on usage conditions, and especially if the product is used in environments significantly more severe than a normal household, these odors may become noticeable sooner than expected. If these odors persist, replace the filters.

NOTE

The air purifier is designed to remove air-suspended dust and the odors.
 The air purifier is not designed to remove harmful gases such as carbon monoxide contained in cigarette smoke.

The air purifier may not completely remove an odor if the source of the odor is still present.

IMPORTANT SAFETY INSTRUCTIONS

Always follow <u>basic safety precautions</u> when using electrical appliances, including the following:

WARNING – Always observe the following to reduce the risk of electrical shock, fire, or injury:

- · Read all instructions before using the product.
- Use only a 220 240 volt outlet.
- Use only the AC adapter of the product.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
 - Children should be supervised to ensure they do not play with the appliance.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, a Sharp authorized Service Center or similarly qualified persons in order to avoid a hazard. Contact the nearest Service Center for any problems, adjustments, or repairs.
- · Do not repair or disassemble the product yourself.
- Be sure to remove the AC adapter before performing maintenance, when removing and attaching and replacing the filter and when not using for a long time. Failure to do so can cause a short circuit resulting in electrical shock or fire.
- Do not use the product if the power cord or AC adapter is damaged or if the connection to the wall outlet is loose.
- Periodically remove dust from the AC adapter.
- Do not insert fingers or foreign objects into the Air Inlet or Air Outlet.
- When removing the AC adapter, always hold the AC adapter and never pull on the cord. Failure to do so can cause a short circuit resulting in electrical shock or fire.
- Be careful not to damage the power cord. Failure to do so can cause electric shock, heat generation, or fire.

- Do not remove the AC adapter when your hands are wet.
- Do not use this product near gas appliances or fireplaces.
 When the product is operated with gas appliances in same room, Ventilate a room periodically, otherwise it may cause Carbon monoxide poisoning.
- Do not operate the product in rooms where aerosol insecticides are present. Do not operate the product in rooms where there is oily residue, incense, sparks from lit cigarettes, or chemical fumes in the air.
- Keep the product away from water. Do not operate the product in places where it may get wet, such as a bathroom.
- Do not expose the product to water. Doing so can cause a short circuit or electrical shock.
- Be cautious when cleaning the product. Strong corrosive cleansers can damage the exterior.

NOTE – What to do if the product interferes with radio or TV reception

If the air purifier interferes with radio or television reception, try one or more of the following measures:

- Adjust or reposition the receiving antenna.
- Increase the distance between the product and the radio or TV.
- Connect the equipment into an outlet on a circuit different from that of the radio or TV receiver.
- Consult the dealer or a qualified radio or TV technician.

CAUTIONS CONCERNING OPERATION

- · Do not block the Air Inlet or Air Outlet.
- Do not place the product near or on hot objects, such as stoves or heaters, or where it may come into contact with steam.
- Always operate the product in an upright position.
- Do not move the product when it is in operation.
- If the product is on easily damaged flooring, an uneven surface, or thick-piled carpet, lift it up when moving.
- Do not operate the product without the filters properly installed.
- Do not wash and reuse the Two in one dust collection and deodorizing Filter. Doing so will not improve filter performance and can also cause electric shock or operating malfunctions.

- Clean the exterior with a soft cloth only. Do not use volatile fluids or detergents. The product surface may be damaged or cracked with Benzine paint thinner, alcohol or polishing powder.
- Do not scrub the Pre-Filter hard during its maintenance.
- Do not use the AC adapter for other products.
- · Do not get or lean on the product.

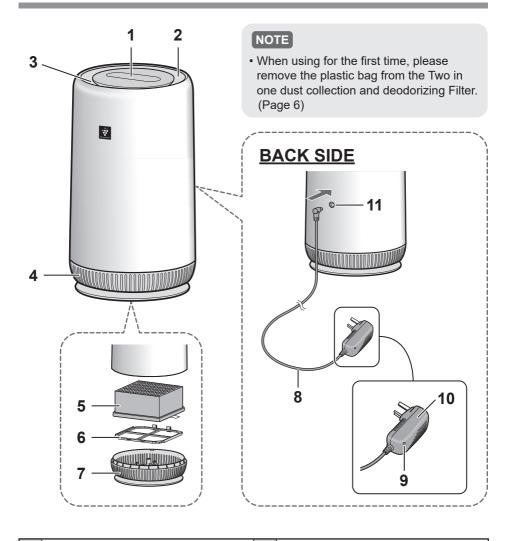
INSTALLATION GUIDELINES

- Avoid locations where furniture, fabrics, or other objects can come in contact with the product and interfere with the Air Inlet and Air Outlet.
- Avoid locations where the product is exposed to condensation or drastic changes in temperature. Appropriate room temperature is between 0 – 35 °C.
- Place the product on a level and stable surface with sufficient air circulation. When placed on heavy carpet, the product may vibrate slightly.
- Avoid locations with grease, oil smoke, alcohol, hypochlorous acid, or chemicals in the air. Doing so can cause the product exterior to crack.
- The surrounding walls and floor of the product may become dirty over time. When using the product for an extended period of time at the same location, periodically clean the walls and floor adjacent to it.
- Do not use fluororesin or silicone-containing products (cosmetics, hair care products, etc.,) near the product. The fluororesin or silicone could get stuck inside the product, preventing it from producing Plasmacluster ions.

FILTER GUIDELINES

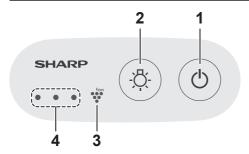
• Follow the instructions in this manual for proper filter care and maintenance.

PART NAMES



1	Operation Panel	7	Bottom Cover	
2	Night Light	8	Power Code	
3	Air Outlet		Power Lamp (Blue)	
4	Air Inlet	9	The lamp lights up while the AC	
5	Two in one dust collection and deodorizing Filter		adapter is connected to the outlet. AC Adapter	
6	Pre-Filter	11	AC Adapter Terminal	

OPERATION PANEL



1	Power ON/OFF and Mode Button		
2	Night Light Button Plasmacluster Ion Lamp (Blue)		
3			
4	Mode Lamps (White)		

POWER ON/OFF AND SETTING MODE



NOTE

• In LOW mode, the lamps on the Operation Panel lights up dimly.

NIGHT LIGHT ON/OFF



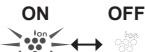
ON ←→ OFF



ASMACLUSTER ION ON/OFF



Press for 3 sec.



NOTE

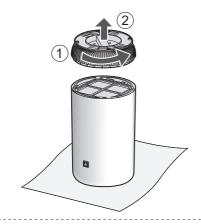
· Plasmacluster ion will become always ON when after disconnecting and connecting the AC adapter again.



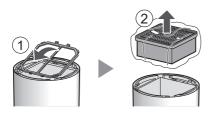
1 Turn the product upside down.



2 Remove the Bottom Cover.



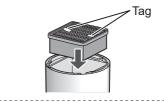
3 Remove the Pre-Filter (1) and the Two in one dust collection and deodorizing Filter (2).



4 Remove the Plastic Bag.



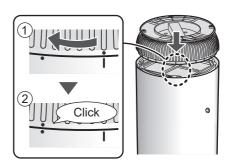
5 Attach the Two in one dust collection and deodorizing Filter.



6 Attach the Pre-Filter.



7 Attach the Bottom Cover.



CARE AND MAINTENANCE

Always be sure to remove the AC Adapter from the wall outlet.



MAIN BODY

When it gets dirty

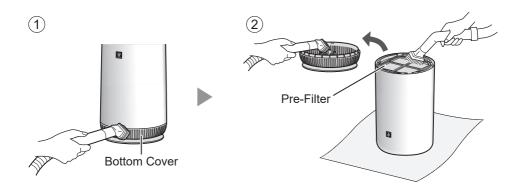


Wipe with a dry, soft cloth.

AIR INLET / PRE-FILTER

Once a month

Remove the dust gently with a cleaning tool such as a vacuum cleaner.



NOTE About Pre-Filter

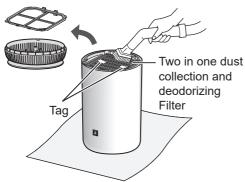
- Do not apply excessive pressure when scrubbing the Pre-Filter.
- · How to clean hard to remove dirt.
 - Add a small amount of kitchen detergent to water and soak for about 10 minutes.
 - 2. Rinse off the kitchen detergent with clean water.
 - 3. Completely dry the filter in a well ventilated area.



Two in one dust collection and deodorizing Filter

Whenever dust accumulates, or when odor emanates from the air outlet.

Remove the dust on the filter.



Clean only the tagged surface. Do not clean up the opposite surface. The filter is fragile, so be careful not to give too much pressure.

NOTE

- Do not wash the filter. Do not expose to sunlight. (Otherwise these filter may lose efficacy.)
- Some odors absorbed by the filter will break down over time, causing additional odors. Depending on usage conditions, and especially if the product is used in environments significantly more severe than a normal household, these odors may become noticeable sooner than expected. Replace the filter in those cases or if dust is unable to be removed after maintenance.

FILTER REPLACEMENT

Always be sure to remove the AC Adapter from the wall outlet.



LIFE OF FILTER

Filter life varies depending on the room environment, usage conditions, and location of the product.

Lifespan of the Two in one dust collection and deodorizing Filter and replacement suggestions are based on purifying a room in which 5 cigarettes are smoked per day and the product's dust collection and deodorizing performance has declined to half the level of a new filter. We recommend replacing the filter more frequently if the product is used in conditions significantly more severe (PM2.5 etc.,) than a normal household.

 The life of the Two in one dust collection and deodorizing Filter is about 1 year after opening.

REPLACEMENT FILTER MODEL

Consult your dealer when purchasing a replacement filter.

Two in one dust collection and deodorizing Filter (1 unit)

FZ-N15SFE



Dispose of used filters according to local laws and regulations.

material:

- Polypropylene
- Polyethylene
- · Activated carbon

TROUBLESHOOTING

Before calling for service, please review the Troubleshooting list below, since the problem may not be the product malfunction.

It doesn't operate.

 Check if the AC adapter is correctly connected to the product and the outlet. (It may take some time until the operation starts when after connecting the AC adapter.)

Odor and smoke persists.

- · Is the filter still in the plastic bag? Take out the filter.
- Has the wind from the Air Outlet been weakened?
 In that case, clean the Bottom Cover, the Pre-Filter and the Two in one dust collection and deodorizing Filter.

Air discharged from the product has an odor.

- · Check to see if the filters are extremely dirty.
- · Clean or replace the filters.

Smell from a new product and/or filter.

 Immediately after removing the plastic bag, a slight odor may occur. This odor is not harmful for filter performance or human exposure.

The Plasmacluster Ion Lamp is turned off.

• When the Plasmacluster Ion is set to "OFF", the Lamp automatically turns off. If you do not want the light to be off, set the Plasmacluster Ion to "ON" setting. (Page 5)

The LOW mode Lamp is flashing.

• Unplug the product, wait one minute, and then plug the product in again. If the flashing repeats periodically, please contact the customer service.

SPECIFICATIONS

Model	FU-NC01		
Power supply	AC adapter		
Rated input	AC 100 - 240 V 50 - 60 Hz 1 A		
Rated outlet	DC 24 V 1.5 A		
Fan Speed Adjustment	MAX	MED	LOW
Fan Speed (m³ / hour)	90	48	18
Rated Power (W)	20	8.6	3.0
(Value when the Night Light is off.)	(20)	(8.1)	(2.5)
Noise Level (dBA) *1	48	34	22
Standby power (W)	Approx. 0.5		
Recommended Room Size (m²) *2	~ 10		
High density Plasmacluster ion recommended room size (m²) *3	~ 10		
Filter Type	Two in one dust collection and deodorizing		
Cord Length (m)	Approx. 1.8		
Dimensions (mm)	190 (Ф) × 330 (H)		
Weight (kg)	Approx. 2.0		

- *1 Noise level is measured based on the JEM1467 standard of the Japan Electrical Manufactures' Association.
- *2 The recommended room size is appropriate for operating the product of maximum fan speed.
 - The recommended room size is an area in which a given amount of dust particles can be removed in 30 minutes (according to JEM1467).
- *3 Room size in which approximately 7000 ions per cubic centimeter can be measured in the center of the room, at a height of approximately 1.2 meters from the floor, when the product is placed on the floor and is running at MAX mode.

Standby Power

When the product's AC adapter is inserted in a wall outlet it consumes standby power in order to operate electrical circuits.

To conserve energy, unplug the AC adapter when the product is not in use.

中文

感謝您購買 SHARP 空氣清新機。 在使用空氣清新機前, 請詳細閱讀本使用說明書。 請將本使用說明書放在安全的地方, 方便查閱。

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封底

操作您的新空氣清新機之前,請詳細閱讀本使用說明書

空氣清新機經吸風口吸入室內空氣, 使其通過主機內的前置過濾網和集塵, 脫臭二合一過濾網, 然後從出風口排出。當空氣通過時, 集塵, 脫臭二合一過濾網能夠去除灰塵粒子。當異味成分經過集塵, 脫臭二合一過濾網時, 便逐步被其吸收。

由於空氣清新機是收集房間整體的灰塵和異味成分的機器。 視使用情況 · 尤其是倘若主機在較普通家庭的空氣更嚴重的環境中使用 · 該等異味可能比預期更加明顯。 如果保養還是無法去除異味時 · 請對集塵 · 脫臭二合一過濾網進行更換。

注意

本空氣清新機用於去除空氣中懸浮的灰塵和異味。而不能去除有害氣體(如:香菸煙霧中的一氧化碳)。如果異味源仍然存在,空氣清新機可能無法徹底去除異味。

重要安全事項

使用電器時, 必須遵守基本安全預防措施, 包括以下各方面:

警告 – 為了減少電擊、 火災或受傷等危險:

- 在使用主機之前請閱讀所有注意事項。
- 只能使用 220 240 V 插座。
- 請使用本產品專用的 AC 電源供應器。
- 除非得到監護人或負責其安全人士的適當監督或指導,否則,本 機不適合身體機能或心智能力退化者,或缺乏操作經驗和知識的 人士(包括兒童)使用。兒童應受到適當的監管,以確保不會 以此機器作玩具。
- 如果電源線損壞,必須由製造商或代理商,台灣夏普公司特約維 修機構或具有同等資格的人員負責更換,以免發生危險。 若本機出現任何問題、需要調校或修理,請聯絡台灣夏普客戶服 務中心。
- 請勿自行維修或拆解本產品的主機。
- 於維修前,移除及連接及更換過濾器以及長期不使用時,確保移除 AC 電源供應器。否則可能導致電擊或因短路引起火災。
- 如果電源線或 AC 電源供應器已經損壞,或者牆上的電源插座已 鬆脫,請勿使用主機。
- 定期清除 AC 電源供應器上的灰塵。
- 請勿將手指或異物插入吸風口或出風口。
- 當拔掉 AC 電源供應器時,必須緊握 AC 電源供應器插頭而不要 拉扯電線。否則可能導致電擊或因短路引起火災。
- 小心不要損壞電源線,以免導致觸電、過熱或起火。
- 丰濕時請勿拔掉 AC 電源供應器。
- 請勿在氣體設備或壁爐附近使用主機。當將產品用於內有燃氣器 具的同一室內時,應定時給房間通風,否則可能造成一氧化碳中 毒。
- 當使用噴霧殺蟲劑時請勿使用主機。若空氣中有油性殘留物、薰香、香菸火花或化學煙霧,則不得在室內操作主機。
- 請保持主機遠離水源。浴室等可能被淋濕的地方也不要使用主機。
- 主機請勿碰水。碰水是產生觸電及短路的原因。
- 清潔主機時請注意,腐蝕性清潔劑可能會損壞外殼。

注意 - 收音機或電視干擾

如果本空氣清新機對收音機或電視接收造成干擾, 請嘗試以下列其中一項或多項措施修正干擾:

- 重新調整或重新放置接收天線。
- 增加主機與收音機 / 電視機接收器之間的距離。
- 將主機與接收器連接至不同的電源插座或供電線路。
- 如需協助, 請聯絡經銷商或專業的收音機/電視技術人員。

操作注意事項

- 請勿堵塞吸風口或出風口。
- 不要靠近或在熱源物體上(如爐灶或暖爐式可能接觸到蒸汽的場所)使用主機。
- 對主機進行操作時,請始終保持其處於百立狀態。
- 當主機處於運行狀態時, 切勿對其進行移動。
- 在榻榻米墊、易損的地面、不平坦處及較厚地毯上要將設備抬起來移動。
- 正確安裝過濾網之前切勿運行主機。
- 切勿用水清洗和重新使用集塵 · 脫臭二合一過濾網。這樣做不僅無法改善過濾網的性能 · 而且可能會導致觸電或機件 故障的發生。
- 僅可使用柔軟的布對主機外部進行清潔。切勿使用揮發性液體或 清潔劑。主機表面可能被汽油、油漆稀釋劑或酒精、拋光粉損壞 或破裂。
- 保養與清潔時,不得用力擦洗前置過濾網。
- 本產品專用的 AC 電源供應器請勿使用在其他產品上。
- 主機上方請勿放置其他物品。

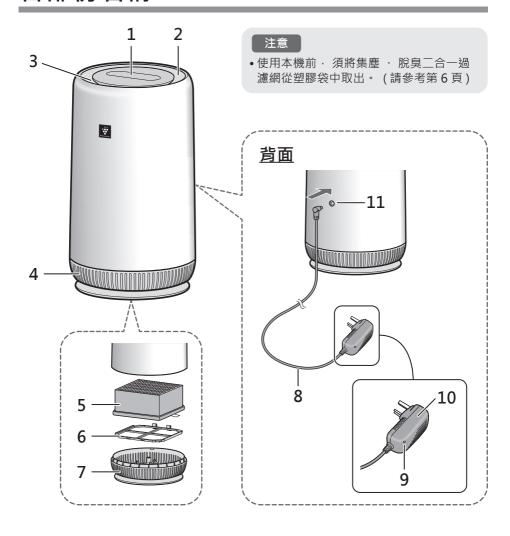
安裝指南

- 避免在有可能與傢俱、織物或其他物品接觸的位置使用主機,否則可能無法保證吸風口或出風口的通暢。
- 請勿安裝在由於溫度劇烈變化而導致主機直接暴露於冷凝環境的 地方。只適宜在 0 - 35 ℃之間的室溫下使用。
- 安裝必須穩固且通風良好。建議放置在室內中間的位置,空氣清 淨的效果最佳。把主機放置在鋪有厚地毯的地方時,可能導致主 機微微震動。
- 避免在會產生油脂、油煙、酒精、次氯酸或化學物質的場所使用。否則可能會導致主機表面發生裂開。
- 請將主機遠離牆壁或床,經過一段時間後正對吹出口後方的牆壁 可能會變髒。在相同位置長期使用主機時,請定期清潔附近的牆壁。
- 勿在自動除菌離子產生器附近,使用含氟樹脂或含矽配方化粧品或護髮產品等。當主機內附著氟樹脂或矽之後,有可能不再產生自動除菌離子。

過濾網指南

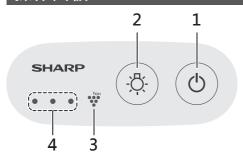
• 遵照說明書指示,了解正確保養和清潔過濾網的方法。

各部份名稱



1	操作面板	7	底蓋	
2	夜燈	8	電源線	
3	出風口	9	電源燈(藍)	
4	吸風口	9	• AC 電源供應器插入電源插座後燈亮。	
5	集塵 ・ 脫臭二合一過濾網	10	AC 電源供應器	
6	前置過濾網	11	AC 電源供應器連接端子	

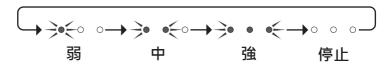
操作面板



- 1 電源開/關和風量切換按鈕
- 2 夜燈按鈕
- 3 自動除菌離子運轉指示燈(藍)
- 4 風量指示燈(白)

電源開/關和風量切換





注意

• 風量 「弱」 模式時操作面板燈光會變暗。

夜燈開/關

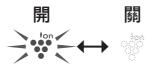


開燈 ←→ 關燈



自動除菌離子運轉 開/關





注意

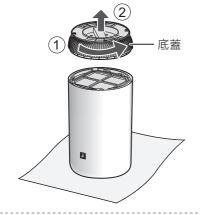
自動除菌離子運轉設定為關閉時,當 AC電源供應器拔除再插上後自動除菌離子運轉會自動設定為打開。



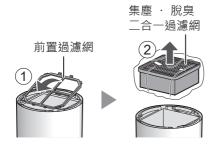
1 倒放機台。



2 取出底蓋。



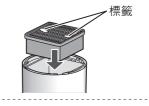
- 3 ① 取下前置過濾網。
 - ② 取出集塵 · 脫臭二合一過 濾網。



4 従塑膠袋中取出集塵 · 脫臭 二合一過濾網。



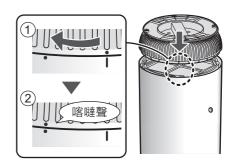
5 安装集塵 · 脫臭二合一過濾網。



6 安裝前置過濾網。



7 安裝底蓋。





主機

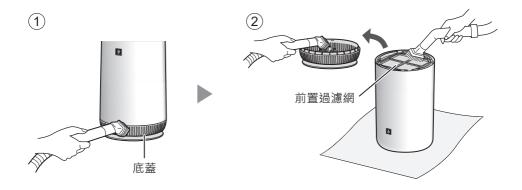


使用柔軟乾布擦拭。

吸風口/前置過濾網

1個月1次

用真空吸塵器吸頭或類似工具輕輕地吸去灰塵。



注意 關於前置過濾網

- 不得用力擦洗前置過濾網。
- 對於難處理的污垢
 - 1. 在含廚房清潔劑的水中浸泡約 10 分鐘。
 - 2. 用清水清洗去除廚房清潔劑。
 - 3. 在通風良好之處使過濾網徹底風乾。 如果有可能, 請於室外風乾。



清除集塵 · 脫臭二合一過濾網上的灰塵。



只有帶標籤的一面需要清潔。 請勿清潔相反面。 濾網較為脆弱 · 所以請小心不要施加過大的壓力。

注意

- •請勿水洗。 請勿在陽光下晾曬。 (否則這些濾網可能失去功效。)
- 由於空氣清新機是收集房間整體的灰塵和異味成分的機器。 過濾網的使用壽命會因室內環境因素、使用方法和本機放置的位置不同而有所差別。 如果灰塵或異味持續存在,則應更換過濾網。 視使用環境與使用習慣不同,上述耗材可能須提早更換。

更換過濾網

確保將 AC 電源供應器從 牆壁的插座上拔出。



更換時期

過濾網的使用壽命會因室內環境因素、 使用方法和主機放置的位置不同而有所差別。

集塵 · 脫臭二合一過濾網的壽命及更換 建議乃基於淨化每日吸 5 根香菸的室內空 氣作出 · 而主機的集塵及除臭表現已下降 至新過濾網的一半水平。

若主機在較一個普通家庭空氣更嚴重 (PM2.5 等)的情況下使用.則我們推 薦比較頻繁地更換過濾網。

• 集塵 · 脫臭二合一過濾網的使用壽命開 封使用後大約1年。

更換用過濾網型號

如需購買更換用過濾網 · 請與台灣夏普客 戶服務中心聯繫 · 請按照當地法律規定 來處理已使用的過濾網 ·

集塵 · 脫臭二合一過濾網 (1 件) FZ-N15SFE



材料:

- 聚丙稀
- 聚乙稀
- 活性碳

維修前的檢查事項

在要求修理之前, 請參照下面的維修前的檢查, 因為有些問題可能不是本機故障而引起的。

無法運轉

• 請確認 AC 電源供應器與主機是否連接正確。 (當接上 AC 電源供應器時有可能無法 立即運轉·並非故障。)

不能去除異味和煙霧。

- 請確認是否從塑膠袋中取出了過濾網。
- 出風口的風量變弱?請清潔底蓋與前置濾網與集塵 · 脫臭二合一濾網的灰塵跟髒污。

排放的空氣有異味。

- 檢查過濾網是否已很髒。
- 清潔或更換過濾網。

<u>第一次使用時會產生異味。</u>

• 第一次使用時會產生異味, 是塑膠所引起的, 使用一段時間之後異味就會減少。

<u>新過濾網的味道。</u>

• 將新濾網的塑膠袋拆開後 · 您可能會聞到一股氣味 。 該氣味對過濾網運作或人體安全 皆無害。

自動除菌離子運轉指示燈熄燈。

• 在自動除菌離子運轉設定為 「關」 時 · 將固定維持在熄燈狀態 · 若您希望燈光不 熄燈 · 將自動除菌離子運轉設定為 「開」設定 · (請參考第5頁)

「弱」 模式指示燈閃爍。

- 拔掉 AC 電源供應器, 等待一分鐘, 然後再次接通主機電源。
 - 一直出現閃燈的情況時, 請聯繫客戶服務中心。

規格

型號	FU-NC01			
電源	AC 電源供應器			
額定輸入	AC 100 -	AC 100 - 240 V 50 - 60 Hz 1 A		
額定輸出		DC 24 V 1.5 A		
運轉模式	強	中	弱	
風量 (m³ / 小時)	90	48	18	
額定功率 (W) (夜燈關閉時的顯示值)	20 (20)	8.6 (8.1)	3.0 (2.5)	
噪音 (dBA) * ¹	48	34	22	
備用耗電量 (W)	~ 10			
空氣清淨推薦適用的房間大小 (m²) *²	大約 0.5			
高濃度自動除菌離子濃度適用面積 (m²) *3	~ 10			
過濾網種類	集塵 · 脫臭二合一			
電源線長度 (m)	大約 1.8			
外形尺寸 (mm)	190 (徑)×330(高)			
重量 (kg)	大約 2.0			

- *1 噪音值是根據日本電機工業會規格 (JEM1467) 基準所測出。
- *2 推薦房間大小 : 在最大風速下運行本機時最適合的房間大小。
- 推薦房間大小區域是指在 30 分鐘內能去除固定數量的灰塵粒子的區域。 (JEM1467)
- *3 適用面積為 : 主機放置在地上「強」模式運轉時 · 在中央位置(高度 1.2 m)測得 7,000 個 /cm³ 離子數量為空間大小的推薦坪數 。

關於備用耗電

為了電路操作、當電源插頭插入牆壁的電源插座時、本產品會消耗備用耗電量。

為了節約用電,請於不使用本機時移除電源插頭。

