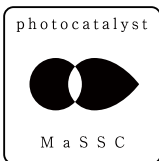
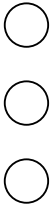


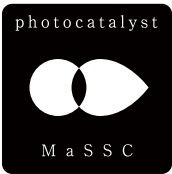
Characteristics of MaSSC Clean..... 2
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MC-VII User Manual



Product Enquiry Hotline: 23130666
Hong Kong Repair Service Hotline: 24065777

Characteristics of MaSSC Clean



This MaSSC mark represents that Fujico's unique thermal spray technology is applied on coating of photocatalyst and anti-bacteria metal made of hybrid highly disinfect material. MaSSC Clean is an air deodorant and bacteria elimination device built-in with MaSSC filters and ultra-violet light lamp and has high capability of deodorant and bacteria elimination.



What is Fujico's original hybrid photocatalyst?

•Disinfection by taking the advantage of photocatalyst

When the photocatalyst is under the light, it will generate "electron (e-)" and "hole (h+)"!

These will react with oxygen (O₂) and water (H₂O) in the air and generate "reactive oxygen species (O₂, OH)".

The reactive oxygen will disintegrate the organic substances into carbon dioxide and water. Attack and damage the surfaces of cells of bacteria.

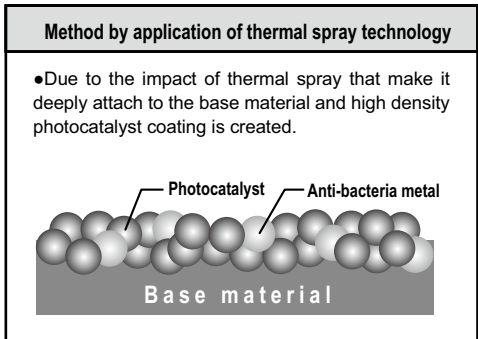
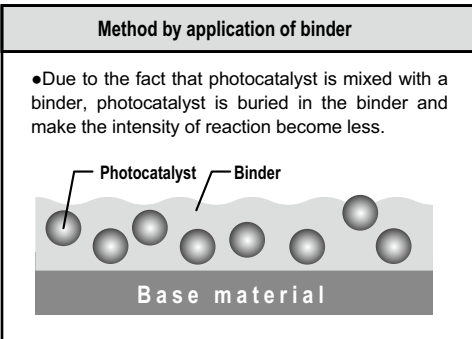
To enhance the power of bacteria elimination +

•Taking the advantage of disinfectant metal

Free metal ion will deactivate the enzyme inside the bacteria and cause them to death.

What is Fujico's unique thermal spray technology?

The conventional photocatalyst coating is that the photocatalyst is mixed with a solvent having binder effects. Therefore, the photocatalyst is buried in the binder and makes the intensity of photocatalyst reaction become less. Fujico has the edge on "thermal spray" technology. By taking advantage of this cutting edge technology, the surface of base material can be covered with high density photocatalyst and such significantly enhance the photocatalyst reaction.



Safety Precautions

■ The details which are the results of wrong application of the product are classified and explained in the followings.



Warning

“it may cause death or serious injury”



Caution

“it may cause slight injury or property damage”



Warning

The following contents are for prevention of accidents or injury resulted in electric shock, electric leakage or fire etc.



- Avoid pulling out the plug of the AC power cord while the device is operating.
(It may cause fire, electric shock and failure.)
- Avoid inserting or pulling out the AC power cord's plug with wet hands.
(It may cause electric shock.)
- Avoid damaging, modifying, bending with unnecessary force, pulling, twisting or tying up the AC power cord and putting it near places of high temperature.
(It may cause fire, electric shock or short circuit.)
- Avoid using the device if damage is found on the AC power cord or plug and the electric outlet is loosened.
(It may cause fire, electric shock or short circuit.)
- Avoid using an extension power cord.
(It may cause fire due to heating.)
- Avoid modifying, dismantling or repairing the device.
(It may cause fire, electric shock or injury.)
- Do not let the main body get wet.
(It may cause fire and electric shock.)
- Avoid using the device at a place accessible by small children.
(It may cause electric shock and injury.)
- Avoid inserting foreign objects such as finger or stick into the openings of air inlets and air outlet.
(It may cause electric shock and injury.)



- Please use 220V alternating current electricity for home use.
(It may cause fire, electric shock and failure.)
- Please make sure to use the AC adaptor provided.
(It may cause fire, electric shock and failure.)
- Please frequently clean away the dust found on the AC power cord's plug.
(If dust accumulated, it may cause fire and electric shock due to insulation failure such as moisture.)



Unplug

- Please make sure to switch off the device and pull out the plug of AC power cord at the time of maintenance, inspection and removal.
(It may cause electric shock and injury.)

Please strictly observe the following instructions.

In order to prevent injury to human body and damage to property, please strictly observe the following instructions.

■ The following marks are used to classify the contents required to be observed.



Don't do



Must do



Caution

The following contents are for prevention of accident and injury resulted in electric shock and fire etc.



■ Avoid putting inflammable materials and lighted cigarette or incense near the air inlets.
(It may cause fire.)

■ Avoid using benzene or thinner to clean the device body or spray insecticides on it.
(It may cause cracking, electric shock and fire.)

■ Avoid turning on the device when indoor fumigation type (smoke type) insecticide is in use.
(Pharmaceutical ingredients may accumulate inside the mechanical part and such may be released from the air blow-out port.)

■ Avoid sitting on or leaning against the device.
(It may cause injury or damage.)

■ Avoid using the device in a humid place such as bathroom etc.
(It may cause fire, electric shock and failure.)

■ Do not let dust accumulate on the filters.
(It may cause failure.)



■ When the device is used together with burning devices, please ventilate the air or open windows frequently.

(This device cannot eliminate mono dioxide.)

It may lead to suffocation due to oxygen deficiency if air ventilation is insufficient.

Please ventilate the air frequently.)



Unplug

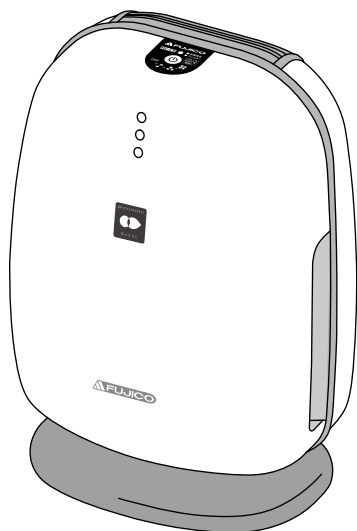
■ Always grasp the plug while unplugging.
(It may cause fire, electric shock and short-circuit.)

■ Unplug the device from the power socket when not in use for a long period.
(It may cause electric shock, electric leakage and fire due to insulation deterioration.)

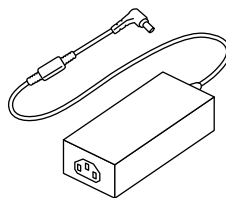
Accessories

Please check the content inside the box.

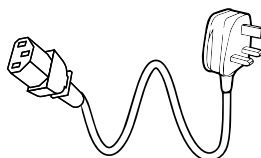
MC-VII main body, front filter 2 pieces (installed), AC adaptor, AC power cord, user manual



MC-VII main body



AC adaptor



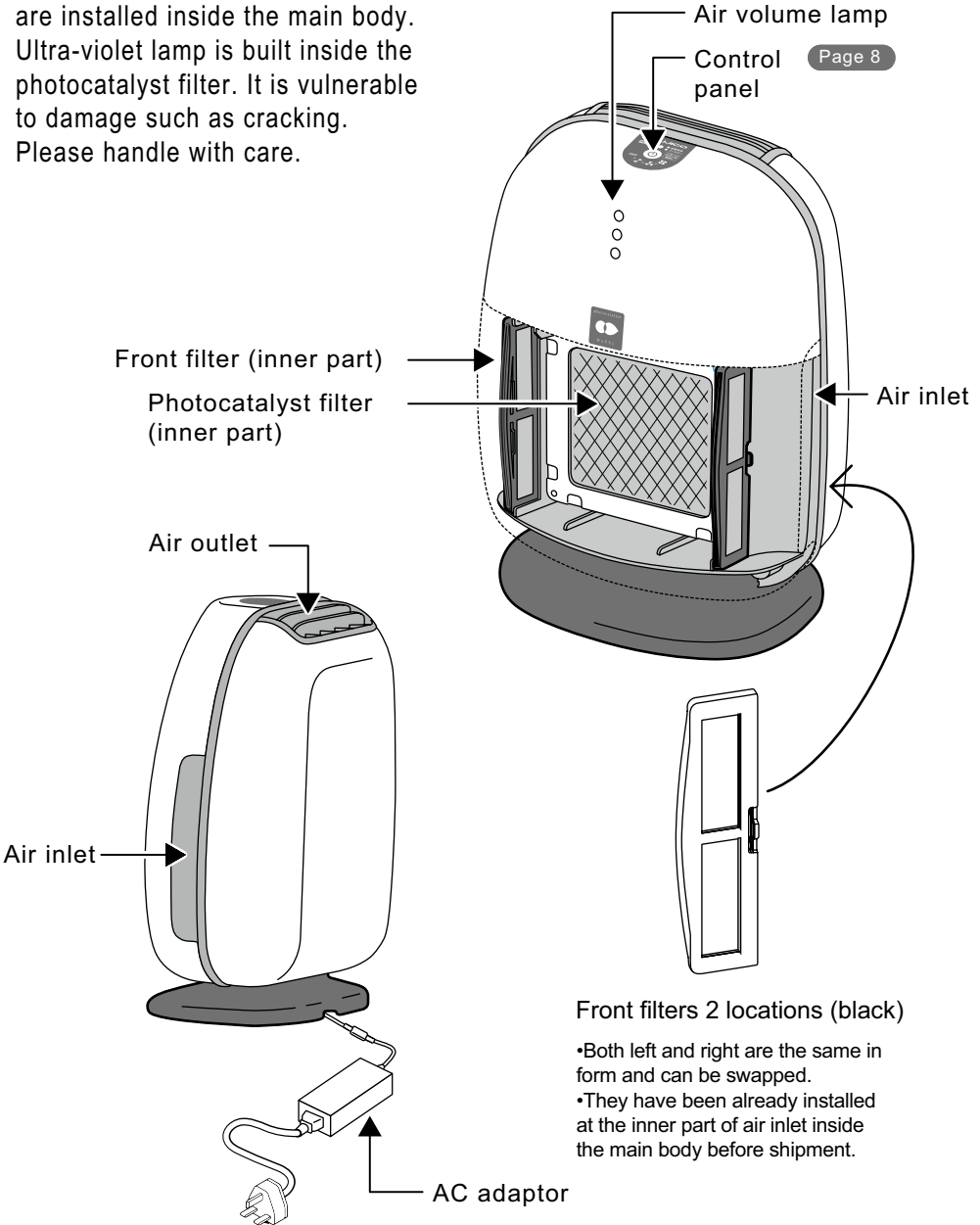
AC power cord



User manual

Parts identification

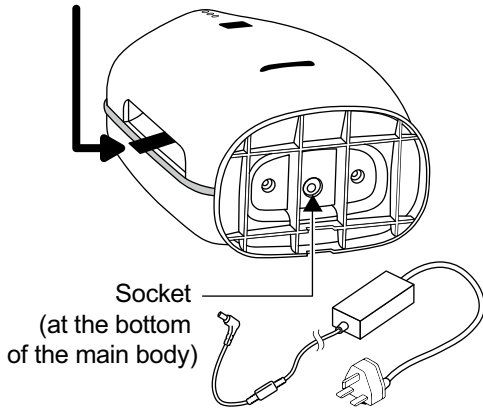
Front filters and photocatalyst filter are installed inside the main body. Ultra-violet lamp is built inside the photocatalyst filter. It is vulnerable to damage such as cracking. Please handle with care.



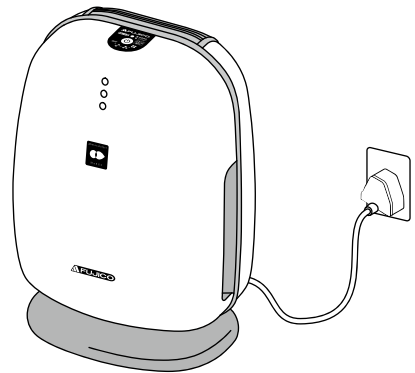
Operating Method

MaSSC Clean MC-VII can be operated by one power button.
To use the device for the first time, simply take away the blue tapes (2 locations of air inlets, left and right) used to temporarily fix the front filters and plug the AC adaptor's plug into the socket found at the bottom of the main body.

Tape (blue) for fixing the front filter temporarily



Then put the device at a suitable place, plug the AC cord's plug into the power outlet and adjust the air volume by the power button on the top of the device.

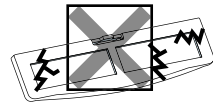


Using the device

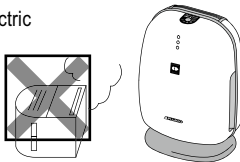
Avoid using the device without the front filters installed.



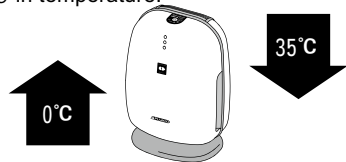
Avoid using damaged front filter. (It may cause mal-function.)



Avoid using the device at a place where vapor generated by a humidifier can reach. (It may cause fire, electric shock and failure.)

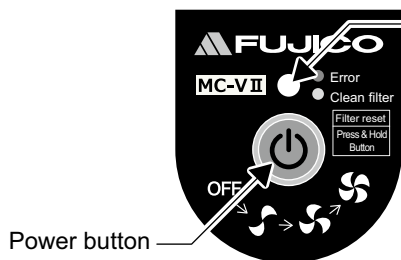


Use the device in a room of 0 to 35°C in temperature.



Using the device

Control Panel



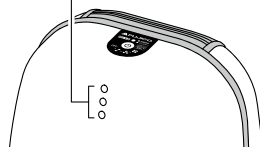
Operation light

● Flashing (red) $\ni\circ\lessgtr$ $\ni\circ\lessgtr$ $\ni\circ\lessgtr$ $\ni\circ\lessgtr$
 →The unit has failed **page 11**

● Light on (orange) without flashing $\ni\circ\lessgtr$
 →Clean the front filter **page 9**

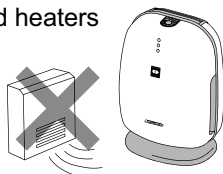
Air Volume	Air volume lamp	Condition
OFF	● ● ● OFF	Stop operation
WEAK	● ● ● ○ ○ ○	Quiet operation mode
MILD	● ● ● ○ ○ ○ ○ ○	Normal operation mode
STRONG	● ● ● ○ ○ ○ ○ ○ ○ ○	Quick deodorization mode

Air volume lamp



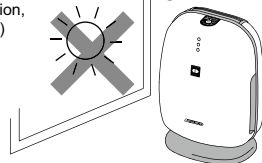
Avoid putting it near the air outlets of air conditioners and heaters and windows.

(It may cause deformation, discoloration and error.)



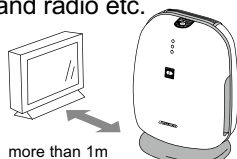
Keep it away from direct sunlight.

(It may cause deformation, discoloration and error.)



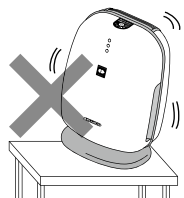
Avoid putting it near home appliances such as television and radio etc.

(more than 1m)
 (It may disturb the clarity of image and sound.)



Avoid putting it at an unstable place.

(It may cause failure due to turning over.)



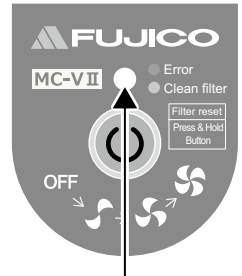
Cleaning and Maintenance

Front filter

MaSSC Clean MC-VII is equipped with front filters inside the air inlets to prevent dirt from getting into the inner part of the device. The front filters are required for cleaning regularly. The indicator on the top of the power button will be lighted (orange colour) after every 720 hours of operation. When the indicator is on, please clean the front filters.

Note: If the indicator flashes (red colour), it means the unit has failed. Please refer to page 11.

In case where it is difficult to identify the colour of the indicator (orange and red), you may identify it by seeing that “no flashing means cleaning” and “flashing means error”.

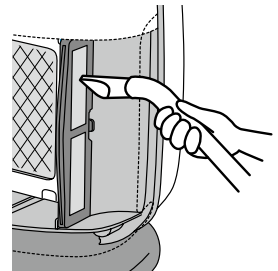


without flashing(orange)
(clean the front filter)

● How to clean the front filter

Please use a nozzle for gap cleaning of the vacuum cleaner or a brush (used tooth brush etc.) to clean away dust.

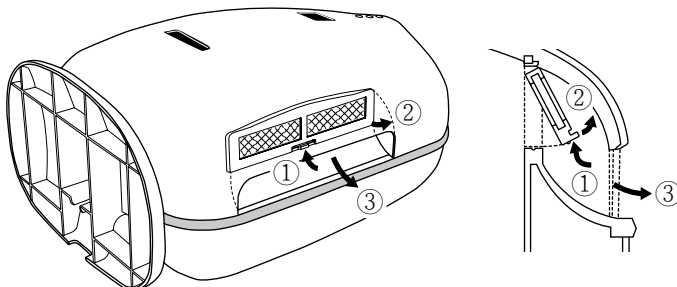
If it is very dirty, please see the following instructions to remove the front filter for cleaning. Please note that it may cause failure if it is washed. Please do not get it wet.



● How to remove the front filter

Please unplug the AC power cord first. The front filter is installed inside the air inlet (left and right sides, 2 locations). Pull the tab at the centre towards yourself to make it off the hook and slide it out.

When it is off the hook, it will slide out the air inlet.





Warning

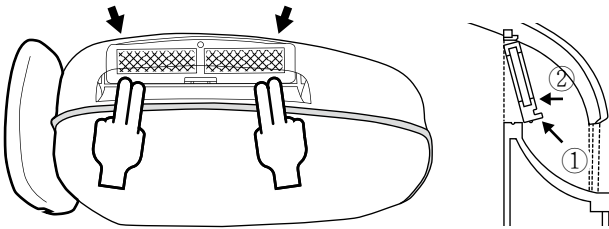


Please unplug the AC power cord before maintenance.
(It may cause electric shock and injury.)

● How to install the front filter

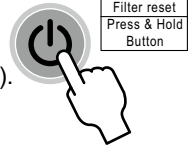
Put back the front filter to the original position inside the air inlet. Slide it in with the help of two fingers pushing at two corners of the filter until it fits in.

In case you find it difficult to fit it in, try to relax and let it fall back a little bit, and then slightly lift it up and push it back slowly. When it fits to its place, you will hear a click sound to confirm it is fixed (same applies to left and right sides).



● How to turn off the indicator

After plugging in the AC power cord, please press the power button and hold it until the indicator is off (approximately over 3 seconds).



Main Body



Clean with soft cloth.

When it is very dirty

Clean it with cloth soaked with water or warm water (below 40°C).

Avoid using the following items.

They may damage the surface and the liquid may penetrate into inner parts (precision parts). Such may cause failure.

- Thinner
- Benzene
- Alcohol
- Oven cleaner
- Cleanser
- Bleach
- Synthetic detergent for home use (alkaline)
- Spray-type detergent
- Metal scrubbing brush



Warning

Do not dismantle, modify and repair the device.
High voltage components are built in the device and it is dangerous if you touch it.

Troubles Shooting

Trouble	Please check	Reference page
Stop operating	<ul style="list-style-type: none">● Check if the AC power cord's plug firmly plugged in.	—
“Gee” noise is heard	<ul style="list-style-type: none">● It is the operating sound of built-in components but not an error noise. The interval and volume of the sound may vary according to the operating condition but it will not affect the performance of “MaSSC”.	—
Hard to get rid of odor	<ul style="list-style-type: none">● Check if dust clogs the front filter. → Please clean the front filter.	9
	<ul style="list-style-type: none">● In case a large amount of odor is absorbed, the power to resolve odor may temporarily decrease. → Let the device operate in a clean room for around 8 hours and the resolving power will recover.	—
The indicator on the top of the power button is on or flashing.	<ul style="list-style-type: none">● Is the indicator's light on (no flashing)? This is the indication for cleaning. Please follow the instructions on page 9 to clean the front filter. Press and hold the power button (over 3 seconds) and the indicator light will be off.	9 10
	<ul style="list-style-type: none">● Is the indicator's light flashing (on and off)? → This is an error. Unplug the AC adaptor and contact the shop where the device is purchased or consult Shun Hing Technology Co. Ltd. (Hotline: 23130666) <p>【 Reasons 】 Fan motor error</p> <p>【 Flashing pattern 】 Ionizer error</p> <p>Ultra-violet lamp error</p>	
If the main body is dropped	<ul style="list-style-type: none">● Ultra-violet lamp inside photocatalyst filter and main body may be damaged. → If the ultra-violet lamp damaged, the indicator will flash (red) and stop operating. Please consult Shun Hing Technology Co. Ltd. (Hotline: 23130666)	—

*This product is equipped with ultra-violet lamp for enhancing deodorization and bacteria elimination.

In general, the lamp will last for more than 30,000 hours.

*Avoid watching at the light of ultra-violet lamp for a long time.

Specifications

Model		MC-VII		
Power supply (AC adapter)		Input: 100V - 240V AC, 50/60Hz		
Power supply (Main unit)		DC 12V (Please use AC adaptor in carton box MC-VIIAD01)		
Application area		Approx 14m ²		
Dimension	W (mm)	188		
	D (mm)	124		
	H (mm)	264		
Weight (kg)		Approx 1.0 (AC adapter is not included)		
Operating mode*		Weak	Mild	Strong
Airflow (m ³ /min)		0.1	0.2	0.4
Power consumption (W)		11	12	15
Sound level (dB)		22	28	42
Length of cord (m)		Approx 1.8		

*Recommend to use "weak" or "mild" mode at silent environment



<http://www.fujico.oa.hk>