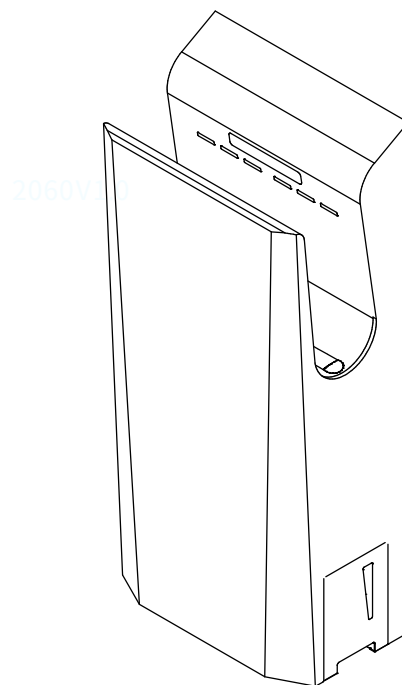


Stainless Steel Hand Dryer

Model : PW-70-4S

USER MANUAL



- Please Install Under Professional Guidance
- Please Read the Manual Before Use or Installation.
Keep The Manual Properly for Future Reference.

Content

Content	1
Important Safety Notice	2
Functions and Features,Technical Specification	3
Names and dimensions of each part	4
Fault Solution,Electric Diagrams	5
Maintenance	6
Air purification system maintenance	7
Precautions before installation	8
Installation	9
Test, Packing List	10



Important Safety Notice

For improper Use, it might cause serious personal injury



- Do not use the hand dryer in harsh environment. Malicious washing the machine is prohibited
- Do not use it in the rain or shower room or any places prone to condensation. Otherwise it might cause electric shock or machine fault



- Do not spray the water on the machine. Otherwise it might cause electric shock or machine fault



- Do not modify or dismantle the machine unnecessarily. Otherwise it might cause fire, electric shock or injury accident
- If the machine doesn't work or is abnormal, cut off the power to avoid any accident. Then report to the distributor.



- Must have reliable ground wires. Otherwise it might cause electric shock when the machine malfunctions or leakage.
- Please use rated power. If it is 10% beyond the rated voltage, the machine might get fault. If the power supply is not standard, it might cause fire or electric shock.
- Please use a separate circuit. If combined wiring with other appliances, it might cause over-heating of the socket and cause fire.
- Cut off the power during maintenance. Otherwise it might cause electric shock
- The machine must be used after installing a drainage tank and disinfection system. Otherwise, the machine will have moisture and other foreign matter intruding, which will cause electric leakage and failure of air purification and disinfection.



Warning

- Installation must be operated by the professionals. Improper installation might cause electric shock, fire, falling, personal injury or other accidents.
- Leakage circuit breaker must be installed. Otherwise it may cause electric shock
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- The packing film might cause suffocation of the baby. Please dispose it properly.



- Environmental Protection Waste electrical products should not be disposed of with household waste. Check with your Local Authority or retailer for recycling advice. Always dispose of used packaging materials. Recycle where facilities exist.

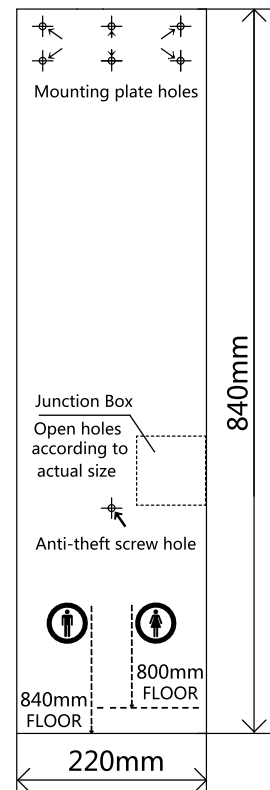
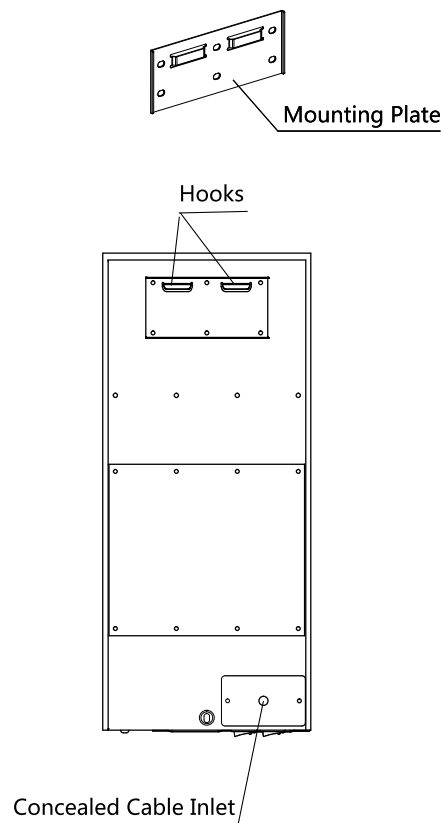
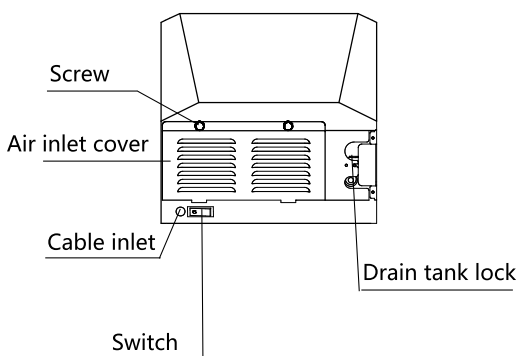
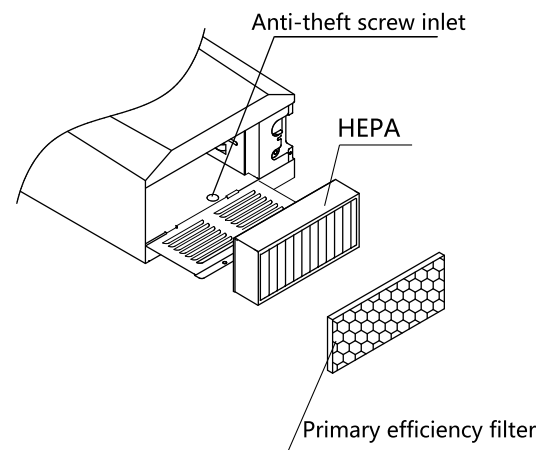
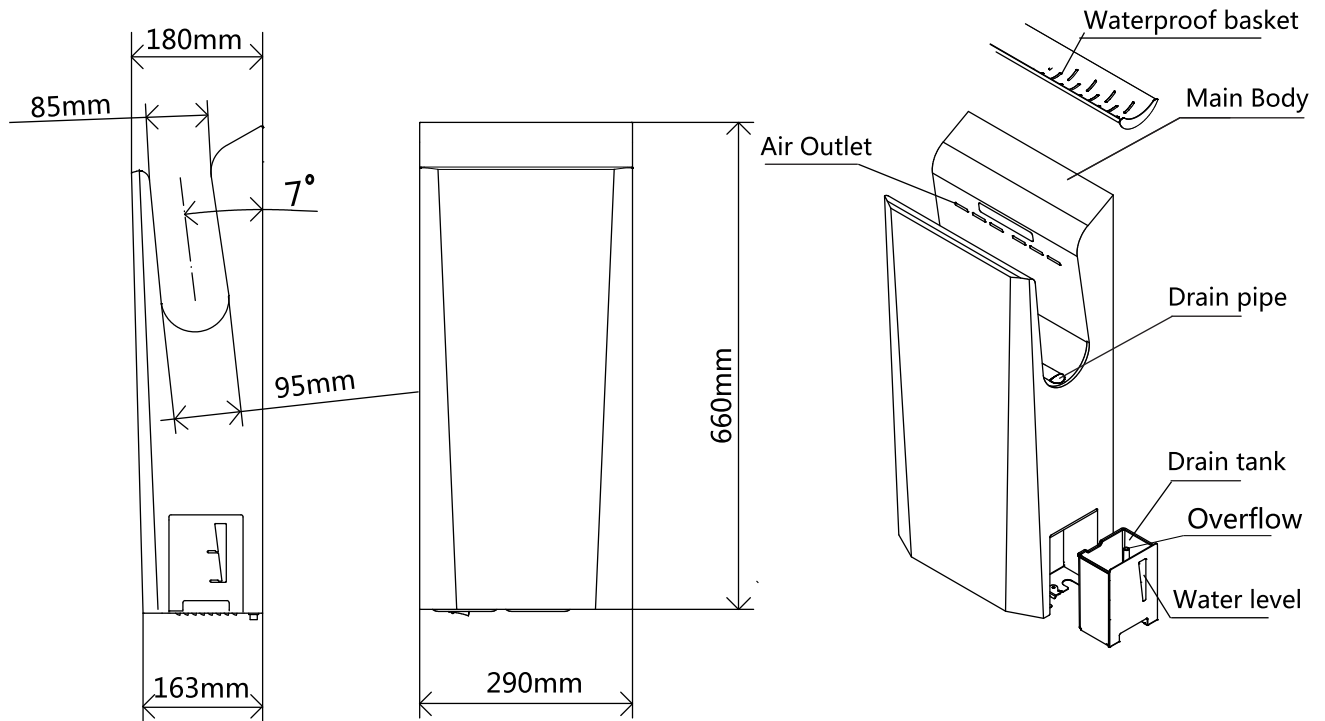
Functions and Features

- The shell and structure are made of food grade 304 stainless steel
- The internal structure is made of retardant PU material with the advantages of noise reduction, shock absorption, insulation, heat preservation, environmental protection etc.
- Heating Function
 - Adopt PTC heating: safe, efficient, automatic temperature control, waterproof
 - When the temperature is below 25°C, it is automatically heated
- Filtering Capability
 - Over-Sized HEPA :200*100*50mm
 - Drying Function: When the heating function is ON, the PTC simultaneously dries the HEPA
- ▲ Note: HEPA has the high efficiency filtration effect only when it is dry
- ▲ The bottom of the machine cannot be cleaned with water

Technical Specification

Rated Voltage	220VAC	Air Speed	100m/s	N.W.	14Kg
Input Power	1800w	Motor	BLDC	G.W.	15Kg
Motor Power	800w	Sensor Type	Automatic Sensing	Product Dimension	290×180×660mm
Motor Speed	40,000RPM	Hand Drying Noise	<68dB(A)	Package Size	700×330×220mm
Heating Power	1000w	Automatic heating temperature	≤25±2°C		

Names and dimensions of each part



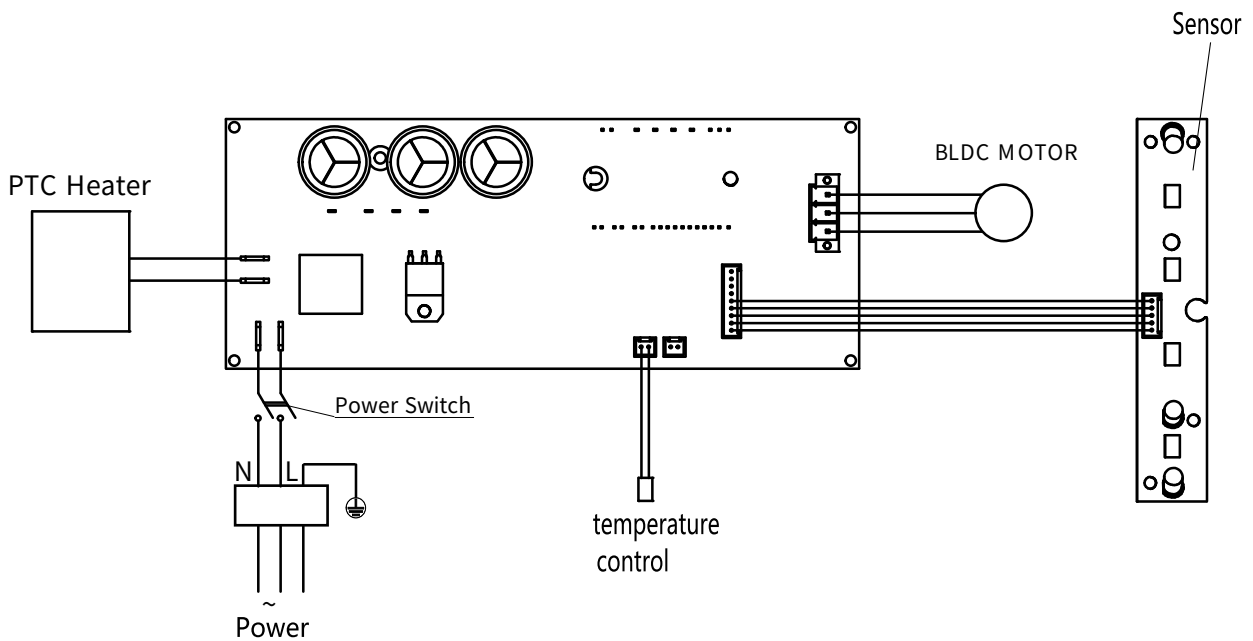
Installation template

Fault Solution

If the following situation occurs, please follow the guidance to inspect and settle

Situation	Inspect	Settlement
Hands in but without airflow	• Check whether the power is cut or not • Check whether the switch is at on position	• Power On • Settle the power switch in the on position
The machine is still blowing high-speed air after drying hands	• Check whether there are objects or dirt on sensor.	• Cut off the power and clean the sensor
No warm air	• Check whether ambient temperature is over high.	• The heater works when the temperature is lower than $25 \pm 2^{\circ}\text{C}$
Low air speed	• Check whether the filter is too dirty.	• Clean the air purification system or replace the filter
If the machine can't be recovered after the above inspection and settlement, please cut off the power and have it repaired by your distributor.		

Electric Diagrams



Maintenance

Caution !

Be sure to cut off the power during maintenance

Notice

Always wear protective gloves during maintenance

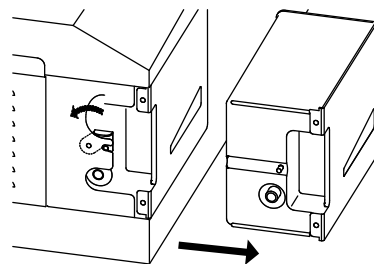


Attention
Please

- ▲ Wipe with a wrung white towel
If it is very dirty, you can wipe it with a white towel moistened with neutral detergent.
Then wipe it with a dry towel.
- ▲ Strongly recommend to use special care solution for stainless steel.
- ▲ Please do not use organic solvents, acid or alkaline toilet detergents, nylon brushes for cleaning.
Otherwise it will spoil the appearance of the machine
- ▲ Can be disinfected with about 75% alcohol

1

- The water blown from the hand is called drainage.
If the draining time is too long, it will stink
- Please drain the drain often to avoid overflowing the water tank
- Open the Drain tank lock at the bottom of the machine
- Pull out the Drain tank to the right
- Move the drain tank horizontally to avoid spilling sewage

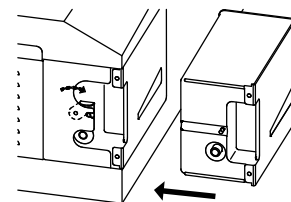
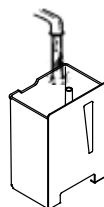


2

- Drain the drain and clean the drain tank
- Install the drain tank
- Lock the drain tank lock

Caution !

The bottom of the machine cannot be cleaned with water

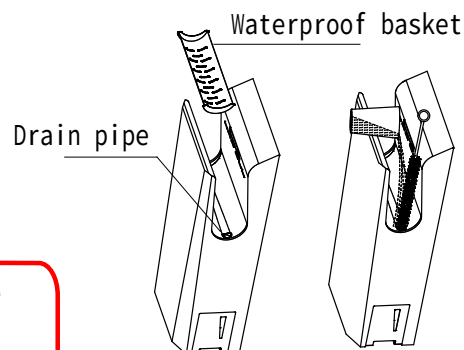


3

- Take out the splash basket and clean it
- Use a towel or soft brush to clean the front and back sides and bottom of the dry hand area
- When cleaning the drain pipe, you can pour 200-300cc of washing water into the drain pipe.
At the same time use a pipe brush to insert the drain pipe to twitch
- After cleaning, please put the splash basket back to prevent water splash when you dry your hands.

Caution !

When cleaning, please close the air outlet to avoid sewage intrusion into the machine
Please make sure that the drain tank has been installed back into the body before cleaning
Drain the sewage in time after cleaning



Air purification system maintenance


Caution !

Be sure to cut off the power during maintenance


Notice

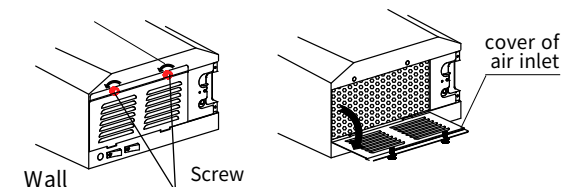
Always wear protective gloves during maintenance

- When there is too much dust on the surface of the filter, it will reduce the wind speed and produce peculiar smell
- If the plasma box is too dusty, it will weaken the effect of sterilization, disinfection and deodorization

Name	Function	Cleaning method	Maintenance cycle	Suggest
Primary filter	Filter PM100	Clean with neutral detergent	>3 times/year	Replace once a year
HEPA	Filter residual PM2.5 fine particles	Compressed air blowing	>1 times/year	Replace every 2 years

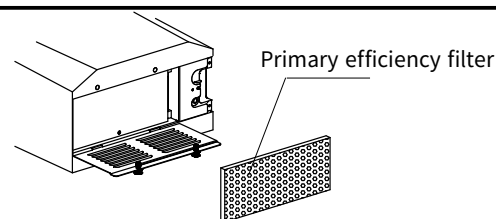
1

- Loosen the 2 screws at the bottom of the machine by hand (the screws will not fall)
- Open the cover of air inlet



2

- Pull out the primary efficiency filter
- After pulling out the primary efficiency filter, remove larger particles, Soak it in neutral detergent and gently clean it
- Dry it naturally but don't dry it by heating

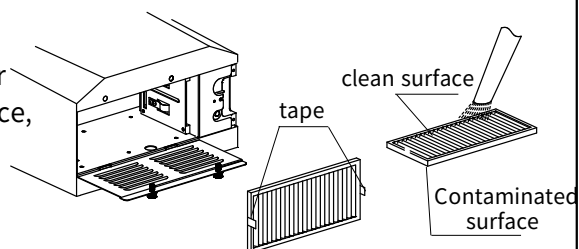


3

- Grasp both the tapes and pull out HEPA
- Blow the high efficiency filter with compressed air from the clean surface to the contaminated surface,

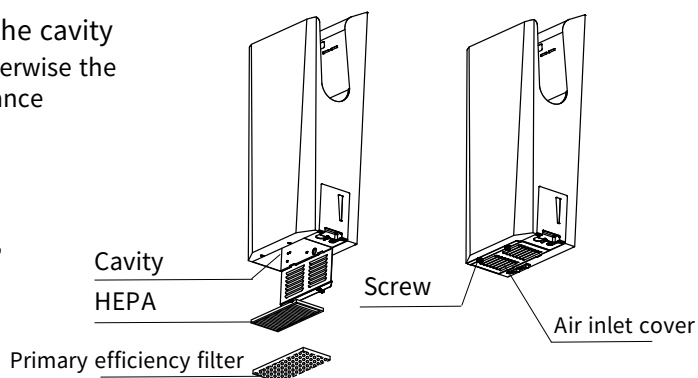

Caution !

- It is forbidden to clean and bake the HEPA



4

- First push the high efficiency filter into the cavity
The side with the cloth strip faces down, otherwise the HEPA cannot be pulled out during maintenance
- Put the primary efficiency filter on the air intake cover
Close together with the air intake cover, and tighten the screws



Precautions before installation

▲ Installation Notices

- Do not install when power is on
- Choose a place with sufficient strength
Otherwise the machine might fall down and cause injury
- Wear protective gloves when installing
Otherwise it might cause injury
- When installing, the bottom of the machine is more than 150mm above the floor
Otherwise it is impossible to replace the filter or maintain the plasma box

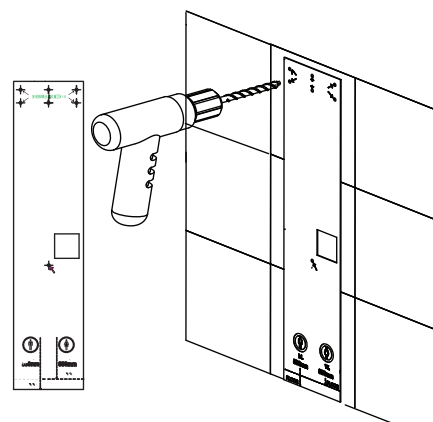
■ Do not install at the following places

Otherwise malfunctions and injuries may occur

- Lower than -20 or higher than 50
- Places directly exposed to water
- Places exposed to direct strong sunlight
- Places prone to condensation
- Corrosive, oxidizing, reducing and flammable and explosive places
- Please avoid installing at the place where easy to bump into people or doors

■ Wall Treatment

- Clean the installation area.
Cut off the excessive parts of the install template according to the height.
- Place the lower end of the installation template close to the ground, and then paste it on the wall
- Drill a $\phi 8\text{mm} \times 40\text{mm}$ deep hole on the wall according to the requirements of the installation template
- For hardwiring, follow the instructions and open a square hole to install junction box

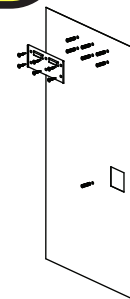


Installation

1

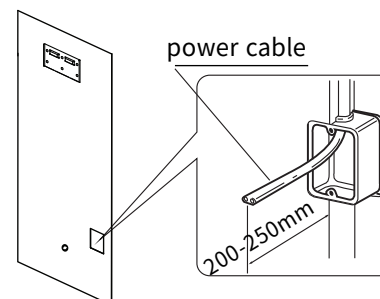
- Insert 7 plastic expansion screws into 7 holes
- Fix the mounting plate to the wall with 6 screws

Note: Do not install the screws on the bottom plastic expansion



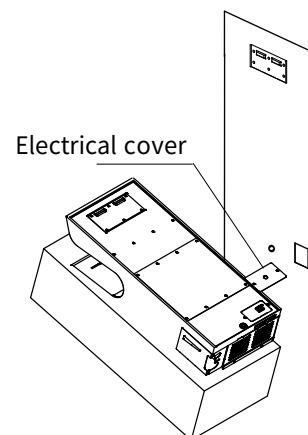
2

- Please use a rated single-phase AC power supply
do not use a power supply exceeding $\pm 10\%$ of the rated power
- Please use $1.5-2\text{mm}^2$ for power cord
If the power cord is longer than 5m, please try a 2mm^2 power cord
- Insert the junction box without cover into the installation position
If the junction box is not used, the power cord will be squeezed out of the body and cannot be installed correctly
- Identify the power cord
Identify the phase wire (live wire), neutral wire and ground wire.



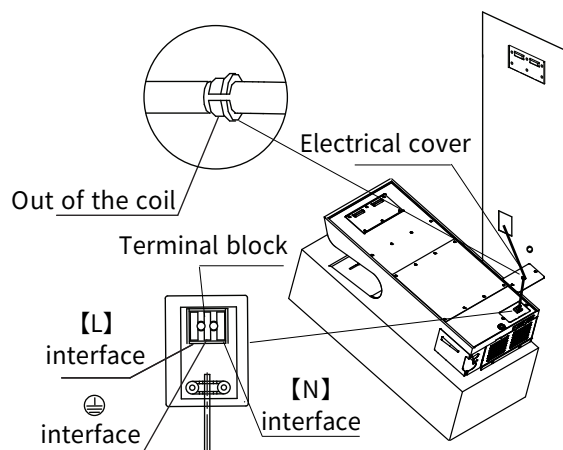
3

- Open the carton and take the machine out.
Put the carton nearby as the working table.
- Place the machine with the packing bag on the carton with the back side up.
- Open the packing bag until the electrical cover is exposed.
- Remove the electrical cover



4

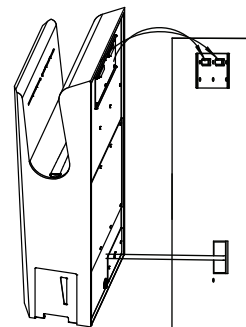
- Press a wire loop into the electrical cover
- Thread the wire through the wire loop on the electrical cover
- Lead the power cord into the electrical cover of the machine
- Connect the wire
Connect the phase wire (live wire) of the power cord to the 【L】 interface of the terminal block
The neutral wire of the power cord is connected to the 【N】 interface of the terminal block
Connect the ground wire of the power cord to the $\oplus$ interface of the terminal block
- Clamp the power cord
- Put the electrical cover back



Installation Test

5

- Remove the packing bag
- Move the machine to the wall and stuff all wires into the junction box
- Align the two hooks on the back of the machine with the two raised notches of the mounting plate and move them up and down several times. After confirming that the two hooks of the machine completely enter the notches of the mounting plate, you can release your hands.



6

- Open the air inlet cover and take out the primary effect filter and plasma box
- Install the anti-theft screw in the anti-theft screw hole and tighten it
When tightening the anti-theft screw, press the machine down at the same time

Note : Refer to the maintenance and operation method of the air purification and disinfection system



Warning

- Do not operate the power switch when your hands or objects are in the dry hand area

Test

7

- Confirm that the machine is firmly installed
- Confirm that the water tank is installed in place
- Confirm that the high-efficiency filter, and primary filter are installed in place and cover the air inlet cover
- Confirm that the power supply voltage matches the rated voltage of the machine
- Set the machine power switch to **【ON】**
- Put your hand into the dry hand area, blow out high-speed wind to dry the wet hands

Packing List

The Machine -----	1
Mounting Plate -----	1
Installation template -----	1
Install Screws -----	7
Plastic Expansion -----	7