

SHARP®

motor automatic plasma fan

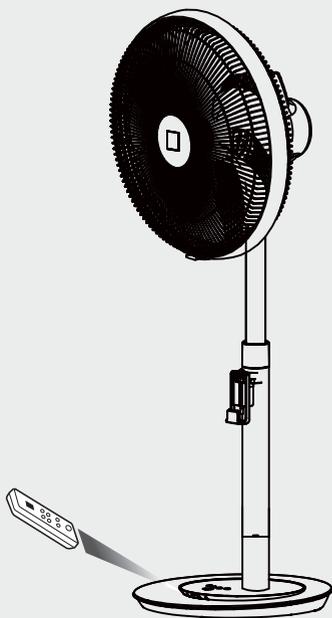
Instructions Manual



HIGH-DENSITY 7000 *

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PJ-H16DE-W



Please read carefully and keep this instruction manual.

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Thank you for purchase this product, please read this operation instructions carefully before use the appliance, be sure to read [safety attentions].

Please safe keep the instruction manual for reference at any time.

•The data in this technical sign represent auto-sterilizing ions number in the air of 1cm³. The measurements are made in the middle floor (1.2m above the floor) area of the room when the maximum air flow of the (7000 concentration) fan is running (up and down, swinging left and right).

Safety attentions

In order to prevent danger and property damage of owner or others, correspondence instructions should be abided as follows:

■below drawing shows the bad result caused by incorrect usage or operation are distinguished as below:



Warning: Indicate that may cause death or serious injury.



Attention: Indicate the contents that may cause injury and damage to property.

■Please observe the related contents in the form of symbols, signs as below.



Indicates prohibited behavior .



Indicates mandatory behavior that must be done.



Warning: avoid fire, electric shock and injury.

Power plug and power cord



- Do not damage the power cord.
- Do not process, force bending, drag, twist and bundle power cord.
- Please do not press or pinch it with heavy weights.
- When moving, do not damage the power plug and power cord due to casters.
(Otherwise, it may cause damage to the power cord , fire and electric shock).
- Please do not use the wet hand to pull out or plug the power cord.
(Otherwise may cause electric shock)
- The power line should avoid using the extension cord, and should also avoid use a socket share with other electrical appliances.
(Otherwise may cause electric shock, fever, fire).
- Please do not directly insert or pull out the power plug to replace common method of turning on/off fan.
(Otherwise, it may cause electric shock or fire).



Make sure power plug no loosen and no dust accumulation on it, take it insert in electrical outlet reliably and wipe it with dry cloth regularly.
(Dust accumulation or inadequate connection may cause electric shock or fire).

When exception occurs (burning odors, etc.)



- Please stop running and unplug the power supply, and consult the customer Service Center immediately. (Otherwise, it may cause electric shock or fire, etc.)
- Please consult the customer service center for maintenance.
(if the repair have problem, it may cause electricity, fire, injury, etc.)

When maintenance



- Should stop running and unplug power supply
(Because the fan is running at high speed may resulting in injury).

When using



- Please do not put finger or objects (like needle, metal wire, rods).insert to air outlet or suction port.
(Because the fan is running at high speed, it may cause injury, contact inner may also cause electrical breakdown.)
 - No modification is allowed, non maintenance technicians is prohibited to fold up, retrofit, repair fan. (Otherwise, it may cause fire, electric shock, injury).
 - Please do not put cans like sprayers near the main engine, in addition, do not use similar fire dangerous goods (gasoline , thinner) near the main engine. (Otherwise it may cause fire or explosion) may be cited.
 - Please do not blow body directly for a long time. (Otherwise it may cause physical discomfort and ill health).
 - Please do not place it near the heating appliances.(Resin partial melt may resulting in fire).
- Make sure power plug no loosen and no dust accumulation on it, take it Insert in electrical outlet reliably and wipe it with dry cloth regularly..
(Dust accumulation or inadequate connection may cause electric shock or fire).

Observe without fail



Attention: to prevent electric leakage or injury, protect furniture, etc.

Power plug and power cord



• When take out power plug, should hold the power cord tightly, or may cause fire, electricity shock, and short circuit.

• For security purpose, power plug must be removed out from socket if long time no use, or may cause electricity shock, leakage and fire.

When using



- In moisture and high humidity environment, if there are volatile substances, do not use this product to avoid any danger.
- Do not rinse directly with water or use it in bathrooms, where moisture is heavy or water is stored, may resulting in the danger of leakage.
- The machine is not allowed to be placed in horizontal to use, it may cause machine failure or other unexplained damage.
- Do not cover the outlet and the inlet, or may cause the motor failure.
- When using electric fans, do not put in sharp objects and metal objects, or may cause the danger of fault and electric shock.
- It should not be used in greenhouses or construction sites.
- Do not use this product in an unstable or near obstruction position.
- Do not approach fire places, it will cause plastic deformation and fire hazards.
- Keep the product away from the radio and TV, avoid unnecessary interference or affect the display accuracy.

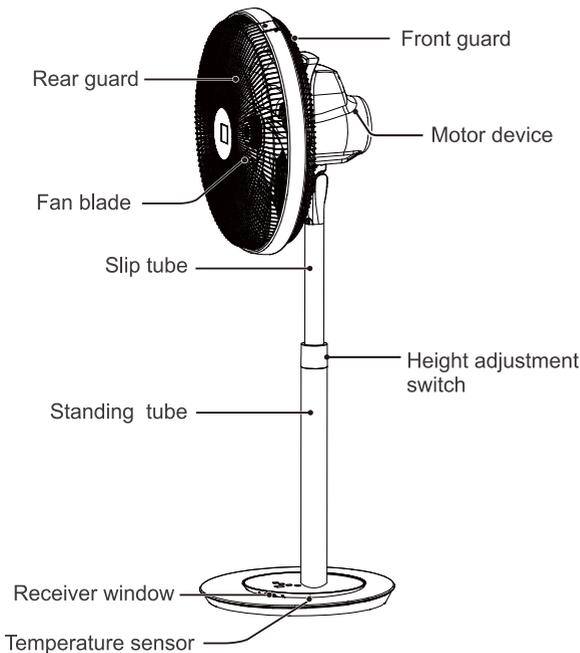
When using



- Do not put the remote control within reach for baby.
- Do not hang clothes, towels and other items on top of the machine, so as not to cause product failure.
- This appliance is not intended for use by persons (including children) who reduced physical, sensory, mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction by a person responsible for their safety.
- Children should be given supervision to ensure that children do not play with electrical appliances.
- Make sure the power supply cut off before remove the guard
- If the power cord damaged, should contact manufacture or service center or related qualified personnel to replace it to avoid danger.

Parts name

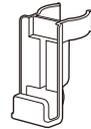
Main body and Control panel



Accessory



Remote controller (wireless)



Remote controller pedestal



Cleaning brush

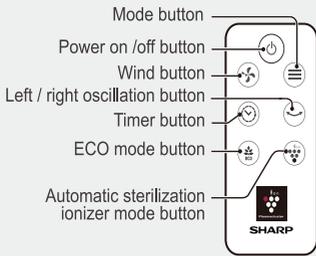


AAA battery (DC1.5V) X 2

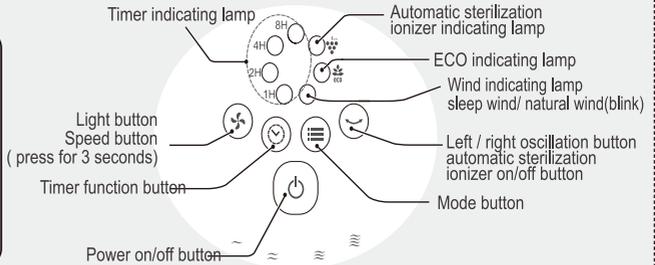
Prints

- Instruction manual

Remote control



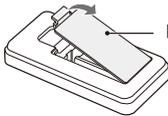
Control panel



Preparations

Install batteries for remote control

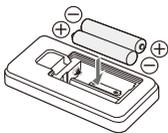
1



battery cover

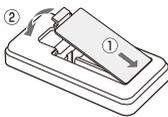
Take out the battery cover

2



Assemble battery (AAA battery), make sure +- poles corrective (2pcs AAA battery)

3



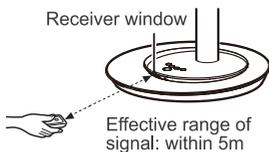
Put back battery cover



Please recycle waste batteries

Use method for remote control

The remote control aligns the receiver window and presses the button you want to operate.



If the direction is out of range, or something is blocking the receiver, it may not be remotely controlled.



Do not drop or throw away remote control. Do not get remote control wetted.



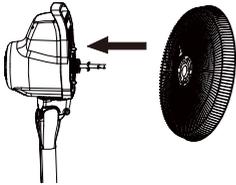
Attention

- The remote control must be facing the receiver, the effective range is on obverse side. If the remote control is not facing the receiver, the range of use will be narrowed.
- If the fan is used in a room with a high-power machine running, the remote control fails.
- Improper use of batteries may lead to battery explosion.
 - When replacing batteries, please replace them and use the same type of batteries.
 - If the product is not used for a long time, please remove battery from remote control.
- Please keep the remote control properly to avoid impacting and dropping.

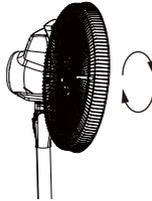
Preparations

Assembly Method

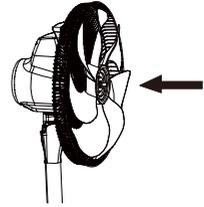
1. Please align the three round holes of rear guard with the motor device and press the front housing three columns in place.



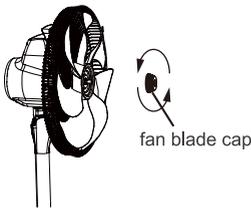
2. Take the guard and install it into the front cover of the motor device, tighten it clockwise, and fix the rear guard.



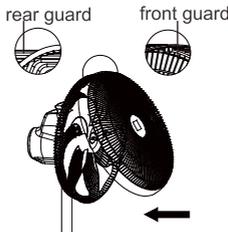
3. Take the fan blade into the end of the motor shaft and make it fit with groove.



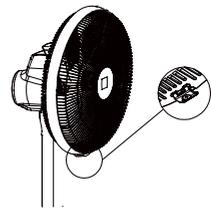
4. Insert the fan blade cap on the motor shaft anticlockwise until locking is fixed tightly.



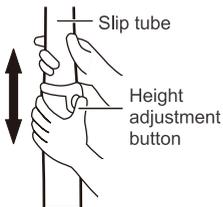
5. Install the front guard into the rear guard (as shown), press the both side and end of them tightly.



6. Press front and rear guard clip in place and lock the screws tightly.



Assembly Method



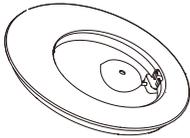
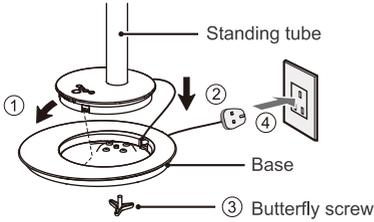
● Press the height adjustment button until reach to required height, then loosen the button.

Attention

- Please do not discard the packing box for storage.
- When taking the electric fan out from packing or installing machine, please do not press height adjustment button, if do this will result in injury by sliding tube or accidental extension.
- When moving fan, make sure that the fan blade guard is securely fastened. Otherwise, it will cause injury or damage to the machine.
- Do not move the fan when the fan blades are rotating. If do this will lead to injury or damage to the machine.

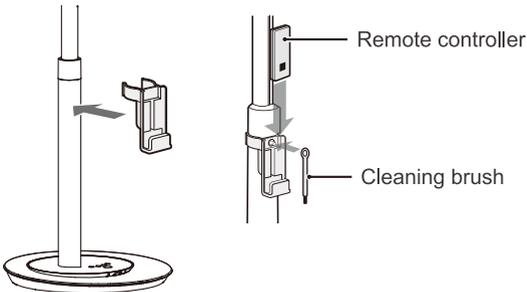
Preparations

Base Assembly



Precaution: When the power cord passes through the foot plate, first remove the protective cover on the plug, and then align the plug with the outside of the foot plate hole and gently push it in.

Assembly of remote control

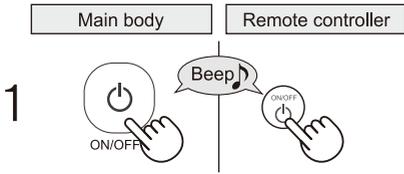


Install the remote control pedestal on the stand tube.

❖ Please store the remote controller and cleaning brush in the pedestal of remote controller.

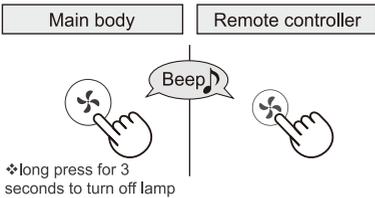
Main body operation

Turn on



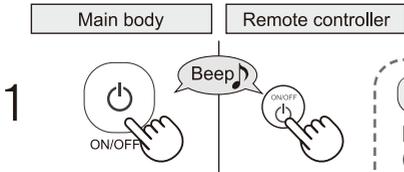
- The wind speed is 3 when power on fan in the first time.
- If the fan is powered on all the time, it will automatically remember the working state (except timing and sleeping wind) when it turn on again

2 Choose wind speed



- The wind speed is changed sequentially when turn on machine in the first time, and the corresponding indicator lamp displays the wind speed.
- The first, third, five, seven indicator lamp flashing indicate 1.3.5.7 wind speed.
- The second, four, six, eight indicator lamp always lighting indicates 2.4.6.8 wind speed.
- The maximum wind speed can be adjusted to 8.

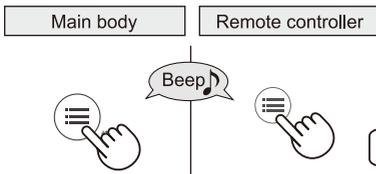
Turn off



Memory function

It will automatically remember all the working state (except timing and sleeping wind) before turning off machine.

Mode setting

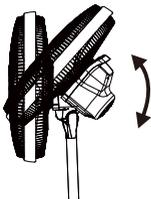


→ Nature wind → Sleep wind → ECO wind → Normal wind →

- Press this button to set the wind mode in the state of power-on, and then change it in turn according to the following diagram. The corresponding indicator lamp shows the working state. The natural wind and the sleep wind share an indicator lamp, the corresponding lamp flashes indicate the natural wind, always lighting indicate the sleep wind. The ECO indicator lamp is always lighting, indicating that the ECO wind is turned on.
- There are 3 wind speed in the state of nature wind and sleep wind. Sleep wind descends 1 speed every half hour until the low wind speed.

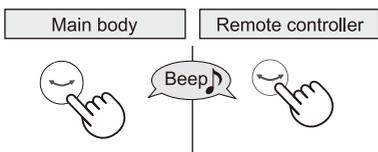
Rotating angle adjustment

Rotating angle adjustment



The wind direction can be adjusted freely by moving up and down the title angle.

Left and right rotation



Attention:

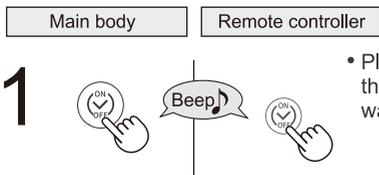
No matter whether the fan is running, do not use your hands to prevent it from running or rotating, this will lead to injury or damage to the machine.

It can set the function of automatic sterilization ionizer by long press this button for 3 seconds, "Beep" indicate operation successful, the correspond indicator lamp will always lighting.

Common function

Timing operation

(Running)



- Please choose the time you want.

When the timing button is pressed, the timing starts according to the setting, and the remaining time is displayed automatically during the timing period, automatic shutdown once timing time is up.

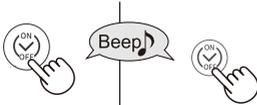
Timer on(automatic start operation at the set point)

(Un-running)

Main body

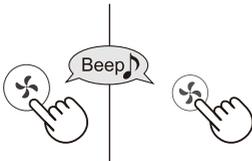
Remote controller

1



- Please choose the time you want.

2



- Set the wind speed, oscillation mode and ECO wind you want.

- When the setting time is out, timer on/off lamp and timer indicator lamp will turn off and automatic start operation.
- The indicator lamp of automatic sterilization ionizer is always lighting after setting timer on, the function of automatic sterilization ionizer will start automatically once the setting time is out, but machine restart has no timing memory function.

Press this button in state of power on/off can set the time to turn on /off, and change according to the following sequence.

1H → 2H → 4H → 8H → Timing is Over

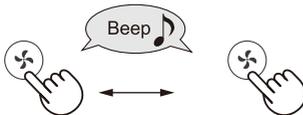
Please press Timer button if want to cancel the timing function.

Common function

LED control(On/Off)

(Running)

Main body



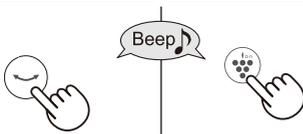
- After turning on the light, press any button to wake up the display function. After waking up the display function, press each button to operate normally.
- You cannot use the remote control to switch LED on / off.

Automatic sterilization ionizer On/Off

(Running)

Main body

Remote controller

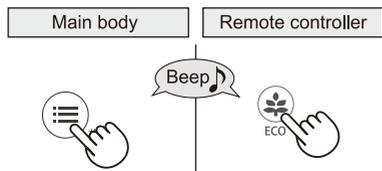


✦long press for 3 seconds to turn off lamp

- When the fan is running for the first time, it will automatically turn on the automatic sterilization function.

ECO Mode

(Running)



- When the temperature is greater than or equal to 30°, the wind speed is 8, when the temperature is lower than 32, the wind speed automatically drops 1 speed. It stops working when the temperature drops to less than 16°, and it recovers working automatically after temperature rises.

Maintenance and cleaning

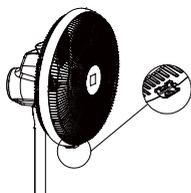
Attentions (Please turn off power supply and remove power plug before maintenance and cleanliness.)

- Do not use paint, gasoline, alkaline cleaner, kerosene, benzene, alcohol, polishing powder to wipe.
(The surfaces of paint or the resin parts may be retreated or damaged.)
- Use chemical fiber cloth carefully wipe, or do not stay chemical fiber cloth for too long, to avoid damage of the machine surface.
- After long time use, dust and water vapor may be attached to the plug of power cord and socket. Please unplug the power cord before cleaning, wipe it with dry cloth before restart machine.

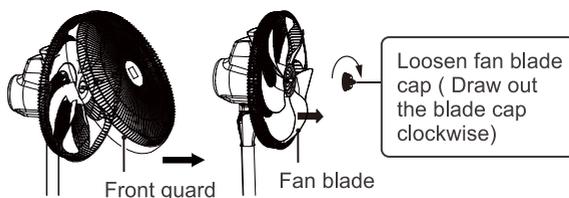
Dismantle or Assemble

Dismantle

① Loosen the fixed screw and take down front guard.

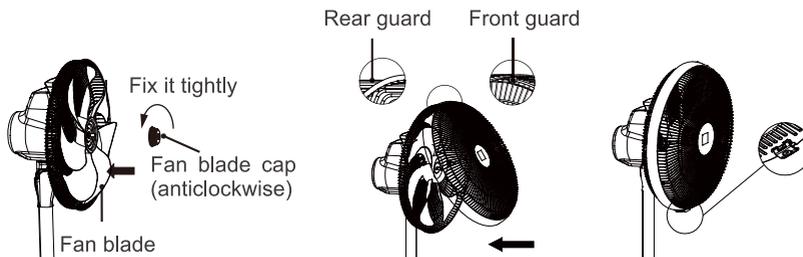


② Loosen fan blade cap, and then take down fan blade.



Assemble

- ① Insert fan blade and press it to end to make it fit with the groove.
- ② Using blade cap to fix fan blade.
- ③ Re-assemble front guard.
- ④ Lock the fixing screw to assemble the front guard.



Attention:

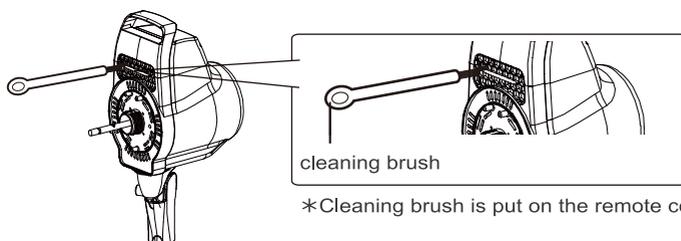
- Lock the locking screw and fix fan blade cap tightly. If the blade cap is not fix well, fan blade will collide with fan blade guard and damage the fan blade.
- When dismantle and assemble, please do not press height adjustment button. If do this will cause injury by sliding tube or accidental extension.

Cleaning

- Please wipe it with warm water or mild detergent cloth, then re-wipe it with soft dry cloth.

Automatic sterilization ionizer generating device

- Remove the dust on the main engine electrode position with the enclosed cleaning brush.



*Cleaning brush is put on the remote controller pedestal.

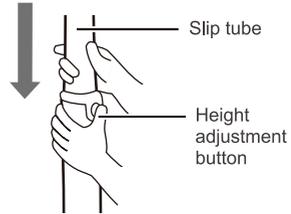
Safe keeping

Main body storage

1 Set the oscillation to the right front position. Make sure to use the buttons on main body or remote controller to adjust the angle.

2 Take down remote controller pedestal.

3 Press height adjustment button, and slide the slip tube to the lowest position.



4 Please follow the original packing to keep the fan properly stored.

Attention:

- To prevent the main body suddenly fall down, need put the main body on the ground steady and slowly
- Please do not press height adjustment button when putting main body to package. If do this will result in injury causing by sliding tube or accidental extension.

Troubleshooting

Failures	Inspection
Fan blade is not running when starting the fan	Check if the power supply is really plugged into the socket?
	Check if the fan guard deformed or touched the blade?
There is abnormal sound when starting the fan	Check if fan blade is really inserted into the motor shaft and if the back of the fan blade is completely aligned with the rotor pin?
	Check if there are fine burrs around the fan blade?
	Check if the fan guard deformed or touched the blade?
Remote controller failure	Check if the battery powered enough?
	Check if the battery install reversed?
Fan shake	Check if fan blade installed well, and the location place of fan is flat?

Specification

Mode Number	PJ-H16DE-W	
Power	230V, 50HZ	
Rated Power (W)*1	30W	
Rotating Angle	Horizontal(left right)	78°
	Vertical(up down)	Up:21°, Down:17°(manually)
Weight	About 5.7kg (not include accessory)	
The length of power cord	1.8 m	
Wind Speed*2	148 m/min	
Wind quantity	61 m ³ /min	
Noise	≤60 dB(A)	
Product Size	L360*W430*H1150mm	

*1: Total 8 wind speed, include left right rotation and up down oscillation.

*2: Running with maximum wind speed

Sign for restricted substances containing situation

Unit	Restricted substances and chemical symbol					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr ⁶⁺)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Metal components	—	○	○	○	○	○
Motor set	○	○	○	○	○	○
Sync motor	—	○	○	○	○	○
Plastic set	○	○	○	○	○	○
Power cord set, wiring	○	○	○	○	○	○
Circuit board set	—	○	○	○	○	○

For reference 1. "Exceeding 0.1wt%" and "exceeding 0.01wt%" only refer to the percentage exceeding the standard value of the percentage.

For reference 2. "○" means that the percentage of the restricted substance does not exceed the standard value of the percentage.

For reference 3. "—" means the restricted substances is excluded from items.