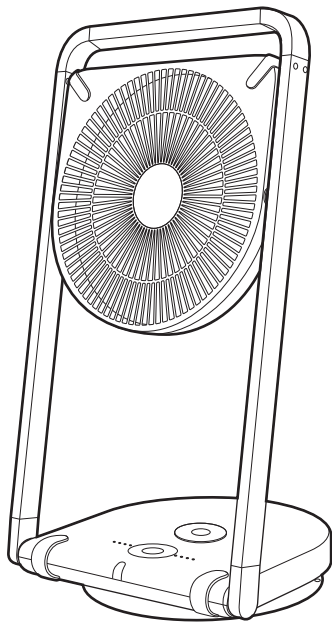


DC Folding Fan FLU-253DHK

User Manual

Thank you very much for choosing our product. Please read the User Manual carefully in order to use this product correctly. Please keep the User Manual properly after reading.

[This product is for indoor use only]



Contents

Safety Precautions.....	1
Name of Parts and Function.....	3
How to Use.....	5
Maintenance and Storage.....	11
Troubleshooting.....	13



Specifications

Power supply	DC 24V, AC adapter (dedicated)
Power consumption	About 10W (when using a dedicated AC adapter)
Voltage	220V
Frequency	50 Hz
Cable length of AC adapter	About 1.8m
Dimensions	Width 34 × depth 30 × height 75cm (when bracket unfolded)
Net Weight	About 4.6kg (excluding the remote control and AC adapter)
Remote control battery	Lithium battery (CR2025)



- The specifications are subject to change without prior notice.
- This unit is only intended to be sold in Hong Kong and Macau.
- The diagram and illustration in this manual are for reference only. The actual product is subject to manufacturer specifications.

Safety Precautions









- Please read Safety Precautions carefully in order to ensure proper use
- Please read and abide by the critical safety information listed in this section carefully
- Please keep it properly after reading

 Warning	Incorrect operation may cause a risk of death or serious injury
 Attention	Incorrect operation may cause personal injury or property damage (including residence, family properties, livestock and pets)




Meaning and example icon symbols

	⊘ indicates “prohibited”. The specific prohibited content will be shown with picture and text inside and beside ⊘. (The picture on the left indicates “Disassembly prohibited”)
	● indicates “mandatory”. The specific mandatory content will be shown with picture and text inside and beside ●. (The picture on the left indicates that “the power plug must be pulled out from the socket”)

Warning

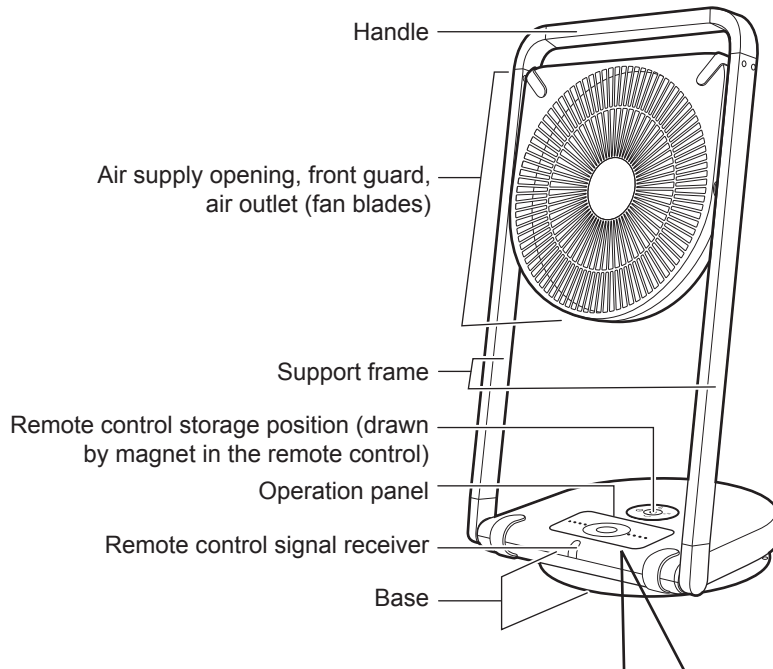
 Prohibited	Do not connect this product to power supply excepted rated voltage and rated frequency	 Prohibited	Do not insert metal objects such as pins and wires into the gaps in the main unit. It may cause electric shock and personal injury	 Unplug	Be sure to disconnect the AC adapter out of the socket when not in use. It may cause electric shock, electric leakage, or fire due to insulation deterioration.
	Do not use devices other than those provided with dedicated AC adapters It may cause electric shock and fire		 Prohibited		In the event of an abnormality (e.g. burnt smell, smoke), unplug the AC adapter immediately and stop using it. It may cause fire or electric shock
	Do not connect AC adapter to socket when cleaning or maintenance. It may cause fire, electric shock, or personal injury.	 Instruction		Please insert the AC adapter fully into the socket. Failure to fully insert may cause electric shock, short circuit and fire.	 Disassembly prohibited
	Do not damage, process, bend, pull, twist, or bundle the power cord, and do not put any heavy object on the cord and pinch it. It may cause fire or electric shock.		Clean the dust adhering to the pins and mounting surfaces of the AC adapter. Inserting AC adapter with dust attached may cause safety accidents such as short circuit and fire.	 Wet hands prohibited	Do not directly plug or unplug the AC adapter with wet hands. It may cause safety accidents such as electric shock.
	Do not damage the power cord and AC adapter, and do not use the device before the plug is properly inserted into the socket It may cause electric shock, short circuit and fire		After maintenance, fully secure the blades and protective cover. If it is not fully tightened or properly installed, it may result in safety accidents such as personal injury and device failure.	 Water prohibited	Immersion and watering of the device are prohibited. It may cause short circuit, electric shock and other safety accidents.
	Do not operate without the blades and protective covers It may cause personal injury and device failure	If the battery liquid leaked from the remote control and accidentally enters into the eyes, do not rub. Rinse immediately with cool water and go to the hospital. It may cause blindness or visual impairment.			
	Do not expose the product to children, or use it in any place that the children can access It may cause electric shock and personal injury				

⚠ Attention

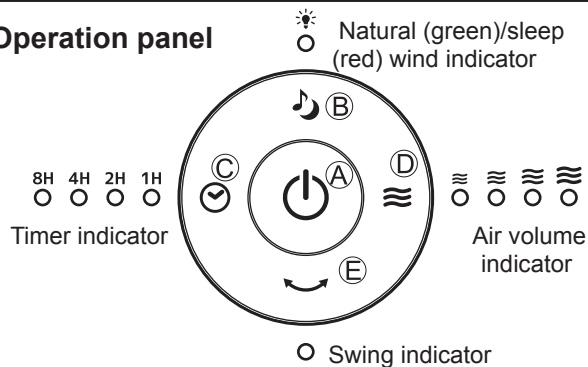
 Instruction	<p>When unplugging the AC adaptor, be sure to hold the AC adaptor instead of the power cord. It may cause electric shock, short circuit, or break off the power cord.</p>	 Prohibited	<p>Do not use a battery other than specified. It may cause liquid leakage.</p>	 Prohibited	<p>Do not get your hair too close to the device. It may cause personal injuries due to hair being caught.</p>
	<p>Please confirm the positive and negative poles ⊕ ⊖ of battery in the remote control. Incorrect installation of positive and negative poles will not only cause device failure, but may also cause safety accidents due to liquid leakage and battery rupture.</p>		<p>Do not place the battery of the remote control in a hot place where there is direct sunlight. It may cause liquid leakage, battery rupture, fire and other safety accidents.</p>		<p>Do not use in the following places.</p> <ul style="list-style-type: none"> ● Near stoves and other fire sources ● Places with flammable gas ● Places that can be splashed by rain and water <p>It may cause discoloration, deformation, flame extinguishing, fire, electric shock and other safety accidents.</p>
	<p>Take the battery out of the remote control if it won't be used for a long time. If the device is left unused for an extended period of time with battery installed, internal contamination may be caused by liquid leakage, and safety accidents such as fire and personal injury may occur due to battery rupture.</p>		<p>Do not blow directly to the body for a long time. It may cause harm to your health.</p>		<p>Do not use household cleaners, thinners, gasoline, alcohol or abrasive powder for cleaning. It may cause discoloration, deformation, electric shock or device failure.</p>
	<p>When disposing of the remote control, be sure to remove the battery. Disposal of the remote control directly with battery installed may cause an accident. Please dispose of the battery as required by local government.</p>		<p>Do not drag the main unit. It may damage the floor.</p>		<p>Do not forcibly turn the main unit to the front while it is swinging. It may cause device damage, malfunction or noise.</p>
	<p>While folding the bracket or adjusting the fan height, be careful to prevent pinching the fingers. It may cause safety accidents such as personal injury.</p>		<p>Do not insert your fingers into the guard or any moving parts It may cause safety accidents such as personal injury.</p>		
	<p>When setting up, be sure to fully unfold the bracket to make it completely touch the ground. If the device is not set properly, it may cause safety accidents such as falling over.</p>		<p>Do not use in an unstable place. It may cause personal injury, device failure and other safety accidents.</p>		

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experiences 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 that they do not play with the appliance.
- The appliance is only to be used with the power supply unit provided with the appliance.
- The appliance must only be supplied at safety extra low voltage corresponding to the marking on the appliance.

Name of Parts and Function



Operation panel

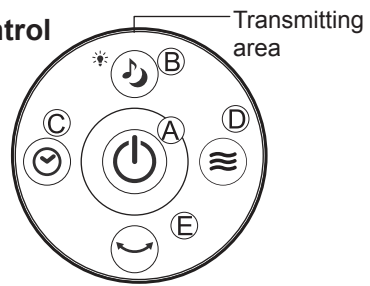


Running indicator

The current status can be confirmed by the indicator light around the operation button.

- **Air volume indicator**
Display the air volume during operation. One of the four indicators turns on during operation (all indicators turn on at level 5 air volume).
- **Natural/sleep wind indicator**
The green indicator turns on in natural wind mode, and the red indicator turns on in sleep wind mode.
- **Timer indicator**
(Red indicator on: scheduled power-on; green indicator on: scheduled power-off)
If scheduled power-on is enabled, the indicator is turned on when the device is turned off at scheduled time.
- **Swing indicator**
The indicator turns on during swing operation.

Remote control



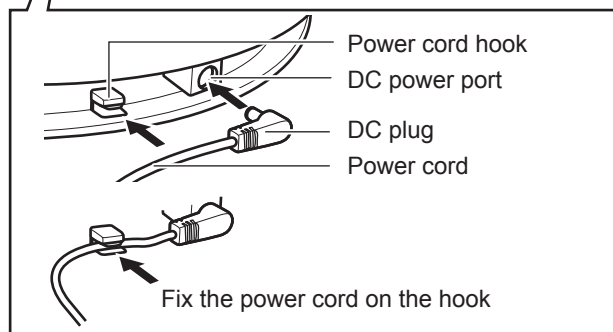
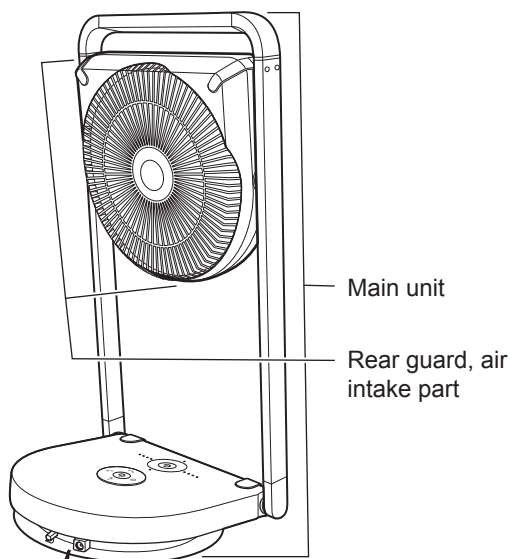
Operation buttons

The functions are same as the buttons on the main unit and the remote control.

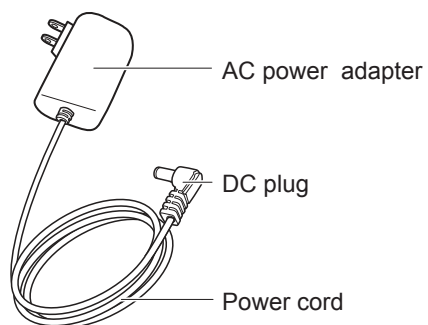
- **A Power button**
Start/stop operation.
- **B Natural/sleep wind indicator**
Switch between natural and sleep wind
Press and hold it for three seconds to set the indicator to off mode.
- **C Timer button**
Set the time of schedule on/off
- **D Air volume button**
Adjust the air volume during operation.
- **E Swing button**
Start/stop swinging.

Transmission area (remote control)

Point this part at the remote control signal receiver of the main unit.

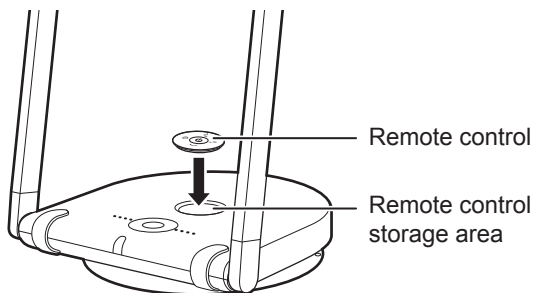


AC power adapter (dedicated)



When the remote control isn't used

Put the remote control in the storage area when it is not in use.



※ The remote control can't be operated in storage area.



Please pay special attention that the remote control has a magnet inside. Do not place the remote control in chest pocket if you are using a cardiac pacemaker; do not put the remote control together with weak magnetic objects (e.g. magnetic card)

How To Use

Packing List

After purchase, please confirm if the following accessories are complete

Main unit.....	1pcs	Coin lithium battery (CR2025).....	1pcs
Remote control.....	1pcs	User Manual.....	1pcs
AC adapter.....	1pcs	Warranty Card.....	1pcs

※Do not throw away the packaging materials after assembly, which can be used to store the product after use.



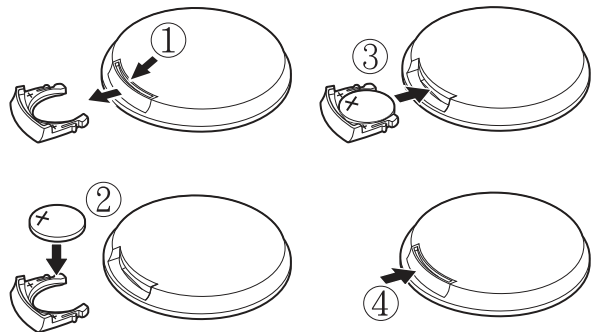
Warning

- Do not turn on the power before the blades and guards are installed.
- Do not turn on the power before the main unit in the correct setting (in a stable place and the support frame is raised).

Preparation before Use

1. Install the battery into the remote control

- ① Pull out the battery case from the remote control
Pull the battery case out of the gap.
- ② Insert the coin lithium battery into the battery case.
Pay attention to the polarity ⊕ ⊖ of the battery. Keep the ⊕ side upwards.
- ③ Insert the battery case into the remote control
- ④ Please insert the battery case until you hear a click sound.



Attention

- To extend the life, remove the battery when it is not used for a long time.
- Please properly mount the battery pole ⊕ ⊖ to avoid battery rupture or liquid leakage.
- Do not charge, short circuit, disassemble, throw in fire or heat the battery.
- When liquid leakage occurs, clean it completely before inserting a new battery.

Usable range

- About 5m in front of the main unit
- About 30° to the left and right sides in front of the main unit
- When there is an obstacle between the remote control and the main unit, the remote control may not work properly.

2. Place the main unit on a stable level place

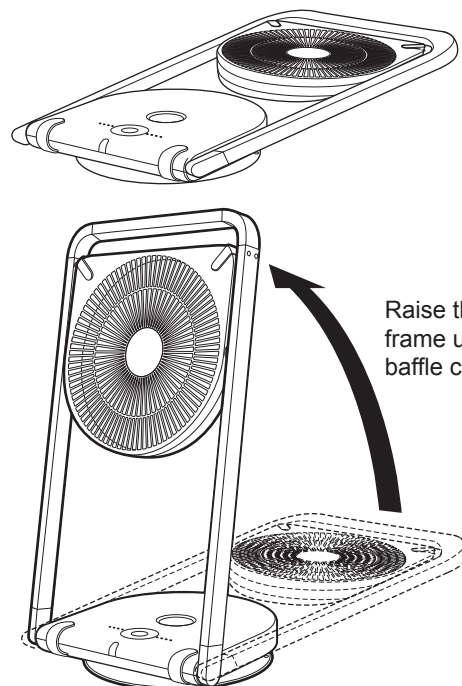
3. Press the base to erect the support frame

Press the base to prevent it from moving, and then erect the support frame to prevent the baffle from moving.




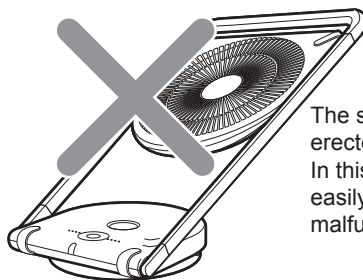
Attention

- Please pay special attention to avoid pinching fingers by the base or support frame.
When erecting the support frame, raise it until the baffle can't move; do not stop midway.
It may cause accident or injury.



※ Do not stop midway when erecting the support frame.

 Attention	<ul style="list-style-type: none">• Do not stop before the support frame is fully erected. It may cause accident or injury, and the support also may fall down.• Do not start operation before the support frame is fully erected.
---	---




The support hasn't been fully erected
In this state, it may fall down easily and cause injury or malfunction.

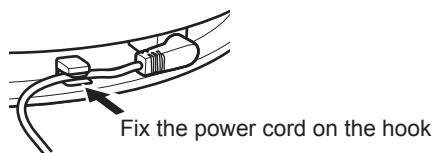
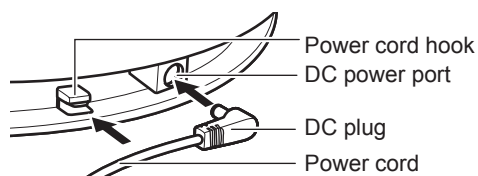
4. Place the main unit on a stable level place

Please hold the handle to erect the support frame or move the main unit.

5. Insert the DC plug of the power adapter into the main unit

- Insert the DC plug into the DC port in the main unit.
- Then, fix the power cord on the hook.

 Attention	<ul style="list-style-type: none">• Be sure to fix the power cord on the hook.• Do not let the DC power line and the power cord being squeezed under the base. It may damage the DC power line and the power cord and cause fire or electric shock.
---	--

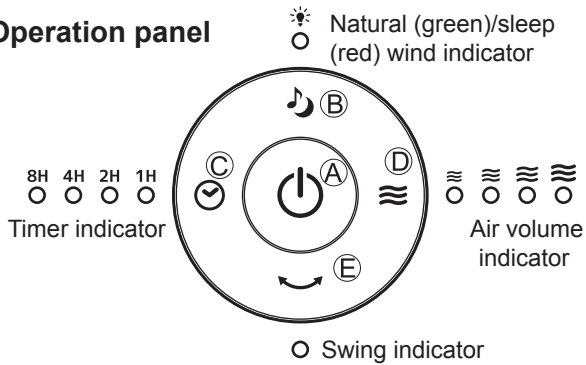


6. Insert the power plug into the power socket

The main unit will make a buzzing sound.

How To Use (cont.)

Operation panel

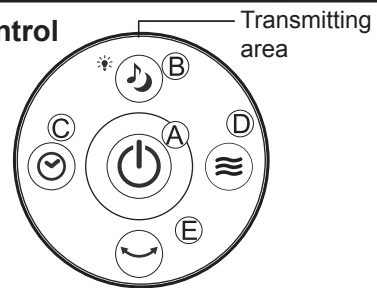


Running indicator

The current status can be confirmed by the indicator light around the operation button.

- **Air volume indicator**
Display the air volume during operation. One of the four indicators turns on during operation (all indicators turn on at level 5 air volume).
- **Natural/sleep wind indicator**
The green indicator turns on in natural wind mode, and the red indicator turns on in sleep wind mode.
- **Timer indicator**
(Red indicator on: scheduled power-on; green indicator on: scheduled power-off)
If scheduled power-on is enabled, the indicator is turned on when the device is turned off at scheduled time.
- **Swing indicator**
The indicator turns on during swing operation.

Remote control



Operation buttons

The functions are same as the buttons on the main unit and the remote control.

- **(A) Power button**
Start/stop operation.
- **(B) Natural/sleep wind indicator**
Switch between natural and sleep wind
Press and hold it for three seconds to set the indicator to off mode.
- **(C) Timer button**
Set the time of schedule on/off
- **(D) Air volume button**
Adjust the air volume during operation.
- **(E) Swing button**
Start/stop swinging.

Transmission area (remote control)

Point this part at the remote control signal receiver of the main unit.

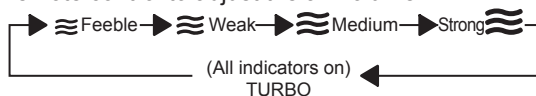
Start/stop operation

1. Start operation

- Simply press the power button (⏻) on the main unit or remote control to start the operation.
- In normal use, the air volume and swing angle will default to the setting when it was turned off last time because of the memory function.
- After inserting AC adaptor into the power socket, press the power button (⏻) on the main unit or the remote control for the first time to start the operation from the minimum air volume and non-swing state.

2. Adjusting air volume

Press the air volume button (⏸) on the main unit or remote control to adjust the air volume.



※ TURBO indicates the strongest air volume.



Attention

- The fan can't start operation before the support frame is fully expanded.
- Keep a sufficient distance between front guard, air supply opening, rear guard, suction port and the surroundings.
- To ensure the safety of the intake and swing, please confirm that distance with the surroundings is sufficient before starting shipping.

Memory function

When you press the power button (⏻) on the main unit or the remote control, operation will start from the last setting mode when the unit was turned off (air volume and swing angle)

※ When the AC adaptor is removed from the plug, the device will automatically restore the initial settings.
[Initial setting] Air volume: Feeble; Swing: None.

3. Natural/sleep wind function

The function can be switched by pressing the natural/sleep wind button (🌀) on the main unit or the remote control.



Press and hold the natural/sleep wind button (🌀) on the main unit or the remote control for 3 seconds to turn off (🌑) the display area and running indicator.

4. Start/stop swinging

Pressing the swing button (↔) on the main unit or the remote control during operation will start swinging. Pressing it again will stop swinging.

The left-right swing direction can be changed manually
The range of the angle is about 60° (three segments in each direction, 10° per segment)

Attention

- It is prohibited to change the direction forcibly in the swing process.
- For safety reason, turn off the power before changing the direction.
- Changing direction forcibly may cause device damage, failure and noise.

5. Stop operation

During operation, simply press the power button (🔘) on the main unit or the remote control to stop.

Auto-off function
The fan will automatically stop running after 12 hours since the last operation of the main unit or the remote control.

6. Pull the AC adapter out of the power socket

Warning

Unplug the AC adapter from the power socket after use.
Failure to remove it may cause fire or device failure.

Attention

- **When the AC adapter is plugged into the power socket, the current will continue to flow to the AC adapter and the microcomputer controller.**
To save power when the fan is unused for a long period of time, unplug the AC adapter from the power socket.
- **When power failure occurs or the AC adapter is removed from the power socket during running, all settings will be cancelled and the operation will stop.**
Please restart the operation.
- Please prevent water spill to the product and keep out of water. It may cause short circuit, electric shock and other safety accidents.

About natural/sleep wind function

Natural wind (green indicator on)

Adjust the air volume to reproduce the feeling of natural wind.

Press the air volume button (🌀) on the main unit or remote control to change the air volume.

Sleep wind (red indicator on)

Adjust the air volume to reproduce the feeling of natural wind.

Press the air volume button (🌀) on the main unit or remote control to change the air volume as follows.

(TURBO) TURBO natural wind → Strong natural wind → Medium natural wind → Weak natural wind → Feeble natural wind: Changes with time.

(≡ At strong wind) Strong natural wind → Medium natural wind → Weak natural wind → Feeble natural wind: Changes with time.

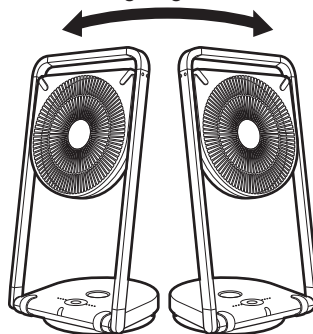
(≡ At medium wind) Medium natural wind → Weak natural wind → Feeble natural wind: Changes with time.

(≡ At weak wind) Weak natural wind → Feeble natural wind: Changes with time.

(≡ At feeble wind) Same as feeble natural wind.

※ During sleep wind, the air volume indicator remains the display at the time of setting even if the air volume changes.

The swing angle is about 75°



Dimming mode

If you feel that the indicator is glaring, you can press and hold the natural/sleep wind button (🌀) on the main unit or the remote control for three seconds) to set the dimming mode.

Unplug the power plug from the power socket after use
Cancel dimming mode

- Press and hold the natural/sleep wind button (🌀) for three seconds
- Stop running


How To Use (cont.)


Setting timer

Off timer setting

When off timer is set, the fan will automatically stop running after reaching the set time.


1. Press the timer button during running to set the off timer



When you press the timer button  during running, the timer indicator will turn on, and the schedule off mode is enabled.

The time for schedule off can be set by pressing the timer button .

- Please confirm the timer indicator and set the time before the device stops.
- When the off timer is set, the timer display will show the remaining time before the schedule off function starts.

2. Cancellation of schedule off


The timer indicator will automatically turn off by simply pressing the timer button  several times.

 Warning	After use, press the power button  to turn off the power and unplug the AC adapter from the power socket. It may cause fire or malfunction.
---	---


On timer settings

When on timer is set, the fan will automatically start running after reaching the set time.

1. Press the timer button to set the on timer when the fan is stopped


If you press the timer button  when the fan is stopped, the timer indicator will start flashing, indicating that the schedule on mode is enabled.

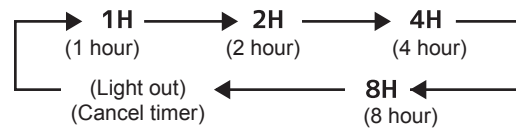
- The indicator for the last air volume (including the swing indicator) also flashes (→Memory function).

The time for schedule on can be set by pressing the timer button .

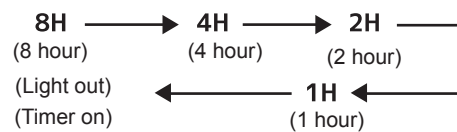
- When the on timer is set, the timer indicator will show the remaining time before the schedule on function starts.

About the timer indicator

Each time you press the timer button , the timer indicator will switch in sequence as follows.




After the off/on timer is set, the timer indicator will change with the time and show the time before the timer is activated.



The red indicator turns on when the on timer is set, and the green indicator turns on when the off timer is set.

※ The on timer and off timer can't be set at the same time.

 Attention	Before enabling the on timer, check the surrounding environment to ensure that the fan can operate normally after reaching the set time. Do not use the on timer in an environment where there are children, where strong wind may cause the device to tip over.
---	---

2. Setting running air volume when reaching the set time

You can simply press the air volume button (⊞) on the main unit or the remote control to set the running air volume at the set time. The air volume indicator also flashes.

- The wind blowing mode at the set time can be set by pressing the swing button (☺) and the natural/sleep wind (🌀) button.
- Confirm the settings through the flashing indicator.

Auto-off function

The fan will automatically shut down after 12 hours of continuous operation even if it is started through the on timer.

The fan will automatically stop running after 12 hours since the last operation of the main unit or the remote control.

3. Cancel the setting of schedule on

You can simply press the timer button (🕒) on the main unit or the remote control several times and the timer indicator will turn off automatically.

Adjusting up/down angle

Hold the handle, and press the top or bottom of the front guard to turn it up and down slowly.

- When adjusting the angle, stop the operation and make sure that the blades have stopped.
- Hold the main unit with one hand and adjust with the other to avoid tipping over.



Attention

Be careful to avoid pinching your fingers while adjusting the angle during operation. It may cause injury or malfunction.

Used as circulating fan

It can be used to circulate the air in the room and can be used together with an air conditioner to improve the efficiency.

Handling

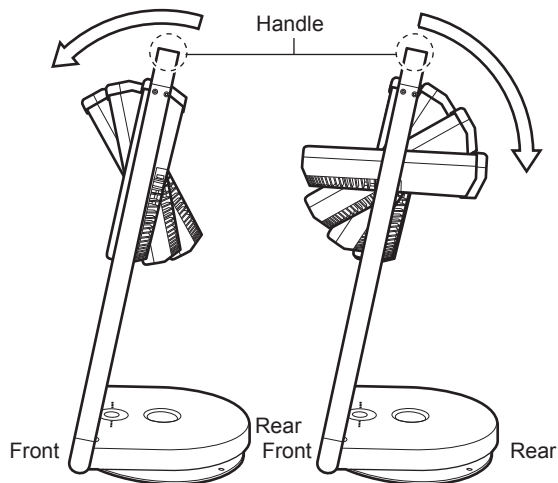
Please hold the handle when handling.

Down swing

The angle can be adjusted by 45° from the front at most

Up swing

The angle can be adjusted by 90° from the front at most



Maintenance and Storage



Before cleaning or maintenance, be sure to unplug the AC adapter from the power socket. It may cause electric shock, fire, or injury.

Notice

- Never use household detergents or diluted solvents, volatile oils, alcohol or abrasive powder for cleaning.
- Do not spray water on the main unit and AC adapter (it may cause electric shock or malfunction)

Cleaning and maintenance

Routine cleaning and maintenance (when the main unit is dirty)

If the main unit is dirty, wring a soft cloth soaked in warm water or neutral detergent (except citrus type) and wipe it gently, then dry the surface gently with a dry cloth. (Do not rub the resin part hard, or else it may cause damage)

Routine cleaning and maintenance

Please clean the dust from the front guard, air supply opening, rear guard and suction port with a vacuum cleaner.

Internal cleaning and maintenance

Remove the front guard and the fan blade as described below and perform internal cleaning and maintenance.

Remove the parts

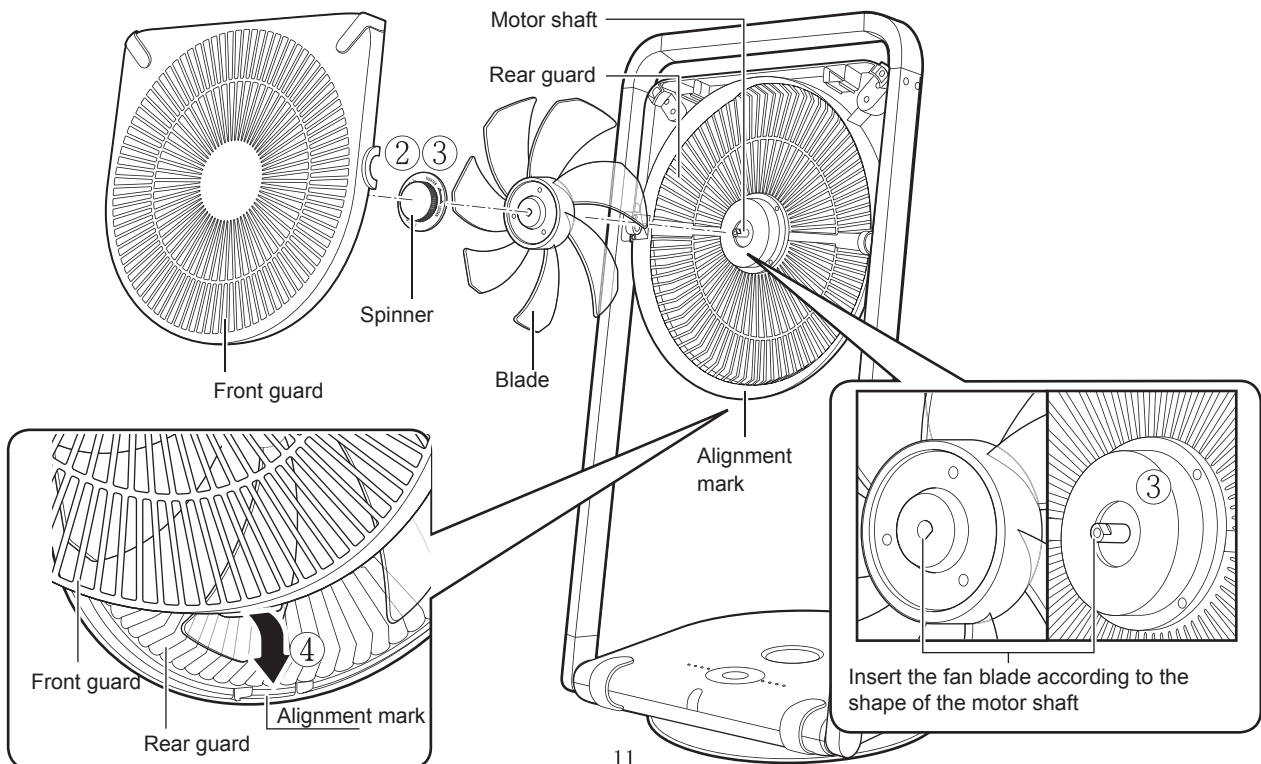
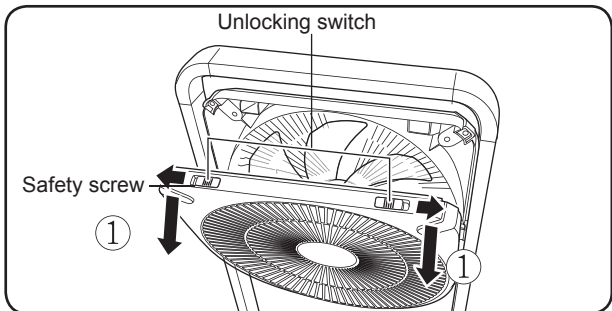
- ① Unscrew the safety screw to unlock the two switches on the top of the front guard by pulling them outwards. Pull forward to remove the front guard.
- ② Rotate the spinner to the right and remove the blade.

Install the parts

- ③ Insert the fan blade in accordance with the shape of the motor shaft, then turn the spinner to the left and lock it to the left.
- ④ Align the hook under the front guard with the alignment mark under the rear guard, and then lock the two switches and screw the safety screw on the top of the front guard.



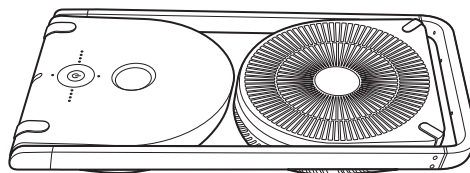
- After cleaning and maintenance, be sure to install the fan blades, spinner, and front guard correctly.
- Do not operate until the front guard is installed properly.



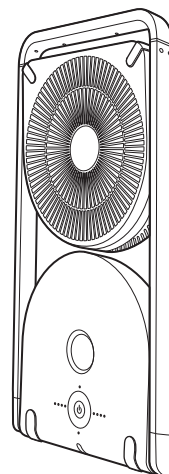
Folding the support frame (minimizing)

The unit can be folded (minimized) in a compact state when it is not in use.


1. Stop the operation with the fan blades facing the front, unplug the AC adapter from the power socket, and remove the DC plug from the main unit.
 2. Press the base, hold the handle, and slowly lower the support frame to the base side (reverse to the steps of 3. Press the base to erect the support frame on page 5)
- ※ Do not place the minimized fan upright in a place where people are passing through.
 - ※ Please insert the remote control into the storage area and store it in an appropriate place.



Minimized state



It can be stored in a narrow place after being minimized

 Attention	<ul style="list-style-type: none">• Always unplug the AC adapter from the power socket before folding.• When folding the support frame, be careful to avoid pinching your fingers. It may cause injury or malfunction.• Do not place the minimized fan upright. Do not store it within the reach of children. It is possible to expand or fall down.• Only hold the handle while moving.
---	---

Storage method

- Clean the dust from the front guard, air supply opening, rear guard and suction port with a vacuum cleaner.
- Fully dry after cleaning and maintenance.
- Put on a plastic bag, put it in the packaging box, and store it in a place where there is no moisture.
- When storing for a long time, remove the battery of the remote control.

Troubleshooting

⚠ Warning Only qualified technicians are allowed to disassemble or repair the fan.

Check according to the following table when you think it may have “failure”.

Problem	Cause	Solution
No power	• Power plug falls off the power socket	Insert the power plug into the power socket
	• DC plug falls off the DC port	Insert the DC plug into the DC port (page 4)
Air volume too small	• Too much dust accumulated on the front guard, air supply opening, rear guard or suction port	Clean the dust with vacuum cleaner
	• The rear guard or air supply opening is blocked	<ul style="list-style-type: none"> • Eliminate blockage of the rear guard or air supply opening • Remove the objects blocking the rear guard or air supply opening
Running stops suddenly	• Auto-off function is enabled to turn off the power automatically	Press the power button (⏻) on the main unit or the remote control to turn on the power
Running indicator is dark	• The dimmer mode is enabled.	Press and hold the natural/sleep wind button (🌀) on the main unit or the remote control for three seconds, or stop the running
Too much noise during running	• The front guard or blades are not properly installed	Install the front guard and blades properly
	• The base isn't fully erected	Erect the base until it is fully upright
The indicator flashes but the fan does not work when the button is pressed	• On timer is enabled	Press the timer button repeatedly to disable the timer
Remote operation invalid	• The battery voltage is low	Replace the battery
	• The battery is loaded incorrectly	Install the battery properly
	<ul style="list-style-type: none"> • The remote control is installed in the storage area during operation • The remote control doesn't point at the receiver • Too far away from the receiver 	Point at the receiver Operate in effective range

Fans used for long term should be carefully inspected

Is there any of the following situations?

- Power cord or AC adapter heats up abnormally.
- The power is connected and disconnected repeatedly
- Burning smell
- Other abnormalities & failures

Please cut off the power, unplug the AC adapter and contact the dealer or Shun Hing Electric Service Centre Ltd.