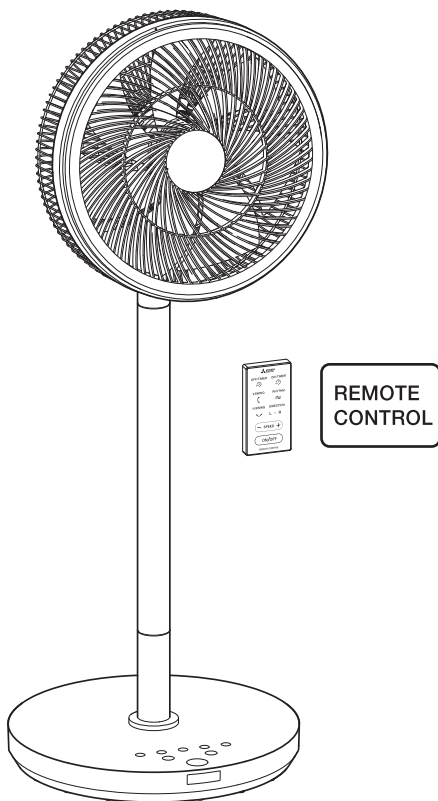




ELECTRIC DESK FAN INSTRUCTION MANUAL

MODEL R12A-D□ , R12A-D□-P



Instruction manuals are available on the company website :

Singapore <https://www.mitsubishielectric.com.sg>
Malaysia <http://www.mitsubishielectricmalaysia.com>
Australia <http://www.mitsubishielectric.com.au>

Hong Kong <http://hk.mitsubishielectric.com>
Brunei <http://www.tskelectric.com>
New Zealand <https://www.bdt.co.nz/home>

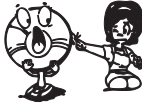
REMARK : □ IS THE ALPHABET OF PRODUCTION YEAR

FOR SAFETY, PLEASE READ THIS MANUAL PRIOR TO INSTALL AND OPERATING

CAUTION

①

Do not insert fingers or objects into the guard because propeller fan might be damaged and cause injury.



④

Do not use the fan near curtain because it can cause damage and accidents.



②

Do not use the fan in :

- Room temperature over 45 °C
- Very humid area
- Near fire or wet area
- Area containing high amount of oil, chemicals, dust



⑤

Be careful not to blow the fan wind directly toward body for a long time especially for patient, infants and the elderly.



③

Do not apply any kind of spray. Otherwise, the plastic parts might be damaged or deformed.



⑥

If the supply cord of this appliance is damaged, it must only be replaced by a qualified technician or MITSUBISHI ELECTRIC SERVICE CENTRE



⑦

Caution for "Remote Control" feature :

- Insert pole (+, -) of battery properly.
- Use only a size of battery : CR 2025 (3.0 V.)
- Keep remote control in a proper place. Do not lose it because it controls the operation of the fan.
- Remote control should be used carefully. Do not break it.

CARE INSTRUCTION

1. The fan must switch off from supply mains before removing the guard.
2. To prevent accidents, always unplug the fan before cleaning. Also keep electrical parts out of water.
3. Clean the dirty parts (propeller fan, stand, base, guard, etc.) by using soft cloth, soaked and damped in warm water or mild detergent then wipe dry with soft cloth.
4. Do not use volatile chemicals (gasoline, benzene, thinner, spray cleaner, alcohol, etc.) or other chemicals (treated dust cloths, alkaline soap solutions, boiling water, cleaner, etc.) for cleaning because all of these can damage the plastic parts.
5. If a large amount of dust collects on the propeller fan, it may cause overheating or excessive vibration of the motor. This can lead to burn out and other damages, so be sure to keep the propeller fan clean.
6. 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.
7. Children should be supervised to ensure that do not play with the appliance.



WARNING

Disassembly and repair should not be done unless carrying by a specialized technician (cause of fire, electric shock and injury). Please consult your MITSUBISHI ELECTRIC dealer or service center.

PART NAME



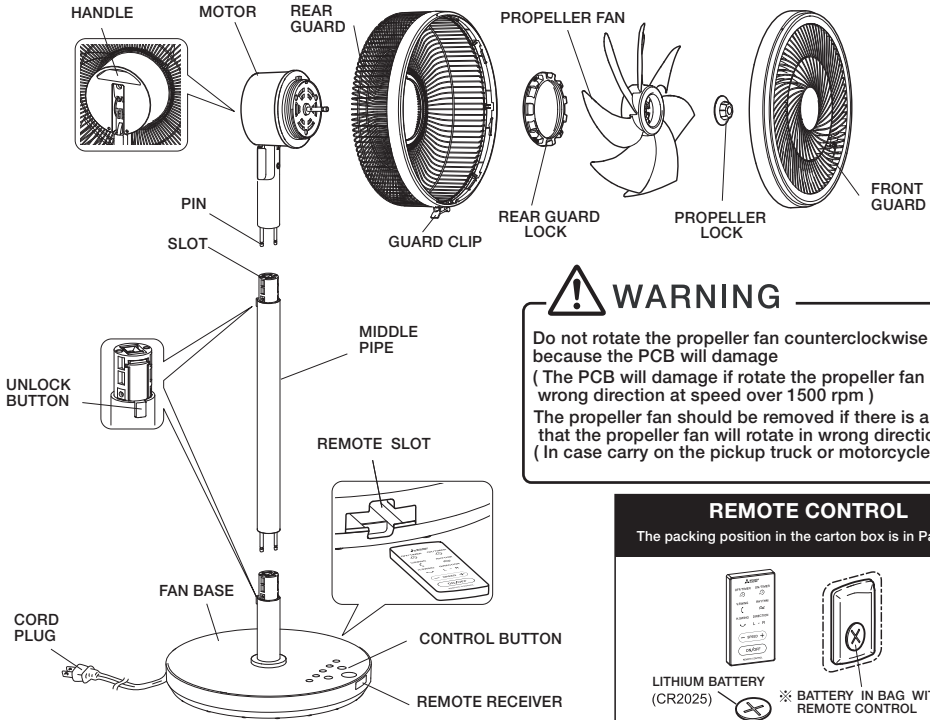
WARNING

- Do not place objects or a fan over the power cord
(The power cord will be damaged / Burning or Short circuit)
- Do not start the fan while removing propeller fan or guard
(Propeller fan might be damaged and cause injury)



CAUTION

- Wear gloves when cleaning or maintenance parts (May be injured if do not wear gloves)



WARNING

Do not rotate the propeller fan counterclockwise because the PCB will damage
(The PCB will damage if rotate the propeller fan in wrong direction at speed over 1500 rpm)
The propeller fan should be removed if there is a risk that the propeller fan will rotate in wrong direction
(In case carry on the pickup truck or motorcycle)

REMOTE CONTROL

The packing position in the carton box is in Page 8



LITHIUM BATTERY
(CR2025)



BATTERY IN BAG WITH
REMOTE CONTROL

OPERATION CONTROL

Rhythm

START-STOP FUNCTION NATURAL WIND

SEE PAGE. 4

V.SWING (VERTICAL)

START-STOP SWING UP AND DOWN

SEE PAGE. 6

TURN OFF LED LIGHT AND SOUND

SEE PAGE. 6

H.SWING (HORIZONTAL)

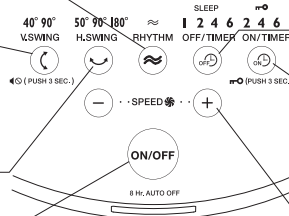
START-STOP SWING LEFT AND RIGHT

SEE PAGE. 6

ON/OFF

START-STOP FAN OPERATING

SEE PAGE. 4



REMOTE CONTROL OPERATION

SWING DIRECTION (HORIZONTAL)



CHANGE THE DIRECTION

LEFT, RIGHT AND STOP SWING

SEE PAGE. 8

LED SPEED

DISPLAY A LEVEL OF WIND SPEED

SEE PAGE. 4

OFF timer

STOPPING TIME SETTING

SEE PAGE. 4

ON timer

STARTING TIME SETTING

SEE PAGE. 5

START-STOP CHILD LOCK MODE

SEE PAGE. 6

SPEED

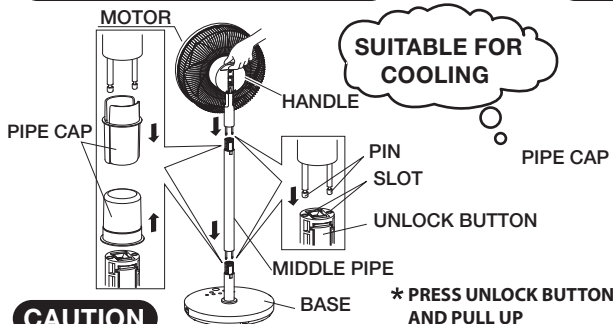
WIND SPEED LEVEL CONTROL

SEE PAGE. 4

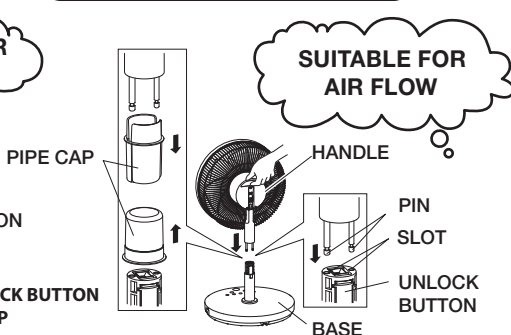
ASSEMBLY

1. Remove a pipe cap from the Motor , Middle pipe , Base
2. Insert pin into slot
3. There are difference pin size (Cannot assemble if the pin diameter not match with slot)

HIGH POSITION ASSEMBLY



LOW POSITION ASSEMBLY



CAUTION

- Unplug the fan before assembly the Motor , Middle pipe , Base
- Take a fan handle on a motor cover
- During to assembly. Do not adjust the degree of fan by hand
- Insert a middle pipe before the motor (in case the high position assembly)
- removed the motor first (in case of disassembly)

USAGE



WARNING

- Do not insert fingers or objects into the guard and moving parts (might be damaged and injury)
- Do not take a face near the rear guard

1 PLUG CONNECTION

A fan has sound “Beep” when the plug connected.

MEMO

When the plug connected, the bases will warm up even the fan switch off because its has current in a PCB (~ 2 Watt)

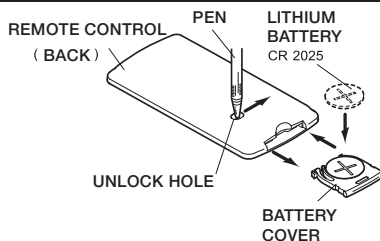
2 REMOTE CONTROL AND BATTERY

How to install Lithium battery

- ① Press the tip pen to rear hold and slide along arrow direction
- ② Put the battery cover out
- ③ Put the Lithium battery in and always keep over cover
- ④ Pull cover untill “click” sound

Suggestion

- Do not use others kind of battery.
- Do not drop or impact remote control.



3 FAN OPERATION AND REMOTE CONTROL

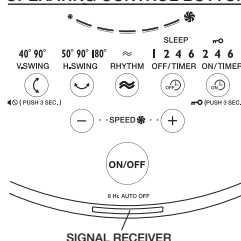
Press remote control button and checking LED display.
Control function of fan must be same with remote control.
Child lock function , Turn off LED light and sound cannot control by remote.
Change direction function by remote control.

CAUTION

- Turn the direction of remote sensor to match with signal receiver
- Press on a center of remote control button



OPERATING CONTROL BUTTON

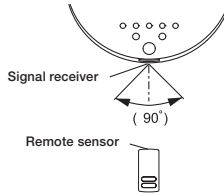


REMOTE CONTROL BUTTON



4 Receiver Control Panel and Remote Control

- Distance from Remote control to Receiver control panel 4 m. and 90 degree from the left & right side.
- * In Case of receiver control near the floor, It might not operate as set condition.
- Low battery, Please change to new lithium battery (CR 2025 model).



Remote Control will not operate with the condition as;

- Remote Control and Receiver Control Panel are damaged.
- In case of effective from Inverter or HI-light equipment.
- In case of effective from sunlight to receiver control panel.
- In case of effective from magnetic (television etc).

(1) START - STOP OPERATION

1. Press button (ON/OFF)

■ Fan start operating,
LED SPEED display

2. Press button (ON/OFF) again

■ Fan stop operating,
LED SPEED disappear

1. MEMORY FUNCTION:

The fan can record the last operation condition (wind speed) after switching off while the power cord is being connected. When pressing ON/OFF button to switch on the fan, it can remain the former wind speed. If the power cord is disconnected and then reconnect, the wind speed is always at LOW SPEED

2. 8 Hr. AUTO OFF :

To prevent from forgetting switch off, when the fan is operating and there is not any button to be pressed until 8 hours, the fan will automatically stop its operation.

To cancel this function, press and hold the V SWING (C) button and TIMER ON (D) button simultaneously for 3 seconds. Then the fan will stop operation and press ON/OFF button to start it again.

In case the power cord is disconnected and reconnected with ON/OFF button pressing to switch on the fan, AUTO OFF function will be reactivated after 8 hours.

3. Motor lock function :

The fan will automatically stop its operation, when the propeller fan was locked
Press ON/OFF button to restart operation.

(2) SPEED CONTROL

PRESS SPEED (-) · · · SPEED (+)

■ Press + for increase wind speed ■ Press - for decrease wind speed

MEMO → 5 Levels speed control
LED light display a level of current speed

SPEED * (LOW) ————— SPEED (HIGH)

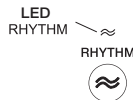
(3) RHYTHM

1. START RHYTHM (RHYTHM)

■ Start natural wind mode LED RHYTHM appear

2. STOP RHYTHM (RHYTHM)

■ Stop natural wind mode LED RHYTHM disappear



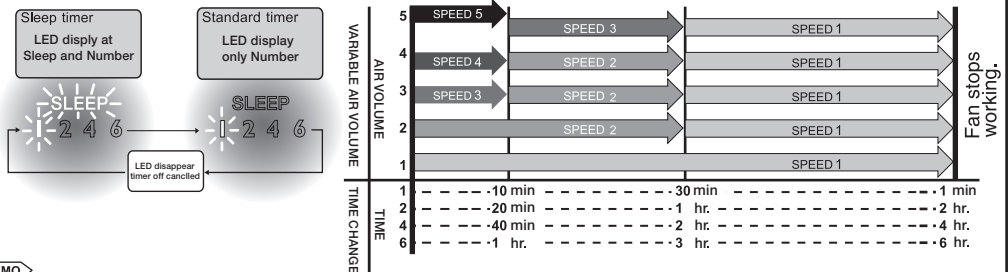
(4) Timer OFF ("Sleep timer" AND "Standard timer")

Stopping Time Setting (OFF TIMER)

- There are 2 options for stopping time setting; gradually reduce the wind speed (SLEEP MODE) or suddenly stop at the setting time.

Press (OFF/TIMER) LED OFF timer appear, OFF timer function start operating

- Time setting always change, after press the button.
- Gradually reducing wind speed pattern



MEMO →

- Each time of pressing button as OFF TIMER, display light will change accordingly.
- Time length for stopping time setting shall be counted from the setting time is at the last position of setting. If there is any change of time setting, the counter shall restart counting time.

USAGE

(5) To set the starting operation time (ON TIMER), the fan will start working automatically

- The fan will start operation automatically once the setting time is reached at speed 2 and it will stop operation automatically after 2 hours. (can be used with air conditioner by setting the starting time after the air conditioner stops operation or anytime you need.)



WARNING

- Do not touch the propeller fan or guard while the fan is on timer mode

- While the fan is stopped and ON TIMER switch is pressed, the light indicator will be changed accordingly.

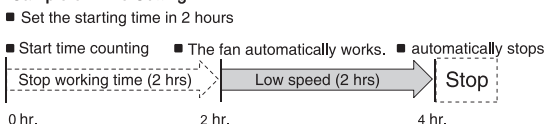
Remarks:

- OFF TIMER can be set after setting the ON TIMER (if there is no OFF TIMER setting, the fan will stop automatically after 2 hours.)
- 5 seconds before the fan starts, the light indicator is flashing at LOW speed.
- The time is counted when ON TIMER is set at the last position. If there is any change of ON TIMER setting, the time will be recounted.
- After the fan starts working automatically due to ON TIMER and any control switch is pressed, the auto stop working after 2 hours will be cancelled.



The light indicator OFF when the setting time is cancelled.

Sample of Time Setting

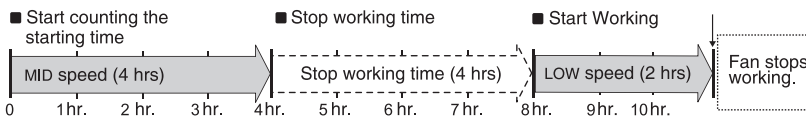


(6) To set the stopping operation time (OFF TIMER), with ON TIMER setting -1

- When the OFF TIMER is set first and then ON TIMER is set, the time shall be counted the stopping time first. At the stopping time, the fan will stop and then the time will be recounted for the starting time. At the starting time setting, the fan will start working again. If there is not any switch pressed, the fan will stop after 2 hours.

Time Setting Sample :

The fan is at MID wind speed and the OFF TIMER is set at 4 hours. Then the ON TIMER is set at 4 hours.

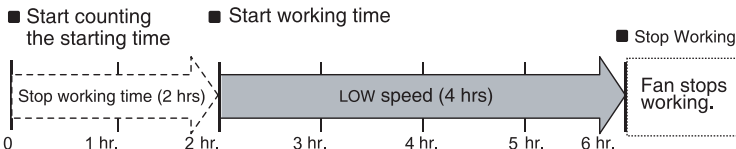


(7) To set the stopping operation time (OFF TIMER), with ON TIMER setting -2

- When the ON TIMER is set first and then OFF TIMER is set, the time shall be counted the starting time first. At the starting time, the fan will start automatically and then the time will be recounted for the stopping time. At the stopping time setting, the fan will stop working.

Time Setting Sample :

ON TIMER is set at 2 hours, then the OFF TIMER is set at 4 hours



(8) Child Lock mode

LED key sign is on when Child Lock mode is activated .

Child Lock mode, designated for preventing from unintentionally misuse by children. When the Child Lock mode is set all the buttons on control panels are locked.

- When fan is operating, press and hold "ON/TIMER" button for 3 seconds or until hear "beep" sound and LED light at locking key sign is on.
- In CHILD LOCK mode when fan is operating, all buttons will be deactivated, users will not be able to use any control button, except OFF and CHILD LOCK button.
- In CHILD LOCK mode when fan is off, all buttons will be deactivated, users will not be able to use any control button, except CHILD LOCK button.
- To turn off CHILD LOCK mode, press and hold CHILD LOCK button for 3 seconds or till hear "beep" sound for 2 times and LED light is off.

Remarks: While the Child Lock mode is activated, if any button is pressed, the beep will sound 3 times and the LED key sign will flash.

(9) Night Mode

- Night Mode , designated for providing you comfort by deactivating all display light and beep sound, functional during your sleep, night time or other preferred occasion

V.SWING

Press and hold for 3 Sec.

⏏ (PUSH 3 SEC.)

- To activate the Night Mode, press " V.SWING " button and hold for 3 seconds (Until the beep sounds and LED is off)
- To deactivate the Night Mode, press " V.SWING " button and hold for 3 seconds (Until the beep sounds twice and LED is on)

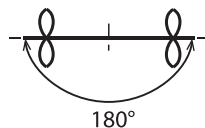
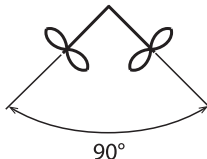
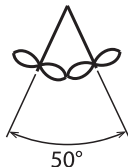
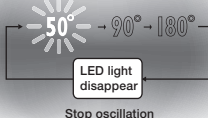


(10) OSCILLATION

HORIZONTAL SWING

H.SWING

Press H.SWING () button to turn on oscillation, LED light display at the oscillation degree



- While start the horizontal swing , Fan might be stop moving for set the position
- When connecting plug and press swing button , Fan will moving back to start at the center axis

USAGE

(10) OSCILLATION

CHANGE DIRECTION

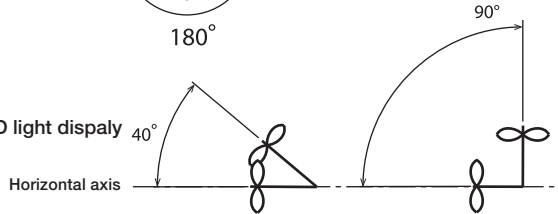
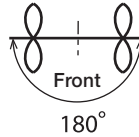
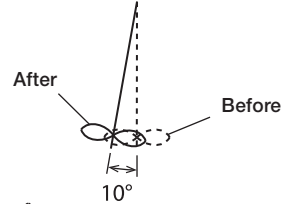
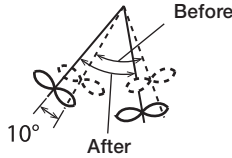
- ① While operating in H.swing mode, press **L** or **R** button at the remote control. The fan will swing Left or Right 10°
- ② While the normal operating, press **L** or **R** button at the remote control. The fan will swing Left or Right 10°

✳ Cannot change direction at 180°

Ex : Press button **L**

MEMO

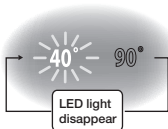
- Swing adjustment limit at 180° (from front)
- While change the direction, Fan will stop for setting the position



VERTICAL SWING

Press V.SWING () Start vertical oscillation, LED light display 40°

⏻ (PUSH 3 SEC.)



Stop oscillation

WARNING

- **Don't** (force) rotate part of motor to swing vertical and horizontal by hand, may cause gear inside damage, use the function key button switch or remote control is recommended.

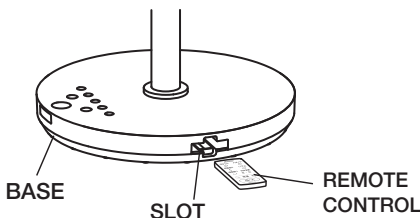
WARNING

- While start the vertical swing, Fan might be stopped moving for setting the position.



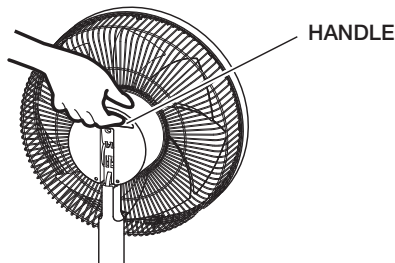
5 REMOTE CONTROL STORAGE

Keep the remote control in BASE SLOT



6 HANDLE

Take handle at the motor cover



MAINTAINING AND PACKING



WARNING

- Assembly and maintenance, please do according to the manual
- Please make sure unplug the fan before cleaning

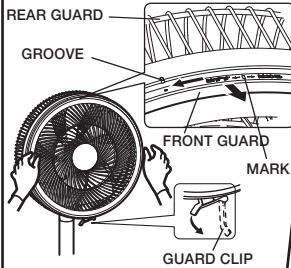


CAUTION

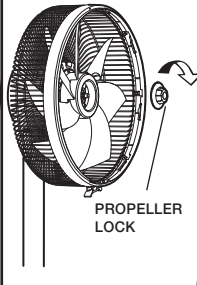
- Wear gloves when cleaning or parts maintenance (May be injured if do not wear gloves)

<MAINTAINANCE>

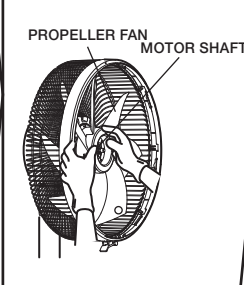
- ① Take the front guard out of the rear guard by releasing the guard clip and prying the guard lock until latches separated. Then remove the front guard.



- ② Remove the Propeller lock by turn its clockwise

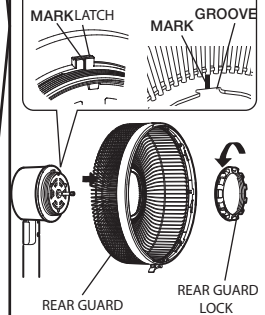


- ③ Remove the propeller fan from rotor shaft



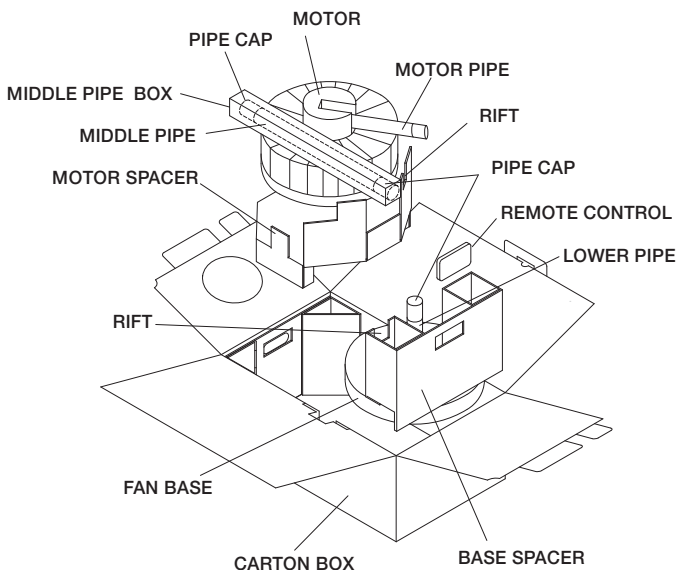
- ④ Remove the rear guard lock by rotate counter clockwise

Align Back Guard to Motor cover by use Latch and Groove guiding.



WARNING - KEEP BATTERIES OUT OF REACH OF CHILDREN

- Swallowing may lead to serious injury in as little as 2 hours or death, due to chemical burns and potential perforation of the oesophagus.
- If you suspect your child has swallowed or inserted a button battery immediately call the Poisons Information Centre in your country for fast, expert advice.
- Examine devices and make sure the battery compartment is correctly secured, e.g. that the screw or other mechanical fastener is tightened. Do not use if compartment is not secure.
- Dispose of used button batteries immediately and safely. Flat batteries can still be dangerous.
- Tell others about the risk associated with button batteries and how to keep their children safe.



<PACKING>

CAUTION

- Do not transport the product in a fanless condition. In transit, please store in a carton box (The product or parts might be damaged)

HOW TO PACK

- ①. Turn the motor to alignment , moving up and down
- ②. Pull the plug out of the receptance , Then remove the motor from a middle pipe (See page. 3)
- ③. Put a pipe cap into the motor pipe , middle pipe and lower pipe
After that put all parts into the plastic bag
- ④. Put the fan base in a carton box
- ⑤. Put the Base spacer and Motor spacer in the carton box
- ⑥. Put the motor on a motor spacer and alignment with middle pipe box
- ⑦. Put the middle pipe into a carton box (between rift of base spacer and motor spacer)
- ⑧. Put remote control in the carton box

✳ Should be stored in dry place

