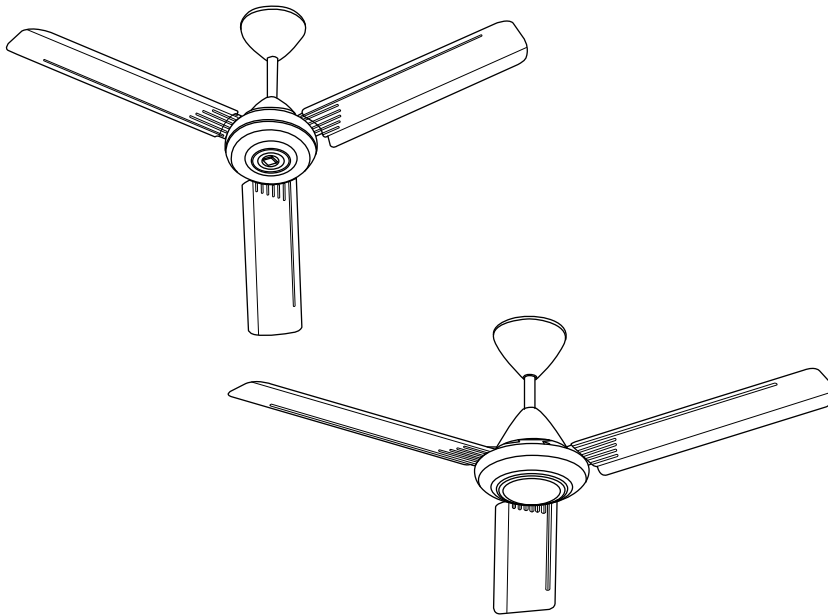


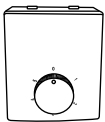
# Operating And Installation Instructions



## Ceiling Fan

Model Number

**M56RG  
N56RG**



Thank you for purchasing KDK Ceiling Fan.













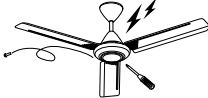







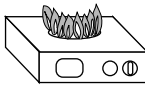
Before operating this product, please read the instructions carefully, and keep this manual for future reference.

Contents	Page
Safety Precautions	2
Supplied Parts	4
How To Assemble	4
How To Use	12
Maintenance	12
Product Specification	12

# Safety Precautions

To avoid the possibility of causing injury to users or damage to properties, please follow all the explanations written below.

	<b>WARNING</b>	A state that may be caused by the mishandling of products, which, if not avoided, may lead to the possibility of death or serious injury of users.
	<b>CAUTION</b>	A state that may be caused by the mishandling of products, which, if not avoided, may result in the injury of users or property damage.
		This symbol denotes an action that is <b>COMPULSORY</b> .
		This symbol denotes an action that is <b>PROHIBITED</b> .

 <b>WARNING</b>		
 Follow strictly to all the instructions given in this manual for installation. Electrical wiring must be done by competent personnel. Installation must be done by a qualified personnel. Installation error can cause fire, electrical shock, Ceiling Fan drops and injuries.		
 Stop using the Ceiling Fan when any abnormality or failure occurs and turn "OFF" the Miniature Circuit Breaker (MCB). (Risk of smoke, fire, electric shock and drop)		
<p>Switch off power supply and wait until the Blade is fully static, before cleaning or doing any maintenance jobs.</p>   <p>Can cause Ceiling Fan to move suddenly, injuries and electrical shock. Kindly refer to your sales agent for repairing or maintenance issue.</p>	<p>Do not dismantle the Ceiling Fan unless stated by this manual. Must use only supplied parts.</p>   <p>Can cause fire, electrical shock, Ceiling Fan drops and injuries.</p>	<p>Avoid damage wire during installation eg. Deform due to heat, twist, bend, etc.</p>  <p>Can cause fire, explosion, short circuit and electrical shock.</p>
<p>Ensure the Pipe has been fully tighten to Motor Shaft. (Bolt tightening torque is 800~1200 N•cm) and Cotter Pin must fix into Bolt and bent.</p>  <p>Can cause injury if Ceiling Fan drops.</p>	<p>Ensure Ceiling Hook can afford more than 10 times the Ceiling Fan weight.</p>  <p>Can cause injury if Ceiling Fan drops.</p>	<p>Do not sprinkle water to Ceiling Fan. Or, do not wet Ceiling Fan.</p>  <p>Can cause fire, explosion, short circuit and electrical shock.</p>
<p>Tighten the Blade Screws firmly using a screwdriver.</p>  <p>Can cause injury if Blade drops.</p>	<p>Do not use power supply other than rated voltage mentioned.</p>  <p>Overheating can cause electrical shock and fire.</p>	<p>Do not install near a flammable area such as a gas cooker.</p>   <p>Can cause fire, explosion, short circuit and electrical shock.</p>

## ! WARNING

Do not touch the Ceiling Fan while it is operating.



Can cause injury, damage and Ceiling Fan drops.

Avoid installing Ceiling Fan at oily and dusty places.



Can cause fire, explosion, short circuit and electrical shock.

Do not hang up to the Ceiling Fan.



Can cause Ceiling Fan drops and injuries.

Dismantle the broken or damage Ceiling Fan.



Can cause Ceiling Fan drops and injuries.

Do not install near chemicals and alkali.



Can cause fire, explosion, short circuit and electrical shock.

## ! CAUTION

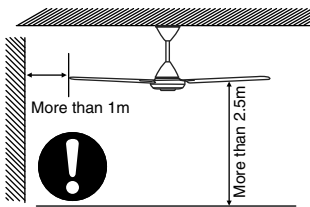


This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



To avoid the possibility of causing injury to users or damage to properties, please follow all the explanation written in this manual. The manufacturer will not be responsible for any accidents and injuries caused by defective, deficient installation or installation which does not follow to instruction manual.

Ceiling Fan must be mounted above 2.5m from the floor and 1m from the wall to the Blade. Avoid fixing inside the dome ceiling.



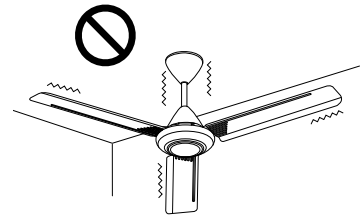
Can cause injury if hit by the Blades.  
Can cause unstable air flow and effect the Ceiling Fan to wobble.

Avoid continuous exposure of direct wind from the Ceiling Fan.



It may cause discomfort.  
This product is for in house use only.  
Can cause rusty, discolour, damage and injury.

Do not install at places where there is high vibration and impact.



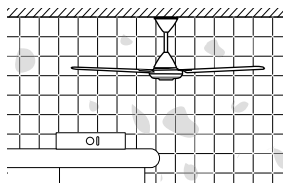
Can cause injury if Ceiling Fan drops.

Do not use solvents (Gasoline and petroleum) or any other chemicals. Wipe away dirt with a clean soft cloth, ordinary soap and water to keep the fan clean.



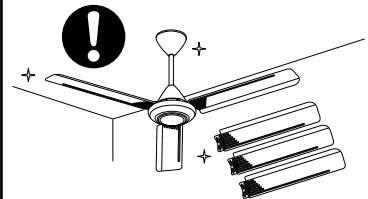
Can cause plastic part deformation and metal corrosion.

Do not install Ceiling Fan at a wet, high temperature and high humidity area such as shower room.



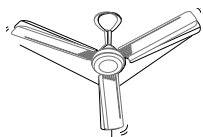
If an electrical current leakage occurs, it can easily cause electrical shock and fire.

Replace all the Blades if any of them broken or crack.



Vibration can cause the Ceiling Fan to fall.

After installation make sure the Ceiling Fan does not wobble extremely.



Can cause injury if Ceiling Fan drops.

This product is for in house use only. Do not install at a windy places.



Can cause rusty, discolour, damage and injury.

Do not connect the Ceiling Fan to dimmer switch.

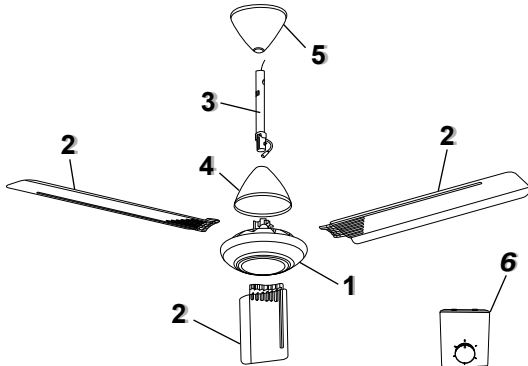


Dimmer Switch

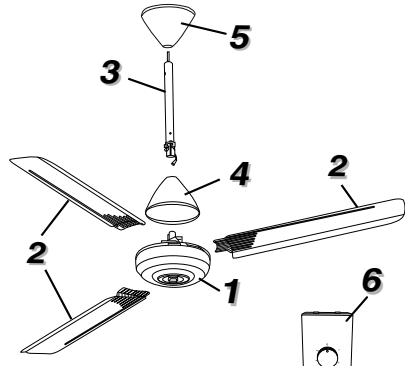
It can damage the Ceiling Fan.

# Supplied Parts

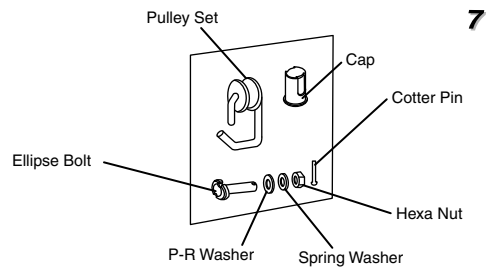
M56RG



N56RG



Parts	Pcs
1. Motor Assembly	1
2. Blade Assembly Set	3
3. Pipe (9 or 12 or 16 or 18 or 22 inch)	1
4. Lower Canopy	1
5. Upper Canopy	1
6. Speed Regulator	1
7. Part Set	1



## NOTE

The installation method for both models is the same.

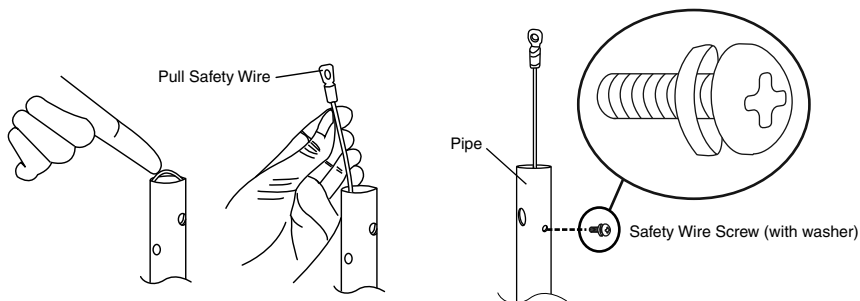
## NOTE

Do not place the Ceiling Fan directly on the floor.  
Can cause scratches to the product.

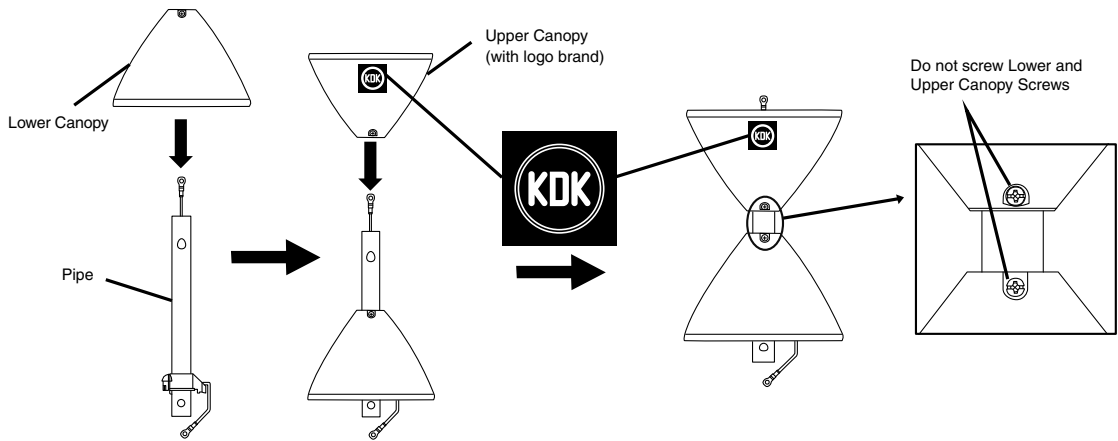
# How To Assemble

## A) Insert the Canopy

- 1 Pull out the Safety Wire from Pipe as shown. Remove Safety Wire Screw from Pipe. Keep these screws for Page 9 Step D2.



**2** Insert Lower Canopy to the Pipe. Then insert Upper Canopy (with logo brand) to the Pipe.



**Check Point After Installation**

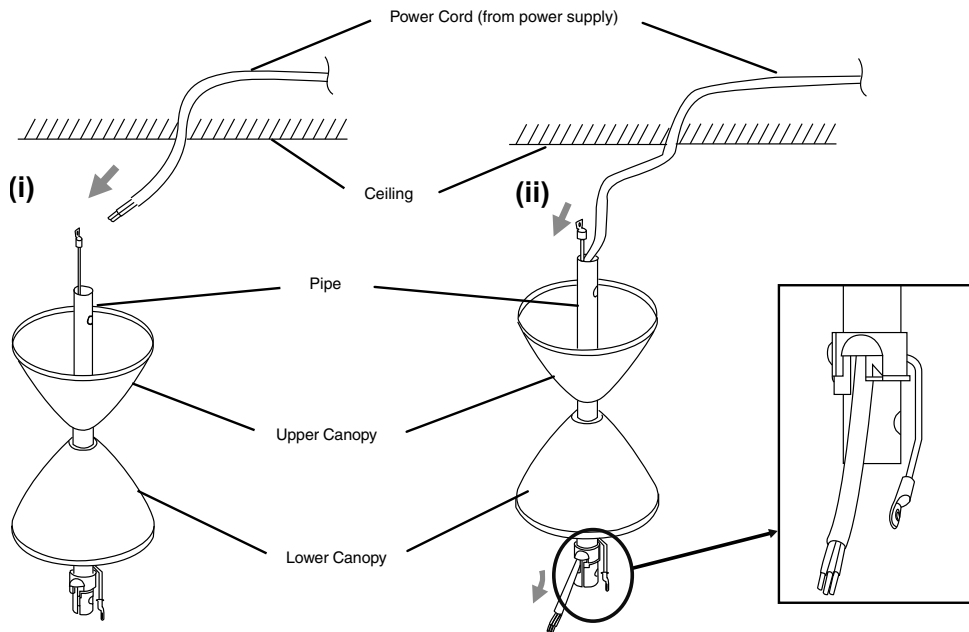
1. Insert the Lower and Upper Canopy to Pipe and the screw is not tightened.
2. Upper Canopy (with logo brand) is on top of Lower Canopy (no logo brand).

Check

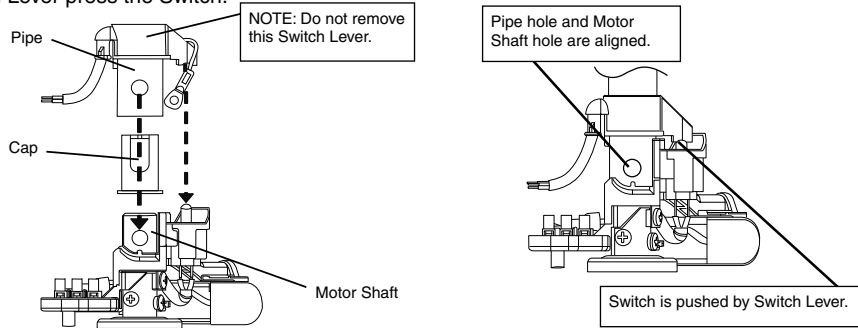
<input type="checkbox"/>
<input type="checkbox"/>

**B) Assemble Pipe To Motor Assembly**

**1** Pull the power cord (from power supply) and insert into the Pipe hole as shown.



- 2** First, insert the Cap to the Motor Shaft. Then, fix the Pipe to Motor Shaft as shown. Ensure the Switch Lever press the Switch.



**CAUTION**

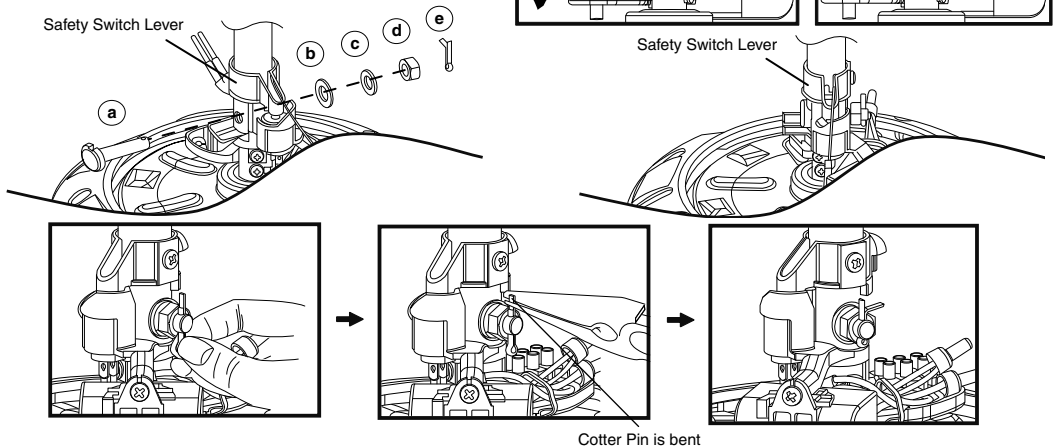
**!** Do not remove the Switch Lever at Pipe. Insert Pipe correctly to Motor Shaft. Can cause product not operate if Switch has not been pressed down.

**⊘** Do not press Switch with other object, except using the Switch Lever given. Can cause fire, explosion, short circuit and electrical shock.

**WARNING**

**⊘** Do not bypass and short circuit the Safety Switch. **Can cause fire, electrical shock, Ceiling Fan drops and injuries.**

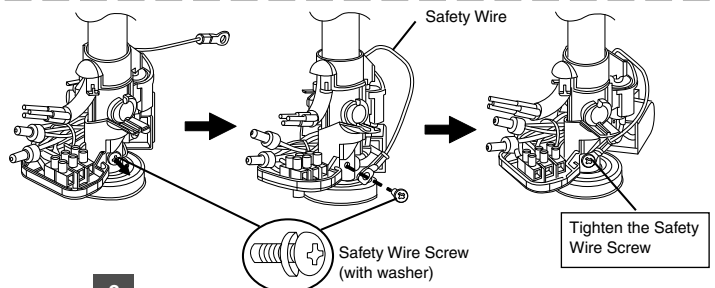
- 3** Fix the Pipe and Motor Assembly with a) Ellipse Bolt, b) P-R Washer, c) Spring Washer, d) Hexa Nut and e) Cotter Pin. (All taken from Part Set) The Slit position of the Bolt should be top and bottom. Bend the Cotter Pin at last as shown.



**WARNING**

**!** Ensure Pipe has been fully tightened to Motor Shaft. (Bolt tightening torque is 800~1200N•cm). And, Cotter Pin must be fixed into Bolt hole and bent. Can cause injury if Ceiling Fan drops.

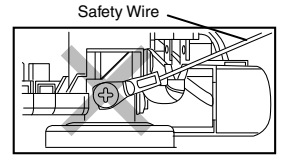
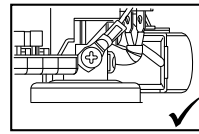
- 4** Remove Safety Wire Screw at shaft. Fix the Safety Wire firmly to the shaft with Safety Wire Screw.



**WARNING**



Safety Wire must be fixed correctly and connected at all time.  
Can cause injury if Ceiling Fan drops.  
Ensure the Safety Wire does not touch the Motor surface.



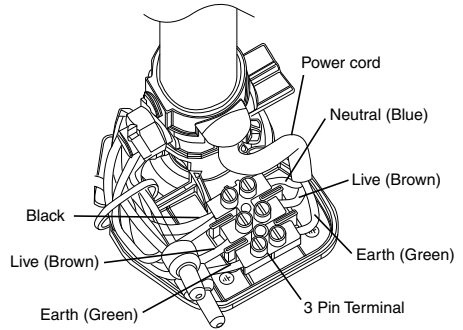
Wrong position

**5** Connect the Power Cord to the 3 Pin Terminal.

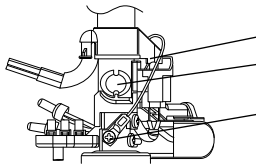
**WARNING**



Make sure all the Terminals are connected correctly by competent personnel to avoid electrical hazards.  
Can cause fire, electrical shock, Ceiling Fan drops and injuries.



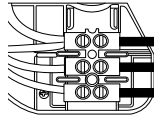
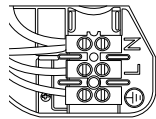
**Check Point After Installation**



1. Switch Lever press the Switch.
2. The Ellipse Bolt, P-R Washer, Spring Washer and Hexa Nut are firmly tightened and the Cotter Pin is inserted and bent for safety reason.
3. Safety Wire Screw is firmly tightened.
4. All wires are connected correctly by competent personnel.

Check

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

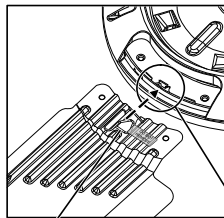


- Neutral (Blue)
- Live (Brown)
- Earth (Green/Yellow)

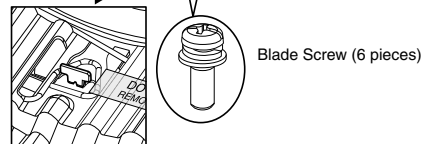
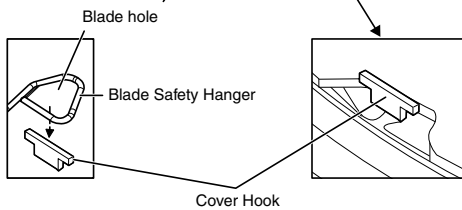
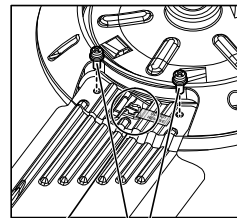
**C) Assemble Blade Assembly Set To Motor Assembly**

- 1** Remove Blade Screw (6 pieces, silver colour) from Motor Assembly.  
Step 1 : Assemble Blade towards to the Cover Hook as shown in figure step 1.  
Step 2 : Tighten the Blades firmly with Screws (Silver colour). Each Blade use 2 pieces of Screws.  
(Tightening torque for reference : 250-300 N•cm)

Step 1



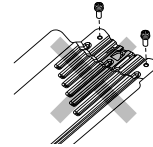
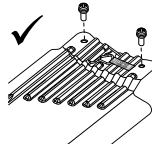
Step 2



**CAUTION**



Blade must be fixed correctly.  
Can cause no air flow.  
Can cause injury if blades drop.



Tighten the Blade Screws firmly using a screwdriver.  
Can cause injury if Blade drops.



Do not remove Blade Safety Hanger from Blade.  
Can cause injury if Blade drops.

**Check Point After Installation**

1. The Blade Screws (6 pieces) for securing the Blade Assembly are tightly screwed.
2. Blade Safety Hanger must fix at the position on Blade.

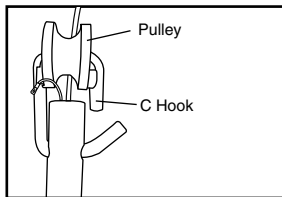
Check

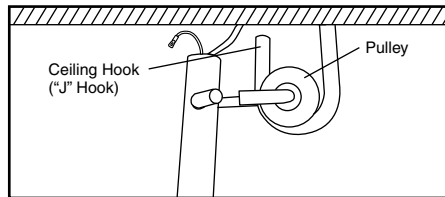


**D) Installation to Ceiling**

- 1 Install to Ceiling.

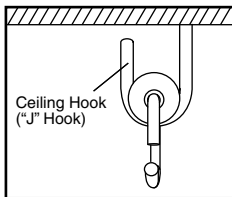


1st step  
Take out Pulley Set from Parts Set, after that cross it to Pipe.

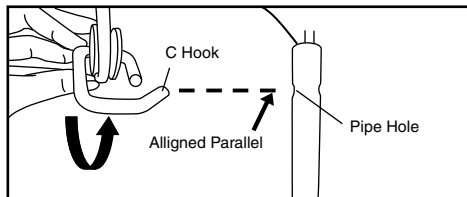


2nd step  
Place Pulley onto Ceiling Hook.

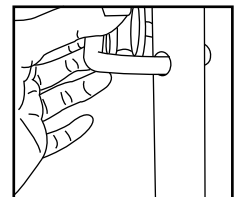
**ALTERNATIVE METHOD**



1st step  
Place the Pulley Set to the Ceiling Hook as shown in the picture.



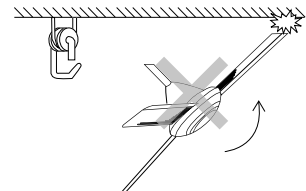
2nd step  
Incline Pulley Set and install Ceiling Fan. Make sure the Fan maintain straight to avoid the Blade from touching the ceiling during installation.



**WARNING**



Ensure Ceiling Hook can afford more than 10 times the Ceiling Fan weight.  
Can cause injury if Blades drops.



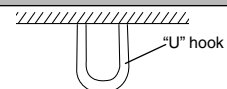
**CAUTION**



Ensure Ceiling Fan is not tilted so that the Blade does not touch the ceiling during installation.  
Can cause unstable air flow and effect the Ceiling Fan to wobble.

**ATTENTION**


In case "U" hook is being used, installation method is the same.


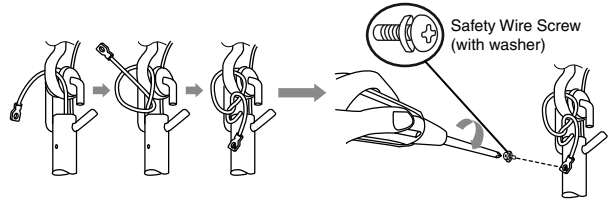




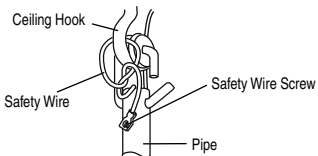
- 2** Loop the Safety Wire to the Ceiling Hook and screw it to the Pipe using Safety Wire Screw. Use the screw which was removed from Page 4, Step A1.

**CAUTION**

 Safety Wire must fix correctly. Can cause injury if Ceiling Fan drops.


**Check Point After Installation**

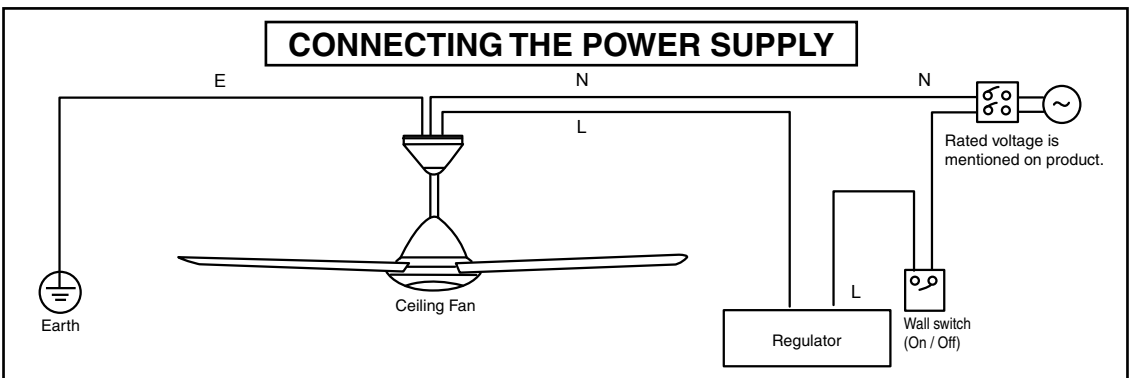
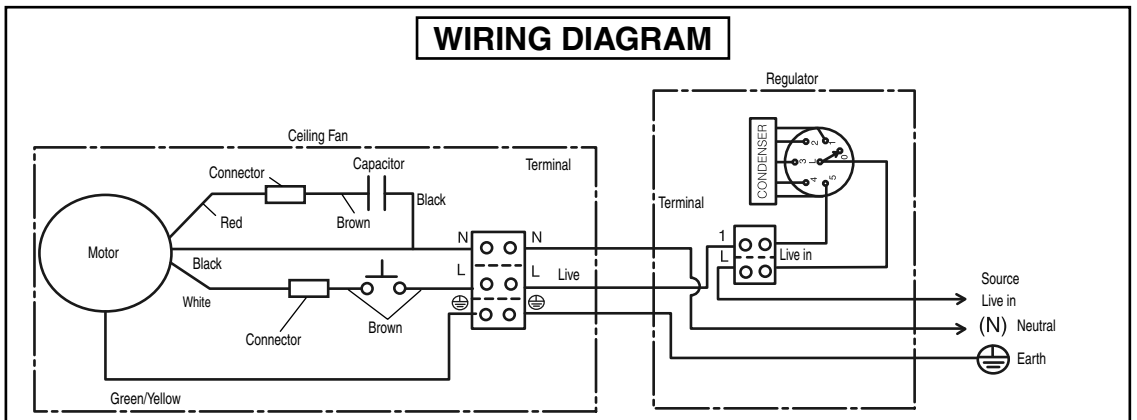
	1. The Ceiling Fan is securely fixed onto the Ceiling Hook.	<input type="checkbox"/>
	2. The Safety Wire is looped to the Ceiling Hook and securely screwed to the Pipe.	<input type="checkbox"/>

## E) Wiring Instruction


- 1** Connect power supply according to the Wiring Instruction below.

**WARNING**

 Electrical wiring must be done by competent personnel. Can cause fire, electrical shock, Ceiling Fan drops and injuries.

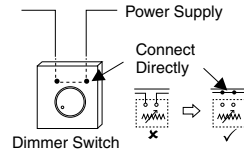


**CAUTION**

 This product is not provided with cord and plug or with other means for connection from the supply. When connect or change the power cord or lead wire, it must be performed by qualified personnel in order to avoid a hazard. Please use 227IEC53(RVV) or thickness of tube is 1mm or above. (Other requirements such as diameter of lead wire, please use according to the regulation of the country). This product should be installed with a double poles single throw switch (Breaker Switch) with minimum 3mm contact gap in the fixed installation circuit.

## ! CAUTION

Should there be a dimmer switch, disconnect it and reconnect the wiring as shown.



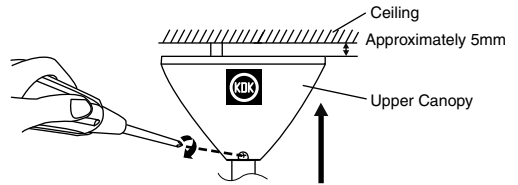
### Check Point After Installation

1. The wiring is connected properly to the power supply.

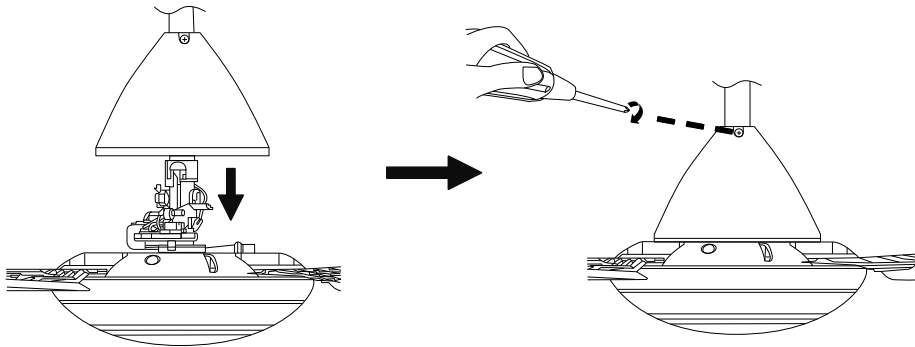
Check

## F) Fix the Canopy

- 1 Adjust Upper Canopy position and fix Upper Canopy to Pipe firmly by screwing them as shown. The distance of Upper Canopy and Ceiling is approximately 5mm.



- 2 Pull down Lower Canopy until it stop and fix to Pipe firmly by screwing them as shown.



### Check Point After Installation

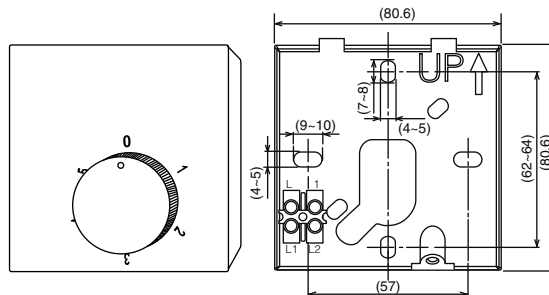
1. The Upper Canopy is securely fixed.
2. The Lower Canopy is securely fixed.

Check



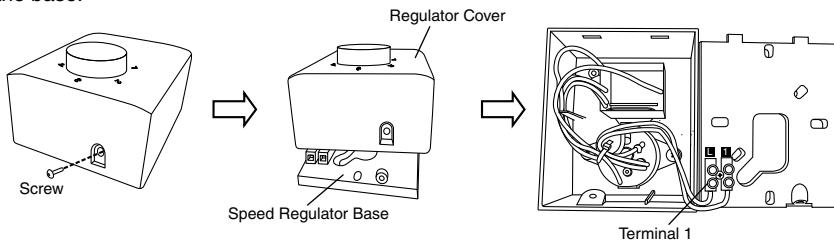
## G) Installation of Speed Regulator

- 1 The dimension for the Speed Regulator is shown in the Diagram.

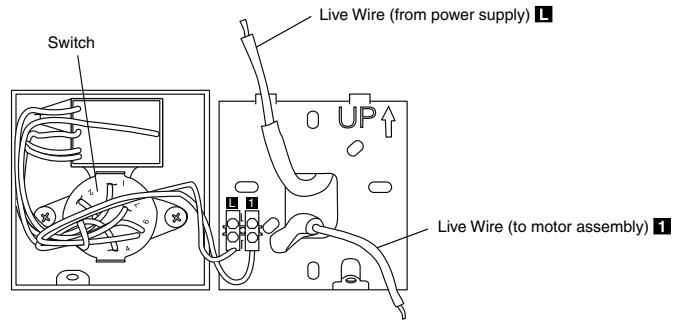


200V Class Regulator

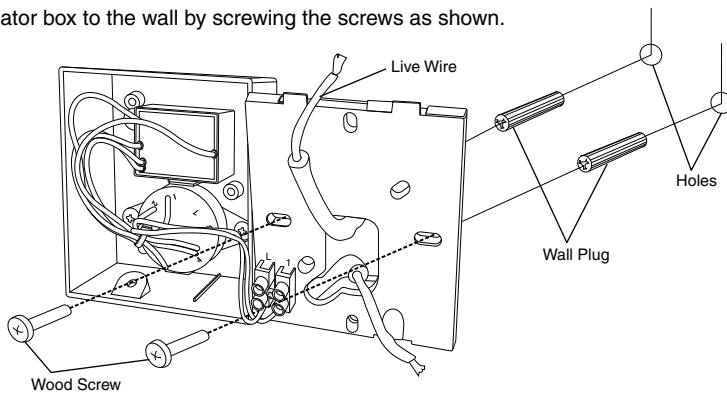
- 2** Loosen the screw from the Speed Regulator Cover. Open the Speed Regulator by lifting up the Speed Regulator Cover from the base.



- 3** Insert the live wire from the wall through the hole of the Speed Regulator Base as shown.



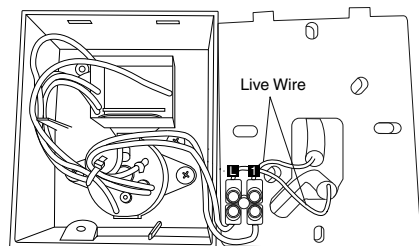
- 4** Fix the Speed Regulator box to the wall by screwing the screws as shown.



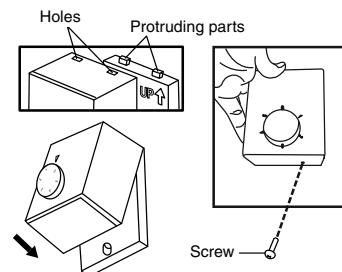
### ATTENTION

Wood Screw and Wall Plug is not supplied.

- 5** Connect the Live Wire with the Terminal as shown.




- 6** To close the Speed Regulator, insert the two holes on top of the Speed Regulator to the two protruding parts at the base. Finally, screw them together.

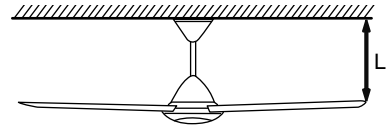


## H) Final Confirmation

- 1 Measure the distance using a measuring tape.  
Please adjust all the Blades to get the equal distance from ceiling to the Blade Tip, L (within 1 mm tolerance).

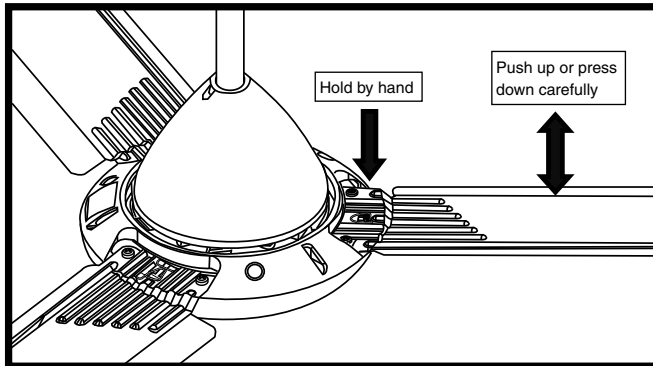
**CAUTION**

 After installation make sure the Ceiling Fan does not wobble extremely.  
Can cause injury if Ceiling Fan drops.



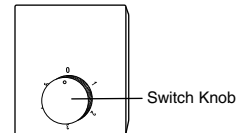
### Pitching Method

Hold the Motor Assembly by hand and adjust the Blade carefully until the height (L) differences is  $\pm 1$  mm.



## How To Use

- 1 To turn on the fan, simply turn the Switch Knob to any position (1, 2, 3, 4, or 5). To turn off the fan, turn the Switch Knob to the (0) position.



## Maintenance

1. Check the Ceiling Fan condition annually. If a problem occurs, stop using the Ceiling Fan. Then refer to service, sales or maintenance shop.  
Check points : Loosened Screws, Safety Wire condition, Motor Shaft damage, etc.
2. Keep the Ceiling Fan clean. Wipe away dirt with a clean soft cloth, ordinary soap and water. Wipe it again to dry it. Do not use solvents (Gasoline or petroleum).  
\* Please do not bend the Blade while cleaning.
3. Do not paint the Blades. If damage, order new set of Blades (3 pieces) from service shop or sales shop.
4. When referring to service, sales or maintenance shop, show this instruction to them and maintain correctly.
5. If the product is broken or damage, please remove the Ceiling Fan from ceiling and replace with a new Ceiling Fan. This is to avoid the Ceiling Fan drops.
6. Recommendation for the Ceiling Fan suspension system shall be examined at least once every two years.

## Product Specification

Model	Type	Voltage	Frequency	Wattage (W)		Rotation (RPM)		Air Velocity (m/min)	Air Delivery (m <sup>3</sup> /min)
		VAC	Hz	Low	High	Low	High		
M56RG/ N56RG	TB	220	50	14	70	103	268	165	220
		230		15	75	109	275	170	225