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VENTILATION FAN USER MANUAL

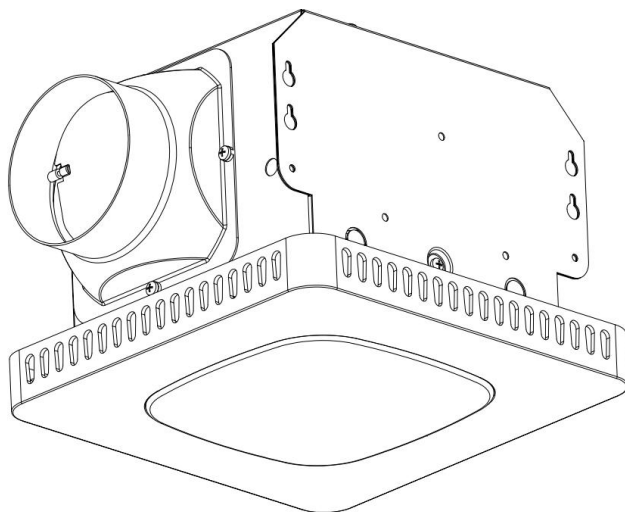
We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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VENTILATION FAN



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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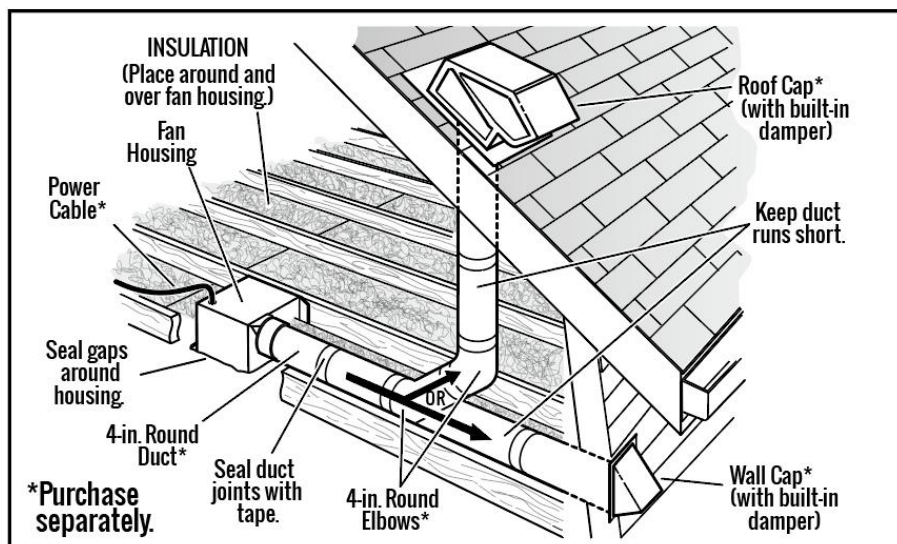
This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

READ & SAVE THESE INSTRUCTIONS

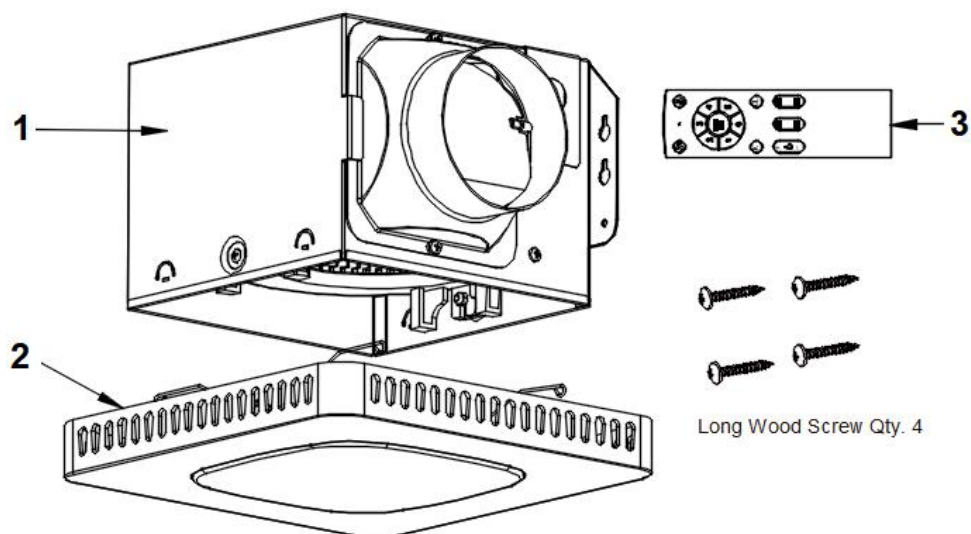
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TYPICAL INSTALLATION



PACKAGE CONTENTS



Model NO: BT-BPT190BL & BT-BPT280AS

NO	PARTS	Quantity
1	Fan Housing	1
2	Grille & Light	1
3	Remote Control	1

SAFETY INFORMATION



Please read and understand this entire manual before attempting to assemble, operate or install the product.

WARNING:

- To Reduce The Risk Of Fire Or Electric Shock. Do Not Use This Fan With Any Solid-State Speed Control Device. Include instructions pertaining to a risk of fire, electric shock, or injury to persons, for cleaning and user-maintenance, such as lubrication.
- DO NOT operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/ or repair.
- DO NOT run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings.
- DO NOT route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over. Disconnect the appliance from the power supply before servicing.
- Regular Check: Have your wall fan checked regularly for any sign of malfunction! Stop using, Check if Plug, cord or appliance is damaged. Excessive noise, unpleasant odor or abnormal heat.
- This appliance is not intended for use by people (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Close supervision is necessary when any appliance is used by or near children. Children should be supervised to ensure that they do not play with the appliance. Cleaning and user maintenance shall not be done by children unless they are older than and supervised.
- Use the appliance only for intended household purposes as described in this User Manual. Any other use is not recommended that may cause fire electric shock, or injury to people.
- The duct fan shall not be intended to be mounted in a duct to move

heated air

Other safety rules

1. Always disconnect the power supply prior to servicing the fan, motor or junction box.
2. Installation work must be out by a qualified person(s) in accordance to all local and safety codes including the rules for fire-rated construction.
3. Follow all local building, safety and electrical codes, as well as NEC(National Electrical Code) and OSHA(Occupational Safety and Health Act).
4. Electric service supply must be 120 volts, 60 hertz.
5. This unit must be properly grounded.
6. Do not bend or kink the power wires.
7. Exercise care to not damage existing wiring when cutting or drilling into walls or ceilings.
8. Sufficient air supply is required for proper combustion and the exhaustion of gases through the chimney(flue) of fuel burning equipment to prevent back-drafting. See the standards of NFPA(National Fire Protection Association) and ASHRAE(American Society for Heating Refrigeration and Air Conditioning Engineers) and the local building code authorities.
9. Do not use this fan with any solid state control device, such as a remote control, dimmer switch or certain timers. Mechanical timers are not solid state devices.
10. This ventilation fan is approved for use over a bathtub or shower when installed in a GFCI protected circuit. Do not use fans over a bathtub or shower that are not approved for that application and marked accordingly.
11. Do not install in a cooking area.
12. Do not use to exhaust hazardous or explosive vapors.
13. Fans should always be vented to the exterior and in compliance with local codes.
14. Do not install in a ceiling with insulation greater than R50.
15. Duct work should be installed in a straight line with minimal bends.

16. Duct work size must be the same size as the discharge and should not be reduced. Reducing the duct size may increase fan noise.
17. Prior to servicing or cleaning this unit, shut off power supply at the panel and lock to prevent the power from being turned on. If the panel cannot be locked, clearly mark the panel with a warning tag to prevent the power from being turned on.
18. Use this unit in the manner intended by the manufacturer. If you have any questions, please call customer service.

READ AND SAVE THESE INSTRUCTIONS

PREPARATION

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and hardware contents. If any part is missing or damaged, do not attempt to assemble the product.

Estimated Assembly Time: 30 minutes

Tools Required for Assembly(not included) : Hammer, Flathead Screwdriver, Wood Screws, Duct Tape Philips Screwdriver, Utility Knife
Helpful Tools (not included) Electric Drill, Drill Bits.

WARNING: Turn off electricity at breaker box before beginning installation.

Carefully remove unit from carton.

Check area above installation location to be sure that wiring can run to the planned location and that duct work can be run and the area is sufficient for proper ventilation.

Inspect duct work and wiring before proceeding with installation.

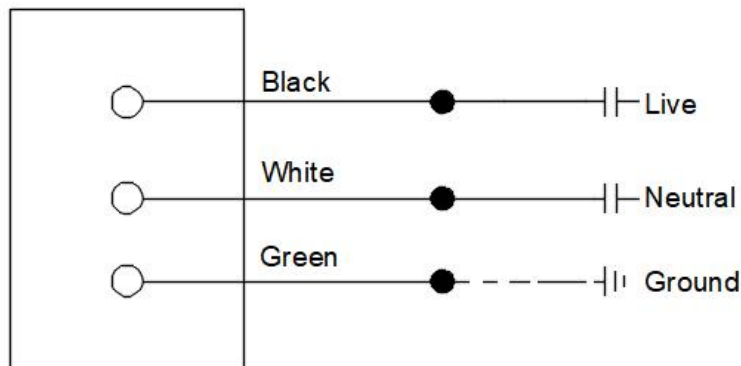
Before installation, provide inspection and future maintenance access at a location that will not interfere with installation work.

You may need the help of a second person to install this fan: one person on the attic side and one on the room side.

Note: Installations may vary depending on how the previous bath fan was installed. Supplies necessary for the installation of your bath fan are not all included; however, most are available at your local home improvement or hardware store.

WIRING DIAGRAM

Ventilation Fan



WARNING: COPPER TO COPPER ONLY. Do not use aluminum wire.

CAUTION: Accessory part (quick connector) should meet installation instructions below.

NOTE: The connector is reusable on solid wires of the same wire gage or smaller. Do not reuse the connector on stranded wires.

1. Strip wires 3/8 in. - 1/2 in.
2. Grip the wire firmly and push the stripped end of the wire into the open port of the connector. Use only one connector per port.
3. Verify the stripped end of the wires is fully inserted to the back of the connector.(See the Fig.1.)

NOTE: Important wire information. Maximum temperature rating 221°F(105°C). 600 volts maximum for building wire and 1,000 volts maximum for building wire and 1,000 volts maximum in signs and lighting fixtures.

The acceptable wire range includes: Solid: 12-18 AWG.

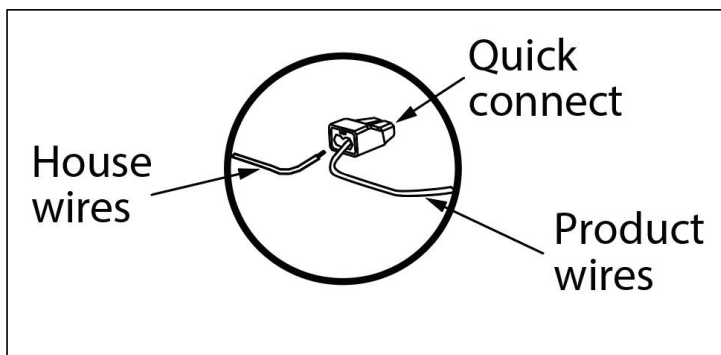
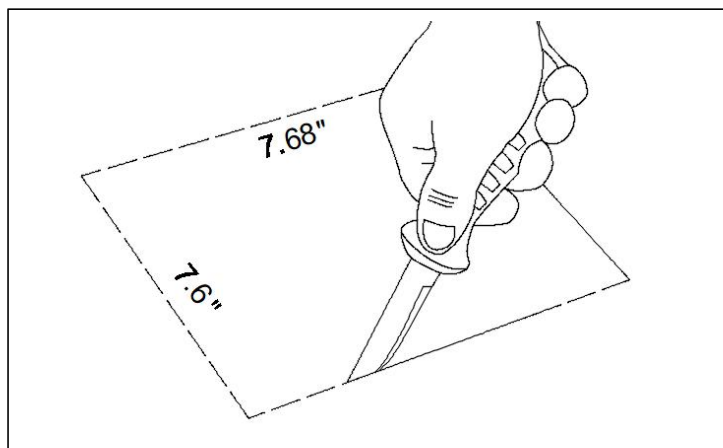


Fig.1.

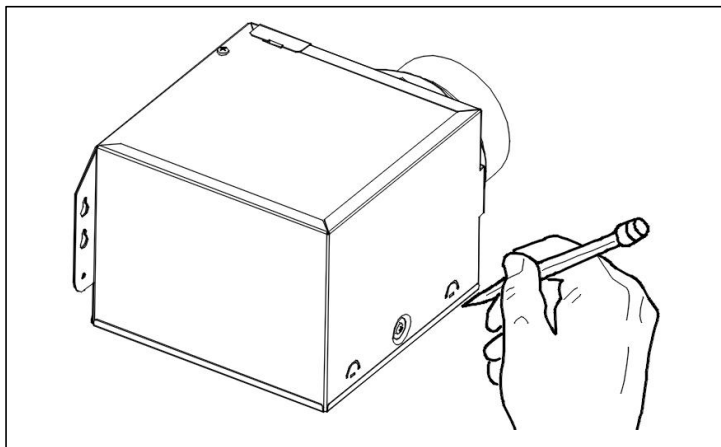
INSTALLATION INSTRUCTIONS

Review all safety precautions. Make sure electricity at the breaker box is turned off before beginning installation.

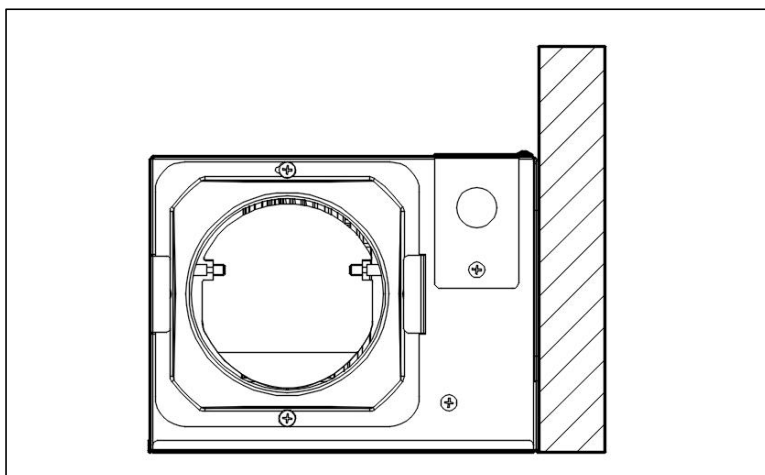
1. Choose the location for your fan in the ceiling. For best possible performance, use the shortest possible duct run and a minimum number of elbows. Then, Cut an opening that measures 7.68 in. x 7.6 in.



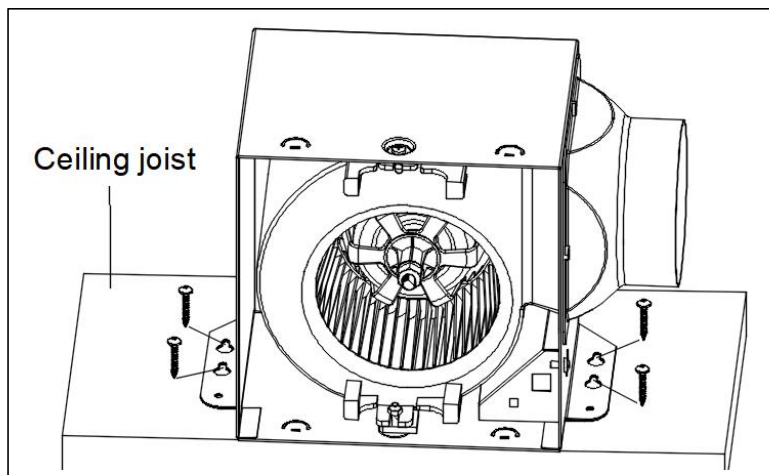
NOTE: You can also use a pen to mark the fan housing and cut holes according to the marked size.



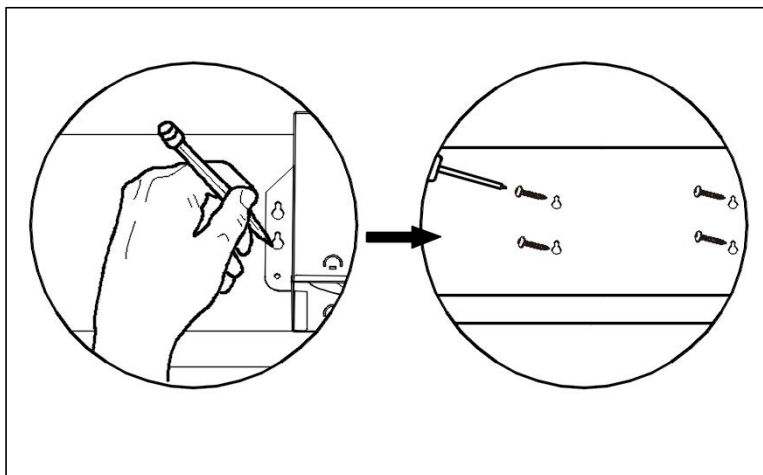
2. Place the fan housing next to a ceiling joist or wall stud. The fan housing should be level and perpendicular to the ceiling joist or wall stud.



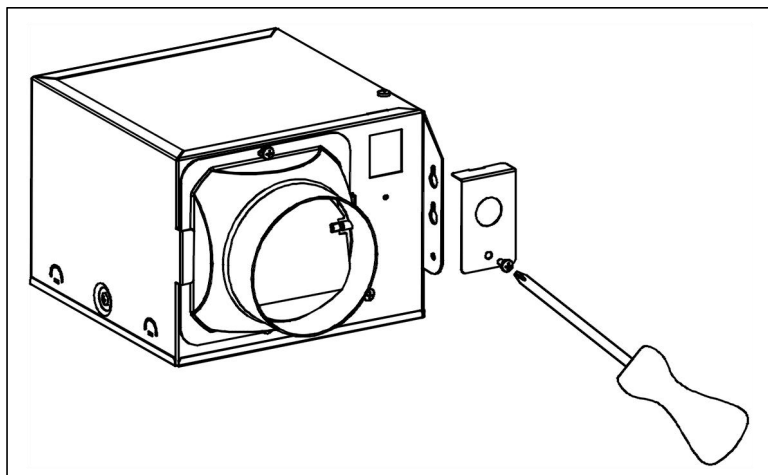
3. Mount the fan housing to the ceiling joist or wall stud using the wood screws (included) where indicated.



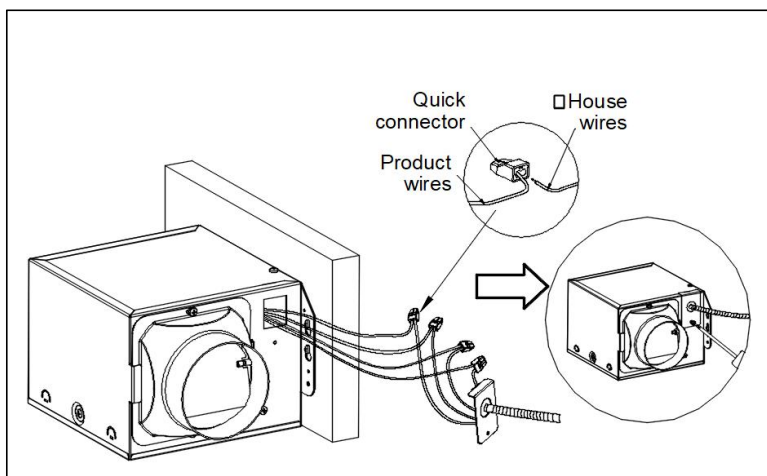
NOTE: You can use a pen mark the keyhole slot on both mounting brackets. Screw in the wood screws using the marked positions. Reserve a 3-5mm length for the screw head. Then hang the fan onto the mounting plate and tighten the screws.



4. Remove wiring box cover from fan housing with Phillips screwdriver (not included).



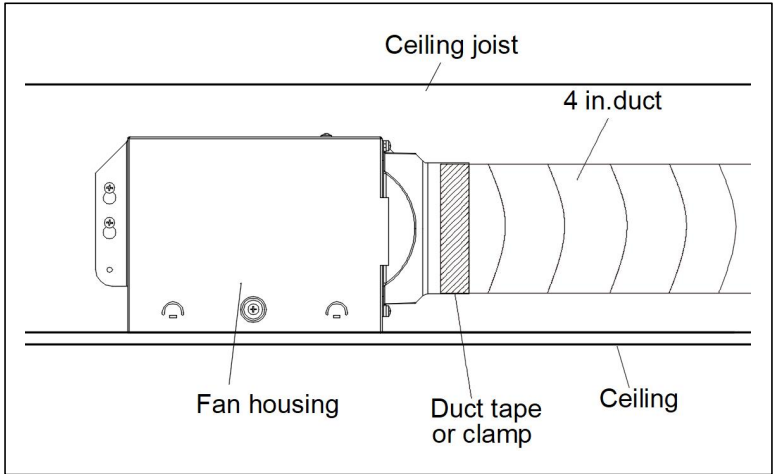
5. Use a quick connector to secure the 120 VAC house wiring from the wall switch to the fan. 14 AWG is the minimum wire used for branch circuit wiring. Carefully push the connected wires back into the wiring box housing. Reattach the wiring box cover.



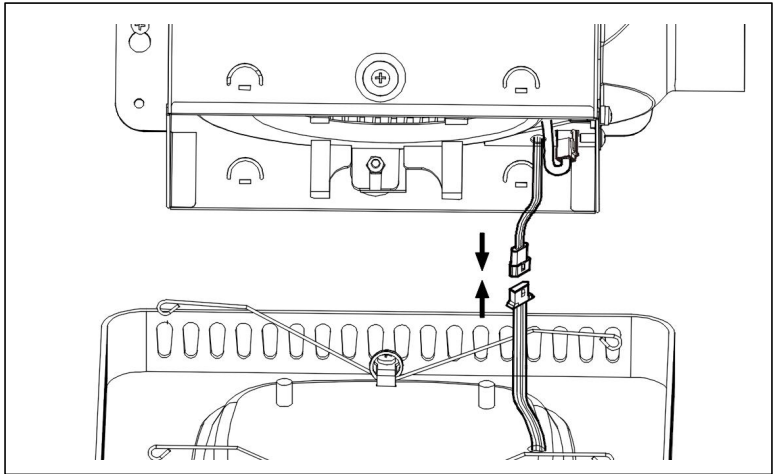
CAUTION:

If the electrical wires do not match the colors listed, you must determine what each house wire represents before connecting. You may need to consult an electrical contractor to determine safely.

6. Install a circular 4 in. duct (not included) and secure it with duct tape or clamps (neither included). Finish ceiling work. Ceiling hole should be aligned with edge of fan housing.

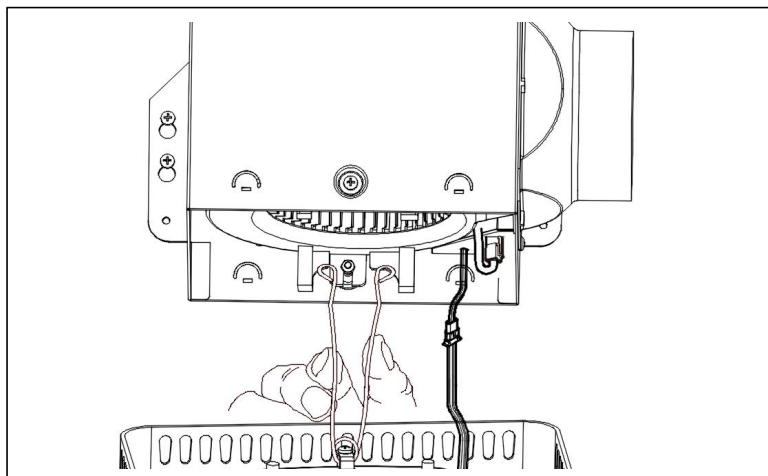


7. Carefully connect the light wires.

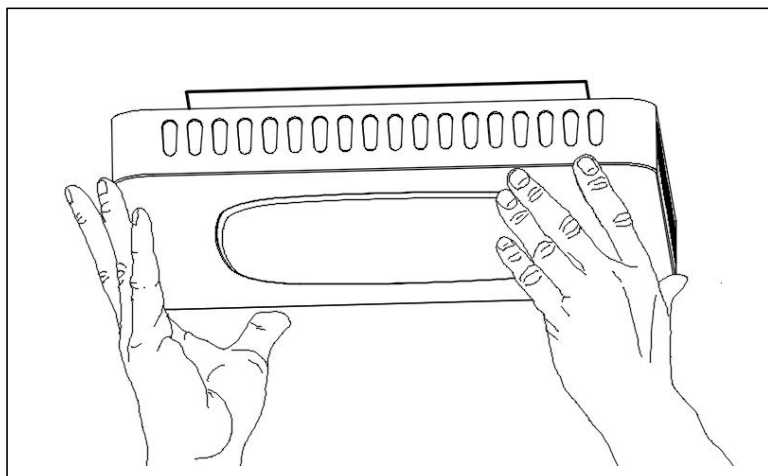


NOTE: The Model NO: BT-BPT280AS also has a colored light power cable, please be careful to connect it at the same time.

8. Pinch mounting springs on grille and insert into narrow rectangular slots inside the fan housing. Push grille up toward ceiling.

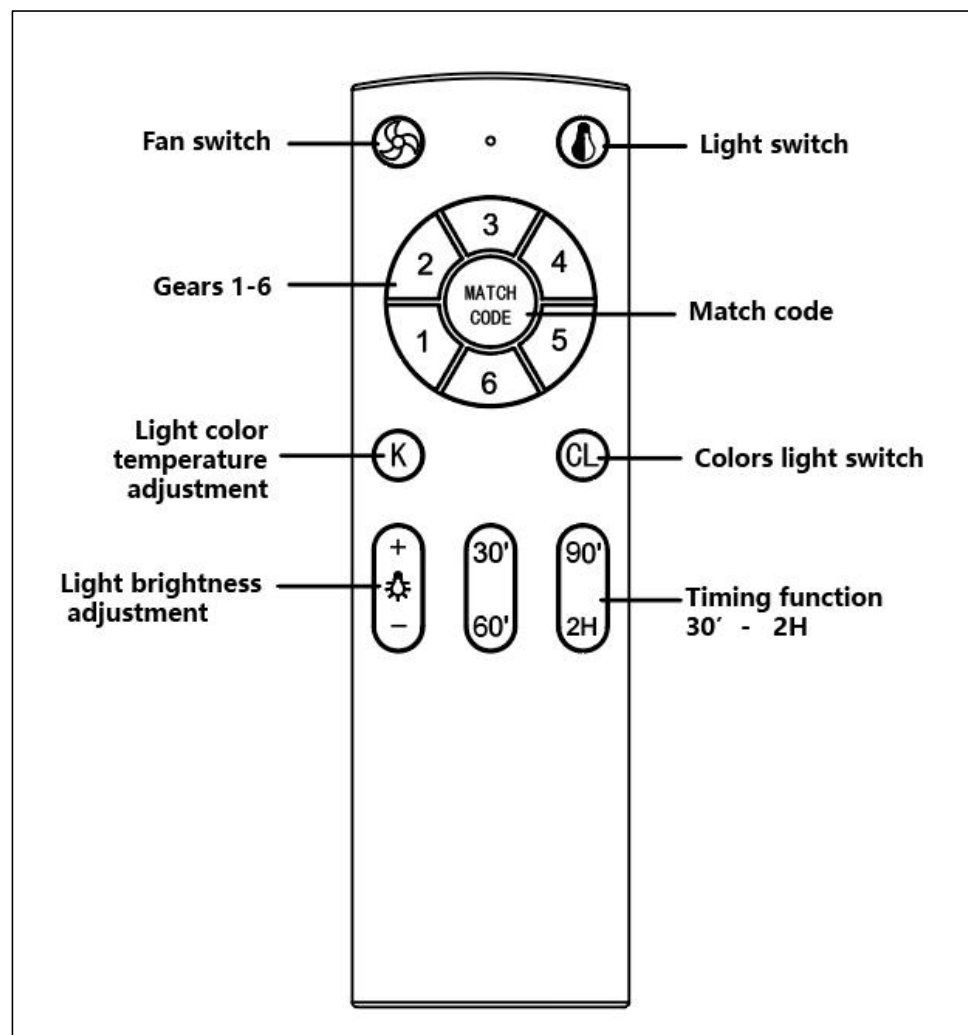


9. Push grille against ceiling. Complete installation.



REMOTE CONTROL INSTRUCTIONS

1. Match code: Holding the **Match code** button within 5 seconds after one sound of power on, until you hear Didi twice successfully matched the code.



2. Light switch:

When the wall control switch is turned on, the default light is on, and the light is on: neutral light;

3. Light color temperature adjustment :

When the light is Turn on, use the "Light color temperature adjustment" button to adjust the color temperature;

3.1. Use the "+" button on the "Light color temperature Adjustment" button to increase the color temperature;

3.2. Use the "-" button on the "Light color temperature Adjustment" button to reduce the color temperature;

4. Light brightness adjustment: Turn on the light and use the "Brightness adjustment" button to adjust the brightness when the light is on;

4.1. Use the "+" button on the "Brightness adjustment" button to increase brightness;

4.2. Use the "-" button on the "Brightness adjustment" button to reduce brightness;

5. Timing function:

5.1. Timing: 30 minutes, 60 minutes, 90 minutes, 2 hours.

6. Fan Switch:

If the fan is running, you can directly select gears 1-6. If the fan is in a shutdown state, press the " Fan switch " button and the fan will start running. You can choose your gears according to your needs;

7. Colors Light Switch:

Model NO: BT-BPT280AS with color lighting function; The colored light function is disabled by default. Press the " Colors light switch " button to turn on the colored light, and continuously press the " Colors light switch " button to have 7 colors that can be cycled.

NOTE: Model NO: BT-BPT280BL does not have color lighting function, pressing the " Colors light switch " button will not have any function.

CARE AND MAINTENANCE

WARNING: Disconnect power supply before servicing. See SAFETY INFORMATION before proceeding. Routine maintenance should be done at least once a year.

- Wash grille with mild soap and water, dry with a cloth.
- Remove excess dirt and dust from the fan housing with a vacuum cleaner.
- Do not use solvents, thinner or harsh chemicals for cleaning the fan.
- Do not allow water to enter the motor.
- Do not immerse resin parts in water over 60° C.

TROUBLESHOOTING

Q: Excessive noise

A: 1. It is normal that there is noise during operation. If too loud, please set the fan to lower speed.

2. Check if the blade is installed properly.

Q: Fan does not operate

A: 1. Make sure the fan is connected to a powered electrical outlet.

2. Clean the blade regularly.

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