



HIGH VELOCITY INDUSTRIAL CEILING FAN



Assembly Instruction Video

Please scan the QR code to access our assembly video on YouTube.
Thank you



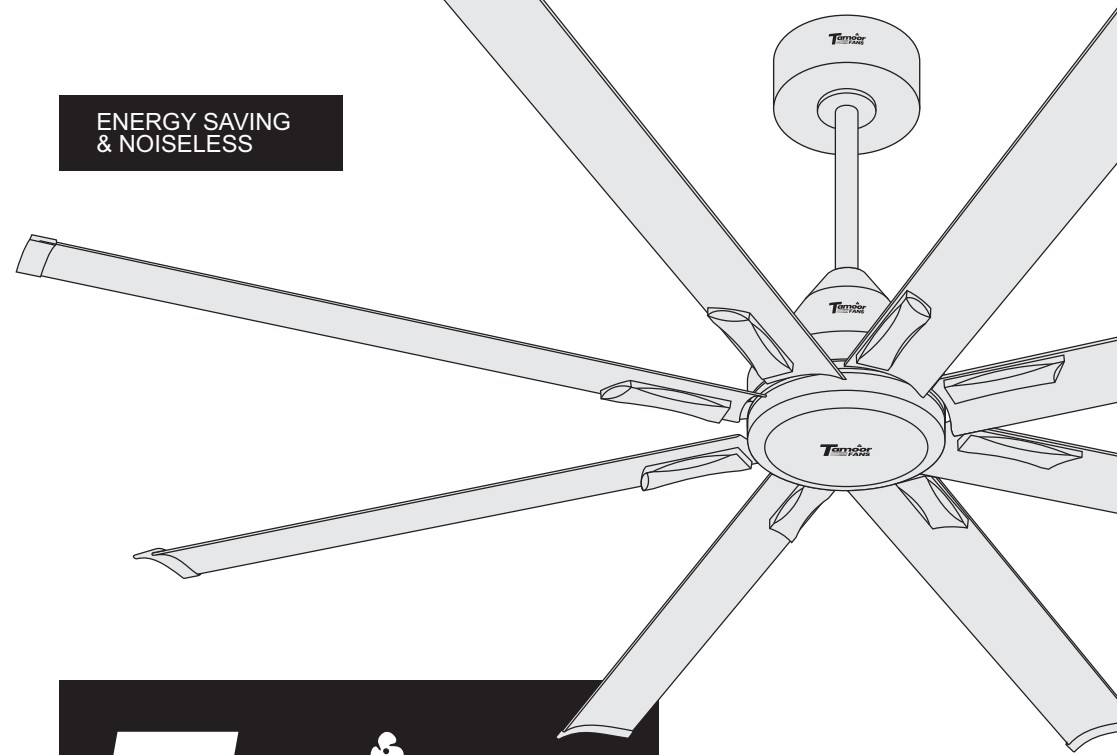
RTM
120950

MADE IN PAKISTAN

Tamoor Fan Company

32-B Industries Estate G.T.Road Gujrat, Punjab, Pakistan
www.tamoorfans.com | UAN: (+92) 31-111-07868

ENERGY SAVING
& NOISELESS



**Tamoor®
FANS**

INDOOR/COVERED OUTDOOR
**HIGH VELOCITY
INDUSTRIAL
CEILING FAN**

Magnetron
model

Installation Manual

Read the entire contents of this manual before using this product. Failure to follow the instructions and safety precautions in this manual can result in severe injury or death. Make sure all other operators also read this manual. Keep the manual near the product for future reference. By proceeding with setup and operation, you agree that you fully understand the contents of this manual and assume full responsibility for product use.

HIGH VELOCITY INDUSTRIAL CEILING FAN

Manual. Tamoor Industrial Ceiling Fan Series, *Installation and Operation Manual*.

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Trademarks. Tamoor Fans, All other company, product, and service names are used for identification only. All trademarks and registered trademarks mentioned in this manual are the property of their respective owners.

Limitations. Every effort has been made to ensure complete and accurate instructions are included in this manual. However, product updates, revisions, and/or changes may have occurred since this manual was published. Tamoor Fans reserves the right to change any information in this manual without incurring any obligation for equipment previously or subsequently sold. Tamoor Fans is not responsible for typographical errors in this manual.

Warranty. The Tamoor Fans warranty is more than a commitment to you: it is also a commitment to the value of your new product. Visit [Tamoorfans.com](https://tamoorfans.com) for complete warranty information.

Safety. Your new product was designed and manufactured with safety in mind. Your safety also depends on proper training and thoughtful operation. Do not set up, operate, maintain, or repair your fan without reading and understanding this manual and the labels on the unit.

Owner Responsibility. In order to ensure operator safety and maintain your product properly, it is the responsibility of the product owner to read and follow these instructions:

- Follow all setup, operation, and maintenance instructions.
- Verify product setup and use conforms to all applicable local, state, and federal codes, rules, and regulations.
- Read and follow all safety instructions. Keep them readily available for operators.
- Make sure all operators are properly trained, know how to safely operate the unit, and are properly supervised.
- Do not operate the product until you are certain all components are in place and operating correctly.
- Carefully inspect the product on a regular basis and perform all maintenance as specified.
- Service and maintain the unit only with approved replacement parts.

Danger

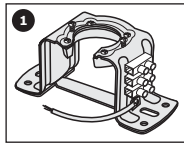
Read the entire contents of this manual before using this product. Failure to follow the instructions and safety precautions in this manual can result in severe injury or death. Make sure all other operators also read this manual. Keep the manual near the product for future reference. By proceeding with setup and operation, you agree that you fully understand the contents of this manual and assume full responsibility for product use.

Safety Information

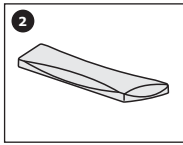
Read this manual carefully before using your new product. Do not set up or operate the product until you are familiar with all operating instructions and warnings. Do not allow anyone else to operate the product until they are also familiar with all operating instructions and warnings.

- The product is an air-moving device. Use it only for its intended purpose.
- The product should only be operated by authorized personnel. Children should not be allowed operate the Magnetron Fan. Make sure all operators read and understand the Warning labels and this *Installation and Operation Manual*. Keep the manual near the Fan at all times.
- Never operate any Magnetron Fan equipment with damaged wiring.
- When the product is in use, keep all body parts away from it. No personnel should be closer than ten-feet (3-meters) from this device while it is operating.
- **Outdoor installation is prohibited.** Only use this product indoors in a well-ventilated area. Ensure a window or door is open to allow adequate air flow.
- **Always** use appropriate tools and lifting equipment.
- *Save these instructions!* Always stay clear of moving parts.
- Do not make any modifications to the product. Modifications void the warranty and increases the chances of severe injury or property damage.
- **Extension cord use is prohibited.**
 - Do not spray any part of the Fan or its controller with water. Moisture can harm the motor and other parts of the electrical system.
 - Only connect the Motor Controller to a GFCI protected circuit.
 - Make a visual inspection of the product before using it. Check for damaged or missing parts. ***Do not use the product if you find problems with the unit.*** Instead, remove it from service, then contact your dealer, call Tamoor Fans at +92 (31-111-07868), or email Tamoor Fans at support@tamoorfans.com.
- **Do not** operate the Magnetron Fan if the Fan has cracked, damaged or worn components.
- **Do not** operate the Magnetron Fan within 35-feet (10.6 m) of an open flame or spark.
- **Do not** operate the Magnetron Fan in an environment with flammable or corrosive gasses.
- **Do not** operate the Magnetron Fan in an environment where powdered metal, oil, water, or other foreign matter can enter the Motor or its Controller.
- **Always** remove and lockout electrical power before performing inspection, maintenance, or repairs on this Fan.
- Tamoor Fan recommends making a thorough inspection of the product at least once a year. Replace any damaged or severely worn parts, decals, or warning labels.
- *Even if the main Fan Motor is stopped and the switch is in the off position, hazardous voltage may be present on the circuit terminals. Only licensed Electricians should be allowed to open and service the Magnetron Fan Control Panel or Fan Motor.*

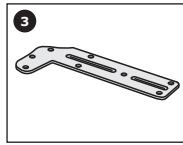
UNBOXING



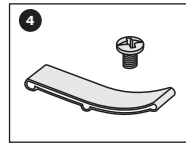
1 Pcs
Ceiling Mounting
Bracket



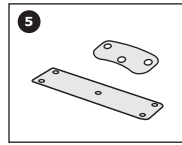
6/8 Pcs
Blade Decorative
Plate



6/8 Pcs
Blade Fixtures



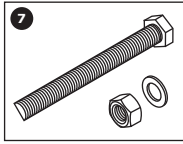
6/8 Pcs
Decorative Blade
Ends with 16 Screw



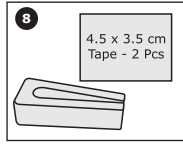
6/8 Pcs
Blade Rubber
Fixtures



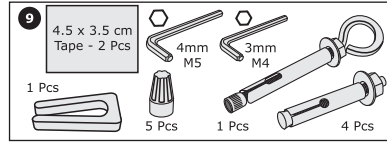
1 Pcs
Safety Wire



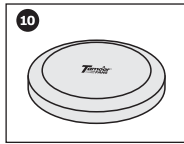
1 Set
4.8" SS Mounting
Bracket Nut/Bolt



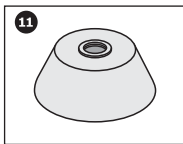
1 Set
Self-Adhesive Weights
Balancer



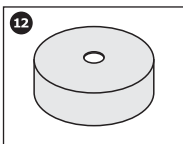
1 Set
Ceiling Mounting Screws



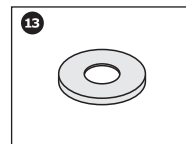
1 Pcs
Front Decor Plate



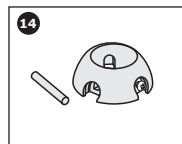
1 Pcs
Rod fixture Cover



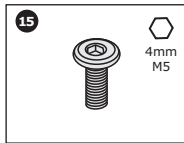
1 Pcs
Rod Canopy



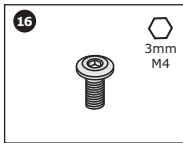
1 Pcs
Canopy Magnet



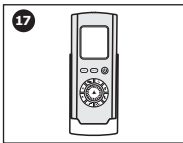
1 Pcs
Rod Holder



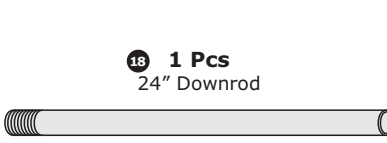
24 Pcs
Blade Locking Screw
M5



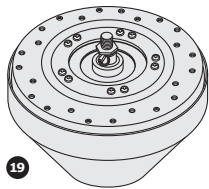
40 Pcs
Blade Locking Screw
M4



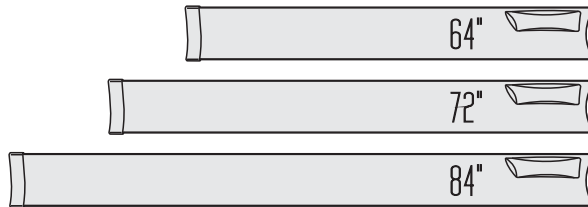
1 Pcs
Remote Control



1 Pcs
24" Downrod



1 Pcs
Motor



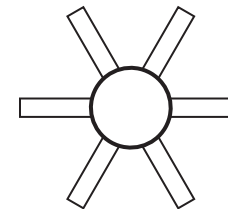
6/8 Pcs
Blades without decorative Plates & Ends

COMPONENTS LIST

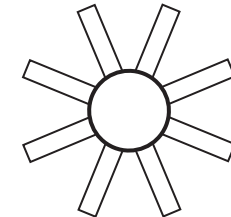
1.Ceiling Mounting Bracket.....	1 Pcs
2.Blade Decorative Plate.....	6/8 Pcs
3.Blade Fixtures.....	6/8 Pcs
4.Decorative Blade Ends with Screws.....	6/8 Pcs
5.Blade Rubber Fixtures.....	6/8 Pcs
6.Safety Wire.....	1 Pcs
7.4.8" SS Mounting Bracket Bolt.....	1 Pcs
8.Self-Adhesive Weight Balancer.....	1 Pcs
9.Ceiling Mounting Screw.....	1 Set
10.Front Decor Plate.....	1 Pcs
11.Rod Fixture Cover.....	1 Pcs
12.Rod Canopy.....	1 Pcs
13.Canopy Magnet.....	1 Pcs
14.Rod Holder.....	1 Pcs
15.Blade Locking Screws (M5).....	1 Pcs
16.Blade Locking Screws (M4).....	1 Pcs
17.Remote Control.....	1 Pcs
18. Rod.....	1 Pcs
19. Motor.....	1 Pcs
20. Blades.....	8 Pcs

IF SEAL IS BROKEN
CHECK CONTENTS
BEFORE ACCEPTING

Available in



6 Blades



8 Blades

Installation

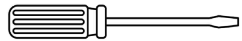
The installation process includes multiple steps. Perform them in the order listed.

TOOLS REQUIRED FOR INSTALLATION

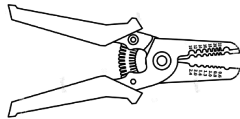
Tools required for Assembly:

Drill or Hammer Drill	Metric Socket and Ratchet Set
Tape measure	Level
Phillips and Flat Head Screwdrivers	Wire Rope Cutters
Metric Open/Closed End Wrench Set	Personnel Lift or equal
Metric Allen Wrench Set	Lifting and rigging equipment
Hammer	Pry Bar

You will need an assistant. This is not a one-man installation!



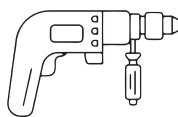
Screw Drivers



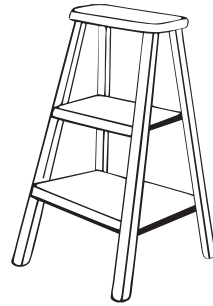
Wire Cutter



Insulation Tape



Drill Machine



Portable Stairs

Keep this manual on or near the equipment so that anyone who uses or services the unit can read it. Assistance with your Tamoor Fans is available from your dealer, by calling Tamoor Fans at +92 (31-111-07868), or emailing support@tamoorfans.com.

You may also contact Tamoor Fans for parts replacement (please have the serial number and model number of your unit available).

Scan this QR Code for up-to-date information and videos on Tamoor Fans.



UNBOX THE MAGNETRON FAN

The Magnetron Fan is carefully packaged to prevent damage. Exercise care in removing the Fan from its packaging.

WARNING Be careful not to injure yourself on the container's sharp edges or fasteners.
WARNING You must wear the proper protective equipment at all times during setup and assembly of this Fan: leather gloves, steel-toed boots, and back belts.
WARNING Only properly trained and equipped personnel should be working with the Fan on elevated work platforms or aerial lifts.

To unbox the Magnetron Fan:

Clear the area directly under the Fan mounting location.
Move the personnel lifting equipment into position.
Move the crates containing the Magnetron Fan near the Fan mounting location. Make sure the containers will not interfere with the Personnel Lift or rigging equipment.
Use a hammer and pry bar to carefully remove the shipping container from around the Magnetron components.
Verify all components are undamaged. Do not install damaged Fan Blades or mating components.

WARNING Damaged components, when rotating under load, can break unpredictably and cause damage to the Fan and personal injury to those nearby.

**For authorized service or warranty claims
contact your dealer or the manufacturer directly.**

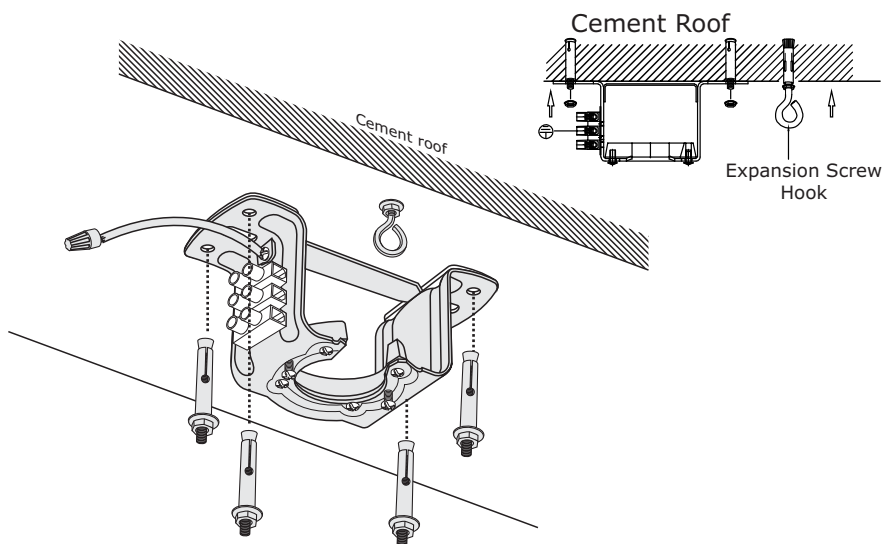
INSTALLATION CHECKLIST

There are eighteen basic steps in the Magnetron Fan setup.

Step 1. Bracket Installation	☐
Step 2: Rubber Gasket Installation	☐
Step 3. Plates Assembly	☐
Step 4: Rubber Gasket Installation	☐
Step 5. Removing the Dome Cover and Circuit	☐
Step 6. Safety Wire Installation	☐
Step 7. Installing the Dome Cover	☐
Step 8: Blade Installation	☐
Step 9: Decorative Blade End Installation	☐
Step 10: Wiring Through the Rod	☐
Step 11: Rod-to-Motor Connection	☐
Step 12: Canopy Magnet and Canopy Installation	☐
Step 13: Rod Holder Installation	☐
Step 14: Mounting the Fan	☐
Step 15: Safety Bolt Installation	☐
Step 16: Circuit Connection Diagram	☐
Step 17: Final Canopy & Magnet Installation	☐
Step 18: Adjust step for fan swing or blade shaking balance stickers:	☐
Operational Test for function.	
Leave the Manual with the Fan Owner/Operator.	

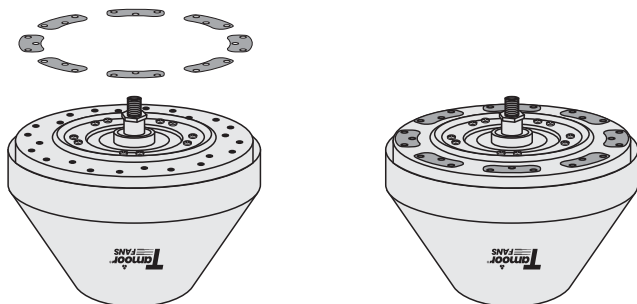
Step 1. Bracket Installation

- Secure the mounting bracket to the ceiling/roof using the provided ravel bolts.
- Install the anti-fall protection hook into the ceiling and attach the safety wire to ensure additional protection.



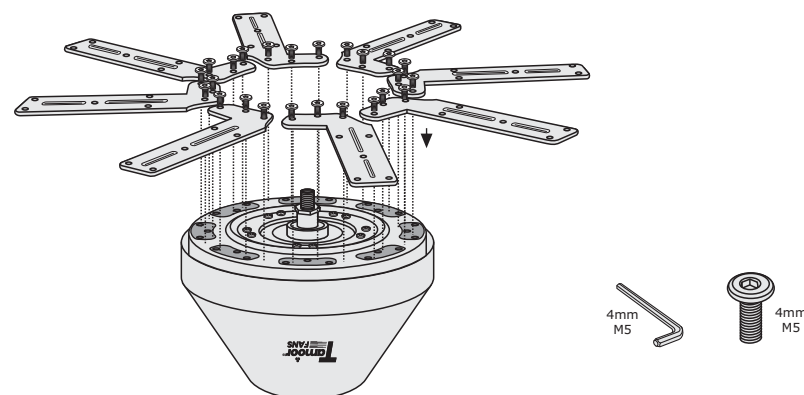
Step 2. Rubber Gasket Installation

- Align the Rubber blade gaskets with holes on each sides.
- Ensure that the holes in the front mounting plates line up correctly with the gaskets before fastening.



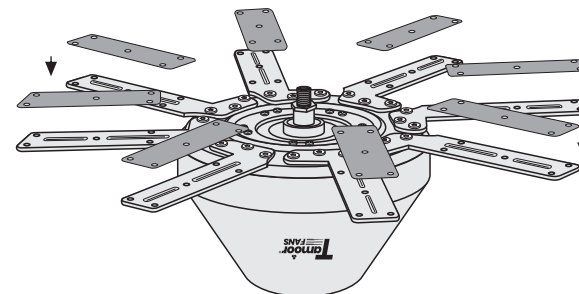
Step 3. Plates Assembly

- Place the motor on a flat, stable surface.
- Using the provided M5 screws and Allen key, fix the blade fixtures onto the motor.
- Align the provided rubber blade gaskets with the fixture holes and place them carefully.



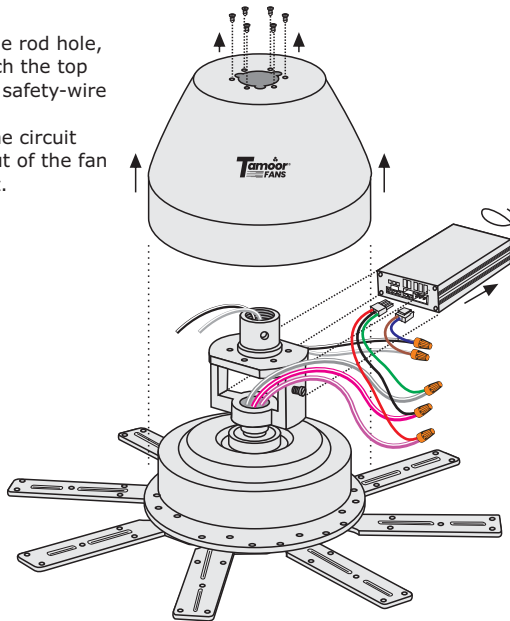
Step 4: Rubber Gasket Installation

- Align the rubber blade gaskets with the holes on each blade mounting bracket.
- Ensure the cut in the blade mounting bracket is positioned on the opposite side before proceeding.



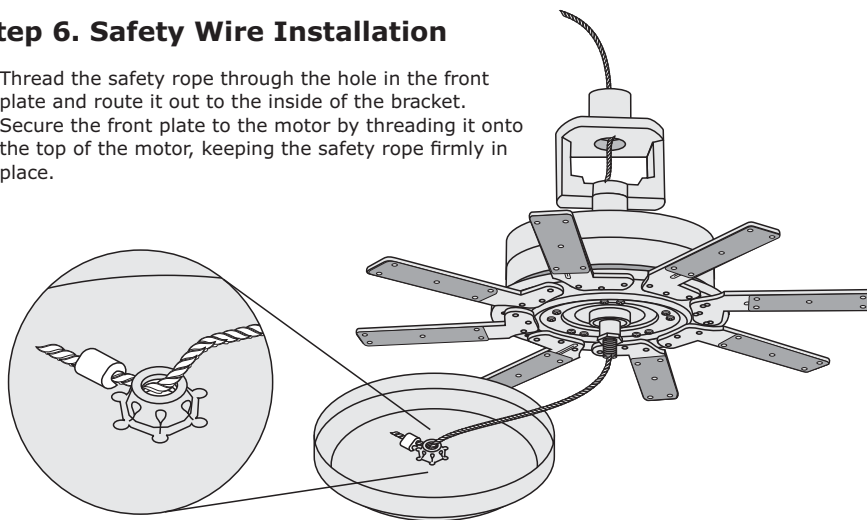
Step 5. Removing the Dome Cover and Circuit

- Remove the safety pin from the rod hole, then loosen all bolts and detach the top dome cover to gain access for safety-wire installation.
- Unplug all connections from the circuit board, then slide the circuit out of the fan mounting bracket to remove it.



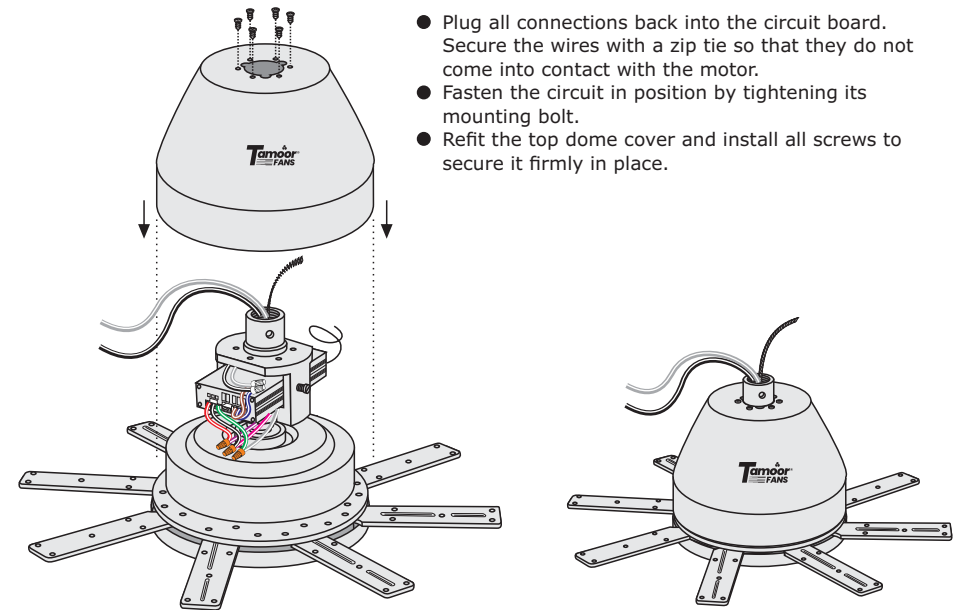
Step 6. Safety Wire Installation

- Thread the safety rope through the hole in the front plate and route it out to the inside of the bracket.
- Secure the front plate to the motor by threading it onto the top of the motor, keeping the safety rope firmly in place.



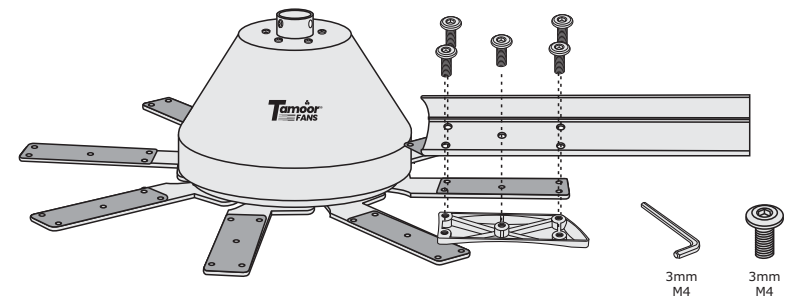
Step 7. Installing the Dome Cover

- Plug all connections back into the circuit board. Secure the wires with a zip tie so that they do not come into contact with the motor.
- Fasten the circuit in position by tightening its mounting bolt.
- Refit the top dome cover and install all screws to secure it firmly in place.



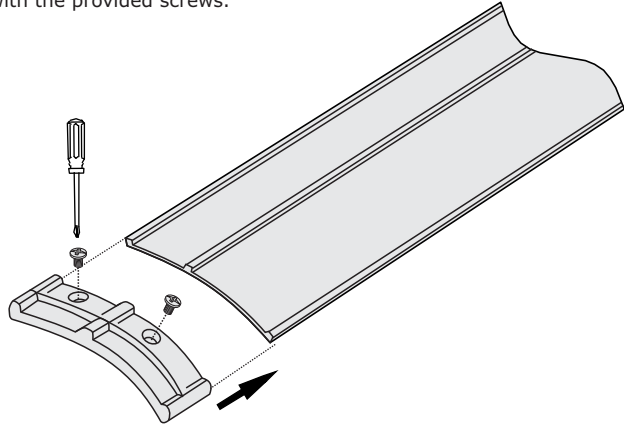
Step 8: Blade Installation

- Position each blade onto the blade mounting bracket.
- Secure the blades with the provided M4 screws, tightening firmly with the allen key.



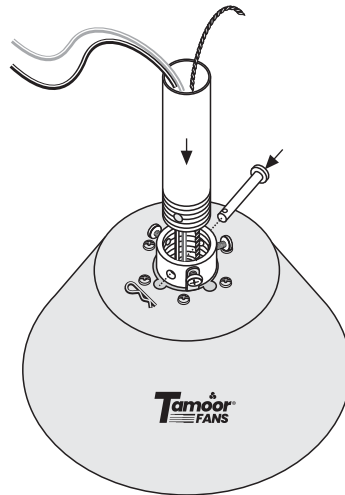
Step 9: Decorative Blade End Installation

- Slide the plastic decorative blade end onto the tip of each blade, ensuring a snug fit.
- Lightly tap into place if necessary.
- Secure with the provided screws.



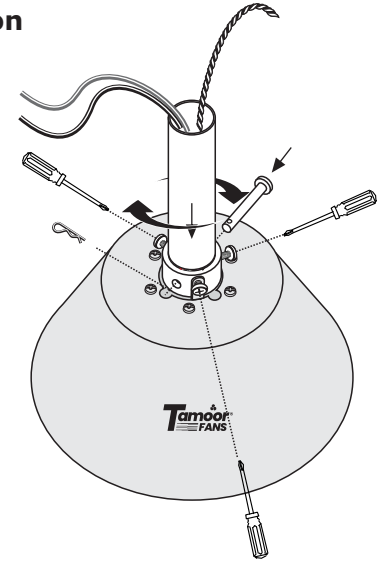
Step 10: Wiring Through the Rod

- Pass the motor wires through the hollow rod and pull them out from the opposite end.



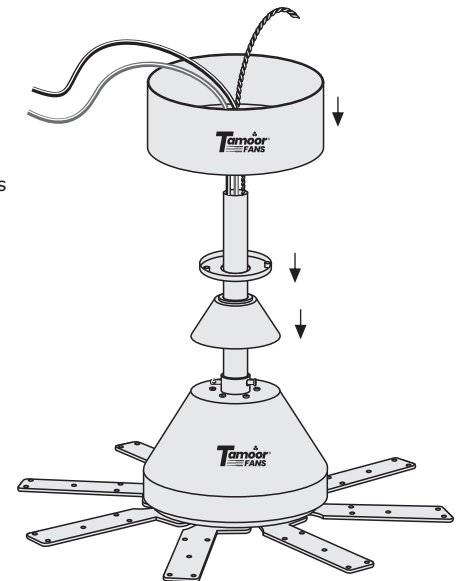
Step 11: Rod-to-Motor Connection

- Remove the cotter pin from the motor's safety pin.
- Loosen the three screws on the motor's rod holder.
- Insert the rod into the holder, ensuring proper alignment of the holes.
- Insert the safety pin through the rod and secure with the cotter pin.
- Tighten the three screws to lock the rod firmly in place.

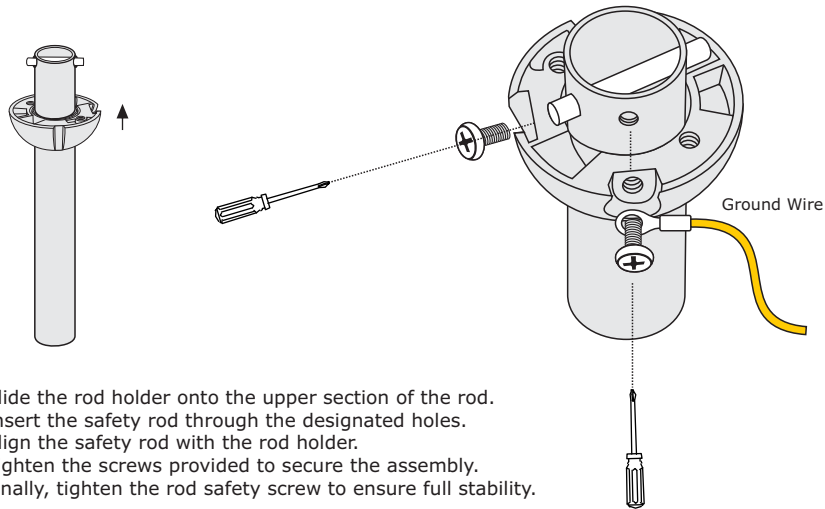


Step 12: Canopy Magnet and Canopy Installation

- Slide the canopy magnet onto the rod.
- Then slide the top canopy along the rod to its designated position.



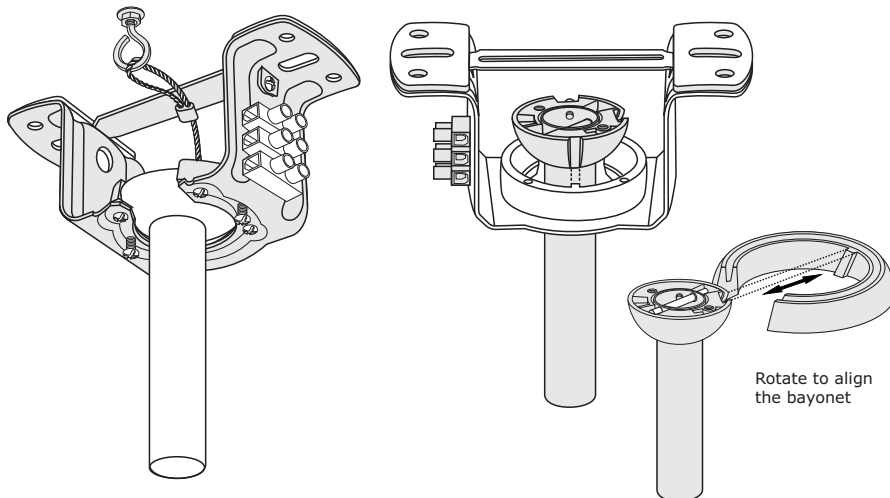
Step 13: Rod Holder Installation



- Slide the rod holder onto the upper section of the rod.
- Insert the safety rod through the designated holes.
- Align the safety rod with the rod holder.
- Tighten the screws provided to secure the assembly.
- Finally, tighten the rod safety screw to ensure full stability.

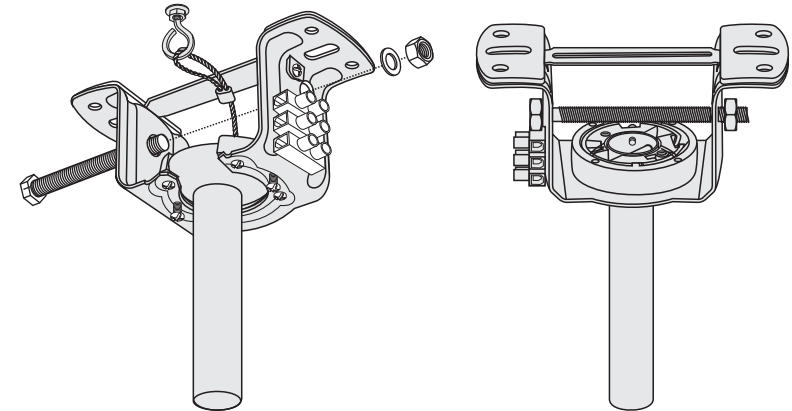
Step 14: Mounting the Fan

- Insert the rod holder into the ceiling bracket.
- Ensure the rod holder locks securely into position.
- Thread the safety wire through the hook and insure the safety wire is properly tightened in its place.



Step 15: Safety Bolt Installation

- Pass the safety bolt through the hanger holder and tighten it with the washers and nuts provided, ensuring the fan is held securely in position.



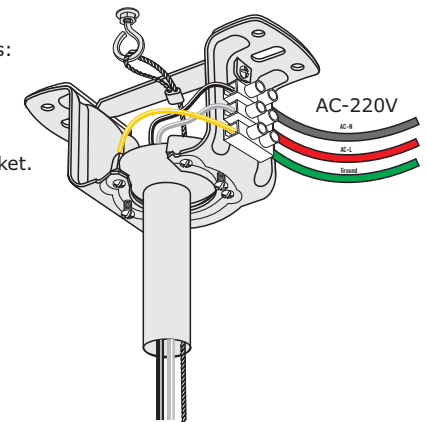
Step 16: Circuit Connection Diagram

- Connect the motor 3-pin UVW connector (Red=U, Black=V, Green=W) to the motor wires:

Red motor wire → Red (U)
 Pink/Purple motor wire → Black (V)
 Grey motor wire → Green (W)
 Insert the connector firmly into the UVW socket.

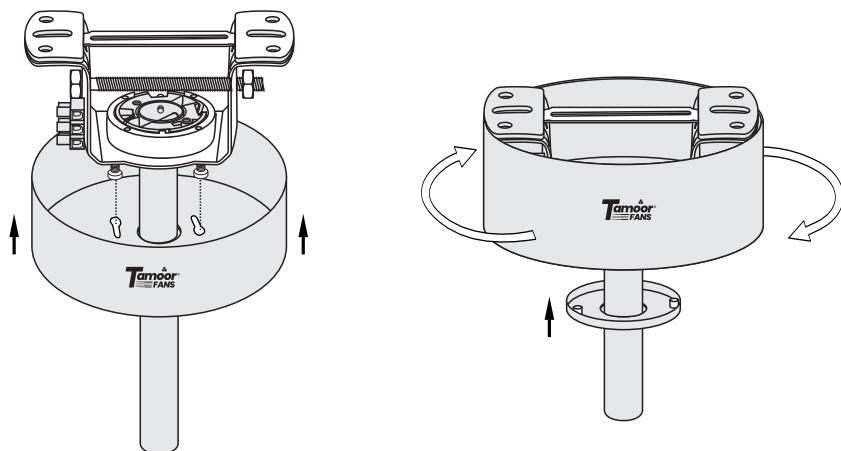
- Connect the AC input wires:
 AC-L → Live (220V)
 AC-N → Neutral (220V)

AC-N
 AC-L
 Ground



Step 17: Final Canopy & Magnet Installation

- Raise the top canopy along the rod and rotate clockwise until it locks into place.
- Secure the magnet lock to prevent canopy movement.



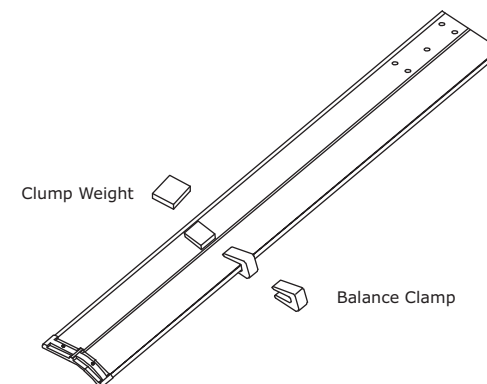
Important:

All electrical connections must be insulated properly.
Double-check that connections are secure to avoid electrical hazards.

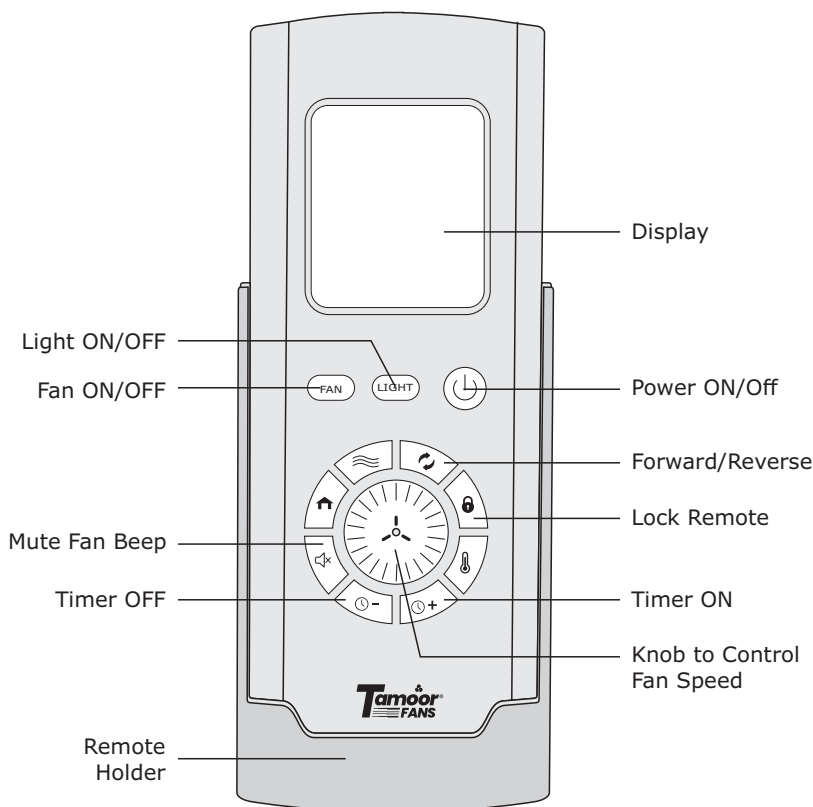
Safety & Maintenance Notes

Ensure all screws and fixtures are tightened securely before powering the fan.
Do not operate the fan without the safety wire installed.
Always disconnect power before performing maintenance.
Use only original parts and accessories for replacements.

Step 18: Adjust Step for Fan Swing or Blade Shaking Balance Stickers (Optional)



1. Adjust the speed of the fan (usually the highest speed) to produce maximum swing, turn off the fan, select one of the fan blades, and clamp the balance clamp on the middle edge of the fan blades;
2. Turn on the fan, compare if there are any changes to the swing, turn off the fan, clip the balance clamp onto another fan blade, and use this method to repeatedly compare all the blades to find the best one for improvement;
3. Clamp the balance clamp onto the blade with the best improvement, and then move the balance clamp for testing to find the position of the balance clamp for the best improvement;
4. Remove the balance clamp and attach the balance block to the blade centerline relative to the balance clamp position.



Remote Control Pairing

1. Switch on the fan power supply.
2. Press and hold the ON/OFF button on the remote for 5–10 seconds until a confirmation beep is heard.
3. The fan is now successfully paired.
4. To operate:
Press the fan button to start/stop operation.
Use the speed dial to adjust airflow.

IMPORTANT SAFETY NOTICE

INDUSTRIAL CEILING FAN — READ BEFORE INSTALLATION

Use Supplied Accessories Only

This fan must be installed using exclusively the hardware, fasteners, and accessories included in the original packaging. Do not substitute any component with third-party, locally sourced, or generic alternatives. Use of non-supplied parts may compromise structural integrity and will void the warranty.

Safety Wire Installation Is Mandatory

The safety wire/cable supplied in this package must be installed without exception. This wire acts as a secondary retention system to prevent the fan from falling in the unlikely event of a bracket or mounting failure. Operation of the fan without the safety wire installed is strictly prohibited and constitutes a serious safety hazard.

Use Manufacturer-supplied Mounting Bracket Only

This fan is engineered and load-rated specifically for the mounting bracket provided by the manufacturer. Installation on any standard, generic, locally fabricated, or otherwise non-approved bracket is strictly prohibited. The Company will not be held liable for any damage, injury, or loss resulting from installation on an unapproved bracket, and such installation will immediately and permanently void the product warranty.

Installation By Qualified Electrician Required

This fan must be installed by a licensed electrician or certified installation professional. The installer is responsible for verifying that the mounting surface, electrical supply, and wiring comply with all applicable local safety codes and standards. Installation by unqualified personnel is unsafe, non-compliant, and will void the warranty entirely.

No Self-repair, Modification, Or Tampering

Do not attempt to repair, disassemble, rewire, or modify any part of this fan, including the motor, blades, wiring, control unit, or mounting hardware. Any unauthorized repair, alteration, or tampering whether by the end user or an uncertified technician will immediately void the warranty. All service and repairs must be carried out exclusively by the manufacturer's authorized service personnel.

Improper Installation Damage Is Not Covered

Any damage, malfunction, or failure arising from improper installation — including but not limited to use of a wrong or non-approved bracket, incorrect wiring, inadequate structural support, or failure to install the safety wire is explicitly excluded from the product warranty. The Company shall bear no financial, legal, or moral responsibility for such damage or any resulting injury or loss.

Non-compliance Releases The Company From All Liability

The Company (manufacturer, its authorized dealers, distributors, and agents) shall not be held liable for any personal injury, death, property damage, or financial loss arising from failure to comply with the installation and operational instructions provided. By proceeding with installation, the installer and end-user confirm that they have read and accepted full responsibility for safe and compliant use of this product from all liability.

Please read the full Warranty & Safety Disclaimer enclosed in this box before proceeding with installation.

For authorized service or warranty claims contact your dealer or the manufacturer directly.