



# Giant Fan.

Installation manual



## Caution.

Please read and follow these instructions before and while installing the equipment. Failure to do so can cause damage to equipment and personnel.

Per international standards, the structure holding the fan should be able to hold more than 4 times the weight of the fan. If you are unsure about the strength of the structure and attachment point, a structural engineer must be consulted.

Model No.	Diameter (mm)	Weight (kg)
14-GIANT42	4200	37
14-GIANT55	5500	104
14-GIANT73	7300	113

The fan shall be installed so that the blades are higher than 2.5 m above the floor and where the blades cannot be reached by any person via stairs or surrounding platforms. Further considerations on placement:

- Minimum distances from the Fan blade to the wall or ventilation outlet must be more than 1 fan diameter.
- Minimum distance from the blade to any obstruction such as light, beams, and post shall be more than 500 mm.

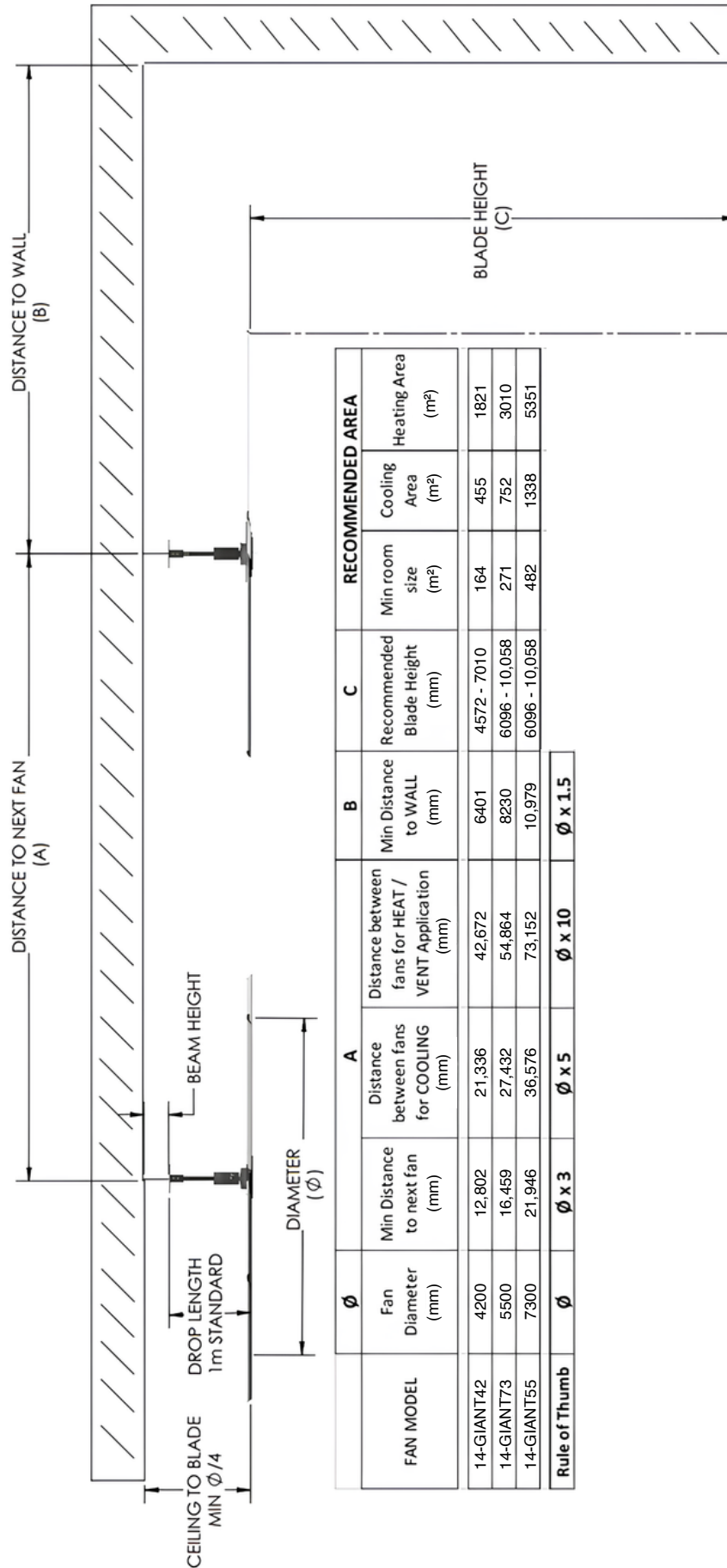
The installation of the suspension system and fan unit must be performed by the manufacturer, its service agents or suitably qualified persons.

Electrical wiring to supply power to the fan should be performed by a certified electrician and follow local and regional laws. The fan needs to be installed with a disconnect switch or a plug to allow disconnection of the fan from the supply power after installation is complete. The means for disconnection must be incorporated in the fixed wiring, following the wiring rules.

## Warning.

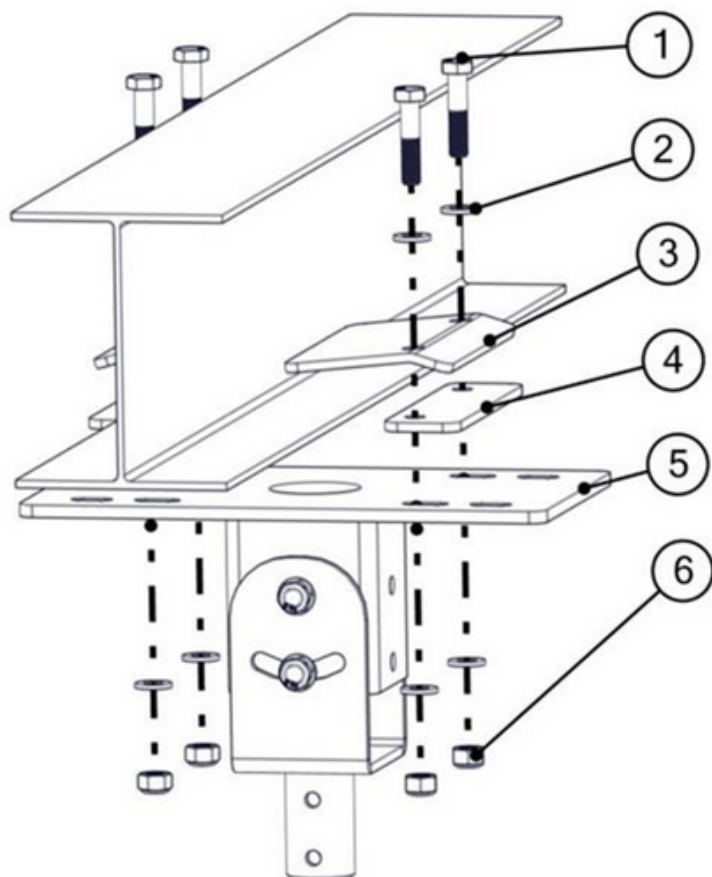
- If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.
- The fan system should be inspected and cleaned every year for the best performance. Inspect that the nuts and bolts are tight and have not moved. Ensure power has been disconnected prior to performing any of these tasks.
- Any service beyond cleaning and inspection shall be performed by the manufacturer, its service agent or suitably qualified persons.
- 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 the 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.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be done by children without supervision.

# Fan Placement.



FAN MODEL	Fan Diameter (mm)	A		B	C	RECOMMENDED AREA				
		Min Distance to next fan (mm)	Distance between fans for COOLING (mm)			Distance between fans for HEAT / VENT Application (mm)	Min room size (m²)	Cooling Area (m²)	Heating Area (m²)	
14-GIANT42	4200	12,802	21,336	42,672	6401	4572 - 7010	164	455	1821	
14-GIANT73	5500	16,459	27,432	54,864	8230	6096 - 10,058	271	752	3010	
14-GIANT55	7300	21,946	36,576	73,152	10,979	6096 - 10,058	482	1338	5351	
<b>Rule of Thumb</b>	<b>φ</b>	<b>φ x 3</b>	<b>φ x 5</b>	<b>φ x 10</b>	<b>φ x 1.5</b>					

# Fixed Mounting.



## Part List:

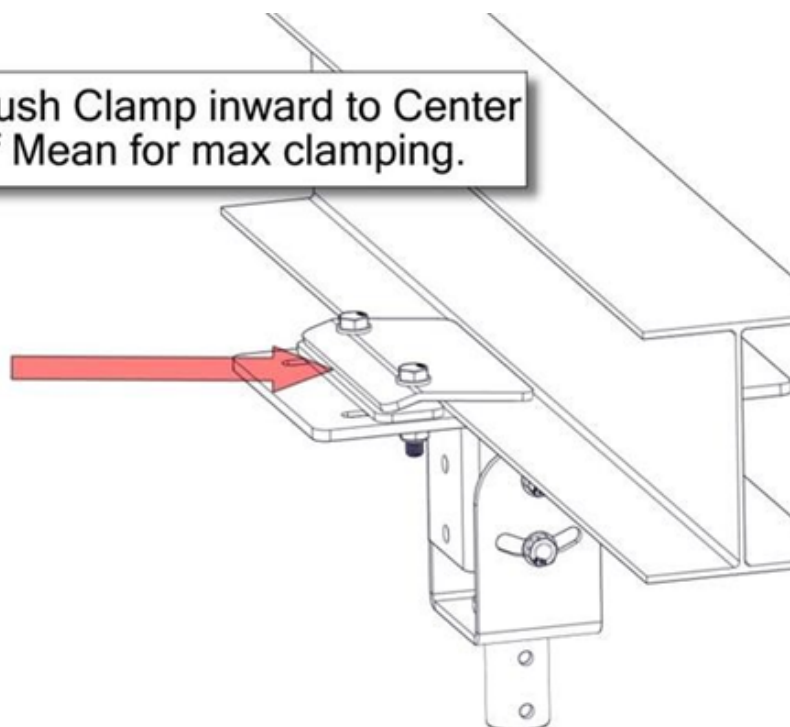
- 1. M12 x 55mm Bolt (4x)
- 2. M12 Washers (8x)
- 3. I-Beam Clamp (2x)
- 4. I-Beam Spacer (2x)
- 5. Mount Assembly (1x)
- 6. M12 Nylon Locknut (4x)

## Tools:

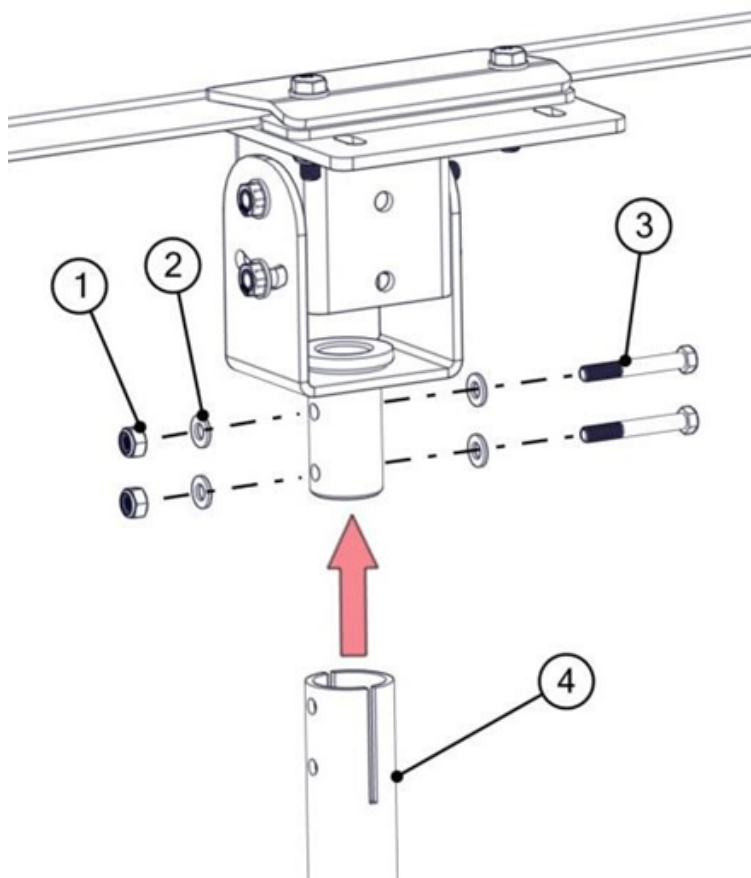
- 19mm Wrench
- 19mm Socket
- Torque Wrench

Torque = 100 NM

Push Clamp inward to Center of Mean for max clamping.



# Fixed Mounting.



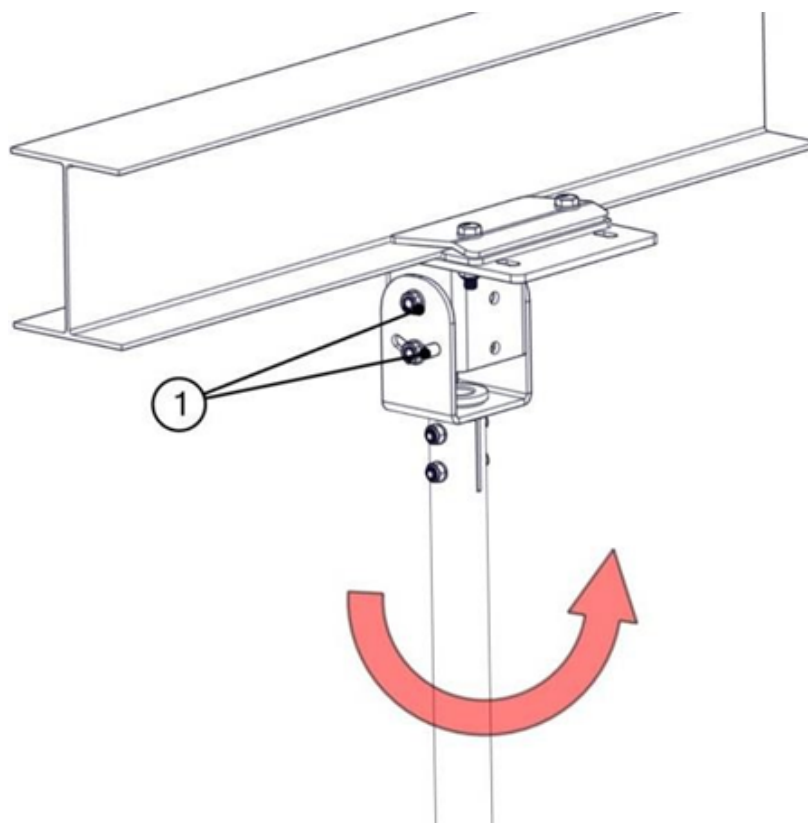
### Part List:

- 1. DIN 985 M10 Nylon Lock Nuts C.10.9 (2x)
- 2. DIN 125 M10 Washer (4x)
- 3. DIN 933 M10X70 C.10.9 (2x)
- 4. Drop Tube (1x)

### Tools:

- 17mm Wrench
- 17mm Socket
- Torque Wrench

Torque = 60 NM



- Use level to make straight.

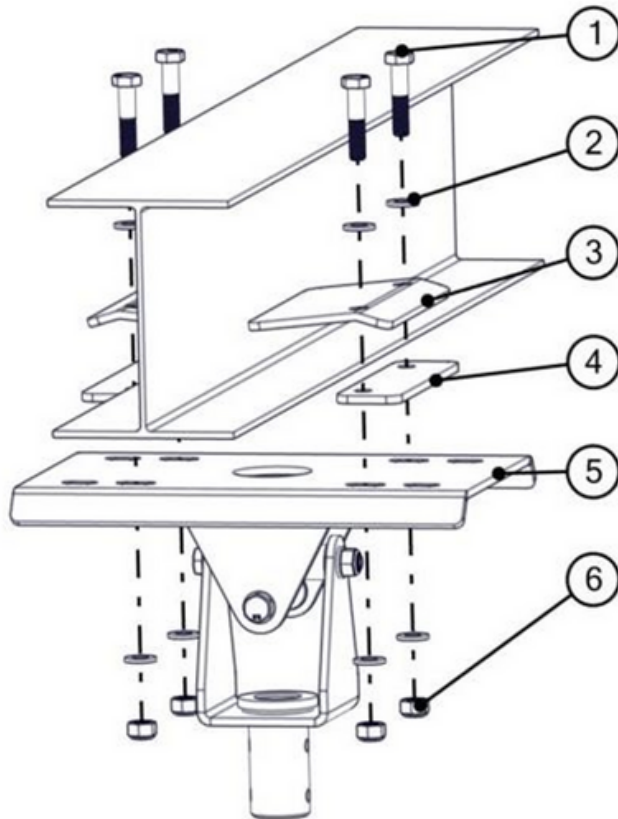
- 1. M12 Lock bolts/Nuts (2x)

### Tools:

- 19mm Wrench
- 19mm Socket with
- Torque Wrench

Torque = 100 NM

# Stabilising Wired Mounting.



## Part List:

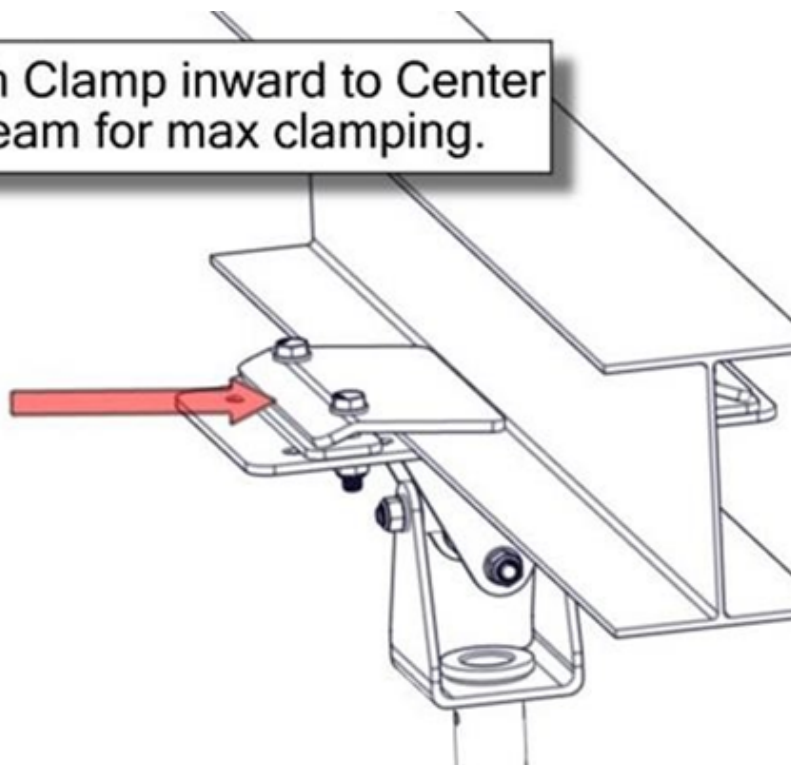
- 1. M12 x 55mm Bolt (4x)
- 2. M12 Washers (8x)
- 3. I-Beam Clamp (2x)
- 4. I-Beam Spacer (2x)
- 5. Mount Assembly (1x)
- 6. M12 Nylon Locknut (4x)

## Tools:

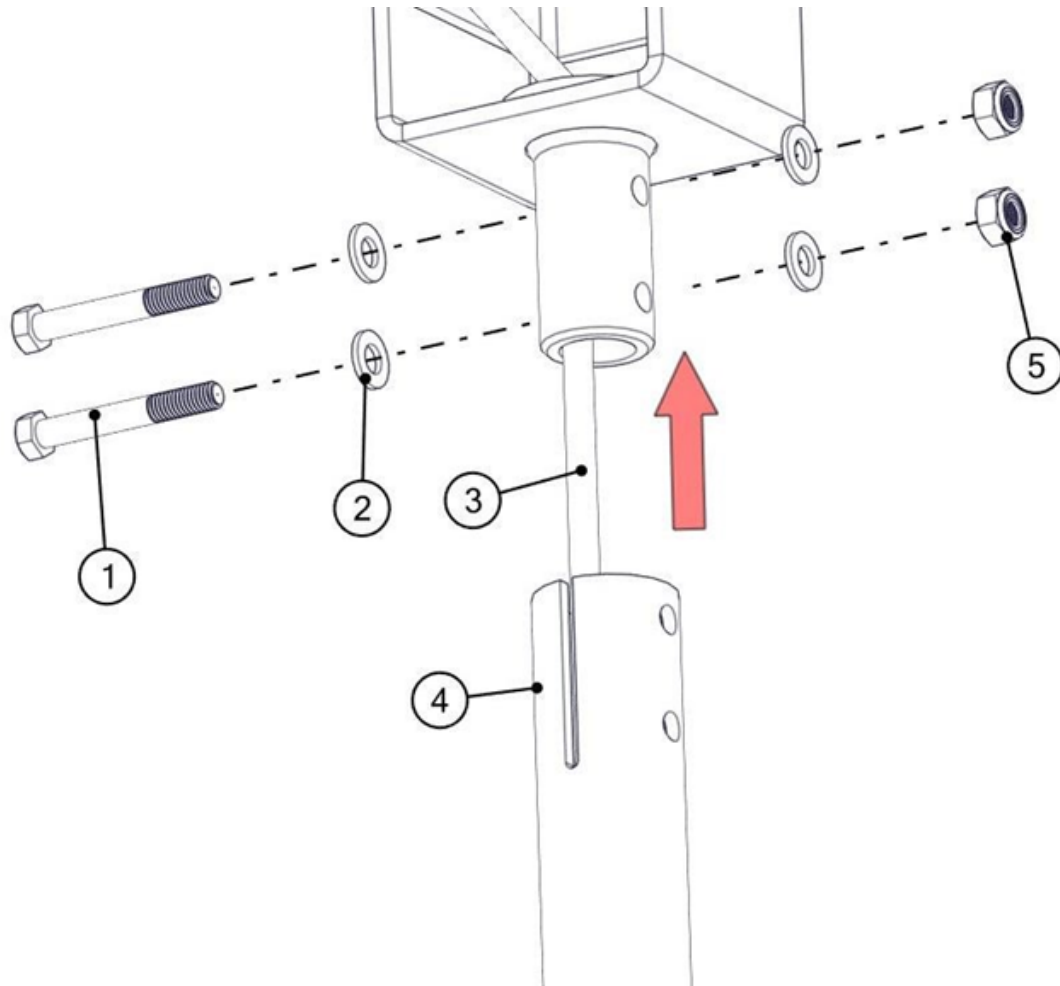
- 19mm Wrench
- 19mm Socket
- Torque Wrench

Torque = 100 NM

Puch Clamp inward to Center of Beam for max clamping.



# Stabilising Wired Mounting.



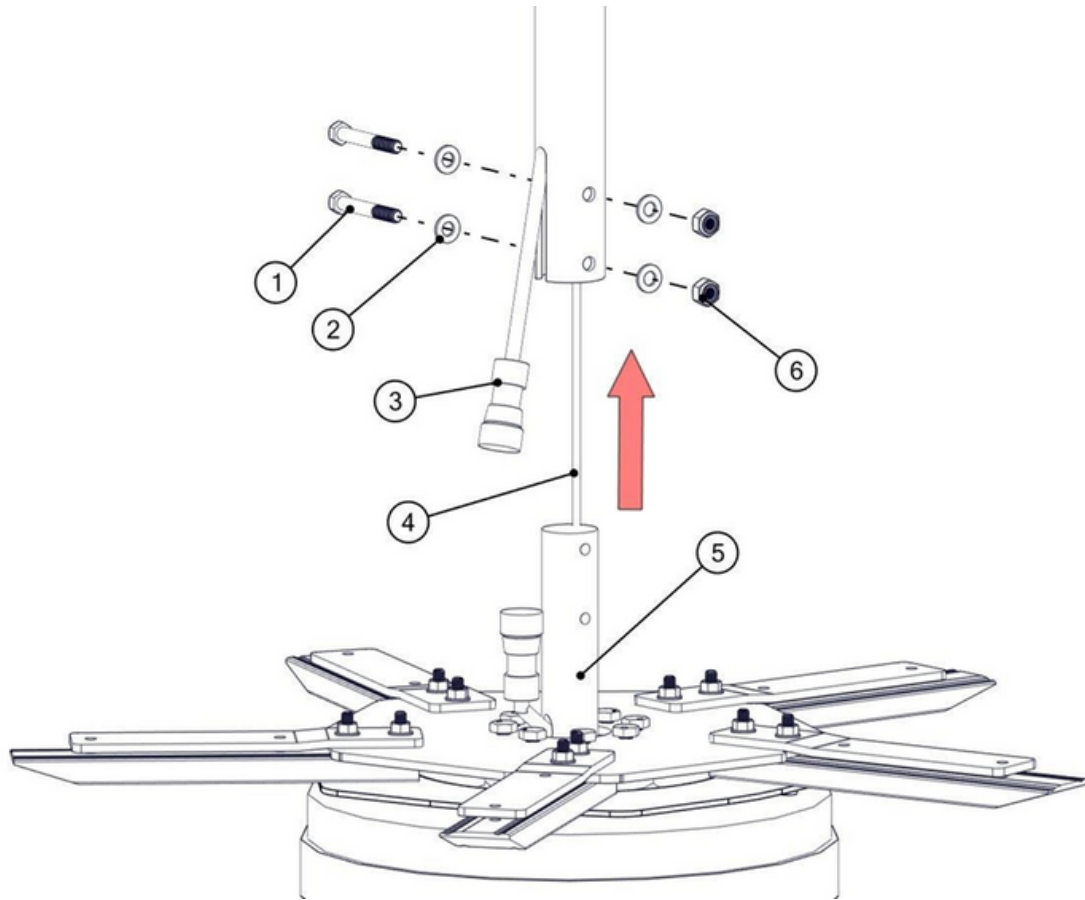
## Part List:

1. DIN 933 M10 Bolt C.10.9 (2x)
2. DIN 125 M10 Washer (4x)
3. Motor Cable (RVV 1.5x4)
4. Drop Tube (1x)
5. Din 985 M10 Nylon Lock Nuts C.10.9 (2x)

## Tools:

- 17mm Wrench
- 17mm Socket
- Torque Wrench

Torque = 60 NM



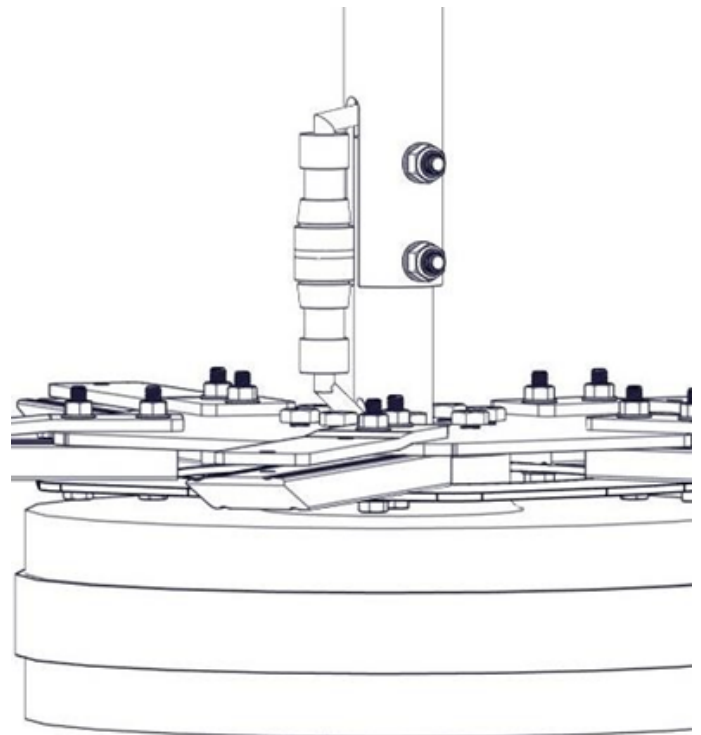
### Part List:

1. DIN 933 M10x70 Bolt C.10.9 (2x)
2. DIN 125 M10 Washer (4x)
3. MOTOR CABLE (RVV 1.5x4) CONNECT
4. Safety Cable (FEED TO TOP)
5. Motor Unit
6. Din 985 M10 Nylon Lock Nuts C.10.9 (2x)

### Tools:

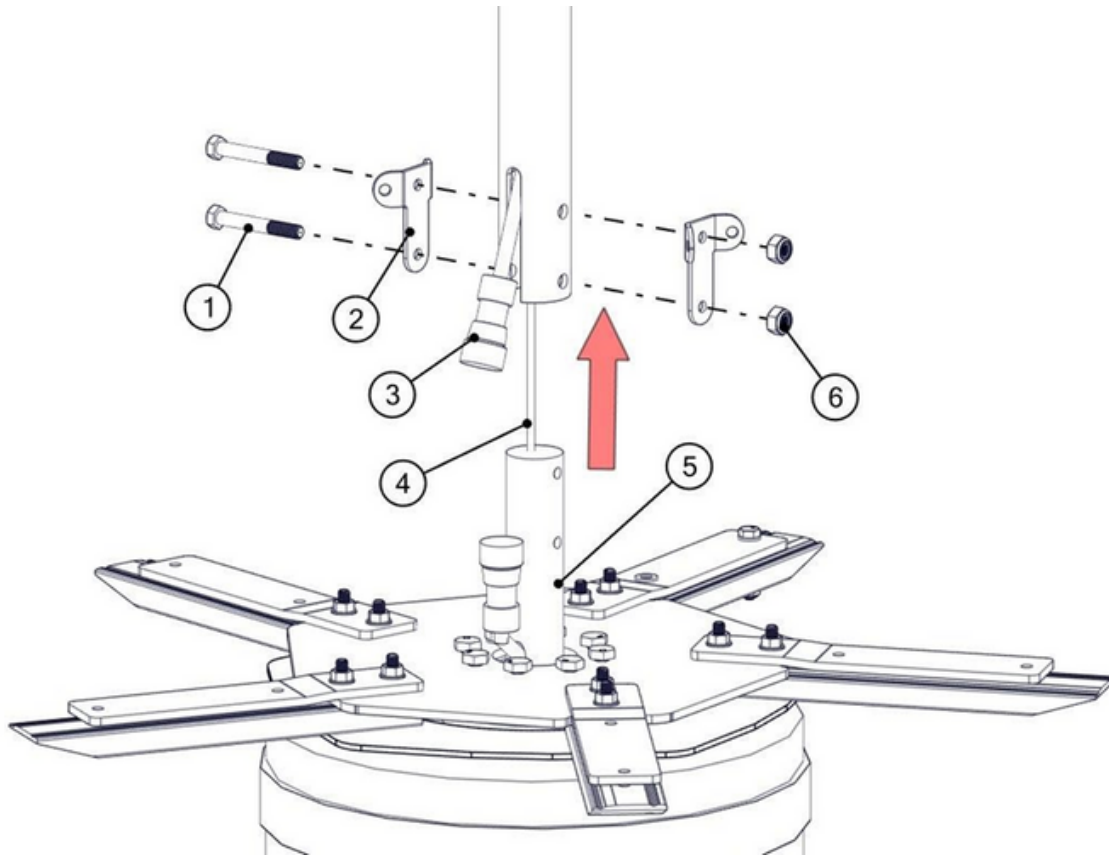
- 17mm Wrench
- 17mm Socket
- Torque Wrench

Torque = 60 NM





# Stabilising Wire (Option).



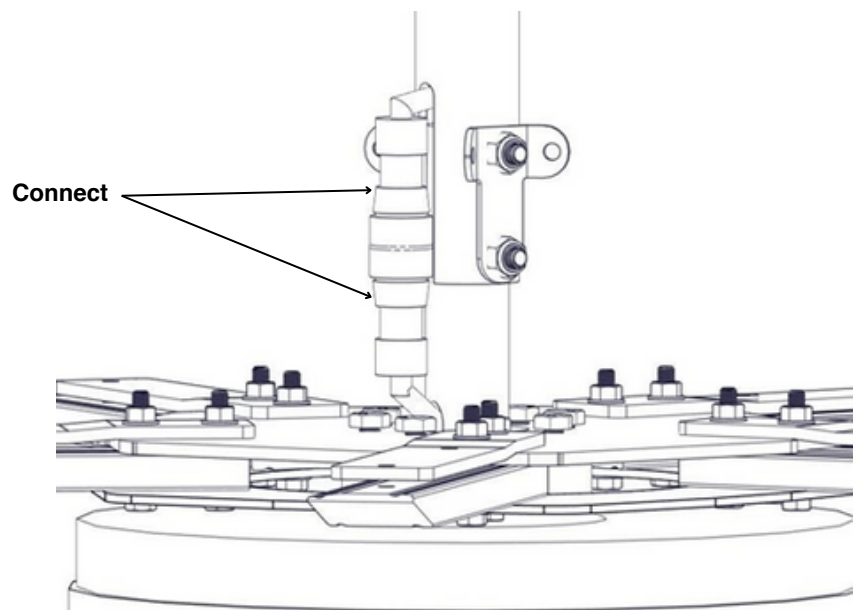
## Part List:

1. DIN 933 M8x70 Bolt C.10.9 (2x)
2. Guy Wire Brackets (2x)
3. MOTOR CABLE (RVV 1.5x4)
4. Safety Cable (FEED TO TOP)
5. Motor Unit
6. Din 985 M8 Nylon Lock Nuts C.10.9 (2x)

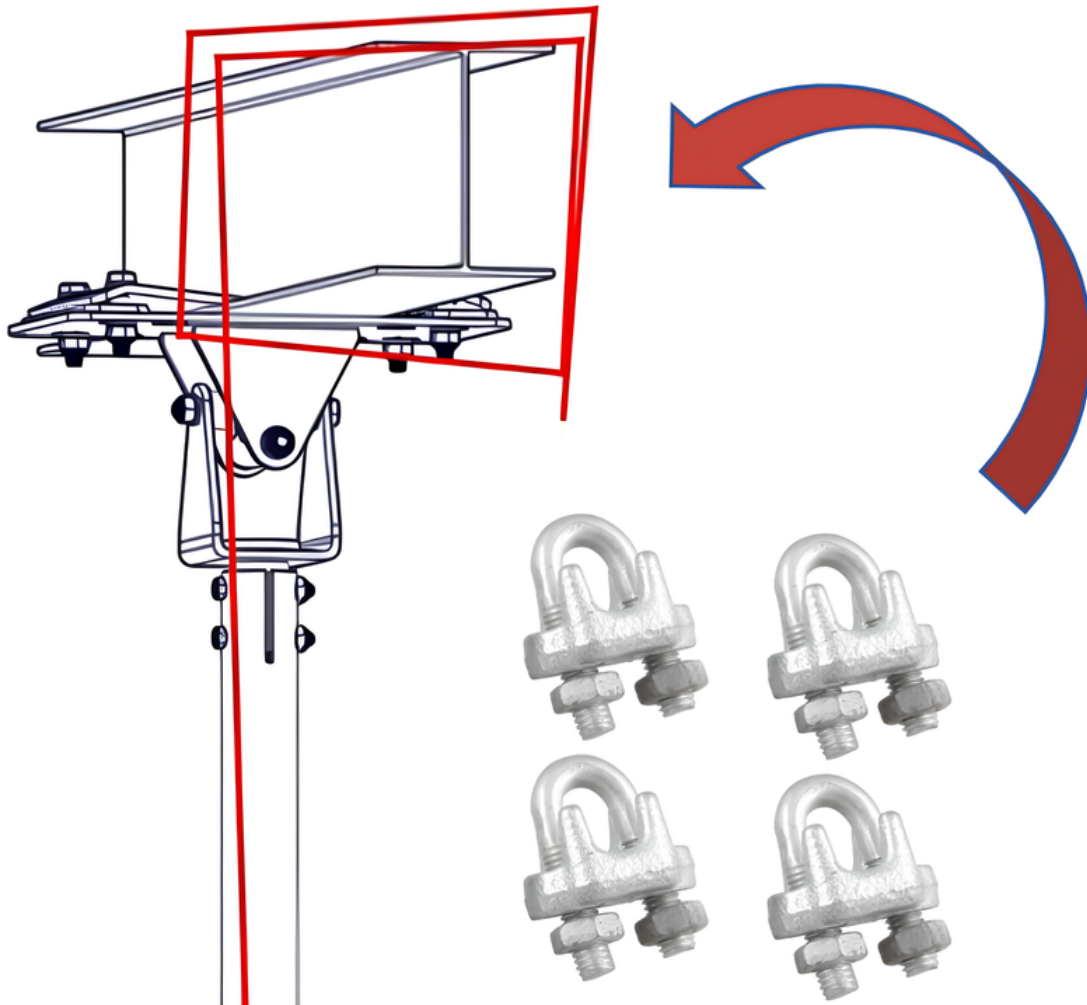
## Tools:

- 17mm Wrench
- 17mm Socket
- Torque Wrench

Torque = 60 NM



# Safety Cable.



## Part List:

1. Safety Cable (Attached to motor)
2. Wire Rope Clamps (4x)

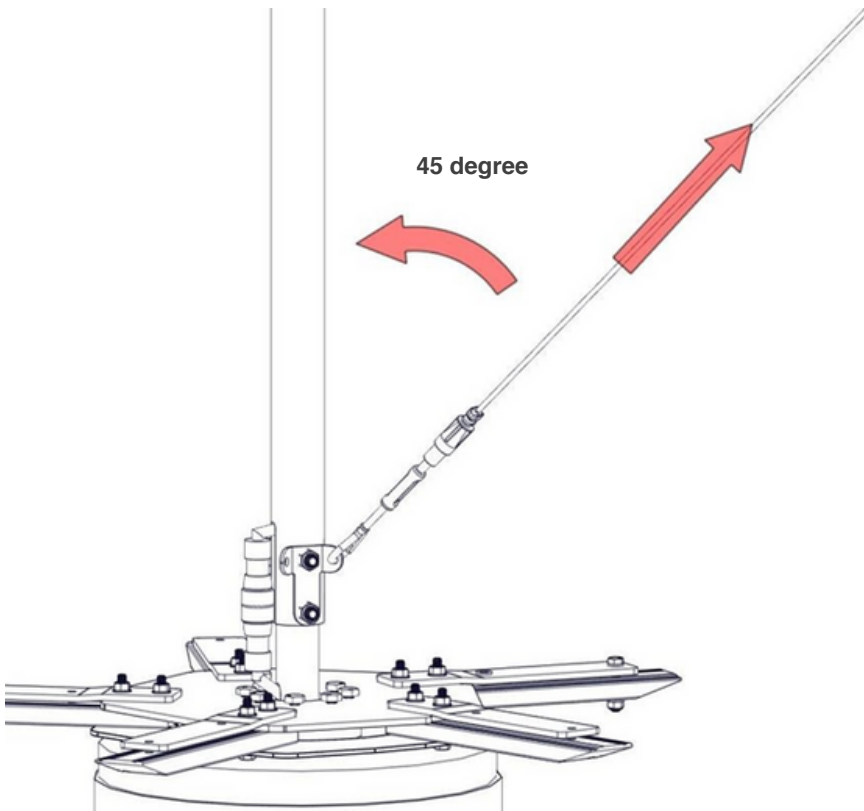
## Steps:

1. Feed wire up from the motor, through the mount.
2. Wrap the cable around BEAM.
3. Pull cable TIGHT.
4. Use 4 wire rope clamps to connect the loops and lock the cable in place.

## Caution.

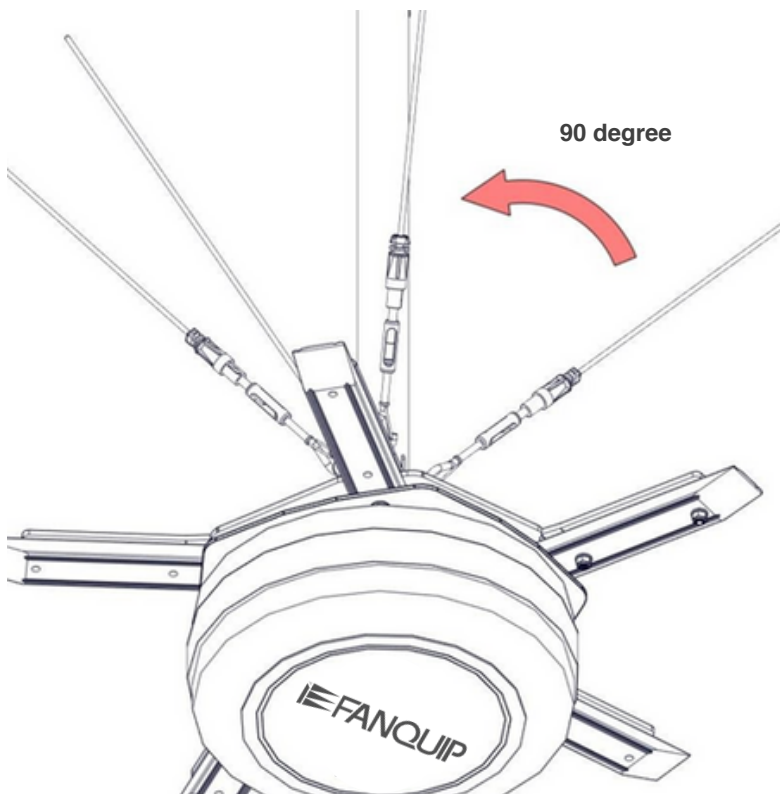
Do not secure to mount. Avoid sharp corners.

# Stabilising Wired Mounting.



- Guy wires for stabilizing wired mounting.
- Make 45-degree angle from Cable to Tube.

**Caution.**  
Attach to eye-bolt. No sharp corners.



## Steps:

- Install 4 guy wires 90-degree apart.
- Use a level to make the fan straight.
- Tighten the cables so the fan cannot be moved by hand.

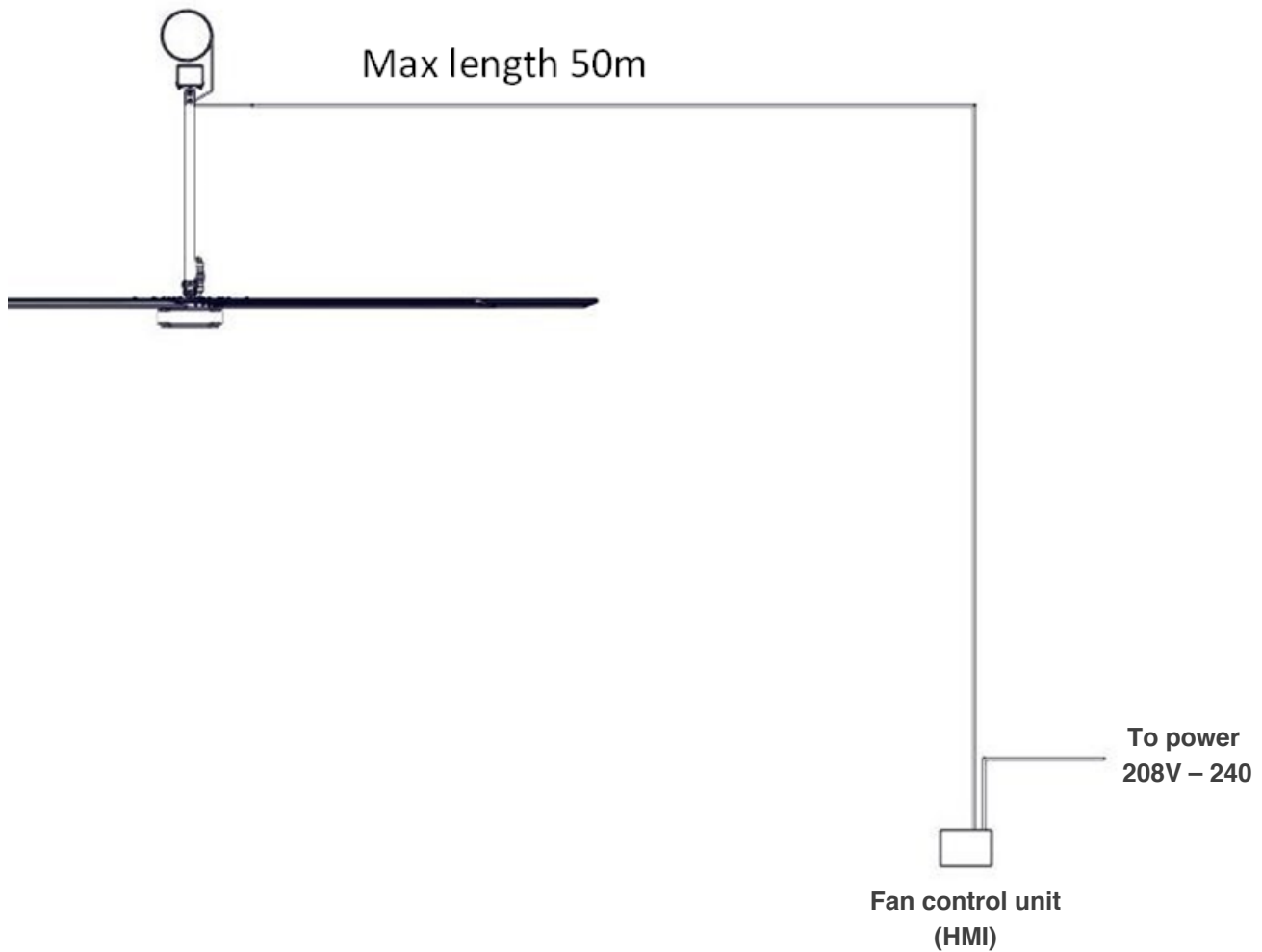


**Caution.**  
Do not over-tension.

## Caution.

Connecting the fan to the building shall be done by an electrician or certified personnel.

MUST follow regional and local electrical codes for installation and cable selections.

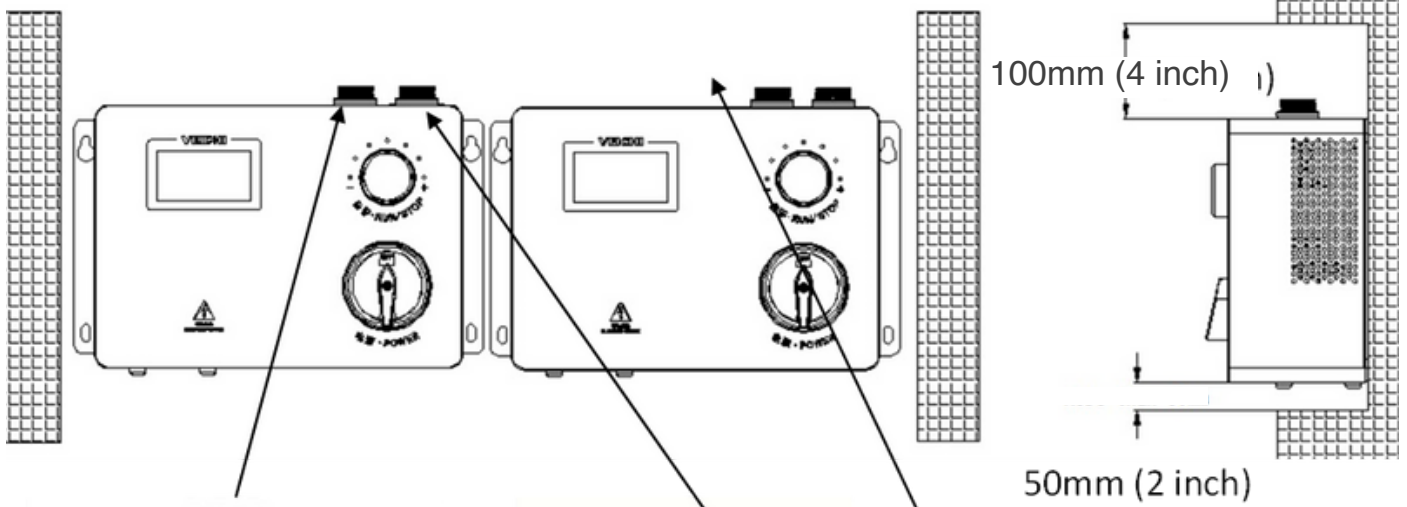


## Caution.

Connecting the fan to the building shall be done by an electrician or certified personnel.

MUST follow regional and local electrical codes for installation and cable selections.

Drive minimum spacing:



### To Motor

- 1 – Black
- 2 – Brown
- 3 – Blue
- 4 – Green/Yellow



### To Power 208-240 VAC

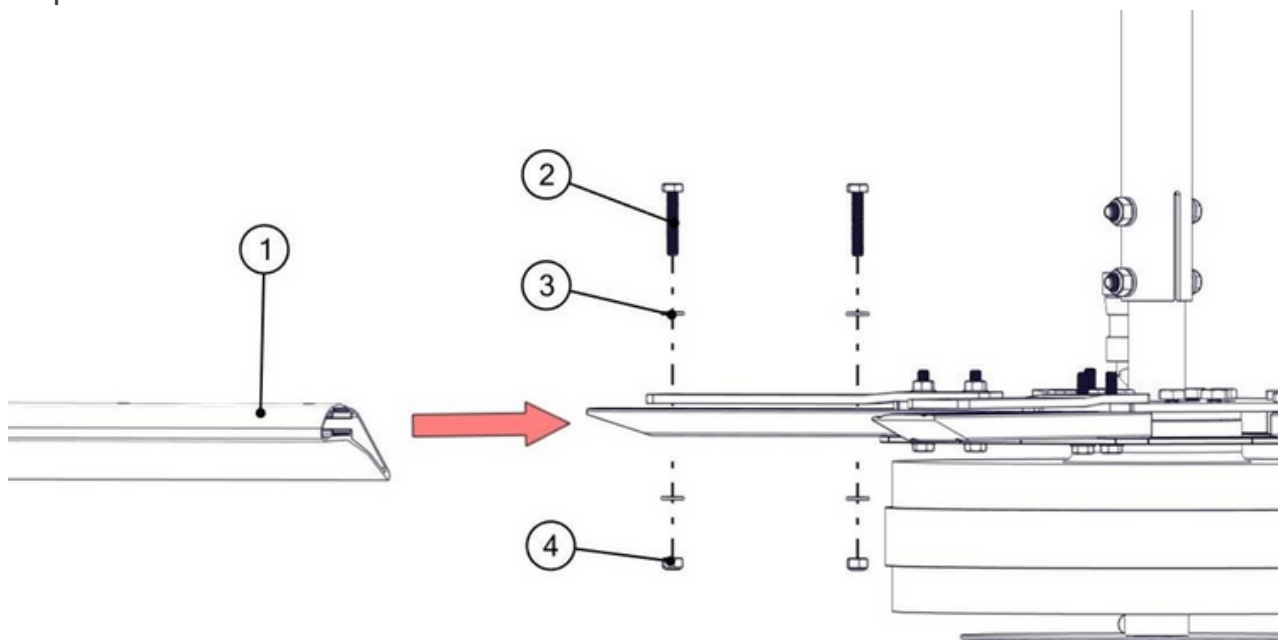
- 1 – L1
- 2 – GROUND
- 3 – Neutral / (L2)

Note: If there is a fire alarm terminal on the top of the controller (not standard), to enable this function, please set F05.00 to 9 and F05.22 to 0 (normally open) or 1 (normally closed) according to the setting.

TIP: If the fan spins backwards then switch output wires 1 & 3.

Note: Screws to the wall are not included, use sizes M3 or M4 (1/8" or 5/32").

Repeat 5 times



**Part List:**

- 1. Blade / Airfoil
- 2. M8x45 Bolt (2x)
- 3. M8 Washer (4x)
- 4. M8 Nylon Locknut (2x)

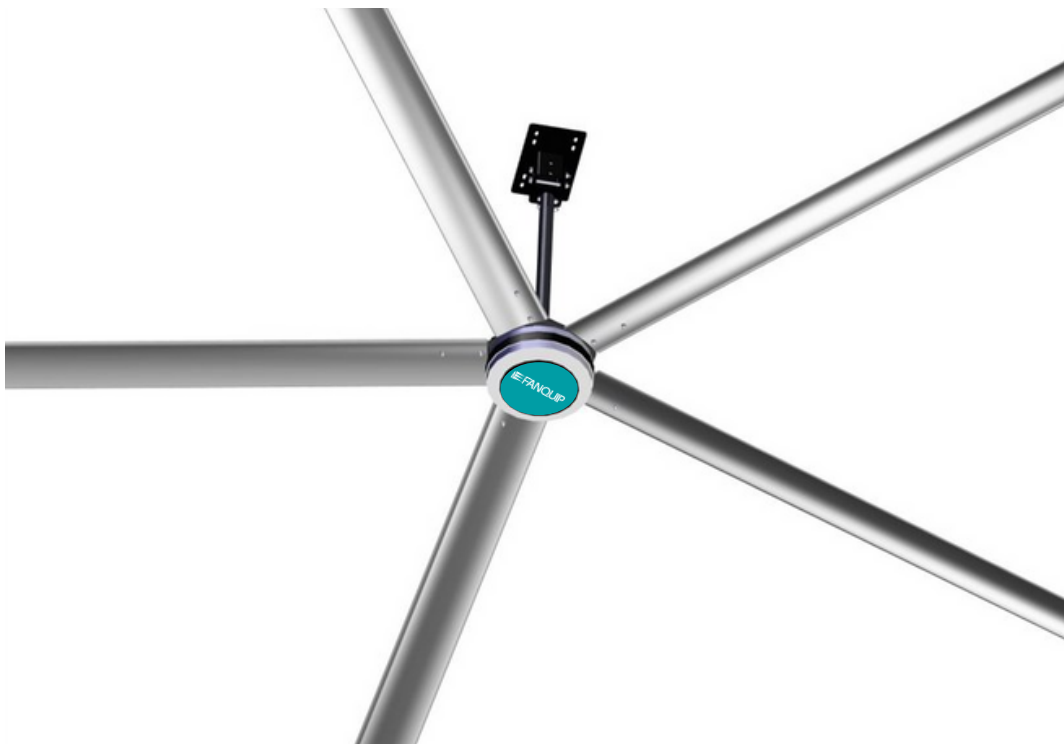
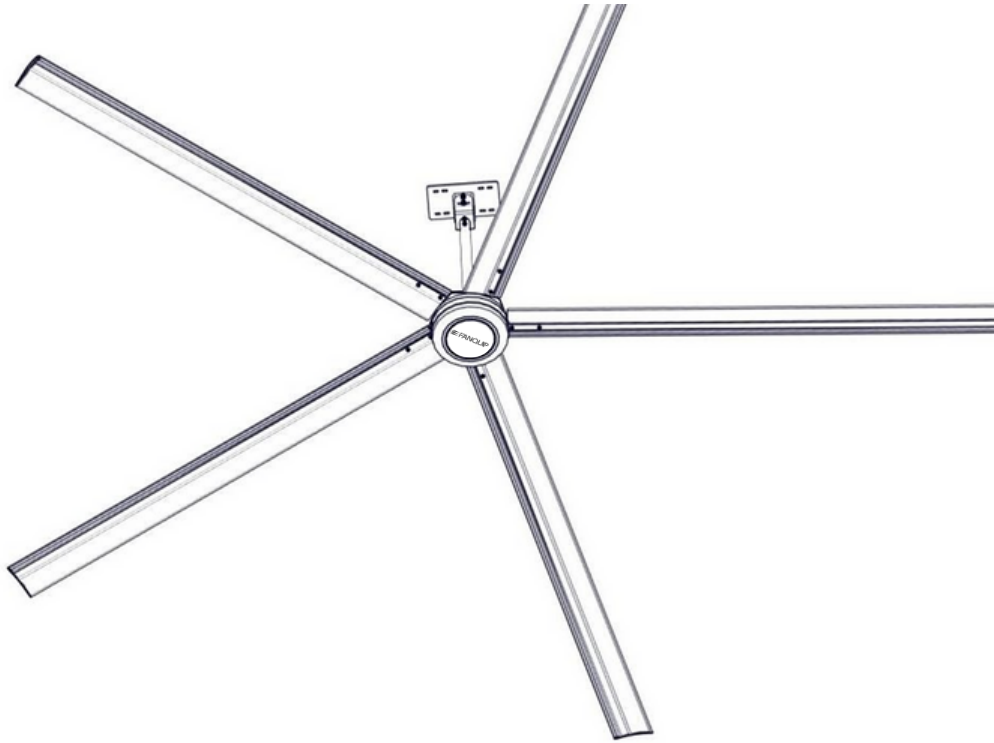
**Tools:**

- 13mm Wrench
- 13mm Socket
- Torque Wrench

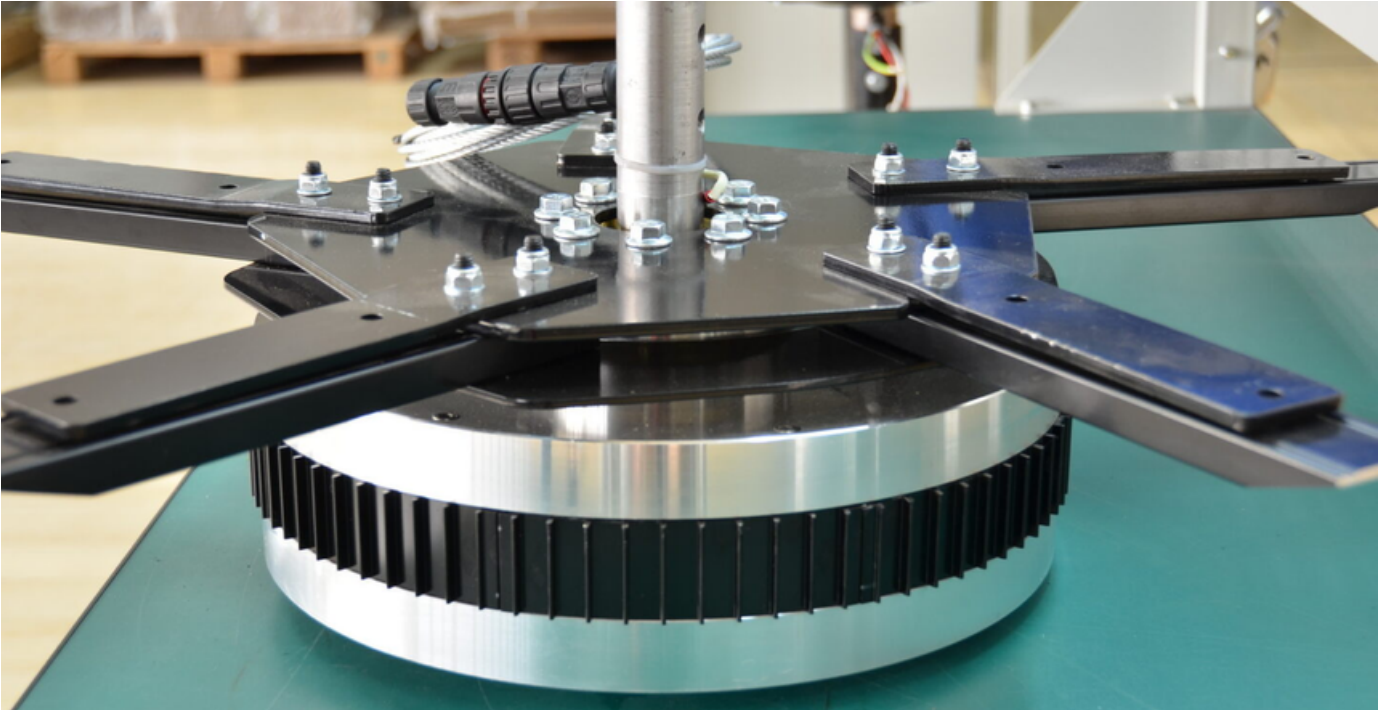
Torque = 30 NM

# Fan installed.

**FANQUIP**



# Giant Fan.






Installation manual

# Giant Fan.



Shop Giant Fan



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