

INDUSTRIAL PRODUCTS®

TPF30 TWF30

INDUSTRIAL FANS

OPERATOR'S MANUAL



TPF 30	30" PEDESTAL FAN
TWF 30	30" WALL FAN

BEFORE USE, ENSURE EVERYONE USING THIS MACHINE READS AND UNDERSTANDS ALL SAFETY AND OPERATING INSTRUCTIONS IN THIS MANUAL .

Serial #.....

Date of Purchase.....

TPF30 TWF30 ITM INDUSTRIAL FANS

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- The return has been authorised by ITM, and a return authority number (RA) has been issued prior to goods being despatched.
- The complete machine or tool is returned, freight prepaid to ITM or one of its authorised service agents as directed by ITM, and is found to have a material or constructional defect.
- The machine or tool has not been subject to misuse, neglect or damage by accident.
- The fault is not a result of normal "wear and tear".
- Written permission has been received from ITM prior to commencement of repair.
- Repairs, tampering or modification carried out by unauthorised personnel will void all warranty.
- Consumable items such as cutting tools, pilot pins, saw blades, grinding wheels etc. are NOT covered by warranty.

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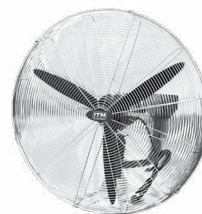


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Part #	TPF30	TWF30
Description	Pedestal Fan	Wall Fan
Blade Diameter	750mm (30")	750mm (30")
Motor	240V 3 Speed	240V 3 Speed
Flow Rate	290m ³ /min	290m ³ /min

ASSEMBLING DIAGRAM

PEDESTAL FAN

1. Assembling The Base To The Adjustable Pipe

- While holding the base (9) on its side; Push the pipe into the base (9) (Fig 1a).
- To secure the pipe to the base (9); locate the supplied 19mm bolt and washer and fit it through the center of the base weight and firmly tighten with a 19mm spanner (not supplied) (Fig 1b), (Fig 1c).



(fig 1a)



(fig 1b)

2. Assembling The Fan Motor To The Pipe

- Locate the fixing hole on the motor locating tube & align the hole with the hole in the adjustable pipe (8) push in place (Fig 2a)
- To secure the fan motor to the adjustable pipe (8), use the long bolt and washer and push through the lower hole & tighten (Fig 2b), (Fig 2c).



(fig 2a)



(fig 2b)

3. Assembling The Rear Safety Grill To The Fan Motor

- Align the rear safety grill (2) to the fan motor housing so that the fan grill securing hole is at the bottom of the fan and align the four screw holes (Fig 3a).
- Firmly tighten all the four screws (Fig 3b).



(fig 3a)



(fig 3b)

4. Assembling The Fan Blade To The Fan Motor

- Rotate the fan motor shaft until the rebated flat area on the shaft is in the 12 o'clock position.
- Locate the lock screw in the fan blade coupling; while aligning the screw and motor shaft rebated flat area push the fan blade (3) all the way onto the shaft and shaft and firmly tighten the grub screw by rotating in a clockwise direction (Fig 4a), (Fig 4b).



(fig 4a)



(fig 4b)

5. Assembling The Front Safety Grill To The Fan Motor

- Align the top locking clip on the front safety grill (1) to the top center of the rear safety grill (2) that has already been secured to the fan motor (Fig 5a).
- Lock the side and bottom clips in place (Fig 5b). Note: The logo should be level or horizontal.
- Secure the front & rear safety grills together using the fan grill securing hole in the bottom of the fan grill by inserting the fixing screw and nut provides (Fig 5c)



(fig 5a)



(fig 5b)

6. Operation

CAUTION! Prior to plugging in the unit ensure the switch is in the off (0) position.

- Located at the rear right of the motor unit is the 3 speed switch (4).
- Plug the unit into a wall socket and switch the socket on.
- Rotate the 3 speed switch (4) to the desired speed 0-OFF, 1-LOW, 2-MEDIUM, 3-HIGH.
- To turn the unit off rotate the switch (4) to the OFF position 0.



(fig 3a)



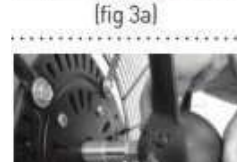
(fig 3b)

7. Tilt Adjustment

CAUTION! Ensure both the front and rear grill are assembled prior to making any adjustments

CAUTION! Ensure the unit is turned off and unplugged, and the blades are stationary prior to making any adjustments.

- To adjust the fan tilt: hole the motor then loosen the bolt under the motor and tilt the fan to the desired position; re-tighten the bolt under the motor FIRMLY.
- Plug the unit back in and turn on to the desired speed.



(fig 4a)



(fig 4b)

8. Adjusting The Oscillation

CAUTION! Prior to making any adjustments ensure the unit is turned off and unplugged, and the blades are stationary.

9. Activating The Oscillation

- Align the oscillation bar (6) and locking knob (7) with the outer screw hole in the oscillation cam block (5) (Fig 6a).
- Tighten the locking knob (7) in a clockwise position.



(fig 5a)



(fig 5b)

10. Deactivating The Oscillation

- Unscrew the locking knob
- Align the oscillation bar (5) and locking knob with the center screw hole in the oscillation cam block (5) (Fig 6b).
- Tighten the locking knob in a clockwise direction.
- Tighten the grub screw in the oscillation cam block (5).



(fig 5a)



(fig 5b)

11. Height Adjustment

CAUTION! Ensure both the front and rear grill are assembled prior to making any adjustments.

CAUTION! Ensure the unit is turned off and unplugged, and the blades are stationary prior to making any adjustments.

- To adjust the fan height: loosen the locking ring on the pipe (8), this will allow you to move the head up or down to the desired height
- Once you have the fan at the desired height tighten the locking ring ensuring it is firmly tightened prior to using.
- Plug the unit back in and turn on to the desired speed.



(fig 5a)



(fig 5b)



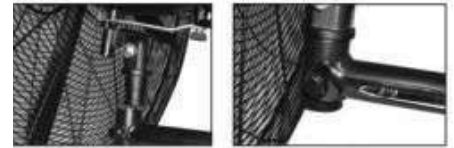
(fig 5c)

ASSEMBLING DIAGRAM

WALL FAN

1. Mounting The Wall Fan To The Wall

- **CAUTION: The fan must be used in the upright position and right fastened to the wall.**
- Determine the desired location of the wall fan and ensure that your wall structure is capable of handling the additional load of the mounted product.
- Mark the three screw holes with a pencil by holding the hanging bracket (9) to the wall.
- Note: Ensure the 2 holes on the hanging bracket (9) holes are horizontal prior to drilling.
- Drill the holes at the 3 pencil marks to suit the anchor being used (not supplied)
- Mount the hanging bracket (9) securely on the wall with 3 fixing anchors (not supplied) as per the fastener manufactures instructions.
- Hang the motor assembly onto the fan fixing bar (8) then fix the fan fixing bar (8) onto the hanging bracket (9) (fig 1a, 1b,1c)



(fig 1a)

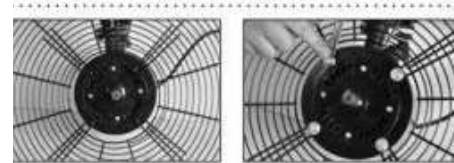
(fig 1b)



(fig 1c)

2. Assembling The Rear Safety Grill To The Fan Motor

- Align the rear safety grill (2) to the fan motor housing so that the fan grill securing hole is at the bottom of the fan and align the 4 screw holes (fig 2a).
- Firmly tighten all of the four screws (fig 2b).



(fig 2a)

(fig 2b)

3. Assembling The Fan Blade To The Fan Motor

- Rotate the fan motor shaft until the rebated flat area on the shaft is in the 12 o'clock position.
- Locate the lock screw in the fan blade coupling; while aligning the screw and motor shaft rebated flat area push the fan blade (3) all the way onto the shaft and firmly tighten the grub screw by rotating in a clockwise direction (fig 3a), (fig 3b).



(fig 3a)

(fig 3b)

4. Assembling The Front Safety Grill To The Fan Motor

- Align the top locking clip on the front safety grill (1) to the top center of the rear safety grill (2) that has already been secured to the fan motor (fig 4a).
- Lock the side and bottom clips in place (fig 4b) & (fig 4c) Note: The logo should be level or horizontal
- Secure the front & rear safety grill together using the fan grill securing hole in the bottom of the fan grill by inserting the fixing screw and nut provided (fig 4d) & (fig 4e).



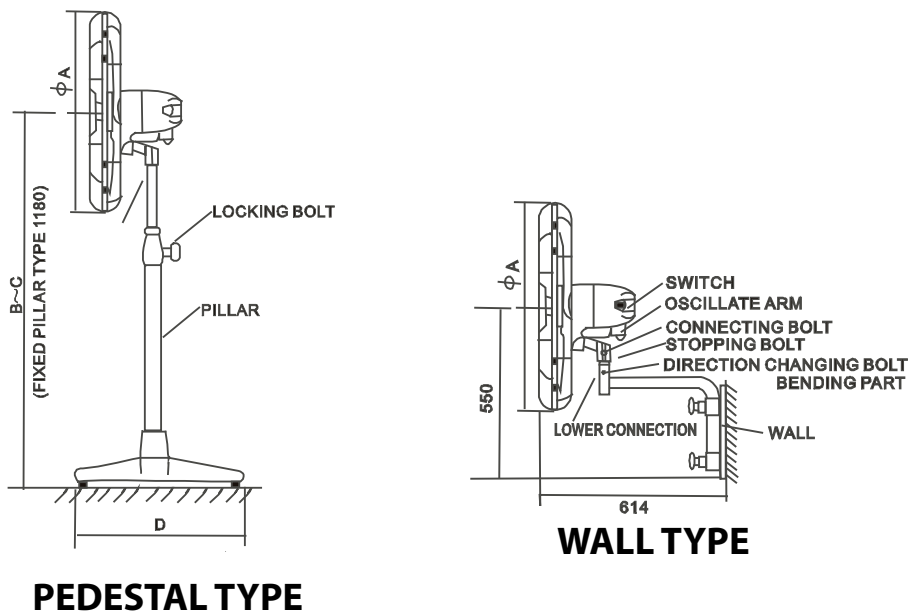
(fig 4a)



SAFETY INSTRUCTIONS

1. If an electrical fault is detected or the power supply cord is damaged, the device must be sent to a licenced electrician for repair.
2. Guard against electric shock, avoid body contact with earthed or grounded surfaces eg. pipes, air con, refrigerators etc. Never operate the device in rain or wet conditions, or if the tool has been exposed to rain or wet conditions.
3. Power source; ensure that the power source to be used conforms to the power requirements specified on the name plate. Ensure the power supply plug matches the outlet. Never modify the plug or use adaptors.
4. Do not abuse the power cord. Never use the cord for carrying, pulling or unplugging the device. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
5. Extension cord; when using an extension cord ensure sufficient thickness and rated capacity.
6. The ITM fan is suitable for cooling in factories, warehouses, workshops and industrial work areas. It is not designed for domestic use.

Product dimensions



Part #	TPF30	TWF30
Ø	810mm	810mm
B - C	1070 - 1250mm	-
D	660mm	-

OPERATING PROCEDURES

1. Oscillating control; The oscillating structure is shown in the drawing. When the oscillate arm is secured to the centre bolt hole, the fan will not oscillate. When oscillate arm is moved to the off-centre bolt hole, the fan will oscillate 90 degrees. Always ensure the power is turned off before making any oscillating adjustments
2. Fan Direction; To change the direction of the fan, turn off the power, loosen the direction changing bolt, adjust the direction of the fan head and tighten the bolt. It is not necessary to move the base of the fan.
3. Upward and downward tilt adjustment; Turn off the power, hold the head of the fan, loosen the connecting bolt and stopping bolt, adjust the fan to satisfactory position and tighten up the two bolts. 19mm Spanner required (not supplied)
4. Head Height Adjustment (pedestal type only); Turn off the power. Loosen the locking bolt, adjust the fan head to ideal position and then tighten up the locking bolt. In order to avoid the fan head falling down suddenly, the fan head must be held when the locking bolt is being loosened.
5. Installation of the wall fan base; The angle arm of the fan can be installed facing upwards or downwards. In both cases, the longer of the two locking bolts must be inserted through the small hole at the end of the angle arm in order to avoid falling off.
6. Speed Adjustment; The fan incorporates 3 speed settings which are controlled by the switch on the back of the fan head. "0" represents stop. "1" is the lowest blade speed setting, "3" is the highest.

Maintenance

1. Grease change; After the fan is operated over 2000 hours (or at least once a year), the grease in the gearbox and bearing should be changed.
2. Care; If the fan is not used for extended periods, it should be cleaned and put into a dry place.