



Industrial Air Circulators Instructions

For All Wall Mount Models

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

This TPI wall mount assembly is intended for use with TPI 24 and 30 inch Air Circulator Models: ACH24, ACH30, ACH24-O, ACH30-O, HDH24 and HDH30.

INSTALLATION INSTRUCTIONS

Use wall mount bracket of wall mount assembly as a templet for locating the holes to be drilled on mounting surface. After determining the four hole locations, use an appropriately sized drill bit and drill holes through mounting surface. Reference acceptable mounting surfaces and appropriate drill bit sizes for application.

Attach wall mount assembly to mounting surface using hardware not provided. It is recommended that a minimum of grade 5 fasteners be used. The following are acceptable surfaces for mounting wall mount assembly.

WOOD SURFACE - When mounting to a wooden surface or wall, surface shall be a minimum of 1 inch thick. Using 5/32" drill bit, drill four holes at pre-marked locations. Use four 1/4" wood lags of appropriate length (minimum 1 inch) for mounting surface thickness.

STEEL SURFACE - When mounting to a steel surface of sufficient strength, such as vertical I-beam, drill four holes at pre-marked locations, using a 9/32" drill bit. Attach wall mount assembly to mounting surface using 1/4"-20 hex screw of appropriate length, in combination with 1/4" flat washers, 1/4" lock washers and 1/4"-20 hex nuts.

MASONRY SURFACE - When mounting to a masonry surface use a 1/4" expansion type bolt or 1/4" masonry lag with shield. Drill four holes at pre-marked locations using appropriate sized drill bit as recommended for fastener.

Assemble wall mount support arm to wall mount wall bracket using the 5/16" - 18 x 1" hex screws, 5/16" hex nuts, 5/16" lock washer and 5/16" flat washers as illustrated in assembly drawing on reverse side of instruction sheet. Securely tighten fastener assembly. Support arm should be secure to wall bracket but still be capable of swiveling horizontally within wall bracket.

Securely tighten all fasteners. Attach TPI Air Circulator Fan Head to wall mount assembly as illustrated in assembly drawing on reverse side of instruction sheet. Reference instruction sheet provided with TPI Air Circulator Fan Head.

For additional information on TPI Products or replacement parts, call TPI Customer Service Department at 1-800-251-0382 or write to the address below.

P.O. Box 4973 * Johnson City, Tennessee 37602-4973 * 423-477-4131 * Fax 423-477-0683

Form: 9895

Washdown



WASHDOWN FAN INFORMATION SHEET

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING

- A. Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
- B. Before servicing or cleaning unit, switch power off at service panel and lock service panel to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag to the service panel.
- C. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards.
- D. Do not put foreign objects through fan guards into fan blade.

WARNING - ELECTROCUTION HAZARD THIS UNIT MUST BE GROUNDED.

CAUTION - FOR GENERAL VENTILATING USE ONLY. DO NOT USE WITH HAZARDOUS OR EXPLOSIVE MATERIALS AND VAPORS.

WARNING - TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT USE ANY SOLID-STATE SPEED CONTROL DEVICE WITH THIS FAN.

WARNING - AUTOMATIC RESET PROTECTION - Thermally protected automatic reset will cause the motor to restart without warning after the protector trips.

ATTENTION - Motor is provided with 2 drain holes in the shaft end shield, located at the 6:00 and 12:00, 2 drain holes in the opposite shaft end endshield located at the 6:00 and 12:00, and 2 drain holes in the conduit box located at 6:00 and 12:00 facing conduit box. After mounting motor remove drain screws at the lowest points. This motor is not suitable for shaft up or shaft down installation.

See reverse side for general fan information.



Industrial Air Circulator Instructions

All Industrial and Heavy Duty Pedestal Fans

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

It is recommended that you follow the following safety instructions:

- ALWAYS unplug unit for cleaning, wipe with damp cloth and mild detergent.
- ALWAYS unplug when not in use.
- ALWAYS unplug when moving fan from one location to the next.
- DO NOT allow unit to become wet or damp.
- DO NOT oil, motor is permanently lubricated.
- DO NOT put foreign objects through fan guards into blade.

WARNING: To reduce risk of fire and electrical shock, do not use this fan with a solid state speed control device. Plug unit into properly rated service outlet.

ASSEMBLY INSTRUCTIONS

1. Before assembling fan head, mount must be fully assembled and installed as indicated in the instructions provided with the mount. Refer to instructions sheet provided with mount for model employing mounts other than pedestal type, then continue with item 8. Pedestal models continue with steps 2 through 10.
2. Remove base and column from cartons
3. Slide the upper column (2) into the lower column (6). The collar (7) should be inserted into the lower column (6) such that the two holes on the collar (7) line up with the two holes of the lower column (6). Insert and tighten the two 6-32 x 1/4" screw (8). Refer to illustrated in Figure A.
4. Mount the column to the base using five 5/16-18 x 3/4" carriage bolts (17) and 5/16-18 nylock hex nuts (18). Refer to Figure B.
5. For models with wheel kits for the base refer to the instructions provided with wheel kit. Attach wheels as directed in instructions.
6. Mount the motor to the upper column (2) using the 1/2-13 x 1 screw (9), 1/2" lock washers (10), 1/2" hex nut (11), 1/4-20 x 1" screw (12), 1/4" lock washers (13), 1/4" flat washers (14) and 1/4" hex nuts (15) provided. Refer to Figure E.
7. Route motor power cord (1) from the motor to the outside of lower column using the two nylon tie wraps (3). Refer to Figure B on reverse side.
8. Mount the rear guard (19) to the motor studs using the flat washers (20), lock washers (21) (optional with some assemblies) and hex nuts (22) provided. Note that one float washer must be placed on each motor stud before the rear guard is mounted. Refer to Figure C.
Place the fan blade (23) onto the motor (4) shaft. The CONCAVE or CUPPED portion of the blade's paddles should face away from the motor. Position blade (23) onto shaft so that there is equal distance between the front (5) and rear (19) guards to the blade (23). Securely tighten the set screw against the flat on the motor shaft. **DO NOT TIGHTEN SET SCREW TO ROUNDED PORTION OF SHAFT.**
9. Mount the front guard (5) to the rear guard (19) by interlocking the hooks from the front and rear guard under the outer most ring of the opposite guard. A flat blade screw driver will aid this process greatly.
10. Plug directly into a properly rated service outlet.

OPERATING INSTRUCTIONS

When moving models having wheel kits on the base, carefully tilt fan toward the wheels and roll to the new location. To move the models without wheel kits, it is recommended that the fan be carrier or tilted on the base's edge and rolled to the next location. Do not drag base while moving the fan.

The speed of the fan can be controlled by the pull chain switch. The sequence for Industrial models and Heavy Duty models is High, Off, Low, Off.

The angle of the fan may be adjusted up and down by loosening the 1/4" and 1/2" motor mount bolts. Position fan head into desired direction and securely tighten motor mount bolts.

For additional information on TPI Products or replacement parts, call TPI Customer Service Department at 1-423-477-4131 or toll free 1-800-251-0382 or write to address below.

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FORM: 9898



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INSTALLATION INSTRUCTIONS

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Attach wall mount assembly to mounting surface using hardware not provided. It is recommended that a minimum of grade 5 fasteners be used. The following are acceptable surfaces for mounting wall mount assembly.

WOOD SURFACE - When mounting to a wooden surface or wall, surface shall be a minimum of 1 inch thick. Using 5/32" drill bit, drill four holes at pre-marked locations. Use four 1/4" wood lags of appropriate length (minimum 1 inch) for mounting surface thickness.

STEEL SURFACE - When mounting to a steel surface of sufficient strength, such as vertical I-beam, drill four holes at pre-marked locations, using a 9/32" drill bit. Attach wall mount assembly to mounting surface using 1/4"-20 hex screw of appropriate length, in combination with 1/4" flat washers, 1/4" lock washers and 1/4"-20 hex nuts.

MASONRY SURFACE - When mounting to a masonry surface use a 1/4" expansion type bolt or 1/4" masonry lag with shield. Drill four holes at pre-marked locations using appropriate sized drill bit as recommended for fastener.

Assemble wall mount support arm to wall mount wall bracket using the 5/16" - 18 x 1" hex screws, 5/16" hex nuts, 5/16" lock washer and 5/16" flat washers as illustrated in assembly drawing on reverse side of instruction sheet. Securely tighten fastener assembly. Support arm should be secure to wall bracket but still be capable of swiveling horizontally within wall bracket.

Securely tighten all fasteners. Attach TPI Air Circulator Fan Head to wall mount assembly as illustrated in assembly drawing on reverse side of instruction sheet. Reference instruction sheet provided with TPI Air Circulator Fan Head.

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Form: 9895



Industrial Air Circulator Instructions
For All I-Beam Mount Models

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

This TPI I-Beam mount assembly is intended for use with TPI24 and 30 inch Air Circulator Models: ACH24, ACH30 and HDH24, HDH30.

NOT FOR USE WITH OSCILLATING FAN HEAD ASSEMBLIES

IMPORTANT NOTE: Due to the wide range of applications this mount requires the installer to provide a 1 1/2" pipe nipple with 11.5 UNC threads, of appropriate length for installation application. This component is not provided.

INSTALLATION INSTRUCTIONS

Attach I-beam mount weld assembly (1 3/4" diameter pipe with 90 degree bend) to I-beam mounting surface using both RC clamps provided. I-beam mount weld assembly can be attached to either vertical or horizontal I-beams. However, when mounting I-beam mount assembly to a vertical I-beam it is not recommended that a nipple longer than 6 inches be used. Reference assembly drawing on reverse side of instruction sheet for proper mounting. Securely tighten RC clamp nuts once I-beam weld assembly is located at desired position.

Attach one end of a 1 1/2" threaded pipe nipple (1 1/2" pipe with threads on both ends) of appropriate length (not provided) to coupling on end of I-beam mount weld assembly. Securely tighten nipple into coupling and then securely tighten set screws of I-beam mount weld assembly. Reference assembly drawing on reverse side of instruction sheet for proper mounting.

Attach ceiling mount weld assembly to other end of 1 1/2" threaded pipe nipple. Securely tighten ceiling mount weld assembly onto pipe nipple and then securely tighten set screw of ceiling mount weld assembly. Reference assembly drawing on reverse side of instruction sheet for proper mounting.

Double check and securely tighten all fasteners. Attach TPI Air Circulator Fan Head to I-beam mount assembly, as illustrated in assembly drawing on reverse side of instruction. Reference instruction sheet provided with TPI Air Circulator Fan Head.

For additional information on TPI Products or replacement parts, call TPI Customer Service Department at 1-800-251-0382 or write the address below.

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Industrial Air Circulator Instructions

For All Ceiling Mount Models

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

This TPI ceiling mount assembly is intended for use with TPI 24 and 30 inch Air Circulator Models: ACH24, ACH30, HDH24 and HDH30.

NOT FOR USES WITH OSCILLATING FAN HEAD ASSEMBLIES

IMPORTANT NOTE: Due to the wide range of applications this mount requires the installer to provide a 1 1/2" nipple with 11.5 UNC threads, of appropriate length for installation application. This component is not provided.

INSTALLATION INSTRUCTIONS

Use standard screwed floor flange provided as a templet for locating the holes to be drilled on mounting surface. After determining the four hole locations, use an appropriately sized drill bit and drill holes through mounting surface. Reference acceptable mounting surfaces and appropriate drill bit sizes for application. Attach flange to mounting surface using hardware not provided. It is recommended that a minimum of grade 5 fasteners be used.

The following are acceptable surfaces for mounting ceiling mount assembly.

STEEL SURFACE - When mounting to a steel surface of sufficient strength, such as a horizontal (over head) I-beam, drill four through holes at pre-marked locations, using a 11/32" drill bit. Attach flange to mounting surface using 5/16" - 18 machine screws of appropriate length, in combination with 5/16" flat washers, 5/16" lock washers and 5/16 - 18 hex nuts.

MANSONARY SURFACE - When mounting to a masonry surface use a 5/16" expansion type bolt or 5/16" masonry lag with shield. Drill four holes at pre-marked locations using appropriate sized drill bit as recommended for fastener.

Attach one end of a 1 1/2" threaded pipe nipple (1 1/2" pipe with threads on both ends) of appropriate length (not provided) to pre-mount flange. Securely tighten nipple into flange and then securely tighten set screws of flange.

Double check and securely tighten all fasteners. Attach TPI Air Circulator Fan Head to ceiling mount assembly. Reference assembly drawing on reverse side of instruction sheet provided with TPI Air Circulator Fan Head.

For additional information on TPI products or replacement parts, call TPI Customer Service Department at 1-800-251-0382 or write to the address below.

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