



Industrial Air Circulator Instructions

For Square Belt Drive Portable Blowers

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

It is important that the following safety precautions be followed when using this product:

- ALWAYS unplug unit for cleaning or maintenance.
- ALWAYS unplug unit when not in use.
- ALWAYS unplug unit when moving unit from one location to the next.
- DO NOT use an extension cord. Plug fan into a properly rated electrical outlet.
- DO NOT place foreign objects through guards into blades.
- DO NOT over tension fan belt.

WARNING: To avoid risk of fire or electrical shock, DO NOT use this fan with any solid state speed control.

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING: Do not use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).

OPERATING INSTRUCTIONS

This unit is equipped with a rocker switch. TPI Air Circulators can be used alone or in conjunction with an air conditioner to circulate and force cooled air into other areas. During normal operation it is not uncommon for the motor to be warm to the touch. The motor is equipped with a thermo-protector and will automatically de-energize the fan if it were to over heat for any reason. If this should happen immediately disconnect unit from the power outlet.

CLEANING / MAINTENANCE INSTRUCTIONS

All maintenance should be done by either TPI Corporation or a qualified electrician. The motor bearings are lubricated at the factory and should not require any additional lubrication. However, if bearing lubrication is required, apply a small amount of a high temperature bearing grease.

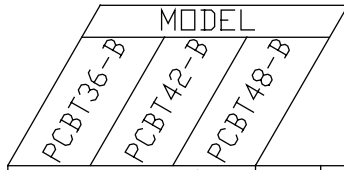
Use a 5/16" nut driver to loosen screws for removing front and rear fan guards. Use an air hose or vacuum to remove any air born contaminates which may have settled on motor or bearings. Use mild detergent to clean blade and guards. Avoid allowing the cleanser to come in contact with the motor bearings or windings. Replace guards using 5/16" nut driver. Allow fan to completely dry before next use.

Reference parts list on reverse side of this instruction sheet. Save these important instructions. Your TPI Air Circulator carries a one year warranty.

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

ASSEMBLY LIST FOR BELT DRIVE BLOWERS



DENOTES ITEM REQUIRED FOR THAT MODEL

| MODEL | | | QTY | TPI P/N | DESCRIPTION |
|-----------|-----------|-----------|-----|-----------|------------------------------|
| PCBT36-B | PCBT42-B | PCBT48-B | | | |
| VARIATION | VARIATION | VARIATION | | | |
| -001 | -002 | -003 | | | |
| X | | | 1 | 63980-001 | OUTSIDE CABINET, ASSY |
| | X | | 1 | 63980-002 | OUTSIDE CABINET ASSY |
| | | X | 1 | 63980-003 | OUTSIDE CABINET ASSY |
| X | | | 1 | 58279-001 | FAN BLADE ASSEMBLY |
| | X | | 1 | 58278-001 | FAN BLADE ASSEMBLY |
| | | X | 1 | 58278-002 | FAN BLADE ASSEMBLY |
| X | | | 2 | 63949-003 | FAN GUARD |
| | X | | 2 | 63949-004 | FAN GUARD |
| | | X | 2 | 63949-005 | FAN GUARD |
| X | | | 1 | 58074-001 | MOTOR |
| | X | | 1 | 58074-002 | MOTOR |
| | | X | 1 | 58073-003 | MOTOR |
| X | | | 2 | 50200-001 | BALL BEARING ASSEMBLY |
| | X | | 1 | 50198-004 | SHAFT, FAN BLADE |
| | | X | 1 | 50201-003 | BLADE PULLEY |
| X | | | | 43893-006 | BOLT 1/4 - 20 x 1 1/2 LENGTH |
| | X | | 1 | 50270-003 | MOTOR PULLEY |
| | | X | 1 | 50270-001 | MOTOR PULLEY |
| X | | | 4 | 43899-001 | 5/16"-18 H.H.C.S. |
| | X | | 4 | 1633 | 5/16"-18 HEX NUT |
| | | X | 4 | 43920-001 | RUBBER BUSHING |
| X | | | 2 | 44211-001 | WHEEL 4" |
| | X | | 4 | 93481-002 | WASHER, FLAT |
| | | X | 1 | 73002-103 | VENTURI, ASSEMBLY |
| | X | | 1 | 73002-104 | VENTURI, ASSEMBLY |
| | | X | 1 | 73002-105 | VENTURI, ASSEMBLY |
| X | | | 8 | 43893-005 | BOLT 1/4 - 20 x 1/2 LENGTH |
| | X | | 3 | 3377 | TYRAP |
| | | X | 4 | 43893-005 | 1/4"-20 H.H.C.S. |
| X | | | 12 | 43894-001 | 1/4"-20 NYLOCK HEX NUT |
| | X | | 1 | 43882-002 | STRAIN RELIEF |
| | | X | 4 | 43651-004 | #6-32 PAN HEAD PHILLIPS |
| X | | | 1 | 41315-001 | HANDY BOX |
| | X | | 1 | 58093-002 | CORD SET ASSEMBLY |
| | | X | 2 | 42502-002 | 1/4"-20 RD. HEAD SQ. NECK |
| X | | | 1 | 58557-001 | HANDLE, SUPPORT |
| | X | | 2 | 43651-001 | #6-32 PAN HEAD PHILLIPS |
| | | X | 1 | 63255-002 | SWITCH, ROCKER |
| X | | | 1 | 43909-001 | SWITCH, ROCKER |
| | X | | 2 | 4418 | ROMEX CONNECTOR |
| | | X | 1 | 58128-004 | MOTOR/SWITCH CORD SET |
| | X | | 1 | 58128-005 | MOTOR/SWITCH CORD SET |
| | | X | 1 | 58128-006 | MOTOR/SWITCH CORD SET |
| X | | | 54 | 43621-001 | SCREW, SHEET METAL |
| | X | | 4 | 1737 | SPRING LOCK WASHER |
| | | X | 8 | 43674-001 | WASHER, FLAT |
| X | | | 1 | 40361-003 | BELT <4L620> |
| | X | | 1 | 40361-015 | BELT <4L700> |
| | | X | 1 | 40361-016 | BELT <4L750> |