



Industrial Air Circulator Instructions

For All Suspension Style Portable Belt Drive Blowers
Hazard Location

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

As with all electrical equipment, it is recommended that the following be noted:

- ALWAYS disconnect unit from power source for cleaning, wipe with damp cloth and mild detergent.
- ALWAYS disconnect unit from power source when not in use.
- ALWAYS disconnect unit from power source before moving or repositioning fan.
- DO NOT allow fan to become wet or damp.
- DO NOT oil, motor is permanently lubricated.
- DO NOT put foreign object through fan guards into fan blade.

WARNING: To reduce the risk of fire and shock, do not use this fan with a solid state speed control device.

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:

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 thermoprotector, and will automatically de-energize the fan if it were to over heat for any reason. If this should happen immediately disconnect unit from power.

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 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 a 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.

INSTALLATION INSTRUCTIONS:

This unit is equipped with three (3) turned eye bolts, attached to blower wrapper, for securing suspension chains. TPI Corporation recommends that a minimum grade 70 high strength steel chain with 1/4" diameter be used to mount suspension blowers overhead. TPI Corporation also recommends the use of a secondary safety cable for all overhead mounting applications.

ELECTRICAL INSTALLATION:

All electrical wiring should be done in accordance with all state and local electrical code, by a licensed electrician. Refer to schematic diagram provided with motor inside of connection box. It is recommended that the fan be wired into its own circuit breaker and into its own switch for controlling fan on and off. Fan must be properly grounded.

Reference parts list on the reverse side of this instruction sheet. Save these important instructions. Your TPI suspension 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 the address below.

P.O. BOX 4973

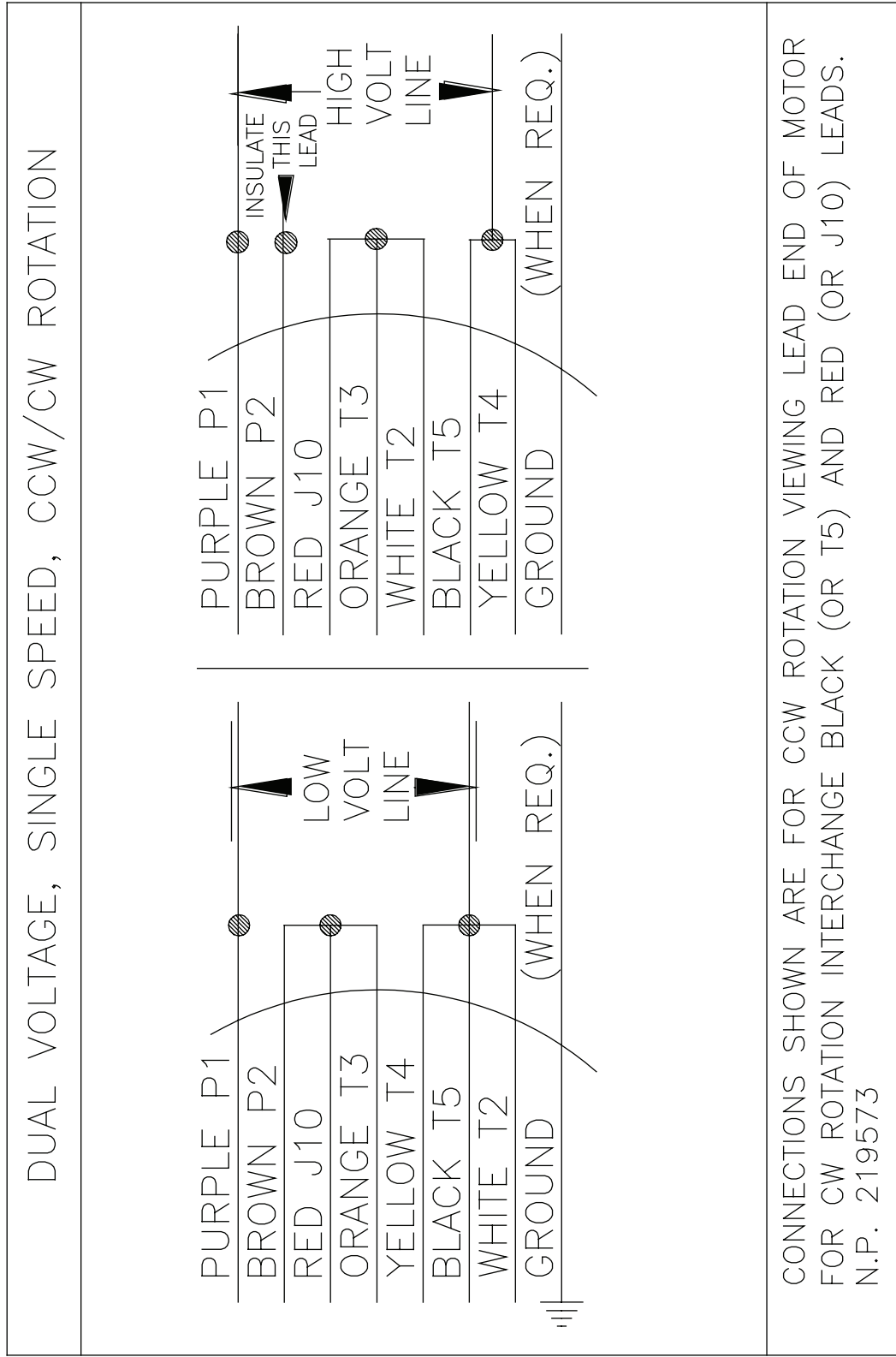
Johnson City, Tennessee 37602-4973

423-477-4131

FAX 423-477-0683

MODEL			 DENOTES ITEM REQUIRED FOR THAT MODEL		
VARIATION			QTY	TPI P/N	DESCRIPTION
-001	-002	-003			
X			1	63978-004	WRAPPER
	X		1	63978-005	WRAPPER
		X	1	63978-006	WRAPPER
X			1	58533-001	FAN BLADE ASSEMBLY
	X		1	58533-002	FAN BLADE ASSEMBLY
		X	1	58533-003	FAN BLADE ASSEMBLY
X			2	63950-010	FAN GUARD
	X		2	63950-011	FAN GUARD
		X	2	63950-012	FAN GUARD
X			1	58551-001	MOTOR
	X		1	58551-002	MOTOR
		X	1	58551-003	MOTOR
X	X	X	2	50200-001	BALL BEARING ASSEMBLY
X	X	X	1	50198-010	SHAFT, FAN BLADE
X	X	X	1	50201-003	BLADE PULLEY
X	X	X	1	40361-010	BELT
X	X	X	1	50270-003	MOTOR PULLEY
X	X	X	1	50270-001	MOTOR PULLEY
X	X	X	4	43899-001	5/16"-18 H.H.C.S.
X	X	X	7	1633	5/16"-18 HEX NUT
X	X	X	1	43956-001	LABEL, WARNING/CAUTION
X	X	X	3	43937-001	EYELET
X	X	X	1	44007-000	HAZARDOUS LOC. J. BOX
X	X	X	2	44006-000	CLOSE NIPPLE
X	X	X	7	43894-001	1/4-20 NYLOC HEX NUT
X	X	X	4	43920-001	RUBBER GROMMETS
X	X	X	2	43903-001	CENTER LOGO STICKER
X	X	X	5	43893-005	1/4"-20 H.H.C.S.
X	X	X	1	43915-001	LABEL, IMPORTANT NOTICE
X	X	X	7	1737	LOCK WASHER
X	X	X	1	44030-001	WIRING DIAGRAM
X	X	X	3	40522-001	FLAT WASHER
X	X	X	12	43621-001	SHEET METAL SCREW
X	X	X	12	4404	WASHER, RUBBER
X	X	X	1	44007-004	3/4" CONDUIT
X	X	X	1	44007-005	3/4" CONDUIT
X	X	X	1	44007-006	3/4" CONDUIT
X	X	X	1	44004-000	ELBOW
X	X	X	4	43674-001	WASHER, FLAT
X	X	X	1	44094-001	1" TO 3/4" REDUCER BUSHNG
X	X	X	1	43755-001	3/4" COUPLING
X	X	X	1	58049-122	LABEL, DATA
X	X	X	1	58049-123	LABEL, DATA
X	X	X	1	58049-124	LABEL, DATA
X	X	X	1	58550-001	CHANNEL BRACE
X	X	X	1	58550-002	CHANNEL BRACE
X	X	X	1	63976-003	TUBE ASSEMBLY
X	X	X	1	63976-002	TUBE ASSEMBLY
X	X	X	1	63976-001	TUBE ASSEMBLY
X	X	X	2	43936-001	SUPPORT PLATE
X	X	X	4	3493	LOCKWASHER
X	X	X	4	41658-002	FLAT WASHER
X	X	X	6	42504-001	BOLT 1/4-20 x 1"
X	X	X	1	58553-001	WIRING ASSEMBLY
X	X	X	12	58499-001	CLIP BRACKET

HAZARDOUS LOCATION FANS WIRING DIAGRAMS



TPI PART NUMBER 44030-000