



Industrial Air Circulator Instructions

For All Suspension Style Portable Direct Drive 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.
- ALWAYS plug fan into a properly rated electrical outlet.
- DO NOT place foreign objects through guards into blades.
- DO NOT allow the unit to become wet or damp.
- DO NOT use this fan with any solid state speed control.

WARNING: To reduce risk of fire or electrical shock or injury to persons, observe the following:

Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.

“NOT SUITABLE FOR USE WITH SOLID-STAT SPEED CONTROLS”

“AVERTISSEMENT; NE CONVIENT PAS A DES REGULATEURS DE VITESSE A SEMI-CONDUCTEURS”

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).

AVERTISSEMENT : POUR RÉDUIRE LE RISQUE D'INCENDIE, D'ÉLECTROCUTION OU DE BLESSURE AUX PERSONNES, OBSERVEZ CE QUI SUIT : N'utilisez pas de pièces de rechange qui n'ont pas été recommandées par le fabricant.

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.

OPERATING INSTRUCTIONS

This unit is equipped with a on/off 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 d-energize the fan if it were to over heat for any reason. If this should happen immediately disconnect unit from the power outlet. If an extension cord is required, use only a 14/3 wire gauge minimum for lengths of up to 50 feet and 12/3 wire gauge for lengths over 50 feet.

INSTALLATION INSTRUCTIONS

This unit is equipped with three (3) fumed eye bolts, attached to the 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 over head mounting applications.

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

FORM: 9905
ECO 1-8027

ASSEMBLY LIST FOR DIRECT DRIVE BLOWERS

MODEL SB 36-D	MODEL SB 42-D	MODEL SB 30-D	 DENOTES ITEM REQUIRED FOR THAT MODEL		
VAR	VAR	VAR	QTY	TPI P/N	DESCRIPTION
-001	-002	-003			
X			1	64013-009	WRAPPER
	X		1	64013-010	WRAPPER
		X	1	64013-006	WRAPPER
X			1	58657-002	FAN BLADE ASSY. 36 IN.
	X		1	58512-001	FAN BLADE ASSY. 42 IN.
			1	58229-004	FAN BLADE ASSY. 30 IN.
X			2	63950-010	FAN GUARD 36 IN.
	X		2	63950-011	FAN GUARD 42 IN.
		X	2	63950-009	FAN GUARD 30 IN.
X			1	58572-001	MOTOR ASSY. 1/3 HP
	X		1	58262-006	MOTOR ASSY. 1/2 HP
		X	1	58262-006	MOTOR ASSY. 1/4 HP
X		X	1	41019-001	CAPACITOR BOOT
X			1	29152-002	CAPACITOR
		X	1	29699-006	CAPACITOR
X		X	1	43942-001	CAPACITOR BRACKET
X			1	58539-103	TUBE ASSEMBLY
	X		1	58133-104	TUBE ASSEMBLY
		X	1	58539-102	TUBE ASSEMBLY
X	X	X	3	43937-001	TURNED EYE BOLT
X	X		1	44263-001	STRAIN RELIEF
		X	1	43882-001	STRAIN RELIEF
X		X	1	44091-001	MOTOR STRAP
X	X		1	58093-002	CORD SET ASSEMBLY
		X	1	58047-001	CORD SET ASSEMBLY
X			1	63255-001	SWITCH, ROCKER SPDT
	X		1	63255-002	SWITCH, ROCKER SPDT
		X	1	58071-001	SWITCH, PULL CHAIN
X	X		2	4418	ROMEX CONNECTOR
X	X		1	41315-001	HANDY BOX
X	X	X	1	58542-001	CHANNEL BRACE
X	X		6	44257-001	SWITCH PLATE COVER
X	X	X	12	44294-001	CLIP