



TJERNLUND PRODUCTS, INC.

1601 Ninth Street • White Bear Lake, MN 55110-6794
PHONE (651) 426-2993 • (800) 255-4208 • FAX (651) 426-9547
Visit our web site • www.tjernlund.com

HIGH PRESSURE DUCT BOOSTER® EXHAUST FANS

M & P SERIES INSTALLATION AND MAINTENANCE INSTRUCTIONS

Please Read And Save These Instructions

Do not connect power supply until the fan is completely installed. Make sure that the circuit serving the fan is switched “OFF” or that the fuse is removed.

This in-line fan may be mounted at any angle from horizontal to vertical.

1. This unit has rotating parts. Safety precautions should be exercised during installation, operation and maintenance.
2. **WARNING:** Do not use these fans in hazardous environments where the fan’s electrical system could provide ignition to combustible or flammable materials.
3. Turn centrifugal impeller by hand to make sure it rotates freely. If the impeller hits the housing, check the screws securing the motor bracket. Adjustments can be made by loosening these screws. Tighten all screws before operating fan.
4. If unit is used in a dryer application it must be periodically inspected. **DISCONNECT POWER SUPPLY,** remove from mounting bracket and remove any lint build up from the impeller, through opening.
5. Ducted fans must always be vented to the outdoors.
6. Install fan at least (5) feet above the floor.
7. **CAUTION:** “For General Ventilation Use Only. Do Not Use To Exhaust Hazardous Or Explosive Materials And Vapors.”

All wiring must be in accordance with local ordinances and the N.E.C.

WARNING: Check voltage of the supply circuit and verify that it corresponds with motor name plate.

GUARDS MUST BE INSTALLED WHEN THE FAN IS WITHIN REACH OF PERSONNEL OR WITHIN SEVEN (7) FEET OF WORKING LEVEL OR WHEN DEEMED ADVISABLE FOR SAFETY.

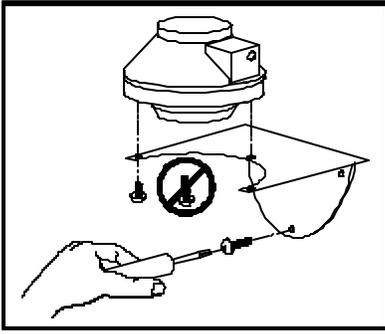
TJERNLUND LIMITED ONE YEAR WARRANTY

Tjernlund Products, Inc. warrants to the original purchaser of this product that the product will be free from defects due to faulty material or workmanship for a period of (1) year from the date of original purchase or delivery to the original purchaser, whichever is earlier. Remedies under this warranty are limited to repairing or replacing, at our option, any product which shall, within the above stated warranty period, be returned to Tjernlund Products, Inc. at the address listed below, postage prepaid. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF, AND TJERNLUND PRODUCTS, INC. EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF THIS PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND NO AGENT IS AUTHORIZED TO ASSUME FOR US ANY LIABILITY ADDITIONAL TO THOSE SET FORTH IN THIS LIMITED WARRANTY. IMPLIED WARRANTIES ARE LIMITED TO THE STATED DURATION OF THIS LIMITED WARRANTY.

Some states do not allow limitation on how long an implied warranty lasts, so that limitation may may not apply to you. In addition, some states do not allow the exclusion or limitation of incidental or consequential damages, so that above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state. Send all inquiries regarding warranty work to Tjernlund Products, Inc. 1601 9th Street, White Bear Lake, MN 55110-6794. Phone (651) 426-2993 • (800) 255-4208 • Fax (651) 426-4957.

M & P SERIES MOUNTING INSTRUCTIONS

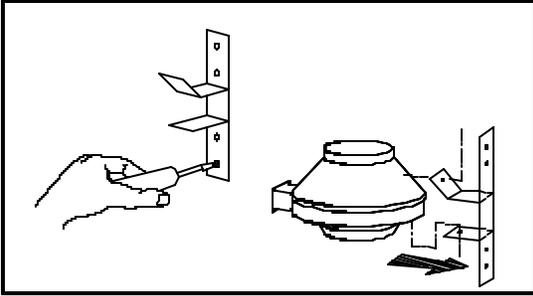
MODELS P-4 & P-6 BRACKET MOUNTING



1. MOUNT BRACKET TO SIDEWALL USING (3) 1" SCREWS.
2. PLACE FAN ON THE TOP OF THE MOUNTING BRACKET AS SHOWN, SCREW (3) REMAINING 1/4" SCREWS INTO PLASTIC HOUSING.

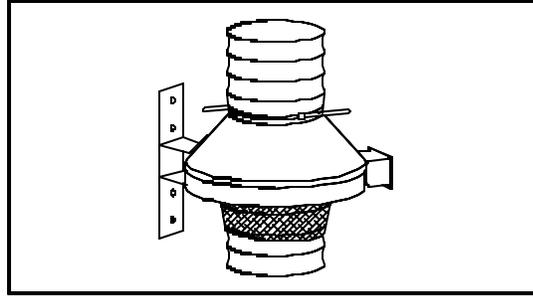
NOTE: MAKE SURE FAN IS SECURE BEFORE OPERATING.

MODELS M-4, M-6, M-8, & P-8 BRACKET MOUNTING



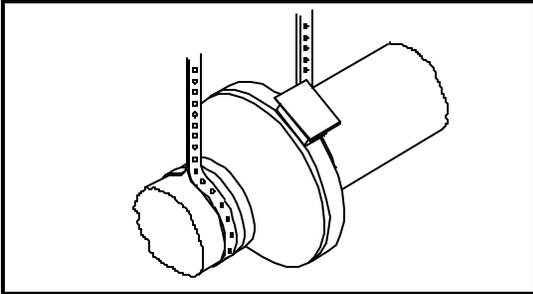
1. INSTALL B-SERIES BRACKET
2. MOUNT FAN TO BRACKET WITH SHEET METAL SCREWS (1" MAX)

CONNECTION WITH FLEX DUCT



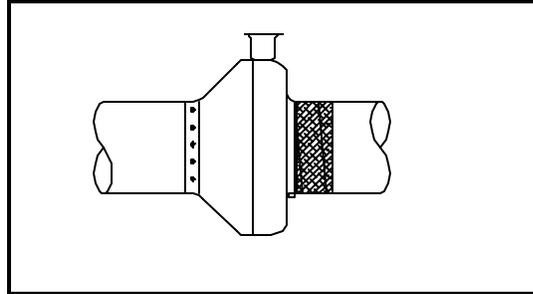
USE NYLON TIES OVER-WRAP WITH DUCT TAPE

MOUNTING WITH PERFORATED STRAP



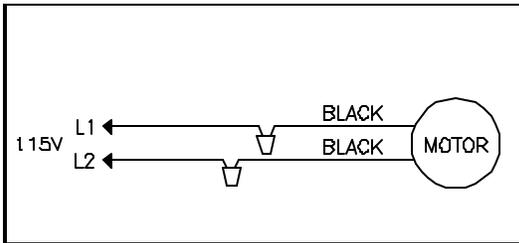
ENCIRCLE WITH PERFORATED PLUMBER'S STRAP & SECURE TIGHTLY

CONNECTION WITH RIGID DUCT

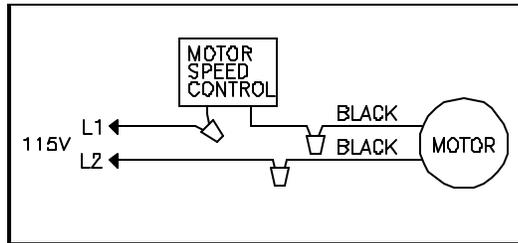


USE SHEET METAL SCREWS (1" MAX) OVER-WRAP WITH DUCT TAPE

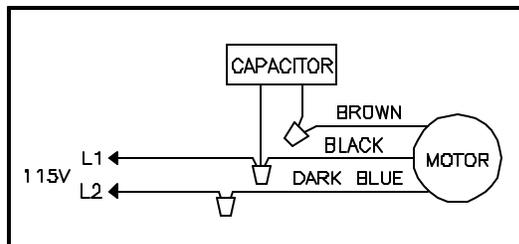
WIRING INSTRUCTIONS FOR M & P SERIES FANS



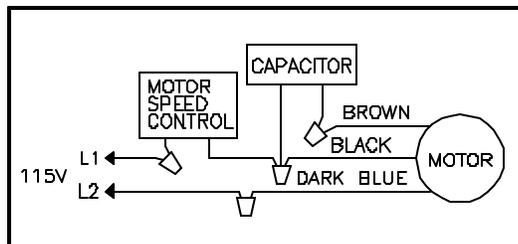
MODELS M-4 & P-4



MODELS M-4 & P-4 WITH SPEED CONTROL



MODELS M-6, M-8, P-6 & P-8



MODELS M-6, M-8, P-6 & P-8 WITH SPEED CONTROL