



INSTALLATION FOR AX & P WALL EXHAUST FANS

WALL OPENING SIZES

The Canarm/LFI P series fans can be mounted either horizontally or vertically. AX-series fans are to be mounted horizontally only. When mounting the AX series fan, the wall opening should be ½" larger than the shutter box size. The P series wall opening should be 1-3/4" larger than the fan blade diameter. Both the AX & P series fans are meant to be installed on the inside of an outside wall; the fan should be centered over the opening and lagged to the wall.

PRE-INSTALLATION CHECK

Prior to installation of a fan, please check carefully for any damage. If damage is found, do not install. Check and tighten all nuts, bolts, set screws, etc., which may have loosened during shipping and handling. Before connecting to the power source, check the motor nameplate, and the power supply, to ensure that they are both rated for the same power supply. Make sure the propeller turns freely without striking the fan frame or any other objects.

AIR EXHAUST AND SUPPLY

The AX series fan is to be used as an exhaust fan only (not suitable for supply air).

The P series fan is primarily used as an exhaust fan, however, the single speed (1700 rpm models) can be set up to act as a supply fan. This is accomplished by mounting the blade opposite to the exhaust configuration and reversing the rotation of the motor. When used as a supply fan, in conjunction with a shutter, the shutter must be motorized. To attach the shutter to the fan, a wall sleeve may be required. For wall opening sizes on P series with sleeve refer to catalogue sheet.

VARIABLE SPEED FANS

Canarm/LFI AX-1V, AX-1HE and P-1V, P-1VHE Series are variable speed or single speed. These are the only models that can be used with a speed controller. When using the AX-1V or AX-1VHE Series with a variable speed controller care should be taken not to reduce the speed to low. If the airflow is reduced significantly the shutters may not open properly. This may cause motor problems. For variable operation, a suitable variable speed control is required.

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OPERATION AND MAINTENANCE FOR AX & P SERIES WALL FANS

REGULAR MAINTENANCE

Fans should periodically be cleaned to remove accumulated dust, dirt, or any other foreign matter. If rust or corrosion is found, the affected area or part should be cleaned and refinished or replaced.

Periodically - check and tighten all nuts, bolts, set screws, etc.

Periodically - check for damage or worn parts and replace.

**** CAUTION ****

All local, provincial or national codes should be checked. Ensure that all wiring, guarding and fan applications comply with all applicable codes. The proper type and class of fan and motor must be used in Explosive/Hazardous Applications.

WARRANTY AND LIMITATION OF LIABILITY

If the products sold hereunder are defective at the time of delivery in material or workmanship and written notice is given to Seller within one year after shipment, Seller, at its option will repair or replace the products, give Buyer an equitable credit, or refund the purchase price for such products determined by Seller to be defective, provided that the products shall not be altered or repaired after shipment to Buyer by anyone except Sellers authorized employees. **SELLER'S TOTAL RESPONSIBILITY SHALL NOT EXCEED THE SALES PRICE OF THE DEFECTIVE PRODUCTS.** **TRANSPORTATION TO RETURN DEFECTIVE PRODUCTS IS TO BE PREPAID.** If Buyer fails to give such notice within one year after shipment, any claims for breach of warranty by Seller shall be barred. Products manufactured by others but furnished by Seller are limited to original manufacturer's warranty. Canarm/LFI Limited assumes no liability for resultant damages, labour and service charges of any kind arising from the use of its products. On equipment furnished by Canarm/LFI Limited but manufactured by others, such as motors, the warranty will be honored by the manufacturer hereof.



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