



CANARM P SERIES SUPPLY PANEL FAN Operation & Instructions Manual



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 1/2" 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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