EPF-LPSM SERIES
HIGH PRESSURE DIRECT DRIVE & LOW PRESSURE EXPLOSION PROOF PANEL MOUNTED EXHAUST FANS

12", 16", 18", 24", 30", 42" & 48" DIA.

This fan is completely assembled, tested and ready for installation when shipped from the factory. It is for general ventilation use only. Do not use to exhaust dirt, dust, grease or lint-laden air.

Vibration or jarring in transit may cause loosening of bolts, nuts and set-screws or misalignment of the propeller. Check these items before installing the fans.

Mount fan only for horizontal or upward discharge (up to vertical). Downward discharge requires addition of a propeller retainer for completely safe operation.

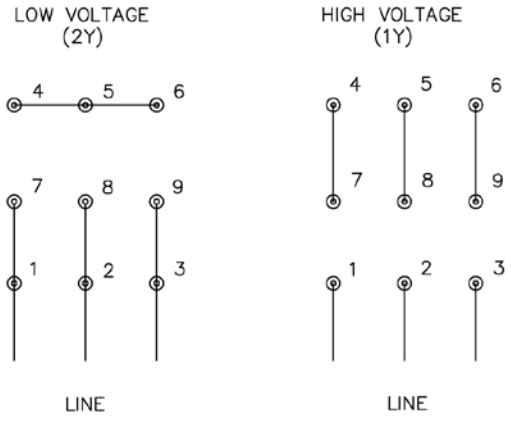
Propeller blades must be cleaned periodically to prevent accumulated dirt from causing unbalance.

LUBRICATION:- Motors are equipped with pre-lubricated ball bearings. The original supply of grease is kept free from dirt, grit or outside contamination by the bearing seals and, under normal operating conditions, does not require replenishment for the life of the bearing.

WARNING: We strongly recommend that only a licensed electrician install this product.

LINE CONNECTIONS:- Connect the motors of all fans according to the diagrams inside the terminal box cover or on the nameplate. **BE SURE TO CONNECT FOR THE VOLTAGE, FREQUENCY AND PHASE TO BE USED.**

Dual-voltage single phase motors are factory-connected for 230 volt lines. Dual-voltage three-phase motors are factory-connected for 460 volt lines. Provide U.L. recognized electrical overload protection not to exceed 125% of the marked input rating of the fan motor.



SAFE INSTALLATION:- The Occupational Safety and Health Act stipulates that when a fan is mounted less than seven(7) feet above the floor or working level, the blades shall be guarded and the guards shall have openings no larger than one-half (½) inch. These fans require supplementary guards when this requirement must be met.

LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com