

Replacement Motor for Single Phase Explosion Proof Fans Instruction Guide

Please follow the steps below in order to properly replace parts on EPF-HPSM series Explosion Proof Air Chillers.

IMPORTANT

READ CAREFULLY BEFORE OPERATING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

WARNING: TO PREVENT IGNITION OF A HAZARDOUS ATMOSPHERE, THE SUPPLY CIRCUIT SHOULD BE DISCONNECTED WHEN INSTALLING OR PERFORMING ANY MAINTENANCE ON THIS UNIT.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT USE ANY SOLID-STATE SPEED CONTROL DEVICE WITH THESE FANS.

WARNING: SUBSTITUTE COMPONENTS MAY IMPAIR EXPLOSION PROOF SAFETY.

WARNING: BEFORE SERVICING OR CLEANING THE UNIT, SWITCH THE POWER OFF AT THE SERVICE PANEL AND LOCK SERVICE PANEL TO PREVENT POWER FROM BEING SWITCHED ON ACCIDENTALLY.

MOTOR REPLACEMENT

1. Switch power off at the service panel and lock service panel to prevent power from being switched on accidentally. It is recommended to disconnect fan and dismount.
2. Remove propeller from motor. Loosen the set screws from front and slide propeller out.
3. Remove old motor.
4. Attach new motor. Align the motor to previous holes.
5. Attach propeller to new motor and tighten set screws. Ensure fan blade is secure before powering.



Caution: Handle the propeller carefully as it is factory balanced and aligned to ensure smooth operation. Do not use a hammer to force the propeller onto shaft. It should fit snugly, but not so tight that it will not slide on by the pressure of your hand.

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.