Replacement Spare Parts for EPF-AC-24 Series
Instruction Guide

Please follow the steps below in order to properly replace parts on EPF-AC-30 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 US 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.

FAN BLADE REPLACEMENT (**EPF-AC-24-SP1106**)

1. Remove front half of guard. Use a screwdriver or other tool to remove the wire tabs holding this in place.
2. Remove propeller from motor. Loosen the two set screws and slide propeller out.
3. Attach new propeller to motor. Align the two motor flats and tighten the two set screws. Allow ¾" clearance between propeller hub and motor so there is no rubbing while fan is operating.

Caution: *Handle the propeller very carefully because it is perfectly 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 you hand.*

4. Attach front half of guard. Spring wire tabs to hold in place using a screwdriver or other tool.

Note: *For best fit, position the hooks on the front guard midway between the radial wires of the rear guard.*

FAN CAGE REPLACEMENT (**EPF-AC-24-SP1107**)

1. Remove front half of guard. Use a screwdriver or other tool to remove the spring wire tabs holding this in place.
2. Remove propeller from motor. Loosen the two set screws and slide propeller out.
3. Loosen the bolts holding the rear half of guard to motor.
4. Remove old rear half of guard and set aside.
5. Install new rear half of guard and secure with bolts removed earlier.
6. Attach propeller to motor. Align the two motor flats and tighten the two set screws. Allow ¾" clearance between propeller hub and motor so there is no rubbing while fan is operating.

Caution: *Handle the propeller very carefully because it is perfectly 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 you hand.*

7. Attach front half of guard. Spring wire tabs to hold in place using a screwdriver or other tool.

Note: *For best fit, position the hooks on the front guard midway between the radial wires of the rear guard.*

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.