

**UMA Series  
Uni-Lift® Motor Adaptors**

L2969 Rev. A 04/10

**1.0 IMPORTANT RECEIVING INSTRUCTIONS**

Visually inspect all components for shipping damage. Shipping damage is **not** covered by warranty. If shipping damage is found, notify carrier at once. The carrier is responsible for all repair and replacement costs resulting from damage in shipment.

**2.0 SAFETY**



**WARNING:** Lockout power to electric motor (or other prime mover) before installing the motor adaptor or before performing any adjustments, maintenance or repairs. Be certain that the motor cannot be automatically started. Failure to observe these precautions may result in serious personal injury or death!

- Follow appropriate safety precautions to avoid personal injury or property damage during motor adaptor installation. Enerpac cannot be responsible for damage or injury resulting from unsafe product use, lack of maintenance or incorrect product and/or system operation.
- Stay clear of moving and rotating parts in the Uni-Lift® system. Install guards as required (See additional information in Section 3.0).
- Contact Enerpac before incorporating Uni-Lift® products into a man lift or other people moving device (special design requirements apply).

**3.0 INSTALLATION**

- Ensure that the electric motor (sold separately) is properly sized for the Uni-Lift® actuator model being used. Be sure that the motor is specified in accordance with the stated requirements contained in the *Enerpac Uni-Lift® Actuators Catalog #E500*.
- Be certain that the motor adaptor is securely bolted to the Uni-Lift® actuator. Tighten to standard torque for the bolt size used.
- A coupling is included with the motor adaptor. Be certain that the coupling is properly installed.
- Check that the electric motor is securely mounted and properly aligned. The motor adaptor flange is designed for a NEMA C-Face motor.
- Be sure that electric motor is properly wired and grounded in accordance with all applicable codes and regulations. Allow only trained and qualified electricians to install and wire the electric motor and other related electrical equipment.
- Install limit switches (sold separately) as required.

**IMPORTANT:** Enerpac recommends the use of limit switches or other appropriate controls to stop the motor when the actuator has reached its fully extended or retracted position. The use of solid mechanical stops alone is not recommended. Their continued use can cause severe damage to the Uni-Lift® actuator and other components in the system. Limit switches are available from Enerpac as accessories.



(Typical installation - motor and limit switch not included.)

- Comply with and adhere to all applicable safety codes for your area, such as: building codes, elevator codes, AISC Steel Construction specifications, and applicable regulations and standards (including OSHA Title 29, Chapter 1910-219 and ANSI B15.1). **Note:** Applicable safety codes, regulations and standards will vary depending on country and local requirements.
- Test for proper operation before placing the Uni-Lift® system into service. Check for any indications of misalignment, binding or loose components.
- Install guards (customer supplied) over moving or rotating parts as required.



**WARNING:** Failure to install guards as required may result in serious personal injury or death.

- Contact Enerpac or your Enerpac distributor there are any questions or concerns regarding installation of the motor adaptor or related equipment.

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All Enerpac products are guaranteed against defects in workmanship and materials for as long as you own them. For your nearest authorized Enerpac Service Center, visit us at [www.enerpac.com](http://www.enerpac.com)