



## Vacuum Rated Motor Handling Instructions

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## 1. Preparation Before Opening

- **Inspect packaging** for any visible damage during shipping. Report if the packaging is compromised.
- **Ensure a clean environment** for unpacking to avoid contamination of motor components.

## 2. Unpacking the Motor

- **Wear clean gloves** to prevent oil, dirt, or fingerprints from contaminating the motor surfaces.
- **Avoid exposure to dust** and other contaminants. Keep the work area clean.

## 3. Initial Inspection

- **Check for visual damage** (e.g., dents, cracks, scratches) that may have occurred during shipping.
- **Verify all seals and connectors** are intact.
- **Inspect the motor shaft** for any corrosion or debris. Rotate the shaft by hand to ensure it moves smoothly.

## 4. Handling Guidelines

- **Do not remove any protective covers** (plugs, caps, etc.) until installation. This prevents contamination.
- **Minimize exposure to open air.** If the motor must be left unpackaged for a period, cover it with a clean, lint-free cloth or plastic wrap.
- **Avoid touching exposed motor components** such as bearings and shafts directly with your hands.

## 5. Installation Procedures

- **Clean the mounting surface** to prevent contamination between the motor and mounting point.
- **Ensure proper alignment** when mounting the motor to prevent stress on the shaft and bearings.

## 6. Environmental Considerations

- **Avoid exposing the motor to moisture** or humidity prior to installation in the vacuum system.

- **Maintain a controlled environment.** Ideally, keep the motor in a clean room or similar contamination-free area until installation.

## 7. Maintenance & Storage

- **If storing the motor for future use,** reseal it in its original packaging or a clean, air-tight container.
- **Periodically inspect** the motor if left unused for long periods to ensure no contamination has occurred.

## 8. Important Notes:

- **Avoid exposure to oils, greases, or contaminants** unless specified by the manufacturer.
- **Handle all vacuum-rated components** with extreme care to prevent damage that could affect performance in a vacuum environment.
- **Follow the manufacturer's guidelines** for electrical connections, lubrication, and any specific requirements.

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For any questions or concerns, contact our technical support team for assistance:



<https://www.linengineering.com/about/contact-us>

**Thank you for choosing our Vacuum-Rated Motors!**

