

Lamp HG-CV65

# LAMP HG-CV65 Clean Room Hinge Instruction Manual

Model: HG-CV65

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the LAMP HG-CV65 Clean Room Hinge. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

The LAMP HG-CV65 is a high-quality lift-off hinge designed for applications requiring specific environmental controls, such as clean rooms. It features a durable bronze material with an alumite finish, offering a load capacity of 17.5 lbs. Its design allows for a 180-degree range of motion and is suitable for right-hand orientation doors.

## 2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) during installation.
- Ensure the mounting surface is stable and capable of supporting the hinge and door weight.
- Do not exceed the specified load capacity of 17.5 lbs.
- Handle the hinge carefully to avoid damage to the finish or components.

## 3. PRODUCT SPECIFICATIONS

Model	HG-CV65
Material	Bronze
Finish	Alumite (Unfinished)
Load Capacity	17.5 lbs
Mounting Type	Full Surface / Face Mount
Holes per Leaf	2

Range of Motion	180 Degrees
Orientation	Right Hand
Door Leaf Height	2 9/16 inches
Frame Leaf Height	2 9/16 inches
Product Dimensions	2.7 x 1.6 x 0.7 inches
Item Weight	1 pound

## 4. PACKAGE CONTENTS

- 1 x LAMP HG-CV65 Clean Room Hinge
- Mounting Hardware (screws)

## 5. SETUP AND INSTALLATION

The LAMP HG-CV65 is a full surface, right-hand orientation lift-off hinge. Proper installation is crucial for optimal performance.

### 5.1 Tools Required

- Screwdriver (appropriate for mounting hardware)
- Measuring Tape
- Pencil or Marker
- Drill (if pre-drilling is necessary for mounting surface)

### 5.2 Installation Steps

1. **Prepare the Door and Frame:** Ensure both the door and the door frame surfaces are clean, flat, and free from obstructions where the hinge will be mounted.
2. **Position the Hinge:** For a right-hand orientation, position the hinge leaf with the pin facing upwards on the door frame, and the other leaf on the door. The hinge is designed to lift off, meaning the door can be removed by lifting it vertically off the pin.
3. **Mark Mounting Points:** Hold the hinge firmly in the desired position. Use a pencil or marker to accurately mark the locations for the mounting screws through the pre-drilled holes on both hinge leaves.
4. **Pre-drill Pilot Holes (if necessary):** Depending on the door and frame material, it may be necessary to pre-drill pilot holes at the marked locations. Ensure the pilot holes are of appropriate size to prevent splitting and allow for secure screw insertion.
5. **Attach Hinge to Frame:** Secure one leaf of the hinge to the door frame using the provided mounting hardware. Ensure it is level and tightly fastened.
6. **Attach Hinge to Door:** Align the second leaf of the hinge with the marked positions on the door. Secure it using the provided mounting hardware.
7. **Test Operation:** Carefully open and close the door to ensure smooth operation and proper alignment. Verify that the door can be lifted off the hinge pin if required.



Figure 1: LAMP HG-CV65 Clean Room Hinge. This image shows the hinge in its open position, highlighting the two leaves, the central pin, and the four screw holes on each leaf for full surface mounting.

## 6. OPERATION

The LAMP HG-CV65 hinge is designed for simple and reliable operation. Once installed, the door will pivot smoothly on the hinge pin, allowing for a 180-degree range of motion.

- **Opening/Closing:** Apply gentle force to open or close the door. Avoid slamming the door, as this can cause premature wear.
- **Lift-Off Feature:** To remove the door, lift it vertically upwards until it clears the hinge pin. This feature is useful for maintenance or temporary removal of the door.

## 7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your LAMP HG-CV65 hinge.

- **Cleaning:** Periodically wipe the hinge surfaces with a soft, damp cloth. For clean room environments, use approved cleaning agents and procedures. Avoid abrasive cleaners or solvents that could damage the alumite finish.
- **Lubrication:** The hinge features a bushing design for smooth operation. If any squeaking or stiffness occurs, a small amount of dry lubricant (e.g., PTFE-based spray) can be applied to the pin and bushing areas. Avoid oil-based lubricants in clean room settings unless specifically approved.
- **Fastener Check:** Annually, or as needed, check all mounting screws for tightness. Re-tighten any loose screws to prevent hinge sag or misalignment.
- **Inspection:** Inspect the hinge for any signs of wear, damage, or corrosion. Replace the hinge if significant damage is observed.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Door squeaks when opening/closing.	Lack of lubrication on hinge pin/bushings.	Apply a small amount of dry lubricant to the hinge pin and bushings.
Door sags or does not close properly.	Loose mounting screws or hinge misalignment.	Check and tighten all mounting screws. Re-align the hinge if necessary.
Door is difficult to lift off.	Obstruction or hinge binding.	Inspect for any obstructions. Ensure the hinge is not bent or damaged. Lubricate if stiffness is due to friction.


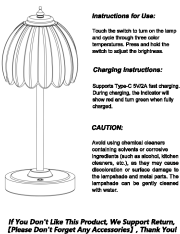
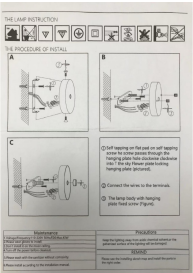
9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your LAMP HG-CV65 Clean Room Hinge, please contact your authorized dealer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: LAMP



Related Documents - HG-CV65

	<p><a href="#">Installation Guide for TL-1R-L3M Touch Control Lamp</a></p> <p>This installation guide provides details for the TL-1R-L3M lamp, highlighting its touch control, 3-way dimmable features, USB C+A charging ports, and power input specifications.</p>
	<p><a href="#">Decorative Lamp User Guide: Instructions, Charging, and Care</a></p> <p>Concise user guide for a decorative table lamp, detailing operation, three color temperature settings, brightness adjustment, Type-C fast charging, and cleaning precautions. Includes information on returns and accessories.</p>
	<p><a href="#">The Lamp Installation Instructions: Step-by-Step Guide</a></p> <p>Comprehensive guide for installing your new lamp, covering the installation procedure, essential maintenance tips, and important safety precautions. Features clear instructions for wiring and mounting.</p>

