

Installation and Maintenance

Installation for: *HL-COR Series*

Important Safeguards

When Using Electrical Equipment, Basic Safety Precautions Must Always Be Followed, including the following:

Do Not Use This Product For Other Than Intended Use.

Caution: Service Must Be Performed By Qualified Service Personnel.

Do Not Install This Product Near Gas or Electric Heaters.

Use of Accessory Equipment Not Recommended by the Manufacturer May Cause an Unsafe Condition.

Read and Follow All Safety Instructions

1. Installation must be performed by qualified Service personnel.
2. Verify the ratings and markings of this fixture with the environment requirements.
3. With fixture body resting face up on a stable surface, open doorframe and remove internal reflector.
4. Locate mounting holes and supply knockout locations in the rear and side housing surfaces. (4 each provided.).
5. **For Hazardous Locations:**
 - A.) Select **One** knockout for supply connection. Locate internal plate inside fixture covering the selected knockout and remove using a screwdriver. Pry plate free of housing surface and remove sealant from area.
6. Create the Supply entrance hole in the housing by removing the revealed knockout using a screwdriver. Use only the one Meyers ST-1 hub provided.
7. Remove all debris from the inside of the fixture.
8. Attach Meyers ST-1 Hub to hole from outside being sure that the gasket mates with the outer surface of the fixture. Tighten securely to housing using the nut provided.
9. Locate mounting surface capable of reliably supporting more than the weight of the fixture according to applicable building codes.
10. Secure fixture to mounting surface using minimum (4) 1/4-20 bolts with washers. This and all other hardware should be stainless steel if installed in a wet or damp location.
11. Rough in supply connections according to the NEC and local requirements using minimum 90C supply wiring materials.
12. Remove any protective films from the outer surfaces as provided. (Do not use water.)
13. Replace reflector and secure reflector.
14. Install only the rated lamps. (See marking inside fixture for appropriate lamp type.)
15. Secure Doorframe hinge cables to housing using two studs and nuts provided
16. Secure doorframe using Phillips screwdriver.
17. Energize fixture with rated voltage from a protected branch circuit. Please note: Fixture may be internally fused. Always replace fuses with the same exact model fuse.
18. Do Not Open or Service Fixture While Energized. Always Disconnect Power from supply before servicing.
19. Do Not Operate Fixture when damaged or not completely sealed.
20. For warranty or service information contact your customer service representative at 1-800-837-8937.

Installation and Maintenance

Stainless Steel Maintenance

This fixture is designed to give long lasting service without periodic attention. Stainless steel under most exposures will not rust. However for appearance sake, some exterior surface cleaning may be required and should be performed according to the following instructions: (*Exposures that will damage or rust stainless steel usually contain acids. Acids effect all metals of any type. Fortunately most applications do not use acids in process. Either way the cleaning method is the same.*)

1. Turn off the power and lock out the circuits that supply the fixtures to be cleaned.
2. Provide eye protection for all those involved in or near this procedure.
3. Gloves are to be worn during the cleaning process.
4. Protect the surfaces below the fixtures.
5. Use all lift equipment only according to their instructions.
6. Clean using the proper method below:
 - a. **For Satin Polished Stainless Steel:** Removal of surface mineral deposits and dirt from the stainless steel surfaces should be performed using a wiping motion in the direction of the polished satin grain. To aid in the removal of mineral deposits use common household cleanser, chrome polish **or** Naval Jelly on a clean cloth or pad.
 - b. **For Mill Finish Stainless Steel (not polished or brushed):** If appearance is not important scrubbing with a 3M nylon abrasive pad* by hand will loosen even stubborn rust stains. The abrasive pads are available in several grits. Use the finest grit that effectively removes deposits.
 - c. **For Painted Stainless Steel:** Ordinary household cleaners are able to remove almost all stains from our powder coated stainless surfaces. Do not use abrasive cleaners or naval jelly or damage to the finish might occur.
7. The last step in any cleaning process is to rinse with clear water.

Remember to use gloves with Naval Jelly and Do Not to mix it with any other agent. Naval Jelly is caustic and will cause burns to skin and eyes. Always read and follow all instructions and cautionary statements found on your cleaning product.

The cleaning pad are commercially available from local hardware stores or McMaster-Carr using the part numbers below.

Clean/Scour (Very Fine)	96	Green	For removing light stains, corrosion, and oxidation.	20	46365A31
All Purpose (Very Fine)	7447	Maroon	More abrasive than Clean/Scour. For light deburring and general cleaning.	20	46365A33

(Optional)

In order to minimize or eliminate appearance problems: When the exterior metal surface is clean, coat the surface with a commercially available stainless steel treatment. *This step may aid in future cleaning and prolong the time between cleaning.*