



Hatco Glo-Rite HL Series Display Lights Installation Guide

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Hatco Glo-Rite HL Series Display Lights



WARNING

Do not operate this equipment unless you have read and understood the contents of this manual! Failure to follow the instructions contained in this manual may result in serious injury or death. This manual contains important safety information concerning the maintenance, use, and operation of this product. If you're unable to understand the contents of this manual, please bring it to the attention of your supervisor. Keep this manual in a safe location for future reference. English = p 2.

IMPORTANT OWNER INFORMATION

Record the model number, serial number, voltage, and purchase date of the unit in the spaces below (specification label located on the front of the unit). Please have this information available when calling Hatco for service assistance.

- **Model No.** _____
- **Serial No.** _____
- **Voltage** _____
- **Date of Purchase** _____

Register your unit!

Completing online warranty registration will prevent delays in obtaining warranty coverage. Access the Hatco website at www.hatcocorp.com, select the Support pull-down menu, and click on "Warranty".

Business Hours:

7:00 AM to 5:00 PM Monday–Friday, Central Time (CT) (Summer Hours: June to September— AM7:00 to 5:00 PM Monday–Thursday AM7:00 to 4:00 PM Friday).

- **Telephone:** 800-558-0607; 414-671-6350
- **E-mail:** support@hatcocorp.com

24-Hour 7-Day Parts and Service Assistance is available in the United States and Canada by calling 800-558-0607. Additional information can be found by visiting our website at www.hatcocorp.com.

INTRODUCTION

Hatco Glo-Rite® Display Lights are durable and effective light strips ideal for use in food preparation, holding and display areas. The lights are made of extruded aluminum housings with bright annealed reflectors for maximum brightness and feature shatter-resistant incandescent lights. Each unit comes equipped for mounting and electrical hook-up along with a Power I/O (on/off) switch for operator control.

Hatco Display Lights are products of extensive research and field testing. The materials used were selected for maximum durability, attractive appearance, and optimum performance. Every unit is inspected and tested thoroughly prior to shipment. This manual provides the installation, safety, and operating instructions for Display Lights. Hatco recommends all installation, operating, and safety instructions appearing in this manual be read prior to installation or operation of a unit.

Safety information that appears in this manual is identified by the following signal word panels:

- **WARNING** indicates a hazardous situation that, if not avoided, could result in death or serious injury.
- **CAUTION** indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.
- **NOTICE** is used to address practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

Read the following important safety information before using this equipment to avoid serious injury or death and to avoid damage to equipment or property.

WARNING

ELECTRIC SHOCK HAZARD:

- Unit must be installed by a qualified electrician. Installation must conform to all local electrical codes. Installation by unqualified personnel will void unit warranty and may lead to electric shock or burn, as well as damage to unit and/or its surroundings.
- Consult a licensed electrical contractor for proper electrical installation conforming to local electrical codes and the National Electrical Code (N.E.C.).
- Turn OFF the power at the fused disconnect switch/circuit breaker and allow the unit to cool before performing any cleaning, adjustments, or maintenance.
- DO NOT submerge or saturate with water. The unit is not waterproof. Do not operate if the unit has been submerged or saturated with water.
- Do not clean the unit when it is energized or hot.
- Unit is not weatherproof. Locate the unit indoors where the ambient air temperature is a minimum of 70°F (21°C).
- Do not steam clean or use excessive water on the unit.
- This unit is not "jet-proof" construction. Do not use a jet-clean spray to clean this unit.
- This unit must be serviced by qualified personnel only. Service by unqualified personnel may lead to electric shock or burn.
- Use only Genuine Hatco Replacement Parts when service is required. Failure to use Genuine Hatco Replacement Parts will void all warranties and may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn. Genuine Hatco Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in Hatco equipment.

FIRE HAZARD:

Locate the unit at the correct distance from combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur.

WARNING

- **EXPLOSION HAZARD:** Do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- Make sure all operators have been instructed on the safe and proper use of the unit.
- This unit is not intended for use by children or persons with reduced physical, sensory, or mental capabilities. Ensure proper supervision of children and keep them away from the unit.
- Use only light bulbs that meet or exceed National Sanitation Foundation (NSF) standards and are specifically designed for food-holding areas. Breakage of light bulbs not specially-coated could result in personal injury and/or food contamination.
- This unit has no “user-serviceable” parts. If service is required on this unit, contact an Authorized Hatco Service Agent or contact the Hatco Service Department at 800-558-0607 or 414-671-6350.

CAUTION

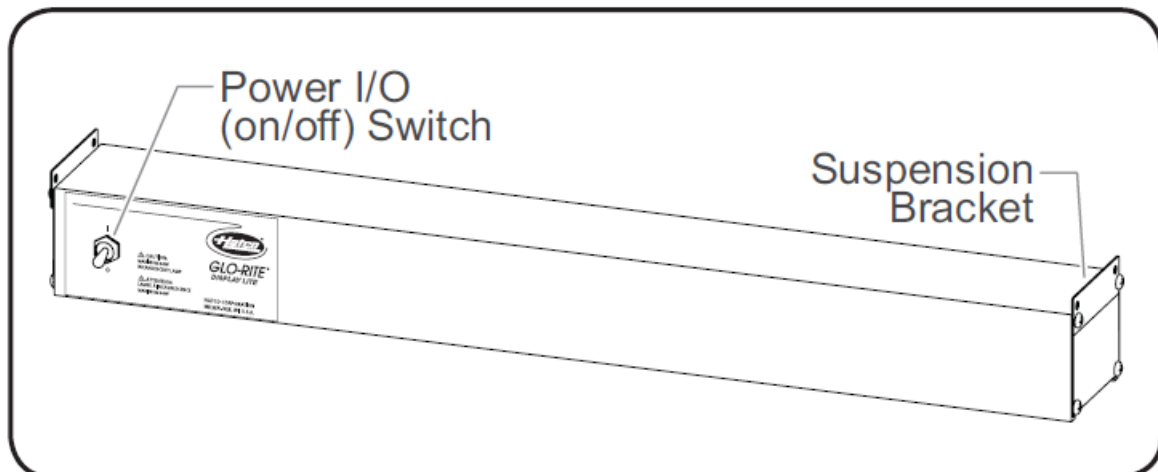
Standard and approved manufacturing oils may smoke up to 30 minutes during initial startup. This is a temporary condition. Operate unit without food product until the smoke dissipates.

NOTICE

Use non-abrasive cleaners and cloths only. Abrasive cleaners and cloths could scratch the finish of the unit, marring its appearance and making it susceptible to soil accumulation.

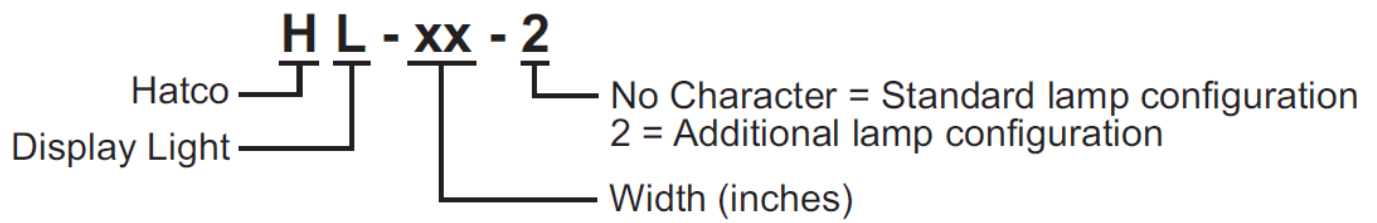
MODEL DESCRIPTION**All Models**

Glo-Rite® Display Lights are specially designed to give long-lasting, trouble-free service. The lights are made of extruded aluminum housings and feature bright annealed reflectors for maximum brightness. Each unit comes equipped for mounting and electrical hook-up along with a Power I/O (on/off) switch for operator control. Models are available in lengths from 18" (457 mm) to 72" (1829 mm) and are available with additional lamp assemblies for greater illumination. An adjustable angle mounting bracket is also available. Display Lights come standard with shatter-resistant incandescent light bulbs to enhance product display while safeguarding food products from bulb breakage.



Glo-Rite Display Lights

MODEL DESIGNATION



SPECIFICATIONS

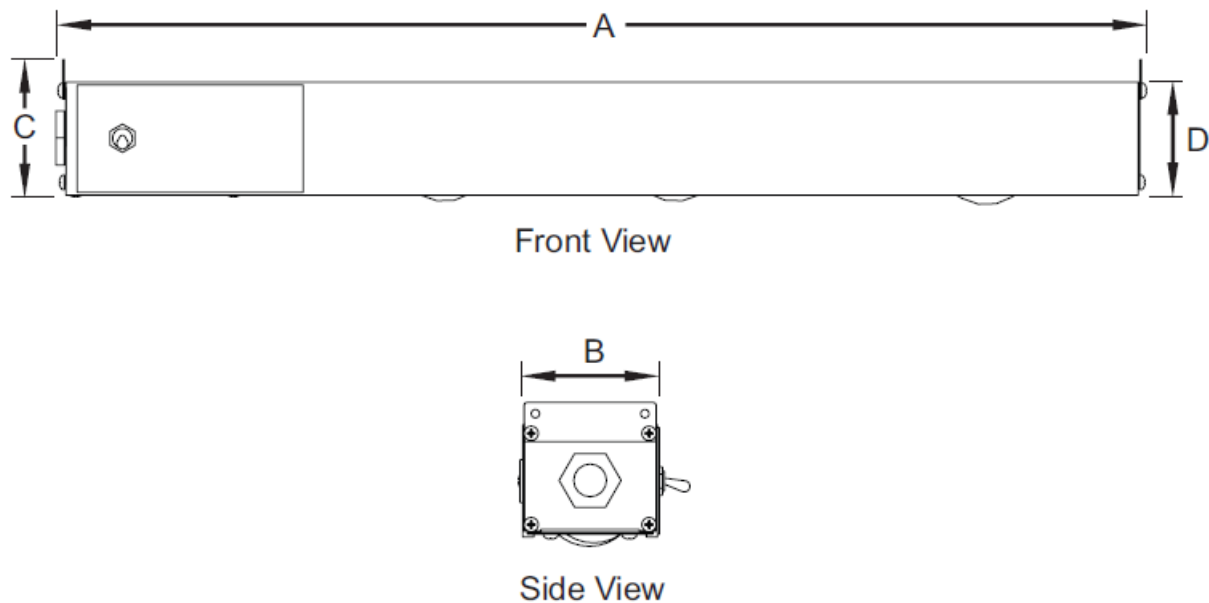
Electrical Rating Chart

Model	Voltage	Watts	Amps	Total Lamps	Shipping Weight
HL-18	120	120	1.0	2	6 lbs. (3 kg)
HL-24	120	120	1.0	2	7 lbs. (3 kg)
HL-24-2	120	180	1.5	3	7 lbs. (3 kg)
HL-30	120	120	1.0	2	7 lbs. (3 kg)
HL-30-2	120	240	2.0	4	7 lbs. (3 kg)
HL-36	120	180	1.5	3	8 lbs. (4 kg)
HL-36-2	120	300	2.5	5	8 lbs. (4 kg)
HL-42	120	180	1.5	3	10 lbs. (5 kg)
HL-42-2	120	360	3.0	6	10 lbs. (5 kg)
HL-48	120	240	2.0	4	11 lbs. (5 kg)
HL-48-2	120	420	3.5	7	12 lbs. (5 kg)
HL-54	120	240	2.0	4	12 lbs. (5 kg)
HL-54-2	120	480	4.0	8	13 lbs. (6 kg)

HL-60	120	300	2.5	5	13 lbs. (6 kg)
HL-60-2	120	540	4.5	9	14 lbs. (6 kg)
HL-66	120	300	2.5	5	14 lbs. (6 kg)
HL-66-2	120	600	5.0	10	15 lbs. (7 kg)
HL-72	120	360	3.0	6	15 lbs. (7 kg)
HL-72-2	120	600	5.0	10	16 lbs. (7 kg)

Dimensions

Model	Width (A)	Depth (B)	Height (C)	Height (D)
HL-18	18" (457 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-24 HL-24-2	24" (610 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-30 HL-30-2	30" (762 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-36 HL-36-2	36" (914 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-42 HL-42-2	42" (1067 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-48 HL-48-2	48" (1219 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-54 HL-54-2	54" (1372 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-60 HL-60-2	60" (1524 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-66 HL-66-2	66" (1676 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)
HL-72 HL-72-2	72" (1829 mm)	3" (76 mm)	3" (76 mm)	2-1/2" (64 mm)



INSTALLATION

General

Use the information in this section to prepare for the installation of a Glo-Rite® Display Light.

WARNING

ELECTRIC SHOCK HAZARD:

- Unit must be installed by a qualified electrician. Installation must conform to all local electrical codes. Installation by unqualified personnel will void unit warranty and may lead to electric shock or burn, as well as damage to unit and/or its surroundings.
- Consult a licensed electrical contractor for proper electrical installation conforming to local electrical codes and the National Electrical Code (N.E.C.).

FIRE HAZARD:

Locate the unit at the correct distance from combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur.

1. Remove the unit from the carton.

NOTE: To prevent delay in obtaining warranty coverage, complete online warranty registration. See the IMPORTANT OWNER INFORMATION section for details.

2. Remove tape and protective packaging from all surfaces of the unit.
3. Install/mount the unit in an appropriate location.
 - For suspension installation, refer to “Suspension Mounting” in this section.
 - For permanent unit installation, refer to “Adjustable Angle Bracket Mounting” in this section.

Suspension Mounting

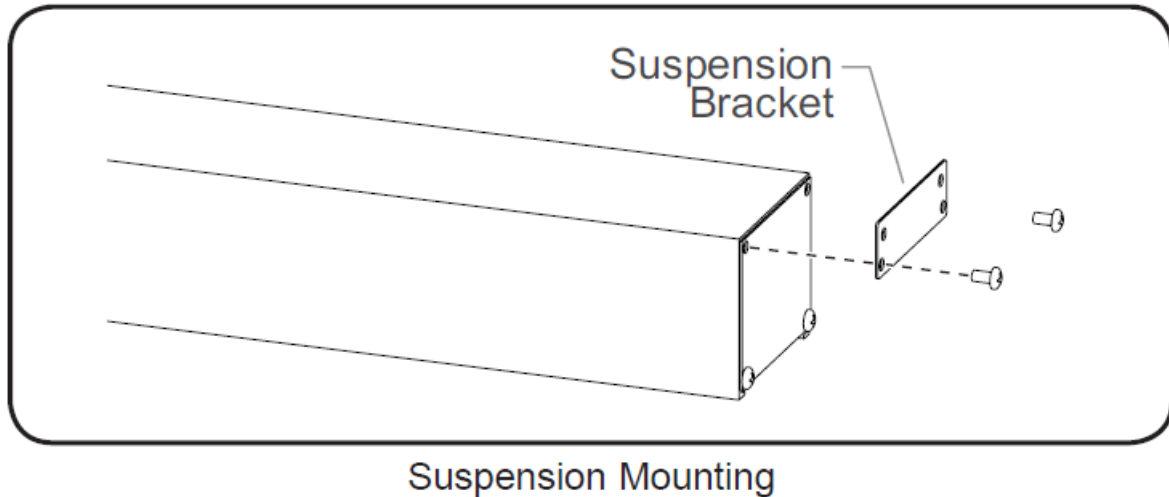
Suspension mounting attaches a display light to an overhead surface determined by a qualified installer.

WARNING

For installation with chains, make sure the chains have sufficient strength and are securely fastened to both the

unit and the mounting location. Poorly installed chains may cause the unit to loosen and fall. Do not place anything on top of units installed with chains.

1. Prepare the overhead mounting system for suspension mounting. Make sure the system is secure and is set up so the unit will be suspended at a level, safe, and proper distance from walls, counters, and food.
2. Suspend the unit using the two suspension holes on both of the suspension brackets.
3. Carefully lift the unit and attach each end of the unit to the overhead mounting system. Make sure the unit is level.

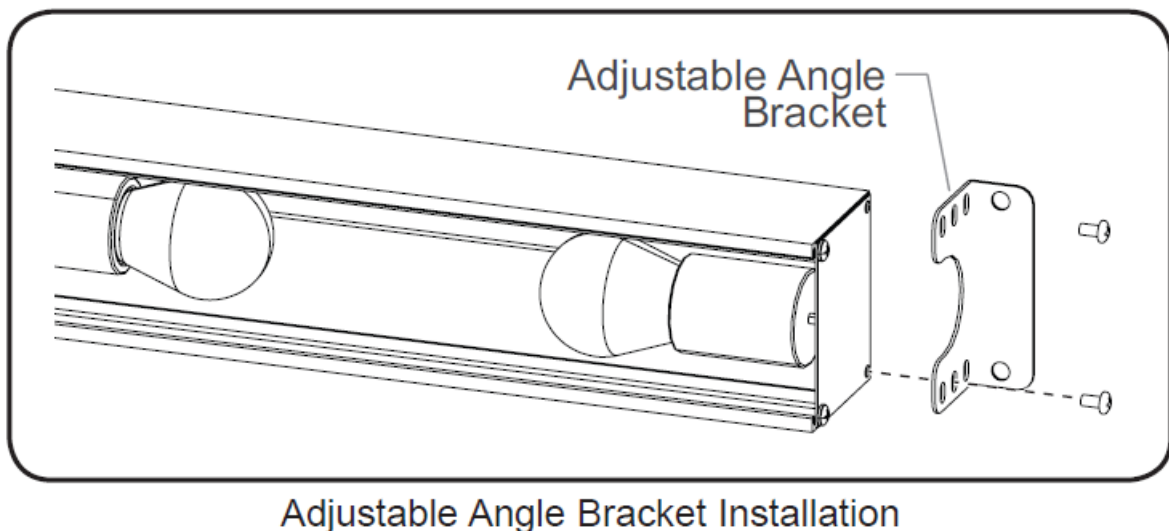


Adjustable Angle Bracket Mounting

Mounting a display light with adjustable angle brackets permanently attaches the unit to the underside of a shelf. Units can be mounted to a flat shelf or a shelf with rolled/flanged edges.

Use the following procedure to install adjustable angle brackets on each end of the unit.

1. Position the unit on a flat surface on its side with the Power I/O (on/off) switch facing up.
2. Remove the two top screws on the end of the unit.
3. Align the adjustable angle bracket with the mounting holes.
4. Secure the angle bracket with the previously removed screws.
5. Fasten the angle brackets to the underside of the shelf using appropriate fasteners (not supplied by Hatco).



Electrical Information

Hatco provides a 1/2" (12 mm) trade size knockout opposite the Power I/O (on/off) switch, 6" (152 mm) long pigtail

wire leads, and a separate grounding terminal in the wiring compartment.

For correct installation, provide supply wires rated for at least 194°F (90°C) from a properly sized fused disconnect or circuit breaker conforming to local electrical codes. Use UL-recognized wire nuts rated for at least 194°F (90°C) and properly sized for connection. Consult a local licensed electrical contractor if you have any questions on proper installation. Refer to the Electrical Rating Chart for specific information.

OPERATION

General

Use the following information to operate a Display Light.

WARNING

Read all safety messages in the IMPORTANT SAFETY INFORMATION section before operating this equipment.

CAUTION

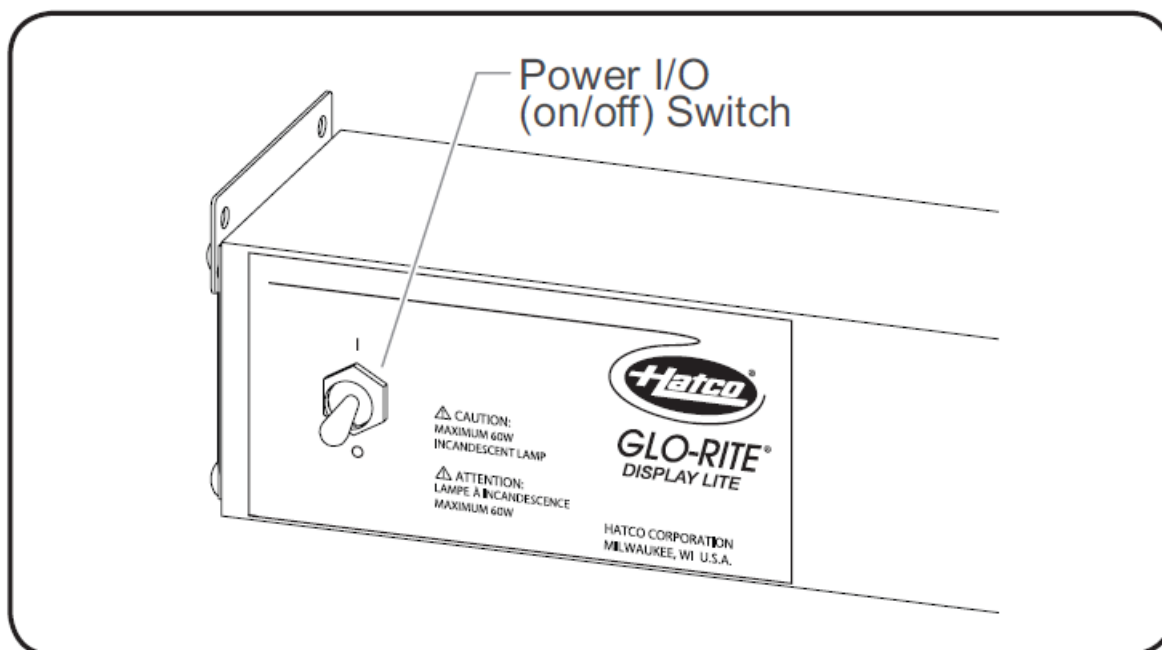
Standard and approved manufacturing oils may smoke up to 30 minutes during initial startup. This is a temporary condition. Operate unit without food product until smoke dissipates.

Startup

1. Move the Power I/O (on/off) switch to the I (on) position. The display lights will illuminate.

Shutdown

1. Move the I/O (on/off) switch to the O (off) position.
2. Perform the “Daily Cleaning” procedure in the MAINTENANCE section of this manual.



Controls

MAINTENANCE

General

Display Lights are designed for maximum durability and performance with minimum maintenance.

WARNING

ELECTRIC SHOCK HAZARD:

- Turn OFF the power at the fused disconnect switch/circuit breaker and allow the unit to cool before performing any cleaning, adjustments, or maintenance.
- DO NOT submerge or saturate with water. The unit is not waterproof. Do not operate if the unit has been submerged or saturated with water.
- Do not clean the unit when it is energized or hot.
- Do not steam clean or use excessive water on the unit.
- This unit is not "jet-proof" construction. Do not use a jet-clean spray to clean this unit.
- Use only Genuine Hatco Replacement Parts when service is required. Failure to use Genuine Hatco Replacement Parts will void all warranties and may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn. Genuine Hatco Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in Hatco equipment.

This unit has no "user-serviceable" parts. If service is required on this unit, contact an Authorized Hatco Service Agent or contact the Hatco Service Department at 800-558-0607 or 414-671-6350.

Daily Cleaning

To preserve the finish of the unit as well as maintain performance, it is recommended that the unit be cleaned daily.

NOTICE

Use non-abrasive cleaners and cloths only. Abrasive cleaners and cloths could scratch the finish of the unit, marring its appearance and making it susceptible to soil accumulation.

1. Turn off the unit and allow it to cool completely.
2. Wipe down all metal surfaces using a soft, clean, damp cloth. Stubborn stains may be removed with a non-abrasive cleaner. Hard-to-reach areas should be cleaned with a small brush and mild soap.

Replacing a Display Light Bulb

Use the following procedure to replace a light bulb. To order replacement incandescent light bulbs, use Hatco P/N 02.30.265.00 for 120 V bulbs.

WARNING

Use only light bulbs that meet or exceed National Sanitation Foundation (NSF) standards and are specifically designed for food-holding areas. Breakage of light bulbs not specially-coated could result in personal injury and/or food contamination.

1. Turn off the unit, disconnect from the power circuit, and allow the unit to cool.
2. Bulbs have a threaded base. Unscrew the light bulb from the unit and replace it with a new specially coated incandescent bulb.

NOTE: Optional halogen bulbs are available. Order Hatco P/N 02.30.081.00 for 120 V bulbs.

TROUBLESHOOTING GUIDE

WARNING

- This unit must be serviced by qualified personnel only. Service by unqualified personnel may lead to electric shock or burn.
- **ELECTRIC SHOCK HAZARD:** Turn OFF the power at the fused disconnect switch/circuit breaker and allow the unit to cool before performing any cleaning, adjustments, or maintenance.

Symptom	Probable Cause	Corrective Action
Unit is turned on, but not working.	The circuit breaker tripped.	Reset the circuit breaker.
	I/O (on/off) switch defective.	Contact Authorized Service Agent or Hatco for assistance.
	Supply voltage to unit is incorrect.	Verify the supply voltage to the unit matches the unit specifications.
	Internal electrical malfunction.	Contact Authorized Service Agent or Hatco for assistance.
Light is inadequate.	Light bulb(s) burned out.	Replace light bulb(s). Refer to the procedure in the Maintenance section.
	Unit mounted too high above the target area.	Lower unit, putting effective light closer to target.
	Supply voltage to unit is incorrect.	Verify the supply voltage to the unit matches the unit specifications.

Troubleshooting Questions?

If you continue to have problems resolving an issue, please contact the nearest Authorized Hatco Service Agency or Hatco for assistance. To locate the nearest Service Agency, log onto the Hatco website at www.hatcocorp.com, select the Support pull-down menu, and click on "Find A Service Agent"; or contact the Hatco Parts and Service Team at:
Telephone: 800-558-0607 or 414-671-6350. e-mail: support@hatcocorp.com.

OPTIONS AND ACCESSORIES

Remote Toggle Switch

A remote toggle switch is available in lieu of the factory-installed Power I/O (on/off) switch.

Extended Electrical Leads

Extended electrical leads are available in lengths of 1' (305 mm) to 20' (6096 mm) as a factory-installed option.

Adjustable Angle Bracket

Adjustable angle brackets are available as accessories for permanently attaching the unit to the underside of a

shelf.

Halogen Display Lights

Optional halogen display light bulbs can be ordered in place of the standard incandescent display light bulbs.

Chef LED Bulbs

Chef LED bulbs are available for all units. CHEF LED bulbs are LED light bulbs that offer energy savings over incandescent bulbs.

LIMITED WARRANTY

PRODUCT WARRANTY

Hatco warrants the products that it manufactures (the "Products") to be free from defects in materials and workmanship, under normal use and service, for a period of one (1) year from the date of purchase when installed and maintained in accordance with Hatco's written instructions or 18 months from the date of shipment from Hatco. Buyer must establish the Product's purchase date by registering the Product with Hatco or by other means satisfactory to Hatco in its sole discretion.

Hatco warrants the following Product components to be free from defects in materials and workmanship from the date of purchase (subject to the foregoing conditions) for the period(s) of time and on the conditions listed below:

- **One (1) Year Parts and Labor PLUS One (1) Additional Year Parts-Only Warranty:**
 - Conveyor Toaster Elements (metal sheathed)
 - Drawer Warmer Elements (metal sheathed)
 - Drawer Warmer Drawer Rollers and Slides
 - Strip Heater Elements (metal sheathed)
 - Display Warmer Elements (metal sheathed air heating)
 - Holding Cabinet Elements (metal sheathed air heating)
 - Heated Well Elements — HW and HWB Series (metal sheathed)
- **Two (2) Year Parts and Labor Warranty:**
 - Induction Ranges
 - Induction Warmers
- **One (1) Year Parts and Labor PLUS Four (4) Years Parts-Only Warranty:**
3CS and FR Tanks
- **One (1) Year Parts and Labor PLUS Nine (9) Years Parts-Only Warranty on:**
 - Electric Booster Heater Tanks
 - Gas Booster Heater Tanks
- **Ninety (90) Day Parts-Only Warranty:**
Replacement Parts

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT INFRINGEMENT.

Without limiting the generality of the foregoing, SUCH WARRANTIES DO NOT COVER: Coated incandescent light bulbs, fluorescent lights, heat lamp bulbs, coated halogen light bulbs, halogen heat lamp bulbs, xenon light bulbs, LED light tubes, glass components, and fuses; Product failure in booster tank, fin tube heat exchanger, or

other water heating equipment caused by liming, sediment buildup, chemical attack, or freezing; or Product misuse, tampering or misapplication, improper installation, or application of improper voltage.

LIMITATION OF REMEDIES AND DAMAGES

Hatco's liability and Buyer's exclusive remedy hereunder will be limited solely, at Hatco's option, to repair or replacement using new or refurbished parts or Products by Hatco or a Hatco-authorized service agency (other than where Buyer is located outside of the United States, Canada, United Kingdom, or Australia, in which case Hatco's liability and Buyer's exclusive remedy hereunder will be limited solely to replacement of a part under warranty) with respect to any claim made within the applicable warranty period referred to above. Hatco reserves the right to accept or reject any such claim in whole or in part. In the context of this Limited Warranty, "refurbished" means a part or Product that has been returned to its original specifications by Hatco or a Hatco-authorized service agency. Hatco will not accept the return of any Product without prior written approval from Hatco, and all such approved returns shall be made at Buyer's sole expense.

HATCO WILL NOT BE LIABLE, UNDER ANY CIRCUMSTANCES, FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING BUT NOT LIMITED TO LABOR COSTS OR LOST PROFITS RESULTING FROM THE USE OF OR INABILITY TO USE THE PRODUCTS OR FROM THE PRODUCTS BEING INCORPORATED IN OR BECOMING A COMPONENT OF ANY OTHER PRODUCT OR GOODS.

AUTHORIZED PARTS DISTRIBUTORS

CALIFORNIA

- Industrial Electric Commercial Parts & Service, Inc. Huntington Beach 714-379-7100
- Chapman Appl. Service San Diego 619-298-7106 P & D Appliance Commercial Parts & Service, Inc. S. San Francisco 650-635-1900

NEW YORK

- Alpro Service Co.
- Maspeth 718-386-2515
- Duffy's – AIS
- Buffalo 716-884-7425 3Wire
- Plattsburgh 800-634-5005
- Duffy's – AIS Sauquoit 800-836-1014
- J.B. Brady, Inc. Syracuse 315-422-9271

CANADA

ALBERTA

- Key Food Equipment Service
- Edmonton 780-438-1690

BRITISH COLUMBIA

- Key Food Equipment Service
- Vancouver 604-433-4484

- Key Food Equipment Service
- Victoria 250-920-4888

Register your unit online!

See the IMPORTANT OWNER INFORMATION section for details.


Enregistrez votre appareil en ligne!

Lisez la section INFORMATIONS IMPORTANTES POUR LE PROPRIETAIRE pour plus d'informations.


HATCO CORPORATION

P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. 800-558-0607 414-671-6350 support@hatcocorp.com.
www.hatcocorp.com.

Documents / Resources

	<p>Hatco Glo-Rite HL Series Display Lights [pdf] Installation Guide Glo-Rite HL Series Display Lights, Glo-Rite, HL Series, Display Lights, Lights</p>
	<p>Hatco Glo-Rite HL Series Display Lights [pdf] Installation Guide Glo-Rite HL Series Display Lights, Glo-Rite, HL Series, Display Lights, Lights</p>

References

-  [Commercial Foodservice & Restaurant Equipment | Hatco](#)
-  [Commercial Foodservice & Restaurant Equipment | Hatco](#)