



GLO-RITE[®]

Display Light HL Series

Installation & Operating Manual

I&W #07.05.077.00

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IMPORTANT OWNER INFORMATION

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

Model No. _____

Serial No. _____

Voltage _____

Date of Purchase _____

Business Hours: 8:00 a.m. to 5:00 p.m.

Central Standard Time

(Summer Hours: June to September -

8:00 a.m. to 5:00 p.m. C.D.T.

Monday through Thursday

8:00 a.m. to 3:30 p.m. C.D.T. Friday)

Telephone: (800) 558-0607; (414) 671-6350

Parts & Service Fax: (800) 690-2966

(414) 671-3976 (International)

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 an on/off switch for operator control.

This manual provides the installation, safety and operating instructions for the Hatco Display Lights. We recommend all installation, operating and safety instructions appearing in this manual be read prior to installa-

tion or operation of your Hatco Display Light. Safety instructions that appear in this manual after a warning symbol  and the words **WARNING** or **CAUTION** printed in bold face are important. Warning means there is the possibility of personal injury to yourself or others. Caution means there is the possibility of damage to the unit.

Your Hatco Display Light is a product of extensive research and field testing. The materials used were selected for maximum durability, attractive appearance and optimum performance. Every unit is thoroughly inspected and tested prior to shipment.

IMPORTANT SAFETY INSTRUCTIONS

WARNINGS/CAUTIONS

Read the following important safety instructions to avoid personal injury and/or damage to the equipment.

1. To avoid any injury, turn the power switch off, unplug the unit from the power source and allow to cool before performing any maintenance.
2. The Display Light is not waterproof. DO NOT submerge in water. Do not operate if it has been submerged in water.
3. Abrasive cleaners could scratch the finish of your Hatco Display Light.
4. When using chains for unit installation, chains must be sufficient strength and securely fastened or the lamp could come loose, possibly causing personal injury or damage to the unit.
5. Use only non-abrasive cleaners. Abrasive cleaners could scratch the finish of your Glo-Rite Display Light, marring its appearance and making susceptible to dirt accumulation.
6. Only light bulbs which meet or exceed N.S.F. standards, specifically designed for food holding areas must be used. Breakage of light bulbs not specially coated could result in personal injury and/or food contamination.

MODEL DESCRIPTION

HL MODELS

HL 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 an on/off switch for operator control.

Models are available in lengths from 18" (46 cm) to 72" (183 cm) and are available with additional lamp assemblies for greater illumination. An adjustable angle mounting bracket is also available.

The display lights come standard with shatter-resistant 60 watt bulbs to enhance product display while safeguarding food products from bulb breakage.

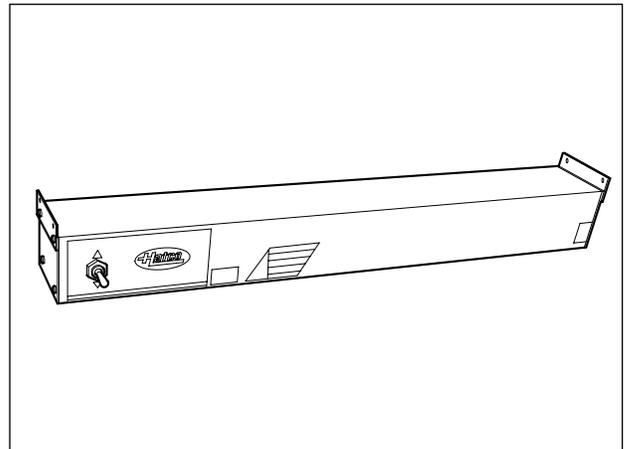


Figure 1. Model HL-24

SPECIFICATIONS

ELECTRICAL RATING CHART

Model	Total Lamps	Total Watts	Total Amps	Shipping Weight
HL-18	2	120	1.0	6 lbs. (3 kg)
HL-24	2	120	1.0	7 lbs. (3 kg)
HL-24-2*	3	180	1.5	7 lbs. (3 kg)
HL-30	2	120	1.0	8 lbs. (4.5 kg)
HL-30-2*	4	240	2.0	8 lbs. (4.5 kg)
HL-36	3	180	1.5	9 lbs. (4 kg)
HL-36-2*	5	300	2.5	9 lbs. (4 kg)
HL-42	3	180	1.5	11 lbs. (5kg)
HL-42-2*	6	360	3.0	11 lbs. (5 kg)

* Extra lamp models.

Note: All units rated for 120 Volt, single phase.

Model	Total Lamps	Total Watts	Total Amps	Shipping Weight
HL-48	4	240	2.0	12 lbs. (5.5 kg)
HL-48-2*	7	420	3.5	13 lbs. (6 kg)
HL-54	4	240	2.0	14 lbs. (6.5 kg)
HL-54-2*	8	480	4.0	15 lbs. (7 kg)
HL-60	5	300	2.5	17 lbs. (8 kg)
HL-60-2*	9	540	4.5	17 lbs. (8 kg)
HL-66	5	300	2.5	18 lbs. (8 kg)
HL-66-2*	10	600	5.0	18 lbs. (8 kg)
HL-72	6	360	3.0	18 lbs. (8 kg)
HL-72-2*	10	600	5.0	21 lbs. (10 kg)

DIMENSIONS

Model	Length (A)	Width (B)	Height (C)	Height (D)
HL-18	18" (45 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)
HL-24	24" (61 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)
HL-30	30" (76 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)
HL-36	36" (91 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)
HL-42	42" (106 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)

Model	Length (A)	Width (B)	Height (C)	Height (D)
HL-48	48" (122 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)
HL-54	54" (137 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)
HL-60	60" (152 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)
HL-66	66" (168 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)
HL-72	72" (183 cm)	3" (8 cm)	3" (8 cm)	2-1/2" (6 cm)

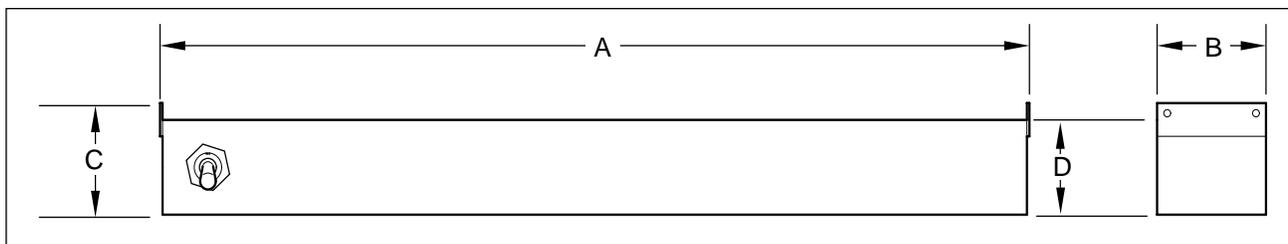


Figure 3. Dimensions

MOUNTING

1. Remove the unit from the carton and remove all packing materials.
2. Remove information packet. **To prevent delay in obtaining warranty coverage, fill out and mail in warranty card.**
3. The unit is equipped with mounting brackets as shown in Figure 3 for chain mounting or mounting under a shelf or pass-through station.

WARNING

Chain must be sufficient strength and securely fastened or the lamp could come loose, possibly causing personal injury or damage to the unit.

Adjustable brackets are available for mounting the units. Assemble the brackets to the lamp as shown in Figure 4.

ELECTRICAL WIRING HOOK-UP

Hatco provides a 1/2" (12 mm) trade size knockout opposite the on/off switch, 6" (15 cm) long pigtail wire leads and a separate grounding terminal in the wiring compartment.

For correct installation, provide supply wires rated for at least 90° C (194° F) from a properly sized fused disconnect or circuit breaker conforming to local electrical codes. Use UL recognized wire nuts rated for at least 90° C (194° F) 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.

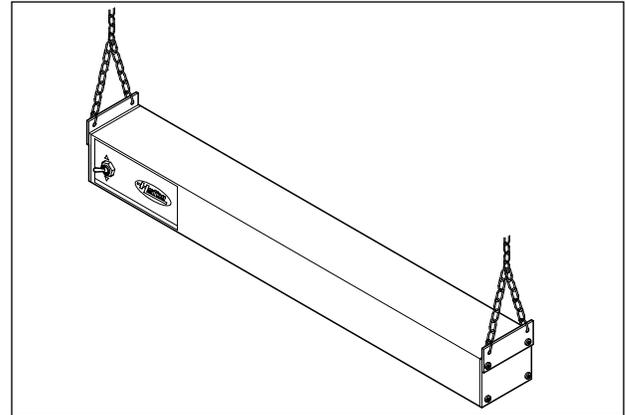


Figure 3. Standard Bracket Mounting with Chains

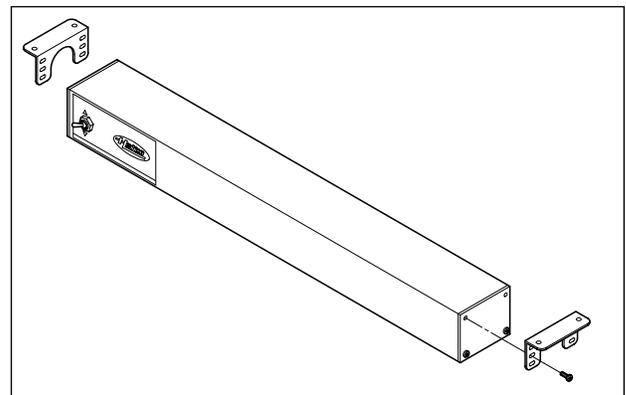


Figure 4. Adjustable Bracket Mounting

OPERATION

Turn the toggle switch to the ON position.

MAINTENANCE

CLEANING

The Hatco Display Light is designed for maximum durability and performance, with minimum maintenance.

WARNING

To avoid any injury, turn the power switch off, unplug the unit from the power source and allow to cool before performing any maintenance.

CAUTION

The Display Light is not waterproof. DO NOT submerge in water. Do not operate if it has been submerged in water.

To preserve the finish of the Hatco Display Light, it is recommended that the surfaces be wiped daily with a damp cloth. Stubborn stains may be removed with a good non-abrasive cleaner.

CAUTION

Use only non-abrasive cleaners. Abrasive cleaners could scratch the finish of your Glo-Rite Display Light, marring its appearance and making susceptible to dirt accumulation.

DISPLAY LIGHT BULB REPLACEMENT

The display light is a shatter-resistant, incandescent light bulb which illuminates the area. The bulb has a special coating to guard against injury and food contamination in the event of breakage.

1. To replace a light bulb, disconnect the power supply and wait until the unit has cooled.
2. Bulbs have a threaded base. Unscrew the light bulb from the unit and replace it with a new specially coated incandescent bulb.

NOTE: Hatco shatter-resistant light bulbs meet N.S.F. standards for food holding and display areas. For 120 Volt applications, use Hatco part #02.30.043.00.

WARNING

Only light bulbs which meet or exceed N.S.F. standards, specifically designed for food holding areas must be used. Breakage of light bulbs not specially coated could result in personal injury and/or food contamination.

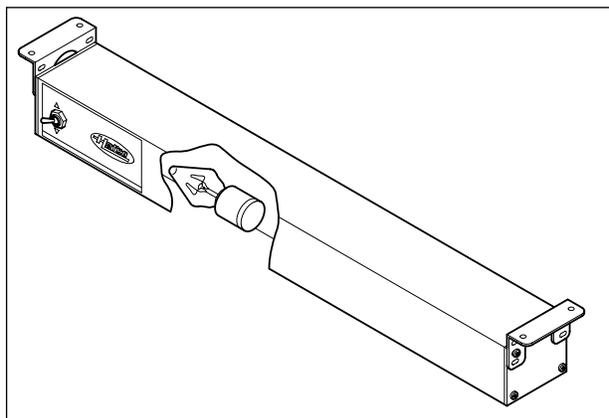


Figure 5. Light Bulb

HATCO LIMITED WARRANTY

1. 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. Buyer must establish the product's purchase date by returning Hatco's Warranty Registration Card 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:

- a) **One (1) Year Parts and Labor PLUS One (1) Additional Year Parts-Only Warranty:**
 - Toaster Elements (metal sheathed)
 - Drawer Warmer Elements (metal sheathed)
 - Drawer Warmer Drawer Rollers and Slides
 - Food Warmer Elements (metal sheathed)
 - Display Warmer Elements (metal sheathed air heating)
 - Holding Cabinet Elements (metal sheathed air heating)
 - Cook and Hold Oven Elements (metal sheathed)
- b) **One (1) Year Parts and Labor PLUS Four (4) Additional Years Parts-Only Warranty on pro-rated terms that Hatco will explain at Buyer's Request:**
 - Powermite Gas Booster Heater Tanks
 - Mini Compact Tanks (stainless steel)
 - 3CS and FR Tanks
- c) **One (1) Year Parts and Labor PLUS Four (4) Additional Years Parts-Only Warranty PLUS Five (5) Year Parts-Only Warranty on pro-rated terms that Hatco will explain at Buyer's Request:**
 - Booster Heater Tanks (Castone)
- d) **One (1) Year Parts-Only Warranty for components not installed by Hatco:**
 - Accessory Components (including but not limited to valves, gauges and remote switches)

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, lamp warmer heat bulbs, glass components or Product failure caused by liming or sediment buildup in tanks, Product misuse, tampering or misapplication, improper installation, application of improper voltage, or recalibration of thermostats or high limit switches.

2. 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 by a Hatco-authorized service agency (other than where Buyer is located outside of the United States or Canada, in which case Hatco's liability and Buyer's exclusive remedy hereunder will be limited solely to replacement of part under warranty) with respect to any claim made within the applicable warranty period referred to above. Without limiting the generality of the foregoing, all portable Products (as defined in N.S.F. 4-4.28.4) shall be delivered by Buyer, at its sole expense, to the nearest Hatco-authorized service agency for replacement or repair. Hatco reserves the right to accept or reject any such claim in whole or in part. 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.

HATCO AUTHORIZED PARTS DISTRIBUTORS

ALABAMA

Jones McLeod Appl. Svc.
Birmingham 205-251-0159

ARIZONA

Auth. Comm. Food Equip.
Phoenix 602-234-2443
Byassee Equipment Co.
Phoenix 602-252-0402

CALIFORNIA

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

COLORADO

All City Service
Denver 303-454-9500
Hawkins Commercial Appliance
Englewood 303-781-5548

DELAWARE

Food Equipment Service
Wilmington 302-996-9363

FLORIDA

Whaley Foodservice Repair
Jacksonville 904-725-7800
Nass Service Co., Inc.
Orlando 407-425-2681
B.G.S.I.
Pompano Beach 954-971-0456
Comm. Appliance Service
Tampa 813-663-0313

GEORGIA

Southeastern Rest. Svc.
Norcross 770-446-6177

HAWAII

Burney's Comm. Service, Inc.
Honolulu 808-848-1466
Food Equip Parts & Service
Honolulu 808-847-4871

ILLINOIS

Parts Town
Broadview 708-865-7278
Eichenauer Elec. Service
Decatur 217-429-4229
Midwest Elec. Appl. Service
Elmhurst 630-279-8000
Cone's Repair Service
Moline 309-797-5323

INDIANA

Comm. Parts & Service, Inc.
Indianapolis 317-545-9655

IOWA

Electric Motor Service Co.
Davenport 319-323-1823

KENTUCKY

Comm. Parts & Service, Inc.
Louisville 502-367-1788

LOUISIANA

Chandlers Parts & Service
Baton Rouge 225-272-6620

LOUISIANA (Continued)

Bana Comm. Parts, Inc.
Shreveport 318-631-6550

MARYLAND

Electric Motor Service
Baltimore 410-467-8080
GCS Service, Inc.
Silver Spring 301-585-7550

MASSACHUSETTS

Ace Service Co., Inc.
Needham 781-449-4220

MICHIGAN

Commercial Kitchen Service
Bay City 517-893-4561
Bildons Appliance Service
Detroit 248-478-3320
Midwest Food Equip. Service
Grandville 616-261-2000

MINNESOTA

GCS Service
Minneapolis 612-546-4221

MISSOURI

GCS Service, Inc.
Kansas City 816-920-5999
Commercial Kitchen Services
St. Louis 314-890-0700
Kaemmerlen Parts & Service
St. Louis 314-535-2222

NEBRASKA

Anderson Electric
Omaha 402-341-1414

NEVADA

Burney's Commercial
Las Vegas 702-736-0006
Hi. Tech Commercial Service
N. Las Vegas 702-649-4616

NEW JERSEY

Jay Hill Repair
Fairfield 973-575-9145
Service Plus
Flanders 973-691-6300

NEW YORK

Acme American Repairs, Inc.
Brooklyn 718-456-6544
Alpro Service Co.
Brooklyn 718-386-2515
Appliance Installation
Buffalo 716-884-7425
Northern Parts Dist.
Plattsburgh 518-563-3200
J. B. Brady, Inc.
Syracuse 315-422-9271

NORTH CAROLINA

Authorized Appliance
Charlotte 704-377-4501

OHIO

Akron/Canton Comm. Svc. Inc.
Akron 330-753-6635
Certified Service Center
Cincinnati 513-772-6600
GCS Service
Columbus 614-476-3225

OHIO (Continued)

Electrical Appl. Repair Service
Independence 216-459-8700
E. A. Wichman Co.
Toledo 419-385-9121

OKLAHOMA

Hagar Rest. Service, Inc.
Oklahoma City 405-235-2184
Krueger, Inc.
Oklahoma City 405-528-8883

OREGON

Bressie Electric Co.
Portland 503-231-7171
Ron's Service, Inc.
Portland 503-624-0890

PENNSYLVANIA

Authorized Factory Service
Coraopolis 412-262-2330
FAST Comm. Appl. Service
Philadelphia 215-288-4800

PENNSYLVANIA (Continued)

GCS Service, Inc.
Pittsburgh 412-787-1970
K & D Service Co.
Harrisburg 717-236-9039
Elmer Schultz Services
Philadelphia 215-627-5401
Electric Repair Co.
Reading 610-376-5444

RHODE ISLAND

Marshall Electric Co.
Providence 401-331-1163

SOUTH CAROLINA

Whaley Foodservice Repair
W. Columbia 803-791-4420

TENNESSEE

Camp Electric
Memphis 901-527-7543

TEXAS

City Kitchen Service Co.
Austin 512-719-4445
Stove Parts Supply
Fort Worth 817-831-0381
Armstrong Repair Service
Houston 713-666-7100
Commercial Kitchen Repair Co.
San Antonio 210-735-2811
San Antonio Rest. Equip.
San Antonio 210-824-3271

UTAH

Peterson's Commercial Parts & Svc.
Salt Lake City 801-487-3653

VIRGINIA

Daubers
Norfolk 757-855-4097
Daubers
Springfield 703-866-3600

WASHINGTON

Restaurant Appl. Service
Seattle 206-524-8200

WISCONSIN

A.S.C., Inc.
Madison 608-246-3160
A.S.C., Inc.
Milwaukee 414-543-6460

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