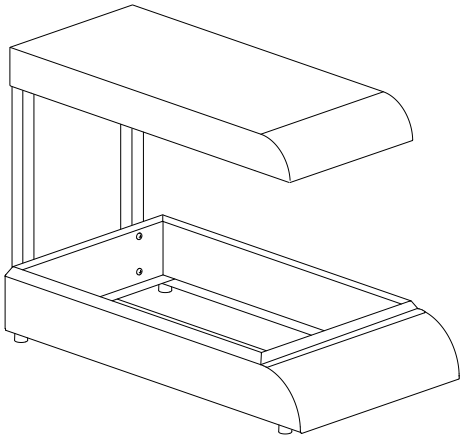
Glo-Max®
Portable Foodwarmer
GMFFL

Installation and Operating Manual

I&W #07.05.192.00



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

Este manual contiene importante información sobre seguridad concerniente al mantenimiento, uso y operación de este producto. Cualquier falla en el seguimiento de las instrucciones contenidas en este manual puede resultar en un serio daño. Si usted no puede entender el contenido de este manual por favor pregunte a su supervisor. No opere este equipo al menos que haya leído y comprendido el contenido de este manual. Almacenar este manual en una localización segura para la referencia futura.

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IMPORTANT OWNER INFORMATION

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

Model No. _____

Serial No. _____

Voltage _____

Date of Purchase _____

Telephone: (414) 671-6350

Fax: (414) 671-3976

Additional information can be found by visiting our web site at **www.hatcocorp.com**.

INTRODUCTION

Hatco Glo-Max® Portable Foodwarmers are designed to provide ideal heat patterns with precise temperature control to ensure food quality and safety. Pre-focused heat patterns prevent foods from overcooking in the middle or cooling off around the edges by concentrating higher temperatures to the outer edges of holding surfaces where heat loss is the greatest. Pre-focused heat patterns also maximize food holding and minimize the risk of food-borne illnesses. Hatco Portable Foodwarmers safely maintain peak serving temperatures longer without continuing to cook the food.

The Glo-Max Portable Foodwarmers include incandescent lights to illuminate the warming area.

This manual provides the installation, safety, and operating instructions for Glo-Max Portable Foodwarmers. Hatco recommends all installation, operating, and safety instructions appearing in this manual be read prior to installation or operation of a Portable Foodwarmer. Safety instructions that appear in this manual after a safety alert symbol ⚠ and the words **WARNING** or **CAUTION** printed in boldface are very important. ⚠ **WARNING** means there is the possibility of serious personal injury or death to yourself or others. ⚠ **CAUTION** means there is the possibility of minor or moderate injury. The word **NOTICE** signifies the possibility of equipment or property damage only.

Hatco Glo-Max Portable Foodwarmers are a product 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.

IMPORTANT SAFETY INFORMATION

IMPORTANT! Read the following important safety information to avoid personal injury or death, and to avoid damage to the equipment or property.

⚠ WARNING

⚠ **To avoid any injury, turn the POWER switch OFF, unplug the unit from the power source, and allow to cool completely before performing any maintenance and cleaning.**

⚠ **Plug unit into a properly grounded electrical outlet of the correct voltage, size, and plug configuration. If the plug and receptacle do not match, contact a qualified electrician to determine and install the proper voltage and size electrical outlet.**

⚠ **For safe and proper operation, the unit must be located a minimum of 51 mm (2″) from combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur.**

⚠ **To prevent any injury or damage to the unit, do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.**

⚠ **This appliance is not jet-proof construction. To assure safe and proper operation, DO NOT use jet-clean-spray to clean this appliance.**

⚠ **To prevent any injury or damage to the unit, do not pull unit by power cord.**

⚠ **If the power supply cord is damaged, it must be replaced by Hatco, an Authorized Service Agent, or a person with similar qualifications to avoid a hazard.**

⚠ **The unit is not waterproof. DO NOT submerge in water. Do not operate if it has been submerged in water.**

⚠ **To avoid the risk of fire, the base must be secured to top housing before turning on power.**

⚠ **If service is required on this unit, contact your Authorized Hatco Service Agent, or contact the Hatco Service Department at 414-671-6350; fax 414-671-3976.**

⚠ **This product has no "user-serviceable" parts. To avoid damage to the unit or injury to personnel, use only Authorized Hatco Service Agents and Genuine Hatco Replacement Parts when service is required.**

⚠ WARNING

⚠ **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. It is essential to use Genuine Hatco Replacement Parts when repairing Hatco equipment. Failure to use Genuine Hatco Replacement Parts may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn.**

⚠ CAUTION

⚠ **Some exterior surfaces on the unit will get hot. Use caution when touching these areas to avoid injury.**

⚠ **Locate the unit at the proper counter height in an area that is convenient for use. The location should be level to prevent the unit or its contents from accidentally falling and strong enough to support the weight of the unit and food.**

⚠ **Unit is not weatherproof. For safe and proper operation, locate the unit indoors where the ambient air temperature is constant and is a minimum of 21°C (70°F).**

⚠ **Standard and approved manufacturing oils will smoke up to 30 minutes during initial start-up. This is a temporary condition. To assure safe operation, operate unit without food product until smoke dissipates.**

NOTICE

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

Damage to countertop material such as Corian® and similar products caused by heat generated from Hatco equipment is not covered under the Hatco warranty. Contact the manufacturer of the base material for application information.

MODEL DESIGNATION

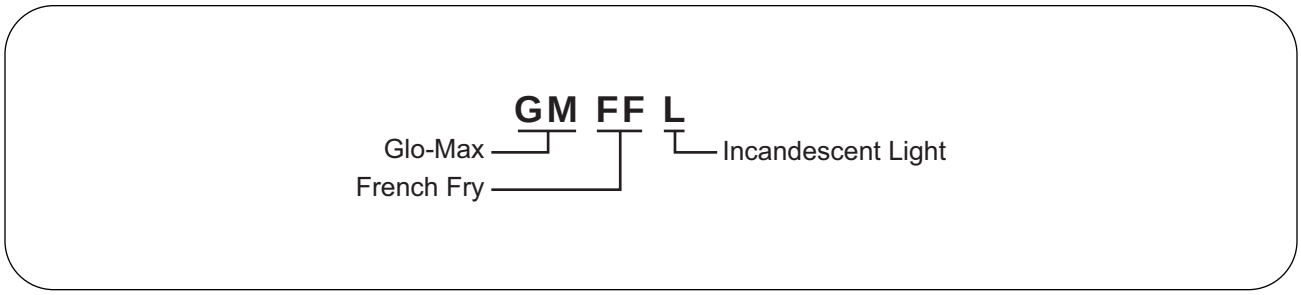


Figure 1. Glo-Max Model Designation

MODEL DESCRIPTION

GMFFL MODEL

The Hatco GMFFL Model has a steel painted housing equipped with a metal sheath infrared heating element, ON/OFF rocker switch, and a standard pre-wired 1829 mm (6′) cord and plug. The Portable Foodwarmer has incandescent lights and a display sign holder (sign not included).

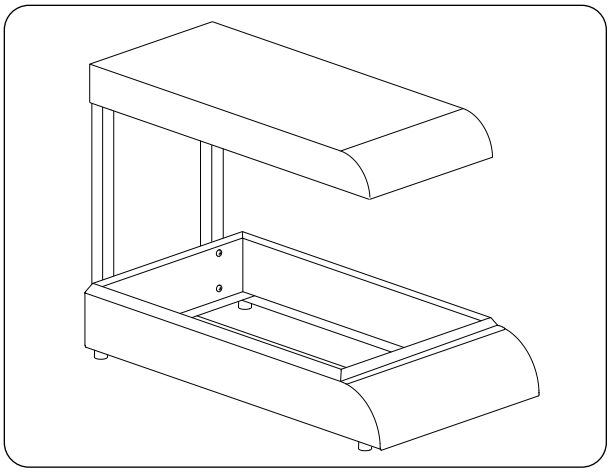


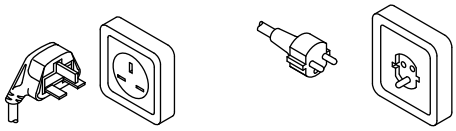
Figure 2. GMFFL Model

PLUG CONFIGURATIONS

Units are supplied from the factory with a 1829 mm (6′) electrical cord and plug installed. Plugs are supplied according to the applications (see Figure 3.).

⚠ WARNING

Plug unit into a properly grounded electrical outlet of the correct voltage, size and plug configuration. If the plug and receptacle do not match, contact a qualified electrician to determine the proper voltage and size and install the proper electrical outlet.



BS 1363 **CEE 7/7 Schuko**

NOTE: Receptacle not supplied by Hatco.

Figure 3. Plug Configurations

DIMENSIONS

Model	Width (A)	Base Depth (B)	Height (C)	Top Depth (D)	Interior Height (E)
GMFFL	329 mm (13.0″)	643 mm (25.3″)	438 mm (17.2″)	583 mm (23.0″)	259 mm (10.2″)

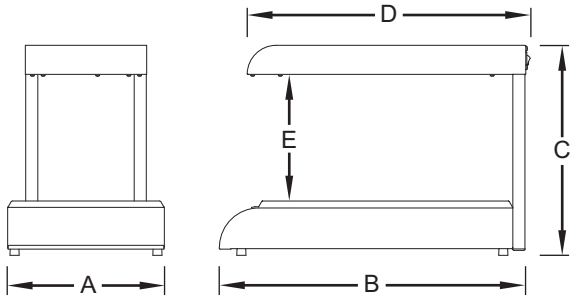


Figure 4. Dimensions — GMFFL Models

ELECTRICAL RATING CHART

Model	Voltage	Watts	Amps	Shipping Weights
GMFFL	230	620	2.7	8 kg (18 lbs.)

INSTALLATION

UNPACKING

1. Remove the unit from the carton and remove all packing materials.
2. Remove information packet.

ELECTRICAL WIRING HOOK-UP

Refer to the ELECTRICAL RATING CHART for specific information.

Power Cord and Plug Models

Install an approved, grounded receptacle to match the plug and cord supplied with the unit.

LOCATION

⚠CAUTION

Locate the unit at the proper counter heigh, in an area that is convenient for use. The location should be level to prevent the unit or its contents from accidentally falling and strong enough to support the weight of the unit and food.

⚠WARNING

For safe and proper operation, the unit must be located a minimum of 2″ (51 mm) from combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur.

⚠WARNING

To prevent any injury or damage to the unit, do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.

⚠CAUTION

Unit is not weatherproof. For safe and proper operation, locate the unit <u>indoors</u> where the ambient air temperature is constant and is a minimum of 21°C (70°F).

ASSEMBLY

⚠WARNING

To avoid the risk of fire, the base unit must be secured to the top housing before turning on power.

NOTE: A Phillips screwdriver is required for this assembly.

1. Remove top housing, leg brackets, and base unit from carton and set parts on a non-scratch surface.
2. Remove all packaging materials from unit.
3. Position the top housing, element side up, on a non-scratch surface.
4. Using the four screws provided, attach both posts brackets to the top housing (see Figure 5.).

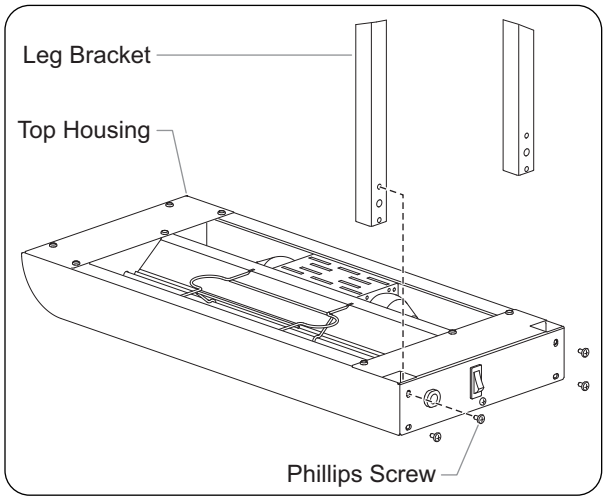


Figure 5. Assembly of Top Housing and Leg Bracket

5. Secure top assembly to base unit using screws provided (see Figure 6.).

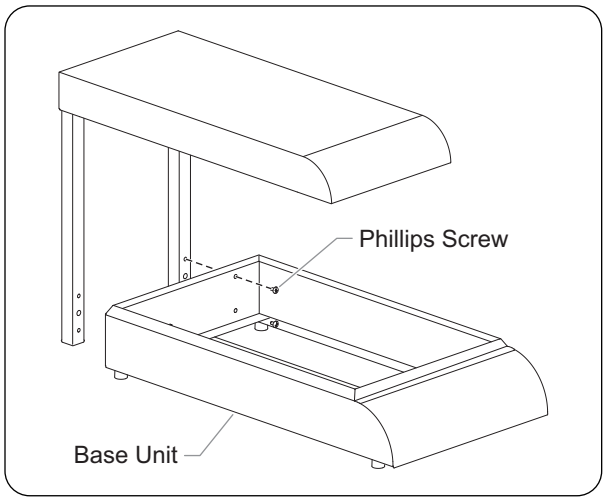


Figure 6. Assembly of Top Housing with Leg Bracket to Base Unit

6. Place unit in desired location.

⚠WARNING

To prevent any injury or damage to the unit, do not pull unit by power cord.

⚠WARNING

If the power supply cord is damaged, it must be replaced by Hatco, an Authorized Service Agent, or a person with similar qualifications to avoid a hazard.

⚠CAUTION

Some exterior surfaces on the unit will get hot. Use caution when touching these areas to avoid injury.

⚠WARNING

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

⚠CAUTION

Standard and approved manufacturing oils will smoke up to 30 minutes during initial start-up. This is a temporary condition. To assure safe operation, operate unit without food product until smoke dissipates.

NOTICE

Damage to countertop material such as Corian® and similar products caused by heat generated from Hatco equipment is not covered under the Hatco warranty. Contact the manufacturer of the base material for application information.

HEATING ELEMENT

The heating element and lights are controlled by an ON/OFF rocker switch. To energize the heating element and lights, place the switch in the ON position.

Allow 15-20 minutes to reach operating temperature.

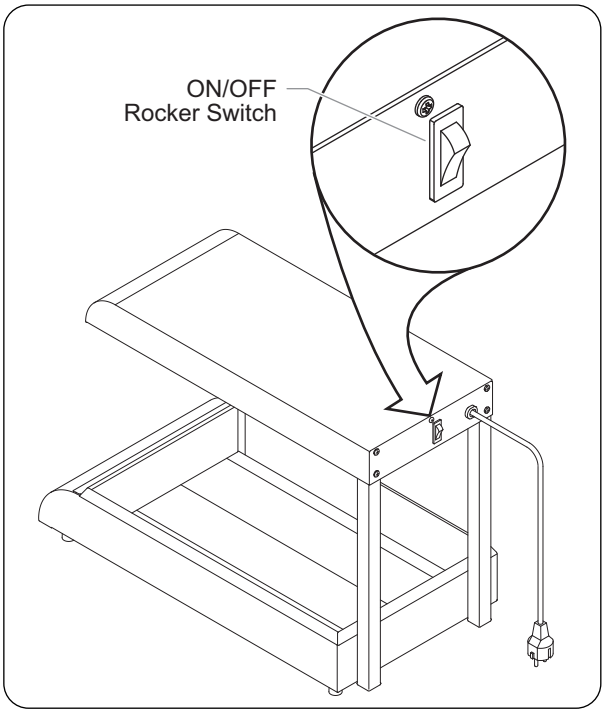


Figure 7. Controls

MAINTENANCE

CLEANING

Hatco Glo-Max Portable Foodwarmer units are 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 completely before performing any maintenance and cleaning.

To preserve the finish of the Glo-Max Portable Foodwarmer, it is recommended that the surfaces be wiped daily with a clean, soft, damp cloth. Stubborn stains maybe be removed with a non-abrasive cleaner. Hard to reach areas should be cleaned with a small brush and mild soap.

⚠WARNING

This appliance is not jet-proof construction. For safe and proper operation, DO NOT use jet-clean-spray to clean this appliance.

NOTICE

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

DISPLAY LIGHT BULB REPLACEMENT

The display light is an incandescent bulb that illuminates the warming area.

To replace a bulb, disconnect the power supply and wait until the unit has cooled. Display lamps have a threaded base. Unscrew the bulb from the unit and replace it with a new incandescent bulb.

NOTE: For 230 Volt applications, use Hatco part number X02.30.114.00.

⚠WARNING

If service is required on this unit, contact your Authorized Hatco Service Agent, or contact the Hatco Service Department at 414-671-6350; fax 414-671-3976.

⚠WARNING

This product has no "user-serviceable" parts. To avoid damage to the unit or injury to personnel, use only Authorized Hatco Service Agents and Genuine Hatco Replacement Parts when service is required.

⚠WARNING

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. It is essential to use Genuine Hatco Replacement Parts when repairing Hatco equipment. Failure to use Genuine Hatco Replacement Parts may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn.

SIGN HOLDER

The unit comes with a sign holder attached to the front of the base unit. The sign holder accommodates a 325 mm x 125 mm (12.8″ x 4.9″) sign (sign not included). A polycarbonate shield is supplied to place over the sign for protection.

To use the sign holder:

1. Place the sign into the curved area of the sign holder. If necessary, bend the sign slightly to fit the top and bottom edges of the sign into the top and bottom grooves of the sign holder.
2. Bend the polycarbonate shield slightly to fit the top and bottom edges of the shield into the top and bottom grooves of the sign holder (see Figure 8.).

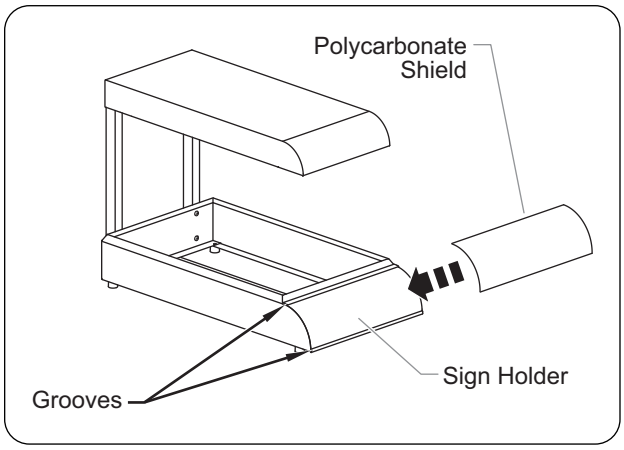


Figure 8. Installing Optional Sign Holder

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 or 18 months from the date of shipment from Hatco. 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)

b) **One (1) Year Parts and Labor PLUS Four (4) Years Parts-Only Warranty on pro-rated terms that Hatco will explain at Buyer's request:**
3CS and FR Tanks

c) **One (1) Year Parts and Labor PLUS Nine (9) Years Parts-Only Warranty on:**
Electric Booster Heater Tanks
Gas Booster Heater Tanks

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, Product failure in booster tank, fin tube heat exchanger, or other water heating equipment, caused by liming, sediment buildup, chemical attack or freezing, Product misuse, tampering or misapplication, improper installation or application of improper voltage.

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, Canada, United Kingdom or Australia 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. 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.

NOTES

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