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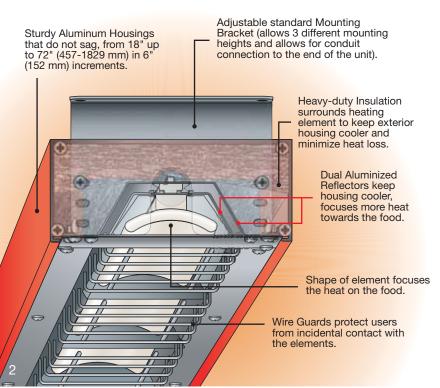
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DESIGNER COLORS (optional)









White Granite

Warm Red

Black

Gray Granite

Navy Blue

Hunter Green

Antique Copper

GLOSS COLORS (optional)







Bold Black

Gleaming Gold

Radiant Red

Glossy Gray



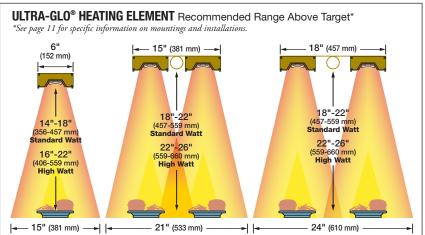
Brilliant Blue

Printed colors are a representation and may not exactly match our *Designer* Colors and Gloss Finishes.

Hi-Intensity Ceramic Heat High Working Clearances

Hatco offers a unique line of Ultra-Glo® Ceramic Foodwarmers excellent for use with fried foods. Designed for front- or back-of-the-house use, Hatco ceramic warmers provide ideal heat patterns and temperature control to maintain temperature at an application's edge. Ultra-Glo Ceramic elements allow for a greater working space between the warmer and the holding surface. Side-to-side and front-to-back prefocused heat pattern holds without continued cooking, drying, or discoloration. Hatco has a wide range of standard and custom models, configurations, and colors. The Choice is Yours.







- Pre-focused pyramidal heat pattern, concentrates the heat at the edges where heat loss is the greatest
- Increased height improves operational working clearances, giving the chef and server an improved ergonomic working environment
- Adaptable to many locations and configurations, including back-or front-of-the-house use, open kitchen concepts, or buffet lines
- Sturdy extruded aluminum housings eliminate sagging
- Available in widths from 18" to 72" (457 mm to 1829 mm)
- Optional coated shatter-resistant incandescent or halogen lights enhance product displays while safequarding food from bulb breakage







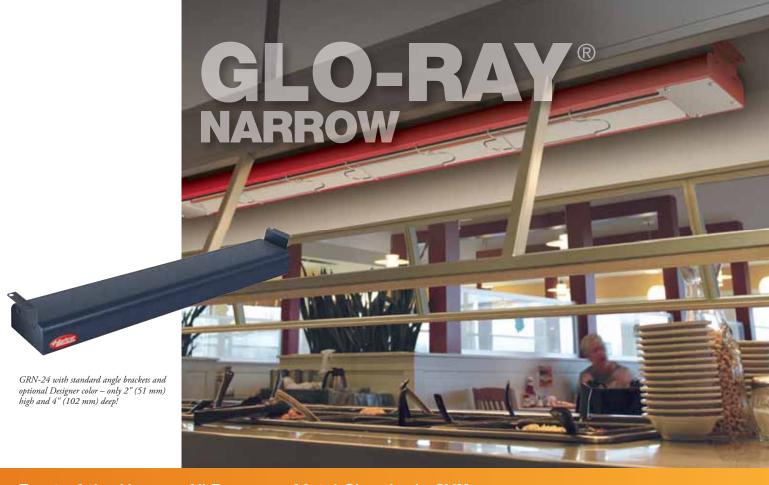
Front of the House • All Purpose • Metal-Sheathed • DESIGNER

Now the quality holding temperatures of the Glo-Ray® line are available with Hatco's unique *Designer* presentation. Maintain the fresh appearance and flavorful taste of a variety of foods with heat that is pre-focused to include the entire product – without cooking, drying, or discoloration. In addition, the modern styling and attractive display possibilities of the *Designer* line provides appearance options sure to help your product sell itself. Optional powdercoating provides easy-to-clean durability. Powdercoated units, inset panels, and accessories let you choose the foodwarmer that will enhance your décor. The Choice is Yours.

Decorative Post, concealing the power wiring, available for counter or overhead mounting. Heavy-duty Insulation minimizes heat loss. Accent color corners Choice of seven available in dark gray Designer color or black (standard). Inset Panels, and attractive styling Sturdy Aluminum for front-of-theextrusion construction; house applications. available in clear anodized aluminum finish or one of seven powdercoated Designer Long life Metal-Sheathed colors for housings **Heating Element** (shown in optional with 2 year Designer Black). warranty. **AluminIzed Reflectors** won't discolor, so that heat can be reflected and directed to the food product being held. Wire Guard supports heating element and provides operator safety without affecting heat distribution.

- Prefocused heat maintains safe serving temperatures longer without continuing to cook the food
- Available in widths from 22" to 88" (559 mm to 2235 mm)
- Available in a variety of models, configurations, colors, and accessories to provide unlimited flexibility
- Optional coated shatter-resistant incandescent or halogen lights enhance product displays while safeguarding food from bulb breakage
- Metal-sheathed heating elements guaranteed against burnout and breakage for two years
- Black corner caps and inset panels standard
- · Optional sneeze guards that meet food safety standards

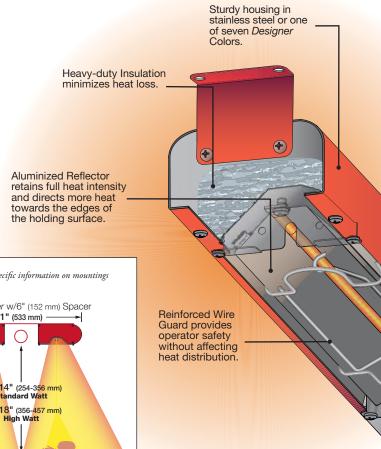


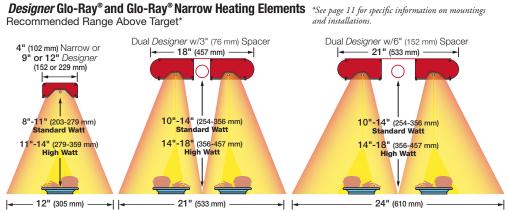


Front-of-the-House • All Purpose • Metal-Sheathed • SLIM

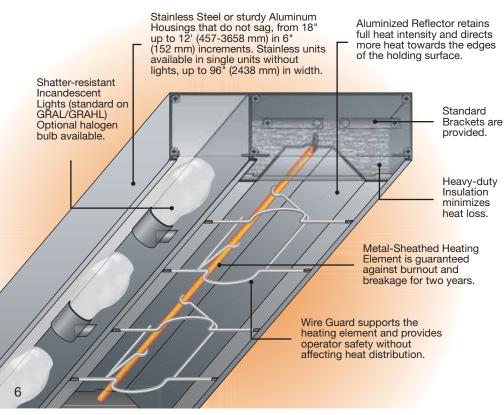
Hatco Glo-Ray® Narrow Infrared Foodwarmers keep all hot foods at optimum serving temperatures longer, while the slim design fits ideally in display or merchandising cases. Product does not dry out or become discolored; even the most delicate dishes hold that "just-prepared" look. The entire holding surface is heated evenly with no "cold" spots. The Choice is Yours.

- Has a slim design that's only 2" (51 mm) in height and
 4" (102 mm) deep that keeps the focus on the food in display or merchandising cases
- Available in widths from 18"-72" (457 mm to 1829 mm)
- Prefocused heat pattern maintains serving temperatures longer without continuing to cook the food
- Optional remote control enclosure in *Designer* colors









DESIGNER COLORS (optional)







Warm Red

Black

Gray Granite







White Granite

Navy Blue

Hunter Green



Antique Copper

GLOSS COLORS (optional)







Gleaming Gold









Radiant Red

Brilliant Blue

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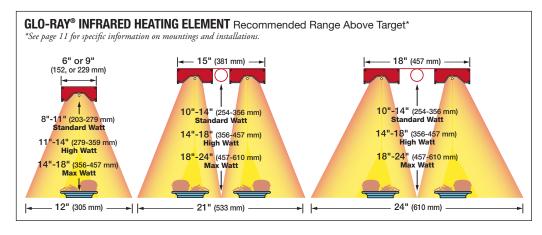


Hatco's Glo-Ray® line offers triple benefits: food safety, a consistent holding temperature, and maximum product flavor. The infrared heat holds the temperature of your product without drying out or further cooking food. The end result is hot, fresh food that's ready-to-serve.

Glo-Ray Infrared Foodwarmers also come in a range of colors, configurations, and models, with optional incandescent lights and breath protectors, allowing you the freedom to create the foodwarmer that's right for you. The Choice is Yours.



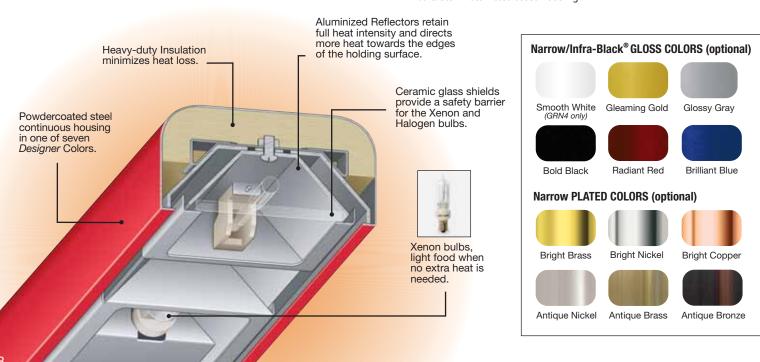
- Ensures maximum flavor, food safety and holding time
- Provides even heat distribution no "cold spots"
- Available in standard, high, or Max Watt options to fit your unique foodwarming needs
- Sturdy extruded aluminum housings that do not sag, from 18" to 12' (457 mm to 3657 mm) in 6" (152 mm) increments
- Metal-sheathed heating elements guaranteed against burnout and breakage for two years
- Reinforced wire guard provides operator safety without affecting heat distribution
- Optional 3" (76 mm) or 6" (152 mm) spacer available on dual models, with or without lights
- Heavy-duty insulation minimizes heat loss
- Available shatter-resistant incandescent lights and optional halogen lights on all aluminum models
- Optional sneeze guards on all aluminum models (for mounting arrangements see page 11)
- Optional Remote Control Installations are recommended to extend life of the controls
- Available in stainless steel housing 18" to 96" (457 to 2438 mm)





Hatco Glo-Ray® Narrow Halogen Foodwarmers keep all hot foods at optimum serving temperatures longer, while the slim design fits in areas where space is limited. Product does not dry out or become discolored; even the most delicate dishes hold that "just-prepared" look. Each unit is ready for installation and includes a remote control enclosure and non-adjustable angle brackets. The Choice is Yours.

- Slim sleek design that's only $2\frac{1}{8}$ " (55 mm) in height and 4" (102 mm) deep, keeping the focus on the food
- Available in widths from 18"-72" (457 mm to 1829 mm) for GRN4 models and 24"-72" (610 mm to 1829 mm) for GRN4L models
- Halogen heat source controlled by a dimmer switch the optional Xenon light source illuminates food when no heat is required
- Available in stainless steel housing





 Provides ideal amount of heat for limited space operations, mounted 4" to 10" (102 mm to 254 mm) above target surface

for singles and 8" to 14" (203 mm to 356 mm) for duals

for two years

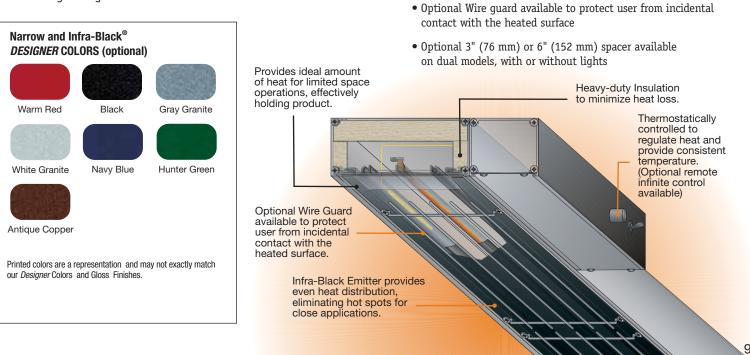
• Infra-Black emitters guaranteed against burnout and breakage

• Infra-Black emitter provides direct, gentle heat distribution

• Sturdy, extruded aluminum housings that do not sag, from

18" to 72" (457 mm to 1829 mm) in 6" (152 mm) increments

Hatco has long been a leader in innovation, and the unique Glo-Ray® Infra-Black® heat technology is no exception. Designed to emit a solid panel of uniform heat, for use at close range to your food product, Infra-Black Foodwarmers can be thermostatically controlled for your specific operational needs. The sturdy continuous aluminum housing assures quality and durability, and Infra-Black Foodwarmers are available in a variety of widths and mounting arrangements. The Choice is Yours.



ACCESSORIES AND OPTIONS



RMB-7L with toggle switch and infinite control



RMB-7D with toggle switches and optional Designer color



RMB-14AB with toggle switch and electronic infinite control and relay.



RMB-20U with infinite controls, indicator lights, and toggle switches

REMOTE CONTROL ENCLOSURES

Hatco Remote Control Enclosures are built in accordance with UL standards for toggle or infinite switches (RMB2 have both), indicator lights, and wiring, ready for installation when purchased with Glo-Ray® Strip Heaters.

Go to www.hatcocorp.com, click "Choose Remote Box" under "Resources" and download "RMB Picker" so you can choose the appropriate RMB for your strip heater.



RMB-16E with infinite controls, toggle switches, and optional Designer color

- RMB: Only one RMB per strip heater or one strip heater per RMB
- RMB: Available in the Designer Colors and the Gloss Finishes (see page 6 for colors)







- with two relays
- RMB2: Compatible with most Hatco Strip Heaters (GR, GRA, GRAH, GRAIH, GR2A, GR2AH, GRN, and GRNH series)
- RMB2: Multiple foodwarmers may be connected to one RMB2 if the combined current draw of the warmer is less than the rating for the RMB2



60 Watt Standard Display

HIGHLIGHT YOUR OPERATION

60 Watt standard display bulbs that are specially coated to guard against injury and food contamination in the event of breakage. Both meet the Standards for food holding and display areas.

REMOTE CONTROL ENCLOSURE

Model	Description		Vo	ltage	٧	Vidth	
RMB-3A, -3B, -3C	1 Infinite		120, 2	208, 240	51/2"	(140	mm)
RMB-3D	1 Toggle		120, 2	208, 240	51/2"	-	mm)
RMB-3E	2 Toggle		120, 2	208, 240	51/2"	(140	mm)
RMB-3F, -3G, -3H	1 Toggle 1 Indicator		120, 2	208, 240	51/2"	(140	mm)
RMB-7A, -7B, -7C	2 Infinite		120, 2	208, 240	9"	(229	
RMB-7D	3 Toggle		120, 2	208, 240	9"	(229	mm)
RMB-7E	4 Toggle		120, 2	208, 240	9"	(229	mm)
RMB-7F, -7G, -7H	1 Infinite 1 Indicator		120, 2	208, 240	9"	(229	mm)
RMB-7I, -7J, -7K	2 Toggle 2 Indicator		120, 2	208, 240	9"	(229	mm)
RMB-7L, -7M, -7N	1 Toggle 1 Infinite		120, 2	208, 240	9"	(229	mm)
RMB-70, -7P, -7Q	1 Toggle 1 Infinite 1 Indica	ator	120, 2	208, 240	9"	(229	mm)
RMB-14A, -14B, -14C	3 Infinite		120, 2	208, 240	14"	(356	mm)
RMB-14D, -14E, -14F	4 Infinite		120, 2	208, 240	14"	(356	mm)
RMB-14G	5 Toggle		120, 2	208, 240	14"	(356	mm)
RMB-14H	6 Toggle		120, 2	208, 240	14"	(356	mm)
RMB-14I, -14J, -14K	3 Toggle 3 Indicator		120, 2	208, 240	14"	(356	mm)
RMB-14L, -14M, -14N	2 Infinite 2 Indicator		120, 2	208, 240	14"	(356	mm)
RMB-14O, -14P, -14Q	2 Toggle 2 Infinite		120, 2	208, 240	14"	(356	mm)
RMB-14R, -14S, -14T	1 Toggle 1 Infinite w/Rela	y 1 Indicator	120, 2	208, 240	14"	(356	mm)
RMB-14V, -14W, -14Y	1 Toggle 2 Infinite		120, 2	208, 240	14"	(356	mm)
RMB-14AA, -14AB	1 Toggle 1 Electronic Infir	nite w/Relay	120, 2	208, 240	14"	(356	mm)
RMB-14AF, -14AG, -14AH	3 Toggle 2 Indicator		120, 2	208, 240	14"	(356	mm)
RMB-14AI, -14AJ, -14AK	1 Toggle 3 Infinite		120, 2	208, 240	14"	(356	mm)
RMB-14AL, -14AM, -14AN	1 Toggle 2 Infinite 2 Indica	ator	120, 2	208, 240	14"	(356	mm)
RMB-14AO, -14AP, -14AQ	1 Toggle 2 Infinite 3 Indica	ator	120, 2	208, 240	14"	(356	mm)
RMB-14AR, -14AS, -14AT	1 Infinite with Relay 1 Ind	icator	120, 2	208, 240	14"	(356	mm)
RMB-16B, -16C, -16D	1 Toggle 4 Infinite		120, 2	208, 240	16"	(406	mm)
RMB-16E, -16F, -16G	3 Toggle 2 Infinite		120, 2	208, 240	16"	(406	mm)
RMB-20A, -20B, -20C	3 Toggle 4 Infinite		120, 2	208, 240	20"	(508	mm)
RMB-20D, -20E, -20F	3 Toggle 2 Infinite		120, 2	208, 240	20"	(508	mm)
RMB-20G, -20H, -20I	2 Toggle 4 Infinite		120, 2	208, 240	20"	(508	mm)
RMB-20J, -20K, -20L	3 Toggle 4 Infinite 4 Indica	ator	120, 2	208, 240	20"	(508	mm)
RMB-20M, -20N, -20P	3 Toggle 2 Infinite 2 Indica	ator	120, 2	208, 240	20"	(508	mm)
RMB-20R, -20S, -20T	2 Toggle 4 Infinite 4 Indica	ator	120, 2	208, 240	20"	(508	mm)
RMB-20U, -20V, -20W	3 Toggle 3 Infinite 3 Indica	ator	120, 2	208, 240	20"	(508	mm)
RMB-20AA, -20AB, -20AC	2 Toggle 2 Infinite 2 Indica	ator	120, 2	208, 240	20"	(508	mm)
RMB-20AF, -20AG, -20AH	4 Infinite 4 Indicator		120, 2	208, 240	20"	(508	mm)
Model De	scription	Voltage		Amps		Wic	ith
	nite 1 Relay 1 Indicator	120, 208,	240	12, 16, 20	11	" (279	mm)
RMB2-2R 1 Toggle 1 Infi	nite 2 Relays 1 Indicator	120, 208,	240	24, 32, 40	14	" (355	mm)

OPTIONAL MOUNTINGS/SELECTION GUIDE/RECOMMENDED RANGE TARGET

MOUNTING ARRANGEMENTS



DESIGNER NON-ADJUSTABLE STANDS (GR2A **SERIES ONLY)**

Sturdy stands conceal all hook-up wiring. Available in Designer colors.

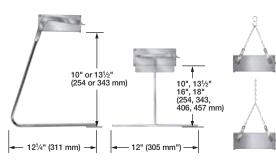
NON-ADJUSTABLE TUBULAR STANDS

Sturdy stands conceal all hook-up wiring. Available in Designer colors. Duals require two pair. Also available in 4" (102 mm), 6" (152 mm), or 8" (203 mm) lengths for Infra-Black models.



ADJUSTABLE TUBULAR STANDS

Sturdy tubular stands conceal all hook-up wiring. Duals require two pair. (Not available on Max Watt or Ultra-Glo models)



C-LEG STANDS

Attractive chrome plated legs allow easy relocation of the warmer. For models 6' (1829 mm) or less in width. (Not available on Max Watt or Ultra-Glo models)

T-LEG **STANDS**

Provide rigid stability and allow for more pass-through area below unit. For models 6' (1829 mm) or less in width. (Not available on Max Watt or Ultra-Glo models)

CHAIN SUSPENSION

Chains attach to tabs provided with warmers and are available in various lengths to suit the location. Duals require two pair. (Not available on Max Watt or Ultra-Glo models)

ANGLE BRACKETS

11/16" (27 mm)

6" (152 mm)

2%" (60 mm)

(25 mm)

Special adjustable angle brackets fit 6" (152 mm) or 9" (229 mm) housings for mounting Glo-Ray under a shelf. Provides 1"-2" (25 mm to 51 mm) space between Glo-Ray and overshelf. Duals require two pair. (Standard on Max Watt or Ultra-Glo models)

STRIP HEATER SELECTION GUIDE

Model	Height Over Target	Infrared Intensity	Heat Pattern	Type of Element	Feature	Control
Ultra-Glo®	HI	HI	Pyramid	Ceramic	Intensity	Toggle/Infinite
Glo-Ray® Designer	MED	MED	Tent	Metal Sheath	Styling	Toggle/Infinite
Glo-Ray Narrow	MED	MED	Tent	Metal Sheath	Slim Size	Toggle/Infinite
Glo-Ray Metal Sheathed	MED	MED	Tent	Metal Sheath	Economical	Toggle/Infinite
Glo-Ray Narrow Halogen	MED	HI	Tent	Halogen	Heat/Light	Rheostat
Glo-Ray Infrared Black	LO	LO	Straight Down	Black Emitter	Gentle Heat	Toggle/Infinite/ T-Stat

DETAILS OF STRIP HEATER RECOMMENDED RANGE ABOVE TARGET*

(Based on 24" (610 mm) Foodwarmers):

ULTRA-GLO

SINGLES AND DUALS (UGA, UGA-D, UGAH, UGAH-D, UGAL, UGAL-D, UGAHL, UGAHL-D) - May not be installed in combustible surroundings. Non-combustibles: 1" (25 mm) above, 17" (432 mm) high watt or 14" (356 mm) standard watt from a surface below, and 3" (76 mm) from a

DUAL MOUNTING: Do not mount warmers side by side (dual mounting) with less than a 3" (76 mm) space between units.

GLO-RAY METAL SHEATHED

SINGLES (GRA, GRAL, GRAH, GRAHL GRN) SINGLES DESIGNER (GR2A, GR2AH, GR2AL, GR2AHL) -

Combustibles: 131/2" (343 mm) high watt or 10" (254 mm) standard watt below, 1" (25 mm) above, and 3" (76 mm) to back wall. Non-combustibles: 1" (25 mm) above, 10' (254 mm) below for high watt with infinite or indicator lamp, and 8" (203 mm) below for high watt toggle or standard watt. Must be installed in a pass-through area. Units with remote switches may be installed against a non-combustible back wall, flush to an overshelf, and 8" (203 mm) to a surface below. Maximum 10" (254 mm) setback from the front of an overshelf. Models with cords must be installed 3" (76 mm) below an overshelf and 11" (279 mm) high watt or 10" (254 mm) standard watt over a surface below.

GLO-RAY METAL SHEATHED

DUALS (GRA-D, GRAH-D, GRAL-D, GRAHL-D) DUALS DESIGNER (GR2A, GR2AH, GR2AL, GR2AHL) -

May not be installed in combustible surroundings. Non-combustibles: 1" (25 mm) above, 10" (254 mm) below. Must be installed in a pass-through area. Units with remote switches may be installed 3" (76 mm) from a non-combustible back wall, 8" (203 mm) from surface below, and flush to an overshelf. Maximum 10" (254 mm) setback from the front of an overshelf.

SINGLES MAX-WATT (GRAM, GRAML) -

May not be installed in combustible surroundings. Non-Combustibles: 1" (25 mm) above, 12" (305 mm) to surface and 3" (76 mm) from a back wall. Cord connected: 3" (76 mm) below an overshelf, 12" (305 mm) from surface below. Maximum 10" (254 mm) setback from the front of an overshelf

DUALS (GRAM-D, GRAML-D) -

May not be installed in combustible surroundings. Non-Combustibles: Units may be installed 3" (76 mm) from a non-combustible back wall, 1" (25 mm) below an overshelf, 15" (381 mm) to surface below. Maximum 10" (254 mm) setback from the front of an overshelf.

GLO-RAY NARROW HALOGEN

SINGLES (GRN4, GRN4L) -

Combustibles: Minimum of 10" (254 mm) above surface, and 2" (50 mm) from a back wall. Non-Combustibles: 7" (178 mm) above, and 2" (50 mm) from a back wall.

GLO-RAY INFRA-BLACK

SINGLES (GRAIH, GRAIHL, GRAIHL-D, GRAIH-D) -May not be installed in combustible surroundings. Non-combustibles: 1" (25 mm) above and 4" (102) below. Must be installed in a pass-through area. Units with remote switches may be installed 3" (76 mm) from a non-combustible back wall and flush to an overshelf. Maximum 10" (254 mm) setback from the front of an overshelf.

DEPTH OF HEAT PATTERN AT RECOMMENDED ELEMENT HEIGHT

Recommended single unit application without base heat, based on ideal conditions. Individual applications may vary, consult factory.



ORDERING INSTRUCTIONS



ULTRA-GLO® CERAMIC FOODWARMERS:

- 1. Choose a length
- 2. Single or dual warmer
- 3. Standard or high watt
- 4. Lights or no lights
- 5. Voltage: 120, 208, 240 or 120/208, 120/240 for units with lights
- Must choose attached or remote control box w/toggle and indicator light (included with price of warmer) OR a RMB (for use when an infinite control is requested, there is an additional charge for this — only one RMB per foodwarmer, and only one foodwarmer per RMB)



GLO-RAY® NARROW HALOGEN FOODWARMERS:

- 1. Choose a length
- 2. Voltage: 120
- 3. Includes remote control enclosure
- 4. Lights or no lights



DESIGNER GLO-RAY® FOODWARMERS:

- 1. Choose a length
- 2. Single or dual warmer
- 3. Standard or high watt
- 4. Lights or no lights
- Voltage: 120, 208, 240 or 120/208, 120/240 for units with lights
- Must choose remote toggle, remote infinite or RMB (only one RMB per foodwarmer, and only one foodwarmer per RMB)



INFRA-BLACK® FOODWARMERS:

- 1. Choose a length
- 2. Single or dual warmer
- 3. Lights or no lights
- Voltage: 120, 208, 240 or 120/208, 120/240 for units with lights
- Must choose remote toggle, remote infinite, RMB or TCBI control box (only one RMB or TCBI per foodwarmer, and only one foodwarmer per RMB or TCBI)

Unique Needs, Exact Solutions.



GLO-RAY® NARROW FOODWARMERS:

- 1. Choose a length
- 2. Standard or high watt
- 3. Voltage: 120, 208, 240
- Must choose built-in toggle (std), remote toggle, remote infinite or RMB (only one RMB per foodwarmer, and only one foodwarmer per RMB)



1. Choose a length

- 2. Single or dual warmer
- 3. Standard, high or max watt
- 4. Lights or no lights
- Voltage: 120, 208, 240 or 120/208, 120/240 for units with lights
- Must choose built-in toggle (std) or infinite, remote toggle or infinite, or RMB (only one RMB per foodwarmer, and only one foodwarmer per RMB – GRAM models include remote or attached control box only)



TYPICAL CONDUIT CONNECTION

Glo-Ray strip heaters come standard with right angle attached 3' (914 mm) conduit and 42" (1067 mm) leads on back of unit (Narrow Strip Heater standard with 6" [152 mm] leads, no conduit).



(FOOD SERVICE MACHINERY PTY. LTD.)

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