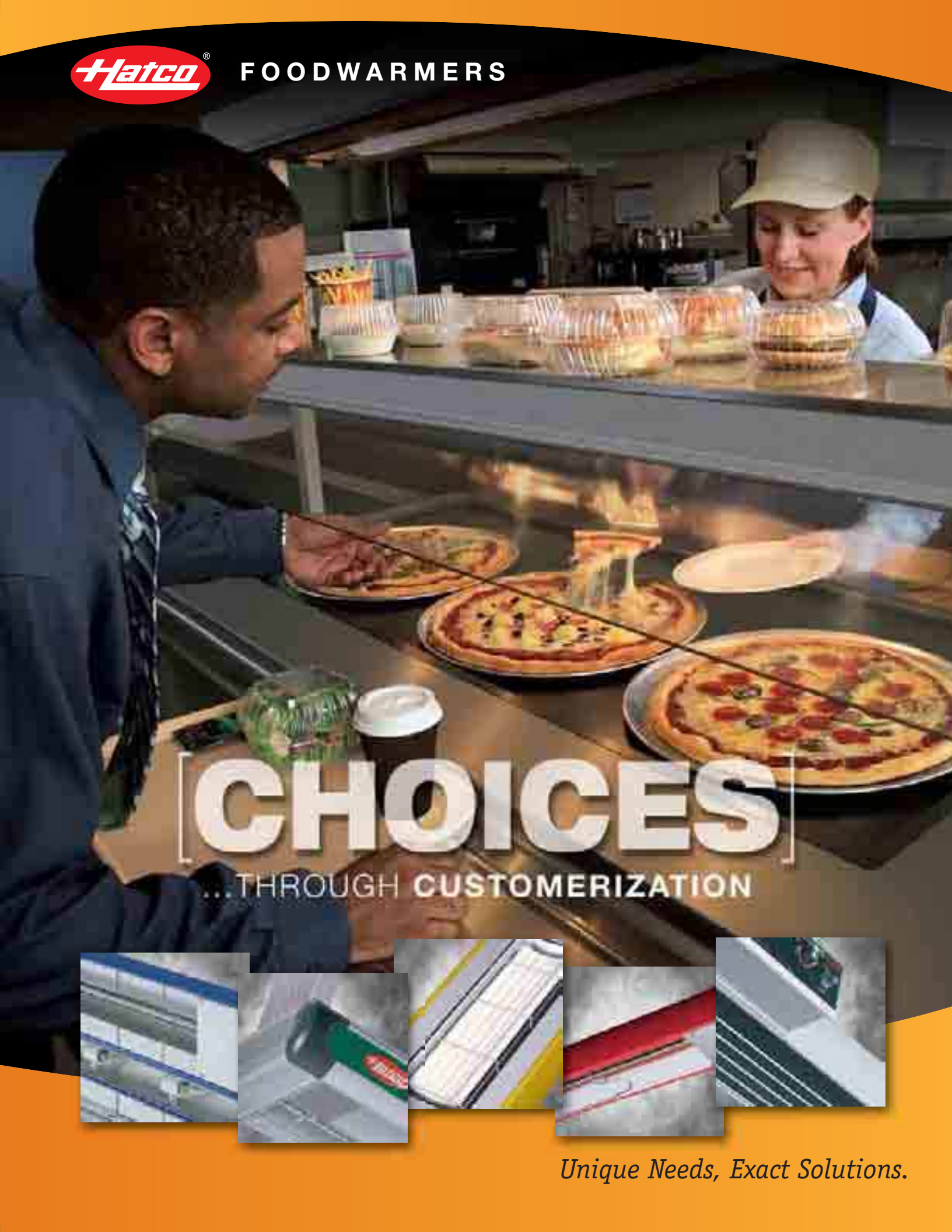# Hatco® FOODWARMERS

[CHOICES]

...THROUGH CUSTOMERIZATION

Unique Needs, Exact Solutions.

ULTRA-GLO®

HEATING WITHOUT CONSEQUENCES

Sturdy Aluminum Housings that do not sag, from 18" up to 72" (457-1829 mm) in 6" (152 mm) increments.

Adjustable standard Mounting Bracket (allows 3 different mounting positions and allows for conduit connection to the end of the unit).

Heavy-duty Insulation surrounds heating element to keep exterior housing cooler and minimize heat loss.

Dual Aluminized Steel Reflector keeps housing cooler, focuses more heat towards the food. Doesn't blacken with use, retaining full heat intensity.

Shape of element focuses the heat on the food.

Wire Guards protect users from incidental contact with the elements.

DESIGNER COLORS (optional)

Warm Red	Black	Gray Granite
White Granite	Navy Blue	Hunter Green

GLOSS COLORS (optional)

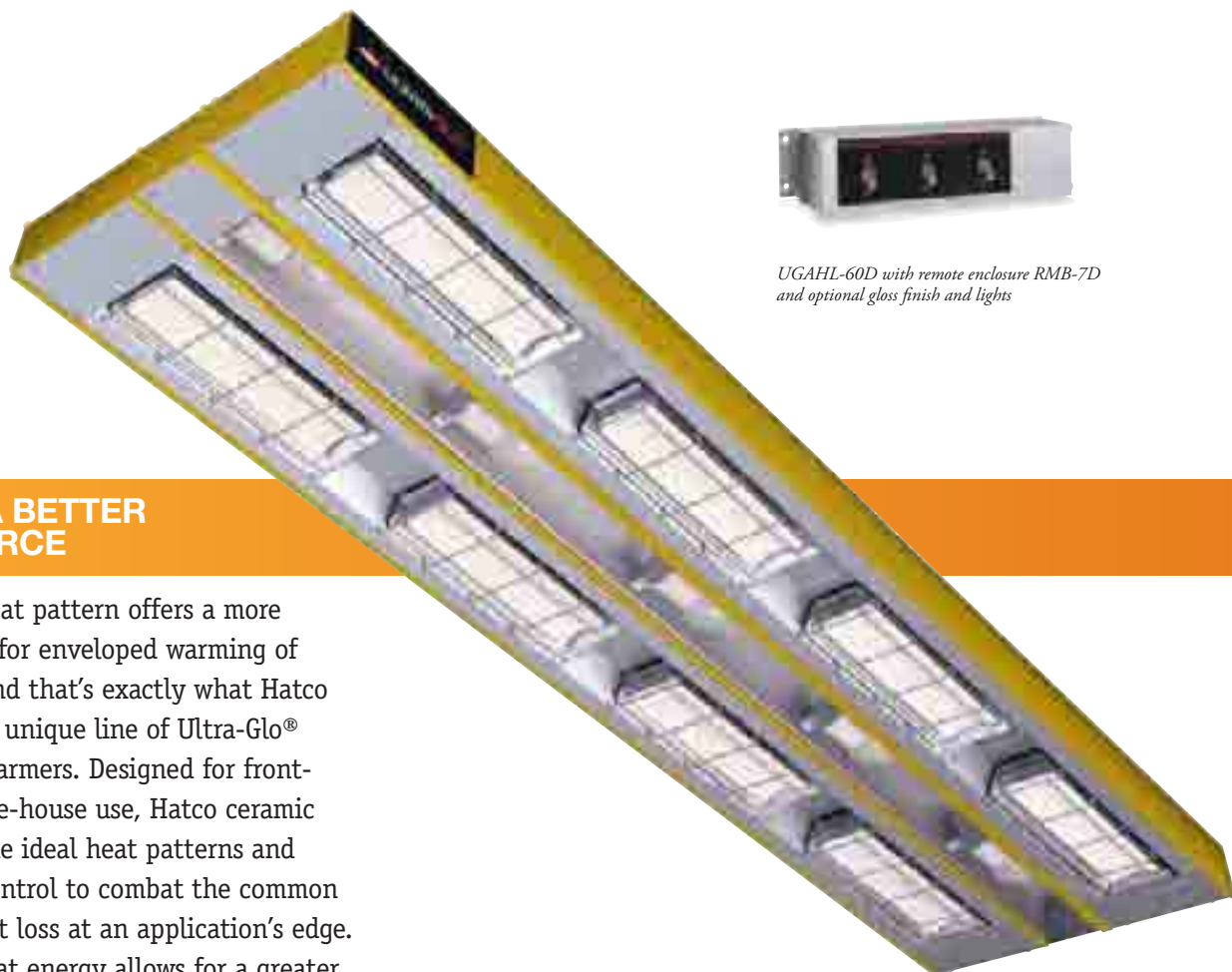| Radiant Red	Gleaming Gold	Glossy Gray
Brilliant Blue	Bold Black	

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

UGAHL-60D with remote enclosure RMB-7D and optional gloss finish and lights

CHOOSE A BETTER HEAT SOURCE

A pyramidal heat pattern offers a more complete field for enveloped warming of your foods – and that's exactly what Hatco offers with the unique line of Ultra-Glo® Ceramic Foodwarmers. Designed for front- and back-of-the-house use, Hatco ceramic warmers provide ideal heat patterns and temperature control to combat the common problem of heat loss at an application's edge. The intense heat energy allows for a greater working space between the warmer and the holding surface. Side-to-side and front-to-back prefocused holding heat without continued cooking, drying, or discoloration is now possible. Hatco has a wide range of standard and custom models, configurations, and colors. The Choice is Yours.

- Increased height that the ceramic heat source affords improves operational working clearances, giving the chef and server an improved ergonomic environment in which to work

- Adaptable to any location and configuration, including back- or front-of-the-house use, open kitchen concepts, or buffet lines

- Sturdy continuous aluminum housings eliminate sagging

- Pre-focused heat pattern provides an increased pyramidal dimension, concentrating heat at the edges where heat loss is the greatest

- Available in widths from 18" to 72" (457 mm to 1829 mm)

- Remote control enclosure with toggle switch, indicator lights and wiring for convenient control placement

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Unique Needs, Exact Solutions.

Hatco®

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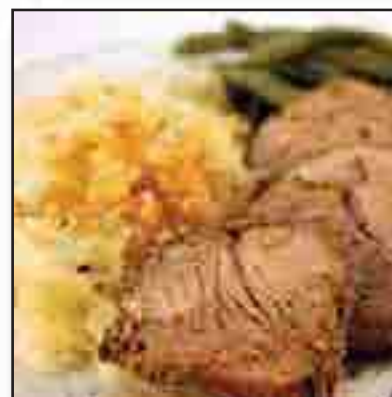
CHOOSE CONSISTENT HEAT AND CONTEMPORARY DESIGN

Now the quality holding temperatures of the Glo-Ray® line are available with Hatco's unique and chic *Designer* presentation.
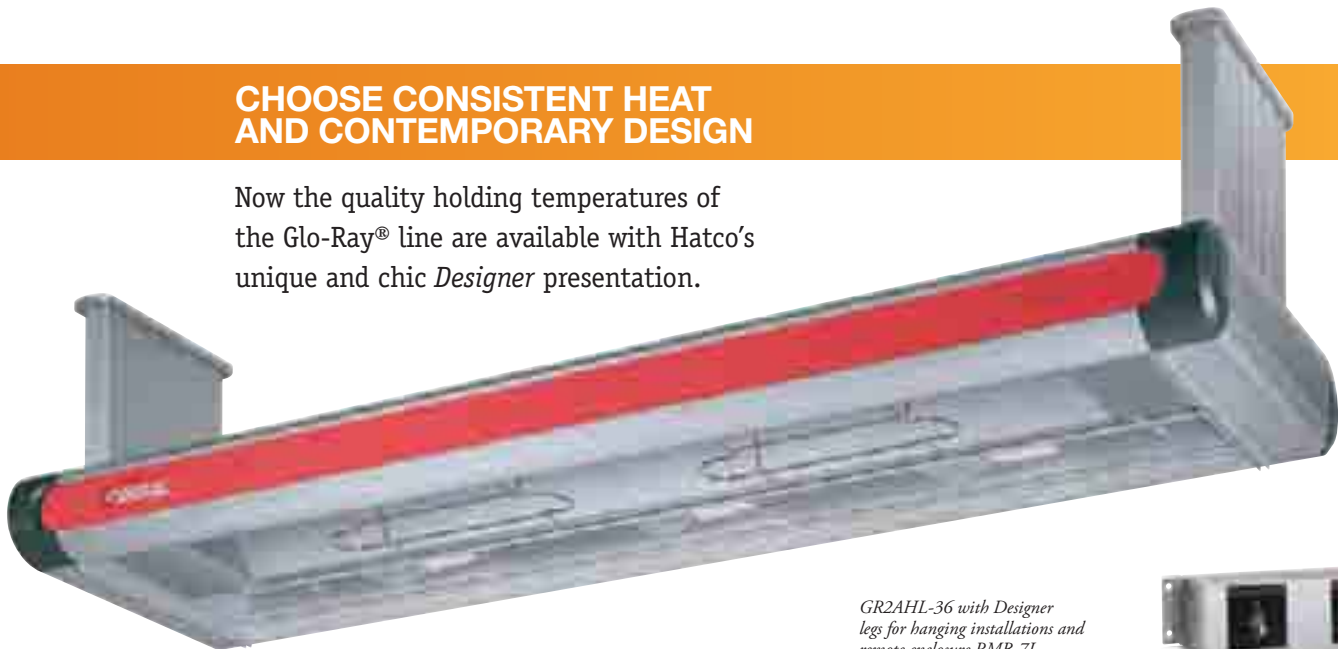
GR2AHL-36 with Designer legs for hanging installations and remote enclosure RMB-7L

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 powdercoated surfaces provide easy-to-clean durability. Colored units, inset panels, and accessories let you choose the foodwarmer that will enhance your décor. The Choice is Yours.

- 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

DESIGNER
GLO-RAY®
OPTIMUM PERFORMANCE IN A MODERN STYLE
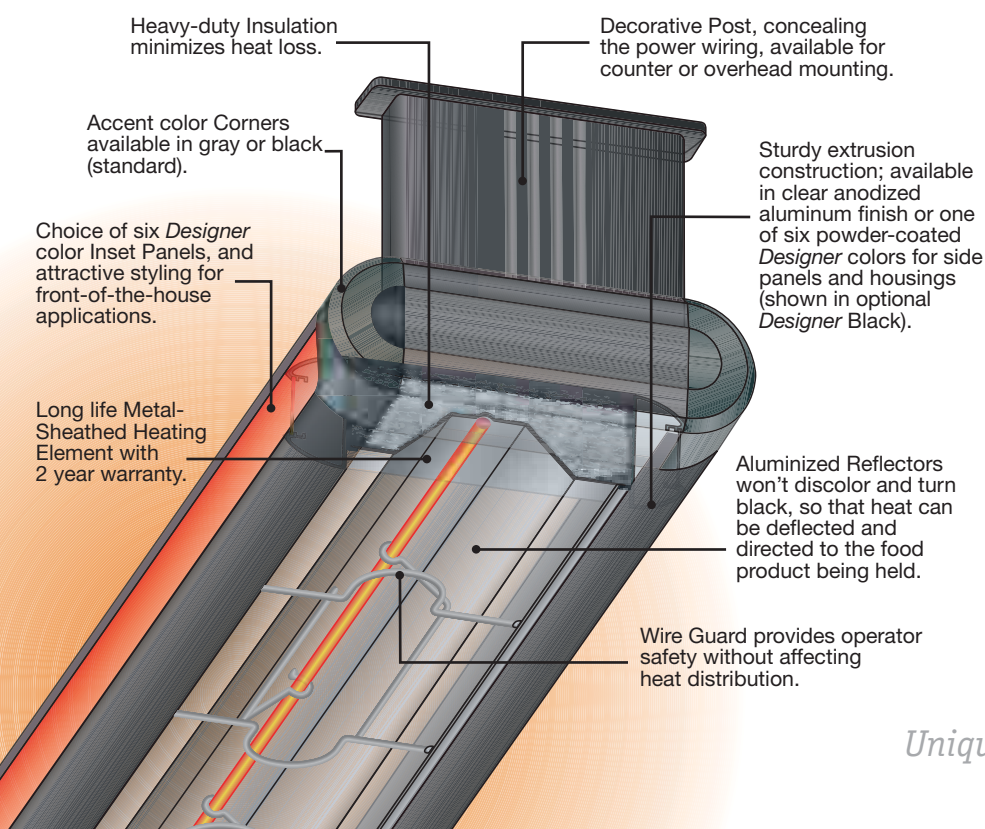
Heavy-duty Insulation minimizes heat loss.

Decorative Post, concealing the power wiring, available for counter or overhead mounting.

Accent color Corners available in gray or black (standard).

Choice of six *Designer* color Inset Panels, and attractive styling for front-of-the-house applications.

Sturdy extrusion construction; available in clear anodized aluminum finish or one of six powder-coated *Designer* colors for side panels and housings (shown in optional *Designer* Black).

Long life Metal-Sheathed Heating Element with 2 year warranty.

Aluminized Reflectors won't discolor and turn black, so that heat can be deflected and directed to the food product being held.

Wire Guard provides operator safety without affecting heat distribution.

DESIGNER COLORS (optional)

Warm Red	Black	Gray Granite
White Granite	Navy Blue	Hunter Green

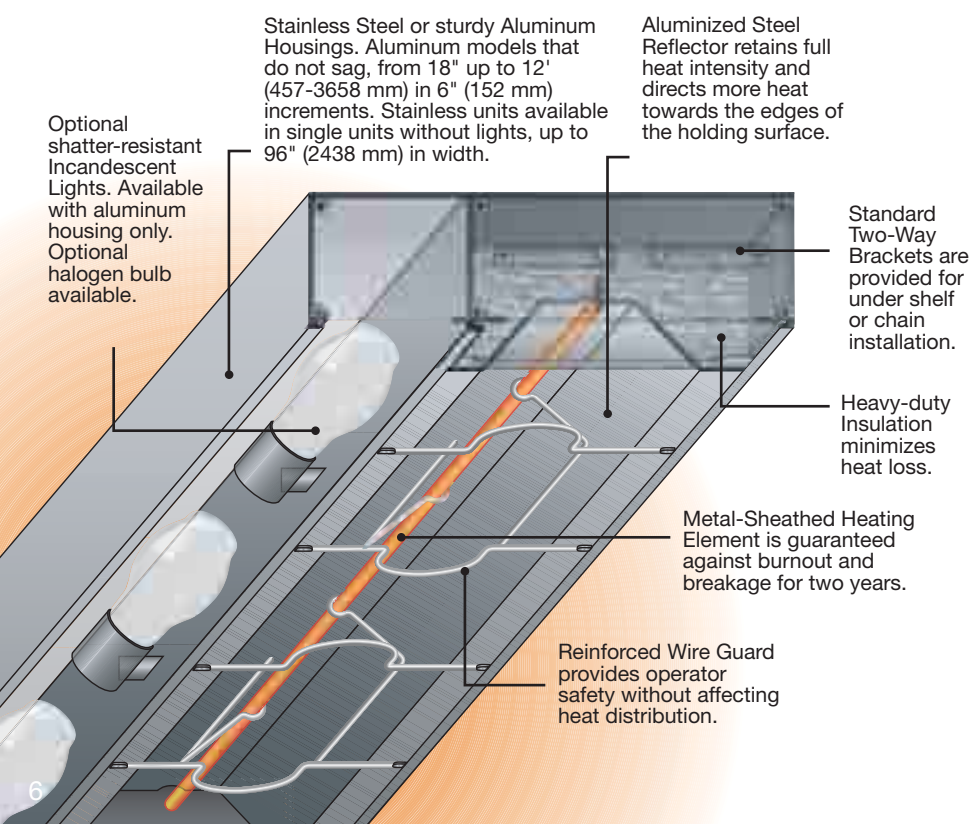Printed colors are a representation and may not exactly match our *Designer* Colors.

Unique Needs, Exact Solutions.

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GLO-RAY®
INFRARED STRIP HEATERS

HEATING TECHNOLOGY FOR EVERY APPLICATION

Optional shatter-resistant Incandescent Lights. Available with aluminum housing only. Optional halogen bulb available.

Stainless Steel or sturdy Aluminum Housings. Aluminum models that do not sag, from 18" up to 12' (457-3658 mm) in 6" (152 mm) increments. Stainless units available in single units without lights, up to 96" (2438 mm) in width.

Aluminized Steel Reflector retains full heat intensity and directs more heat towards the edges of the holding surface.

Standard Two-Way Brackets are provided for under shelf or chain installation.

Heavy-duty Insulation minimizes heat loss.

Metal-Sheathed Heating Element is guaranteed against burnout and breakage for two years.

Reinforced Wire Guard provides operator safety without affecting heat distribution.
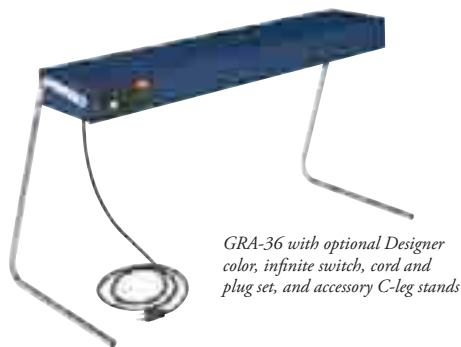
DESIGNER COLORS (optional)

Warm Red

Black

Gray Granite

White Granite

Navy Blue

Hunter Green

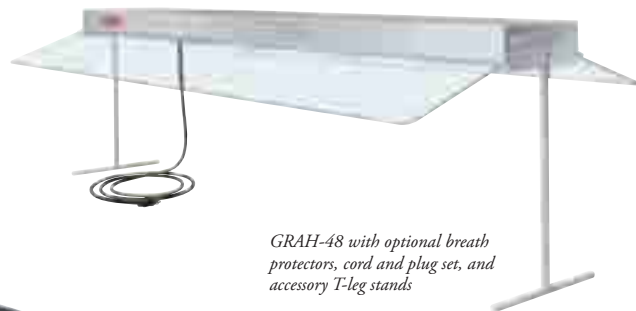## GLOSS COLORS (optional)

Radiant Red

Gleaming Gold

Glossy Gray

Brilliant Blue

Bold Black

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

GRA-36 with optional Designer color, infinite switch, cord and plug set, and accessory C-leg stands

GRAH-48 with optional breath protectors, cord and plug set, and accessory T-leg stands

GRAHL-72D in optional Designer color, and 3" (76 mm) spacer, lights, and tandem elements with required remote enclosure RMB-7D.

CHOOSE THE EFFECTIVENESS OF INFRARED

Hatco's Glo-Ray® line offers triple benefits: 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. The continuous aluminum housing, and heavy-duty mountings ensure the durability and quality of an industrial Hatco product. 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, 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

- 3" or 6" (76 mm or 152 mm) spacer available

- Heavy-duty insulation minimizes heat loss

- Optional shatter-resistant incandescent and halogen lights available

- Optional breath protectors and mounting arrangements available (standard and high watt only)

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Unique Needs, Exact Solutions.

GLO-RAY®
NARROW

OPTIMUM TEMPERATURES IN A SLIM DESIGN

DESIGNER COLORS

Warm Red	Black
White Granite	Gray Granite
Navy Blue	Hunter Green

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

GRN-24 with standard angle brackets and optional Designer color

Only 2" (51 mm) high and 4" (102 mm) deep!

GLO-RAY® NARROW
INFRARED STRIP HEATERS

Hatco Glo-Ray Narrow Infrared Foodwarmers keep all hot foods at optimum serving temperatures longer, while the slim design fits ideally in buffet areas. 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.

- Has a slim design that's only 2" (51 mm) in height and 4" (102 mm) deep

- Available in widths from 18"-72" (457 mm to 1829 mm)

- Prefocused heat pattern maintains serving temperatures longer without continuing to cook the food

Heavy-duty Insulation minimizes heat loss.

Aluminized Steel Reflector retains full heat intensity and directs more heat towards the edges of the holding surface.

Powdercoated steel continuous housing in one of six *Designer* Colors.

Reinforced Wire Guard provides operator safety without affecting heat distribution.

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INFRA-BLACK®

STABLE HEAT IN AN UNSTABLE ENVIRONMENT

CHOOSE BALANCED AND CONSISTENT HEAT

Wire Guard available to protect user from incidental contact with the heated surface.

Thermostatically controlled to regulate heat and provide constant temperature.

Heavy-duty Insulation to keep the exterior housing cool.

Infra-Black Emitter provides even heat distribution, eliminating hot spots.

Provides ideal amount of heat for limited space operations, effectively holding product from 4"-10" (102-254 mm) above target surface.

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 are also easily adjustable 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.
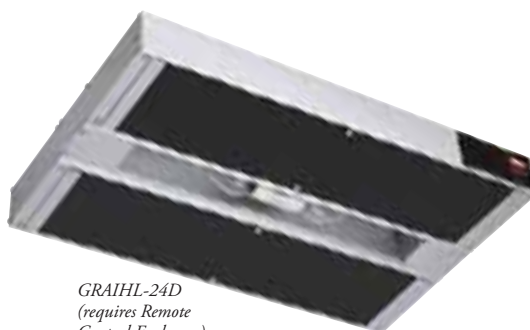
GRAIHL-24D
(requires Remote Control Enclosure)

- 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

- Metal-sheathed heating elements guaranteed against burnout and breakage for two years

- Infra-Black emitter provides even heat distribution – eliminating hot spots

- Sturdy aluminum housings that do not sag, from 18" to 72" (457 mm to 1829 mm) in 6" (152 mm) increments

- Heavy-duty insulation keeps the exterior housing cool

- Wire guard available to protect user from incidental contact with the heated surface

- Optional 3" (76 mm) and 6" (152 mm) spacer available on dual models

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REMOTE CONTROL ENCLOSURES

Hatco Remote Control Enclosures are built in accordance with UL standards for toggle or infinite switches, indicator lights, and wiring, ready for installation when purchased with Glo-Ray® strip heaters. These units are built for toggle or infinite switches, indicator lights, and wiring. Use no more than one RMB per strip heater, nor more than one strip heater per RMB.

RMB-7L with toggle switch and infinite control

RMB-7D with toggle switches and optional Designer color

RMB-20U with infinite controls and toggle switches

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

RMB-14E with infinite controls

RMB-3F with toggle switch and indicator light

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

DESIGNER COLORS (optional)

Warm Red   Black   Gray Granite

White Granite   Navy Blue   Hunter Green

GLOSS COLORS (optional)

Radiant Red   Gleaming Gold   Glossy Gray

Brilliant Blue   Bold Black

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

60 Watt Halogen

60 Watt Standard Display
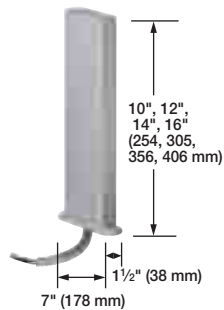
HIGHLIGHT YOUR OPERATION

Opt for the light of your choice, 60 Watt standard display or halogen bulbs that are specially coated to guard against injury and food contamination in the event of breakage. Both meet the NSF Standards for food holding and display areas.
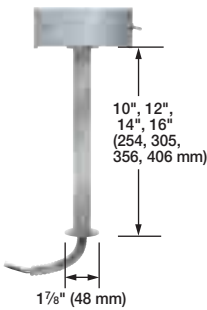
REMOTE CONTROL ENCLOSURE

Model	Description	Voltage	Width
RMB-3A, -3B, -3C	1 Infinite	120, 208, 240	5^1/$_2$" (140 mm)
RMB-3D	1 Toggle	120, 208, 240	5^1/$_2$" (140 mm)
RMB-3E	2 Toggle	120, 208, 240	5^1/$_2$" (140 mm)
RMB-3F, -3G, -3H	1 Toggle 1 Indicator	120, 208, 240	5^1/$_2$" (140 mm)
RMB-7A, -7B, -7C	2 Infinite	120, 208, 240	9" (229 mm)
RMB-7D 3	Toggle	120, 208, 240	9" (229 mm)
RMB-7E 4	Toggle	120, 208, 240	9" (229 mm)
RMB-7F, -7G, -7H	1 Infinite 1 Indicator	120, 208, 240	9" (229 mm)
RMB-7I, -7J, -7K	2 Toggle 2 Indicator	120, 208, 240	9" (229 mm)
RMB-7L, -7M, -7N	1 Toggle 1 Infinite	120, 208, 240	9" (229 mm)
RMB-7O, -7P, -7Q	1 Toggle 1 Infinite 1 Indicator	120, 208, 240	9" (229 mm)
RMB-14A, -14B, -14C	3 Infinite	120, 208, 240	14" (356 mm)
RMB-14D, -14E, -14F	4 Infinite	120, 208, 240	14" (356 mm)
RMB-14G	5 Toggle	120, 208, 240	14" (356 mm)
RMB-14H	6 Toggle	120, 208, 240	14" (356 mm)
RMB-14I, -14J, -14K	3 Toggle 3 Indicator	120, 208, 240	14" (356 mm)
RMB-14L, -14M, -14N	2 Infinite 2 Indicator	120, 208, 240	14" (356 mm)
RMB-14O, -14P, -14Q	2 Toggle 2 Infinite	120, 208, 240	14" (356 mm)
RMB-14R, -14S, -14T	1 Toggle 1 Infinite w/Relay 1 Indicator	120, 208, 240	14" (356 mm)
RMB-14U	Master Toggle Infinite w/Relay	120	14" (356 mm)
RMB-14V, -14W, -14Y	1 Toggle 2 Infinite	120, 208, 240	14" (356 mm)
RMB-14AA, -14AB	1 Toggle 1 Electronic Infinite w/Relay	120, 208, 240	14" (356 mm)
RMB-14AF, -14AG, -14AH	3 Toggle 2 Indicator	120, 208, 240	14" (356 mm)
RMB-14AI, -14AJ, -14AK	1 Toggle 3 Infinite	120, 208, 240	14" (356 mm)
RMB-14AL, -14AM, -14AN	1 Toggle 2 Infinite 2 Indicator	120, 208, 240	14" (356 mm)
RMB-14AO, -14AP, -14AQ	1 Toggle 2 Infinite 3 Indicator	120, 208, 240	14" (356 mm)
RMB-14AR, -14AS, -14AT	1 Infinite with Relay 1 Indicator	120, 208, 240	14" (356 mm)
RMB-16B, -16C, -16D	1 Toggle 4 Infinite	120, 208, 240	16" (406 mm)
RMB-16E, -16F, -16G	3 Toggle 2 Infinite	120, 208, 240	16" (406 mm)
RMB-20A, -20B, -20C	3 Toggle 4 Infinite	208, 240, 120	20" (508 mm)
RMB-20D, -20E, -20F	3 Toggle 2 Infinite	120, 208, 240	20" (508 mm)
RMB-20G, -20H, -20I	2 Toggle 4 Infinite	120, 208, 240	20" (508 mm)
RMB-20J, -20K, -20L	3 Toggle 4 Infinite 4 Indicator	120, 208, 240	20" (508 mm)
RMB-20M, -20N, -20P	3 Toggle 2 Infinite 2 Indicator	120, 208, 240	20" (508 mm)
RMB-20R, -20S, -20T	2 Toggle 4 Infinite 4 Indicator	120, 208, 240	20" (508 mm)
RMB-20U, -20V, -20W	3 Toggle 3 Infinite 3 Indicator	120, 208, 240	20" (508 mm)
RMB-20AA, -20AB, -20AC	2 Toggle 2 Infinite 2 Indicator	120, 208, 240	20" (508 mm)
RMB-20AF, -20AG, -20AH	4 Infinite 4 Indicator	120, 208, 240	20" (508 mm)

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10", 12", 14", 16" (254, 305, 356, 406 mm)

1½" (38 mm)

7" (178 mm)

10", 12", 14", 16" (254, 305, 356, 406 mm)

1⅞" (48 mm)

10" to 14" (254 to 356 mm)

2" (51 mm)

10" or 13½" (254 or 343 mm)

12¼" (311 mm)

10", 13½", 16", 18" (254, 343, 406, 457 mm)

12" (305 mm")

1" (25 mm)

2⅜" (60 mm)

1 1/16" (27 mm)

6" (152 mm)

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.
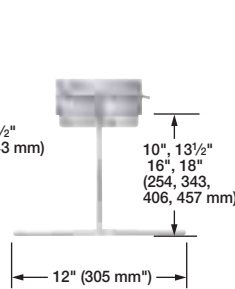
ADJUSTABLE TUBULAR STANDS

Sturdy tubular stands conceal all hook-up wiring. Duals require two pair. (Not available on max watt or ceramic models.)
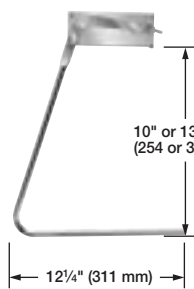
C-LEG STANDS

Attractive chrome plated legs allow easy relocation of the warmer. For models 5' (1524 mm) or less in width. (Not available on max watt or ceramic models.)
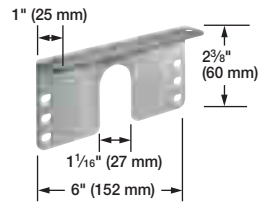
T-LEG STANDS

Provide rigid stability and allow for more pass-through area below unit. For models 5' (1524 mm) or less in width. (Not available on max watt or ceramic 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 ceramic models.)

ANGLE BRACKETS

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.

RECOMMENDED GLO-RAY® / ULTRA-GLO® STRIP HEATER BASED ON DISTANCE TO TARGET NON-FLAMMABLE SURFACE* BASED ON 24" (610 mm) FOODWARMER
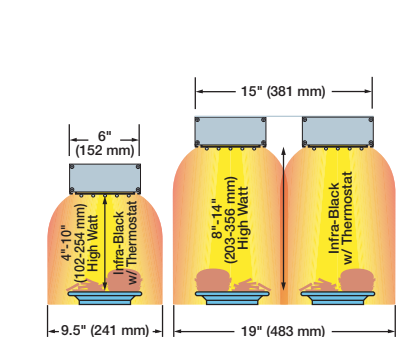
METAL-SHEATHED HEATING ELEMENT
RECOMMENDED RANGE ABOVE TARGET
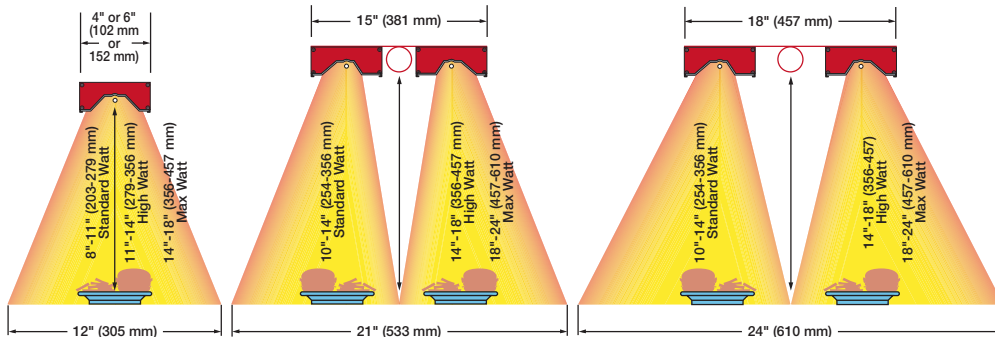
INFRA-BLACK® HEATING ELEMENT
RECOMMENDED RANGE ABOVE TARGET

STRIP HEATER SPACING REQUIREMENTS

SINGLES (GRA, GRAL, GRAH, GRAHL) –
Combustibles: 13½" (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.

SINGLES (GRAM, GRAML) –
May not be installed in combustible surroundings. Non-Combustibles: Pass through area: 1" (25 mm) above, 12" (305 mm) to surface below Corner mount: 3" (76 mm) from non-combustible back wall 12" (305 mm) to surface below. Cord connected: 3" (76 mm) below an overshelf, 12" (305 mm) to surface below. Maximum 10" (254 mm) setback from the front of an overshelf.

ULTRA-GLO (UGA, UGAH, UGAL, UGAHL, singles and duals) –
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 back wall.

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

Remote Control Enclosures: When used, no more than one RMB per strip heater, and no more than one strip heater per RMB.

DUALS (GRA-D, GRAH-D, GRAL-D, GRAHL-D) –
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) to surface below, and flush to an overshelf. 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.

INFRA-BLACK (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.

CERAMIC HEATING ELEMENT
RECOMMENDED RANGE ABOVE TARGET
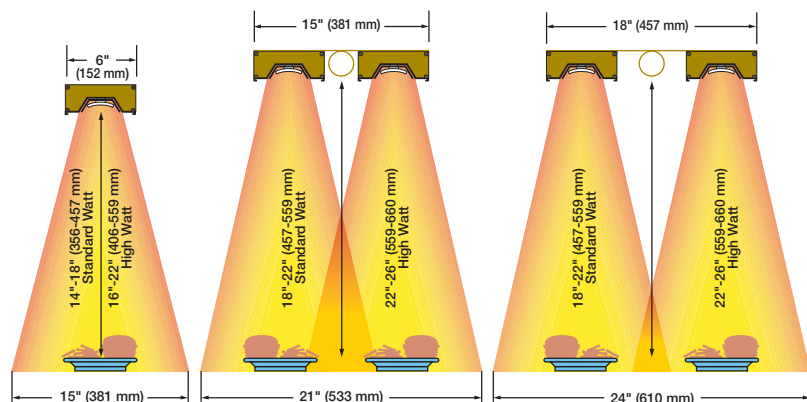
DEPTH OF HEAT PATTERN AT RECOMMENDED ELEMENT HEIGHT

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

Unique Needs, Exact Solutions.

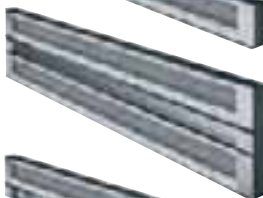Hatco®

GRA-72, GRAH-72 or GRAM-72

GRA-72D, GRAH-72D or GRAM-72D

GRAL-72, GRAHL-72 or GRAML-72

GRAL-72D, GRAHL-72D or GRAML-72D

GRAIH-60

GRAIH-60D

GRAIHL-60

GRAIHL-60D

UGA-60 or UGAH-60

UGA-60D or UGAH-60D

UGAL-60 or UGAHL-60

UGAL-60D or UGAHL-60D

GLO-RAY® METAL SHEATHED FOODWARMERS:

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

INFRA-BLACK® FOODWARMERS:

1. Choose a length
2. Single or dual warmer
3. Lights or no lights
4. Voltage: 120, 208, 240 or 120/208, 120/240 for units with lights
5. 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)

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
6. 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)

GRN-24 or GRNH-24

GR2A-36 or GR2AH-36

GR2A-36D or GR2AH-36D

*GR2AL-36 or GR2AHL-36*

GR2AL-36D or GR2AHL-36D

GLO-RAY® NARROW FOODWARMERS:

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

DESIGNER GLO-RAY® 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
6. Must choose remote toggle, remote infinite or RMB (only one RMB per foodwarmer, and only one foodwarmer per RMB)
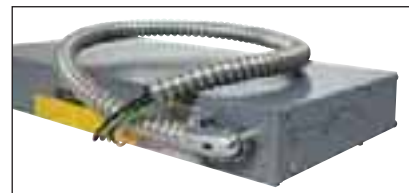
TYPICAL CONDUIT CONNECTION
Glo-Ray strip heaters come standard with right angle attached 3' (914 mm) conduit and 42" (1067 mm) leads on back of unit (Narrow Strip Heater standard with 6" [152 mm] leads, no conduit).

Unique Needs, Exact Solutions.
At Hatco we look, listen, and bring our full experience to your operation. "Customerization" is our brand promise… providing you with foodservice innovations that build your profits. That's Hatco, and that's always good for business. ***Contact us today for all of your foodservice equipment needs.***