



Strip Heater Solutions

*Cafeterias • Buffets • Supermarkets & Delis
Restaurants & Cafés • Clubs & Bars*



GR5AL-24 in optional Gloss finish Gleaming Gold with standard matching end plates *pg. 5*



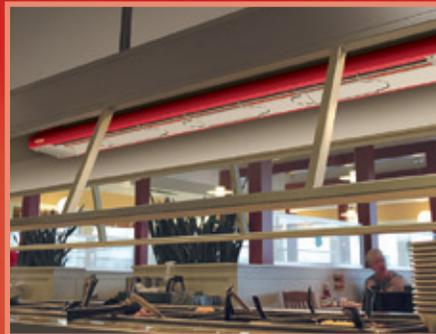
GRAL-48 *pg. 7*



GRAH-42D with optional 6" spacer and non-adjustable tubular stands *pg. 9*



GRAML-60D with optional non-adjustable tubular stands *pg. 15*



GRNH-48 with standard angle brackets and optional *Designer* color (sneeze guards as shown not available) *pg. 19*



GRAIHL-48 requires Remote Control Enclosure *pg. 21*



GR2AHL-84 with optional *Designer* color housing and sneeze guards *pg. 25*



UGA-24D in optional Gloss finish Radiant Red *pg. 30*



UGAH-36D with standard 3" spacer *pg. 30*



Ordering Instructions



GR5AL or GR5AHL



GR5A or GR5AH

Glo-Ray® Curved Infrared Strip Heaters: *(pages 4-5)*

1. Choose a length
2. Standard or high watt
3. Lights or no lights
4. Voltage: 120, 208, 240
5. Choose control option for GR5A and GR5AH (GR5AL, GR5AHL have Remote Control Box included)



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

Glo-Ray® Infrared Metal-Sheathed Strip Heaters: *(pages 6-16)*

1. Choose a length
2. Single or dual warmer
3. Standard, high or max watt
4. Lights or no lights
5. Voltage: 120, 208, 220, 240 without lights; or 120, 220, 240, 120/208, 120/240 for units with lights
6. Choose control option, remote installation recommended (required on some models)*



GRN4L-36

GRN4-36

Glo-Ray® Narrow Halogen Strip Heaters: *(pages 17-18)*

1. Choose a length
2. Voltage: 120
3. Includes Remote Control Enclosure



GRN-24, GRNH-24 or GRNM-24

Glo-Ray® Narrow Infrared Strip Heaters: *(pages 19-20)*

1. Choose a length
2. Standard, high or max watt
3. Voltage: 120, 208, 240
4. Choose control option, remote installation is recommended*



Typical Conduit Connection

Glo-Ray® Strip Heaters come standard with right angle attached 3' conduit and 42" leads on back of unit (Narrow Strip Heaters have standard 6" leads, no conduit; GR2A models have exit posts only; GR5AL models have a 5' leadwire, which is 2' past the 3' conduit).

* Multiple Strip Heaters may be connected to one RMB2 if the combined current draw of the warmers are less than the rating for the RMB2.

Ordering Instructions *continued*



Glo-Ray® Infra-Black® Strip Heaters: (pages 21-23)

1. Choose a length
2. Single or dual warmer
3. Lights or no lights
4. Voltage: 120, 208, 240 without lights; or 120/208, 120/240 for units with lights
5. Choose control option, remote installation is recommended*



Glo-Ray® Designer Infrared Strip Heaters: (pages 24-28)

1. Choose a length
2. Single or dual warmer
3. Standard or high watt
4. Lights or no lights
5. Voltage: 120, 208, 240 without lights; or 120/208, 120/240 for units with lights
6. Choose control option, remote installation is recommended*
7. Choose inset panel and corner cap color



Ultra-Glo® Ceramic Strip Heaters: (pages 29-31)

1. Choose a length
2. Single or dual warmer
3. Standard or high watt
4. Lights or no lights
5. Voltage: 120, 208, 240 without lights; or 120/208, 120/240 for units with lights
6. Choose control option, remote installation is recommended*



Typical Conduit Connection

Glo-Ray® Strip Heaters come standard with right angle attached 3' conduit and 42" leads on back of unit (Narrow Strip Heaters have standard 6" leads, no conduit; GR2A models have exit posts only; GR5AL models have a 5' leadwire, which is 2' past the 3' conduit).

* Multiple Strip Heaters may be connected to one RMB2 if the combined current draw of the warmers are less than the rating for the RMB2.



Glo-Ray® Curved Infrared Strip Heaters

This stylish patented design, based on our signature Glo-Ray® Strip Heaters, is the perfect solution for your front-of-the-house applications. Superb for buffet and serving lines, the sleek curved design minimizes its size while accenting and warming the products below.

The entire holding surface is heated evenly with no “cold” spots thanks to Hatco's dependable infrared element technology.

- Narrow, curved design: 2"H x 6"D uses a very small footprint
- Lengths available from 18"-72" in 6" increments
- Patented housing design

- Pre-focused heat maintains safe-serving temperatures longer without continuing to cook the food
- Available in standard or high watt
- Angle brackets (Black only) for mounting are standard
- Hatco's wide array of colors help provide the right look for your venue



GR5A-36 in optional Gloss finish Radiant Red with standard matching end plates and angle brackets



GR5A-36 in optional Gloss finish Gleaming Gold with standard matching end plates and optional 16" non-adjustable tubular stands in standard Clear Anodized

GLO-RAY® CURVED INFRARED STRIP HEATERS

Model*	Width	Voltage		Approximate Ship Weight
		Single Phase	Watts	
Standard Watt				
GR5A-18	18"	120, 208, 240	250	16 lbs.
GR5A-24	24"	120, 208, 240	350	17 lbs.
GR5A-30	30"	120, 208, 240	450	19 lbs.
GR5A-36	36"	120, 208, 240	575	21 lbs.
GR5A-42	42"	120, 208, 240	675	22 lbs.
GR5A-48	48"	120, 208, 240	800	24 lbs.
GR5A-54	54"	120, 208, 240	925	26 lbs.
GR5A-60	60"	120, 208, 240	1050	28 lbs.
GR5A-66	66"	120, 208, 240	1160	32 lbs.
GR5A-72	72"	120, 208, 240	1275	33 lbs.
High Watt				
GR5AH-18	18"	120, 208, 240	350	16 lbs.
GR5AH-24	24"	120, 208, 240	500	17 lbs.
GR5AH-30	30"	120, 208, 240	660	19 lbs.
GR5AH-36	36"	120, 208, 240	800	21 lbs.
GR5AH-42	42"	120, 208, 240	950	22 lbs.
GR5AH-48	48"	120, 208, 240	1100	24 lbs.
GR5AH-54	54"	120, 208, 240	1250	26 lbs.
GR5AH-60	60"	120, 208, 240	1400	28 lbs.
GR5AH-66	66"	120, 208, 240	1560	32 lbs.
GR5AH-72	72"	120, 208, 240	1725	33 lbs.

* Does not include Remote Control Box (RMB), see pages 34 and 35.

All Curved Infrared Strip Heater Models Feature:

Leads: 3' conduit, 5' power leads.

Angle Brackets: Provides 1" clearance between Strip Heater and overshef.

Dimensions: 18"-72"W x 6"D x 2"H.

RECOMMENDED MOUNTING HEIGHTS – PAGE 32

OPTIONS (available at time of purchase only)

Designer Colors – Non-standard colors are non-returnable – Clear Anodized Standard –

RED	Warm Red	BLACK	Black
GRAY	Gray Granite	WHITE	White Granite
BLUE	Navy Blue	GREEN	Hunter Green
COPPER	Antique Copper		

Gloss Finishes – Non-standard colors are non-returnable –

GGOLD	Gleaming Gold	RRED	Radiant Red
GGRAY	Glossy Gray	BBLUE	Brilliant Blue
BBLACK	Bold Black		

IND. LGT Indicator Light (Remote Control only)

NO CONTROL No Control included

REM INF Remote Infinite Switch in lieu of Toggle Switch (max. 12.2 Amps)

REM TOG Remote Toggle Switch (max. 15 Amps)

RMB Remote Box (available in Designer Color or Gloss Finish) – Non-standard colors are non-returnable – see pages 34 and 35

Non-Adjustable Tubular Stands – Available in Designer Colors or Gloss Finishes – Non-standard colors are non-returnable – Clear Anodized Standard –

NTL5-10, -12 Specify 10" or 12" clearance

NTL5-14, -16 Specify 14" or 16" clearance

NTL5-PAINT Designer Color or Gloss Finish for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable –

Power Wire Leads – Standard total Power Lead Length is 5' – Must specify total Lead Length required –

GR5AL-LEAD6 6' total Power Lead Length

GR5AL-LEAD7 7' total Power Lead Length

GR5AL-LEAD8 8' total Power Lead Length

GR5AL-LEAD9 9' total Power Lead Length

GR5AL-LEAD10 10' total Power Lead Length

COLORS AND FINISHES – PAGE 36

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.



Glo-Ray® Curved Infrared Strip Heaters with LED Lights

Hatco's Glo-Ray® Curved Infrared Strip Heaters with LED Lights feature a patented housing design that is low-profile, elliptical-shaped and stylish. The ideal solution for front-of-the-house applications where heat and/or lights are needed.

It can operate with just the dual LED lights on for cold/room temperature applications; or the dual LED lights can be used simultaneously with the infrared emitter to provide the perfect balance of light and heat.

- Narrow, curved design: 2"H x 6"D uses a very small footprint
- Lengths available from 18"-72" in 6" increments
- Patented housing design has energy efficient dual LED lights across the entire Strip Heater, which provide longer performance and energy savings (compared to standard incandescent bulbs – 3.5 to 15.2 watts based on length)
- LED lights are field replaceable
- 3050K LED light temperature provides more consistent warmth, improved light coverage and enhances food appearance
- Remote box with electronic infinite control and power On/Off switch (controls lights and heat) included
- 100% linear infinite controls with adjustability from 0-100% allow for precise settings
- Pre-focused heat maintains safe-serving temperatures longer without continuing to cook the food
- Available in standard or high watt
- Angle brackets (Black only) for mounting are standard



GR5AL-36 Top and bottom view with lights on. Shown in optional Gloss finish Radiant Red with standard matching end plates (standard angle brackets not shown)



GLO-RAY® CURVED INFRARED STRIP HEATERS WITH LED LIGHTS

Model	Width	Voltage Single Phase	Watts	Approximate Ship Weight
Standard Watt				
GR5AL-18	18"	120, 208, 240	254	16 lbs.
GR5AL-24	24"	120, 208, 240	356	17 lbs.
GR5AL-30	30"	120, 208, 240	458	19 lbs.
GR5AL-36	36"	120, 208, 240	584	21 lbs.
GR5AL-42	42"	120, 208, 240	686	22 lbs.
GR5AL-48	48"	120, 208, 240	812	24 lbs.
GR5AL-54	54"	120, 208, 240	939	26 lbs.
GR5AL-60	60"	120, 208, 240	1066	28 lbs.
GR5AL-66	66"	120, 208, 240	1177	32 lbs.
GR5AL-72	72"	120, 208, 240	1294	33 lbs.
High Watt				
GR5AHL-18	18"	120, 208, 240	354	16 lbs.
GR5AHL-24	24"	120, 208, 240	506	17 lbs.
GR5AHL-30	30"	120, 208, 240	668	19 lbs.
GR5AHL-36	36"	120, 208, 240	809	21 lbs.
GR5AHL-42	42"	120, 208, 240	961	22 lbs.
GR5AHL-48	48"	120, 208, 240	1112	24 lbs.
GR5AHL-54	54"	120, 208, 240	1264	26 lbs.
GR5AHL-60	60"	120, 208, 240	1416	28 lbs.
GR5AHL-66	66"	120, 208, 240	1577	32 lbs.
GR5AHL-72	72"	120, 208, 240	1744	33 lbs.

All Curved Infrared Strip Heater Models with LED Lights Feature:

Switch Location: Remote box with an electronic infinite control and a power On/Off switch (controls lights and heat) included.

Leads: 3' conduit, 5' power leads. Standard LED lead length is 1½' longer than power lead length.

Angle Brackets: Provides 1" clearance between Strip Heater and overshelf.

Dimensions: 18"-72"W x 6"D x 2"H.

Control Box Dimensions: 10⅞"W x 6¼"D x 4¾"H.

RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.

OPTIONS (available at time of purchase only)

Designer Colors – Non-standard colors are non-returnable – Clear Anodized Standard –

RED	Warm Red	BLACK	Black
GRAY	Gray Granite	WHITE	White Granite
BLUE	Navy Blue	GREEN	Hunter Green
COPPER	Antique Copper		

Gloss Finishes – Non-standard colors are non-returnable –

GGOLD	Gleaming Gold	RRED	Radiant Red
GGRAY	Glossy Gray	BBLUE	Brilliant Blue
BBLACK	Bold Black		

Non-Adjustable Tubular Stands – Available in Designer Colors or Gloss Finishes – Non-standard colors are non-returnable – Clear Anodized Standard –

NTL5-10, -12	Specify 10" or 12" clearance
NTL5-14, -16	Specify 14" or 16" clearance
NTL5-PAINT	Designer Color or Gloss Finish for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable –

Power Wire Leads – Standard total Power Lead Length is 5' (standard LED Lead Length on GR5AL, GR5AHL models is 1½' longer than Power Lead Length) – Must specify total Lead Length required –

GR5AL-LEAD6	6' total Power Lead Length
GR5AL-LEAD7	7' total Power Lead Length
GR5AL-LEAD8	8' total Power Lead Length
GR5AL-LEAD9	9' total Power Lead Length
GR5AL-LEAD10	10' total Power Lead Length

COLORS AND FINISHES – PAGE 36





Strip Heater Solutions

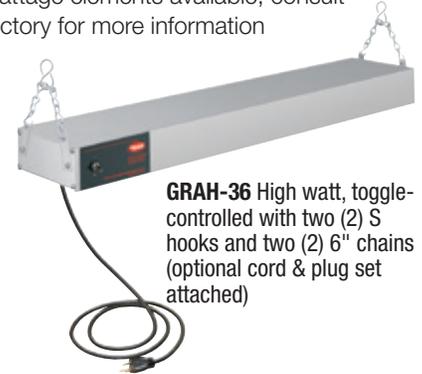
Glo-Ray® Infrared Strip Heaters

Safely hold the temperature of your product without drying out or further cooking food with Hatco's Glo-Ray® Infrared Strip Heaters. 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 Hatco products. Heavy-duty stainless steel housings are available.

Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps

- Ensures maximum flavor, safety and holding time
- Even heat distribution – no “cold spots”
- Sturdy extruded aluminum housings that do not sag, from 18" to 144" in 12" increments
- Reflector does not blacken, maintaining a consistent heat pattern
- Heavy-duty insulation minimizes heat loss
- Optional sneeze guards (excludes stainless steel models)
- Available in stainless steel housing, from 18" to 96"
- Available with lights (shatter-resistant incandescent lights or optional halogen lights – excludes stainless steel models)

- Pre-focused heat pattern bathes entire holding surface
- Additional reflector styles and lower wattage elements available; consult factory for more information



GRAH-36 High watt, toggle-controlled with two (2) S hooks and two (2) 6" chains (optional cord & plug set attached)

ALUMINUM STRIP HEATERS WITH CONDUIT

Model*	Width	Voltage		Watts	Ship Weight
		Single Phase			
Standard Watt					
GRA-18	18"	120, 208, 240		250	7 lbs.
GRA-24	24"	120, 208, 240		350	7 lbs.
GRA-30	30"	120, 208, 240		450	8 lbs.
GRA-36	36"	120, 208, 240		575	9 lbs.
GRA-42	42"	120, 208, 240		675	11 lbs.
GRA-48	48"	120, 208, 240		800	11 lbs.
GRA-54	54"	120, 208, 240		925	13 lbs.
GRA-60	60"	120, 208, 240		1050	14 lbs.
GRA-66	66"	120, 208, 240		1160	16 lbs.
GRA-72	72"	120, 208, 240		1275	17 lbs.
GRA-84 [▼]	84"	120, 208, 240		1500	21 lbs.
GRA-96 [▼]	96"	120, 208, 240		1725	23 lbs.
GRA-108	108"	120, 208, 240		1850	24 lbs.
GRA-120	120"	120, 208, 240		2100	26 lbs.
GRA-132	132"	120, 208, 240		2320	30 lbs.
GRA-144	144"	120, 208, 240		2550	33 lbs.
High Watt					
GRAH-18	18"	120, 208, 240		350	7 lbs.
GRAH-24	24"	120, 208, 240		500	8 lbs.
GRAH-30	30"	120, 208, 240		660	8 lbs.
GRAH-36	36"	120, 208, 240		800	11 lbs.
GRAH-42	42"	120, 208, 240		950	12 lbs.
GRAH-48	48"	120, 208, 240		1100	13 lbs.
GRAH-54	54"	120, 208, 240		1250	14 lbs.
GRAH-60	60"	120, 208, 240		1400	16 lbs.
GRAH-66 [▼]	66"	120, 208, 240		1560	17 lbs.
GRAH-72 [▼]	72"	120, 208, 240		1725	18 lbs.
GRAH-84 [▲]	84"	120, 208, 240		2050	19 lbs.
GRAH-96 [▲]	96"	120, 208, 240		2400	21 lbs.
GRAH-108	108"	120, 208, 240		2500	23 lbs.
GRAH-120	120"	120, 208, 240		2800	26 lbs.
GRAH-132	132"	120, 208, 240		3120	31 lbs.
GRAH-144	144"	120, 208, 240		3450	48 lbs.

* Does not include Remote Control Box (RMB), see pages 34 and 35.
 ▼ When using an infinite control with 120V model, additional switch(es) and tandem (end-to-end) elements are required; cord not available.
 ▲ 120V models require additional switches and tandem (end-to-end) elements.

All Aluminum Strip Heater Models Feature:

Toggle Switch (max. 15 Amps) Location: Chef's left side (unless otherwise specified).
Leads: 3' conduit with leads – server's right. NEMA 5-15P cord available on 120V models 72" or less with C-leg, T-leg stand or chain-hook mount.

GRAH-66 and GRAH-72 require NEMA 5-20P cord for Canada.

Dimensions: 18"-144"W x 6"D x 2½"H.

OPTIONS AND ACCESSORIES – PAGES 7-8
RECOMMENDED MOUNTING HEIGHTS – PAGE 32

STAINLESS STEEL STRIP HEATERS

Model*	Width	Voltage		Watts	Ship Weight
		Single Phase			
Standard Watt					
GR-18	18"	120, 208, 240		250	7 lbs.
GR-24	24"	120, 208, 240		350	7 lbs.
GR-36	36"	120, 208, 240		575	10 lbs.
GR-48	48"	120, 208, 240		800	12 lbs.
GR-60	60"	120, 208, 240		1050	15 lbs.
GR-72	72"	120, 208, 240		1275	19 lbs.
GR-96*	96"	120, 208, 240		1725	24 lbs.
High Watt					
GRH-18	18"	120, 208, 240		350	7 lbs.
GRH-24	24"	120, 208, 240		500	7 lbs.
GRH-36	36"	120, 208, 240		800	10 lbs.
GRH-48	48"	120, 208, 240		1100	12 lbs.
GRH-60	60"	120, 208, 240		1400	15 lbs.
GRH-72*	72"	120, 208, 240		1725	19 lbs.
GRH-96	96"	208, 240		2400	24 lbs.

* Does not include Remote Control Box (RMB), see pages 34 and 35.
 * Infinite not available in 120V.

All Stainless Steel Strip Heater Models Feature:

Toggle Switch (max. 15 Amps) Location: Chef's left side.
Leads: 3' conduit with leads – server's right. NEMA 5-15P cord available on 120V models 72" or less with C-leg, T-leg stand or chain-hook mount. GRH-72 requires NEMA 5-20P cord for Canada.

Dimensions: 18"-96"W x 6"D x 2¾"H.

Contact factory for stainless marine applications.

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.

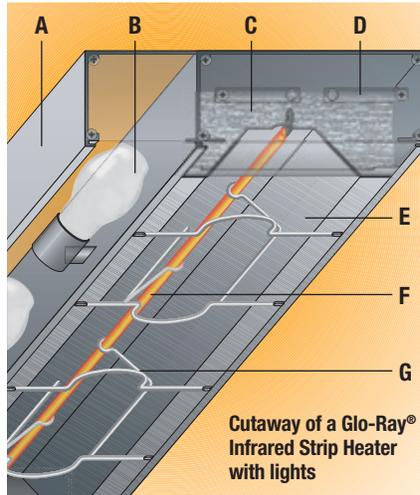
STAINLESS STEEL MODELS ARE NOT AVAILABLE WITH LIGHTS, SNEEZE GUARDS OR AS DUAL OR TANDEM UNITS.



Glo-Ray® Infrared Strip Heaters with Lights



GRAHL-36 with optional sneeze guards and adjustable tubular stands



- A** Stainless steel or sturdy aluminum housings that do not sag, from 18" up to 12' in 6" increments. Stainless steel units available as single units without lights, up to 96" in width
- B** Shatter-resistant incandescent lights (standard on GRAL/GRAHL); optional halogen bulb available
- C** Heavy-duty insulation minimizes heat loss
- D** Standard brackets are provided
- E** Aluminized reflector retains full heat intensity and directs more heat towards the edges of the holding surface
- F** Metal-sheathed heating element is guaranteed against burnout and breakage for two (2) years
- G** Protective wire guard supports heating element without affecting heat distribution

ALUMINUM STRIP HEATERS WITH LIGHTS

Model*	No. of Bulbs	Width	Voltage Single Phase	Watts	Ship Weight
Standard Watt					
GRAL-18	2	18"	120, 120/208, 120/240	370	9 lbs.
GRAL-24	2	24"	120, 120/208, 120/240	470	10 lbs.
GRAL-30	2	30"	120, 120/208, 120/240	570	12 lbs.
GRAL-36	3	36"	120, 120/208, 120/240	755	13 lbs.
GRAL-42	3	42"	120, 120/208, 120/240	855	15 lbs.
GRAL-48	4	48"	120, 120/208, 120/240	1040	17 lbs.
GRAL-54	4	54"	120, 120/208, 120/240	1165	19 lbs.
GRAL-60	5	60"	120, 120/208, 120/240	1350	21 lbs.
GRAL-66	5	66"	120, 120/208, 120/240	1460	22 lbs.
GRAL-72	6	72"	120, 120/208, 120/240	1635	24 lbs.
GRAL-84*	7	84"	120, 120/208, 120/240	1920	28 lbs.
GRAL-96*	8	96"	120, 120/208, 120/240	2205	32 lbs.
GRAL-108	9	108"	120, 120/208, 120/240	2390	36 lbs.
GRAL-120	10	120"	120, 120/208, 120/240	2700	40 lbs.
GRAL-132	11	132"	120, 120/208, 120/240	2980	44 lbs.
GRAL-144	12	144"	120, 120/208, 120/240	3270	48 lbs.

* Does not include Remote Control Box (RMB), see pages 34 and 35.

▼ When using an infinite control with 120V model, additional switch(es) and tandem (end-to-end) elements are required; cord not available.

▲ 120V models require additional switches and tandem (end-to-end) elements.

All Aluminum Strip Heater Models with Lights Feature:

Toggle Switch (max. 15 Amps) Location: Chef's left side – light side (unless otherwise specified).

Leads: 3' conduit with leads – server's right. NEMA 5-15P cord available on 120V models 72" or less with C-leg, T-leg stand or hook-chain mount.

GRAHL-54, GRAHL-60, GRAL-66 & GRAL-72 require NEMA 5-20P cord for Canada.

GRAHL-66 & GRAHL-72 require NEMA 5-20P cord – not available for Canada.

Dimensions: 18"-144"W x 9"D x 2½"H.

OPTIONS – PAGE 8

RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ALUMINUM STRIP HEATERS WITH LIGHTS

Model*	No. of Bulbs	Width	Voltage Single Phase	Watts	Ship Weight
High Watt					
GRAHL-18	2	18"	120, 120/208, 120/240	470	9 lbs.
GRAHL-24	2	24"	120, 120/208, 120/240	620	10 lbs.
GRAHL-30	2	30"	120, 120/208, 120/240	780	12 lbs.
GRAHL-36	3	36"	120, 120/208, 120/240	980	13 lbs.
GRAHL-42	3	42"	120, 120/208, 120/240	1130	16 lbs.
GRAHL-48	4	48"	120, 120/208, 120/240	1340	17 lbs.
GRAHL-54	4	54"	120, 120/208, 120/240	1490	19 lbs.
GRAHL-60	5	60"	120, 120/208, 120/240	1700	21 lbs.
GRAHL-66*	5	66"	120, 120/208, 120/240	1860	22 lbs.
GRAHL-72*	6	72"	120, 120/208, 120/240	2085	34 lbs.
GRAHL-84*	7	84"	120, 120/208, 120/240	2470	28 lbs.
GRAHL-96*	8	96"	120, 120/208, 120/240	2880	33 lbs.
GRAHL-108	9	108"	120, 120/208, 120/240	3040	36 lbs.
GRAHL-120	10	120"	120, 120/208, 120/240	3400	40 lbs.
GRAHL-132	11	132"	120, 120/208, 120/240	3780	44 lbs.
GRAHL-144	12	144"	120, 120/208, 120/240	4170	48 lbs.

ACCESSORIES (available for purchase at any time)

ADJ ANGLE	Adjustable Angle Brackets (GRA, GRAH models only)
ADJ ANGLE 7	7" tall Adjustable Angle Brackets
GR-ANGLE	Adjustable Angle Brackets (GR and GRH models only)
CHAIN 1	Chain Suspension (see page 33 for illustration)

Chef LED Adjustable Bulbs – GRAL, GRAHL models only (120V) – Require pass-through usage – GRAHL models must be 10" or higher from surface – Contact your local representative or the factory for up-to-date listing of installations and applicable models –

CLED-2700-120 Warm Light

CLED-3000-120 Warm Light

CLED-4000-120 Cool Light



Chef LED Bulb

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.





GRAHL-48 with optional sneeze guard

OPTIONS (available at time of purchase only)

Designer Colors, Aluminum models 18"-144" – Non-standard colors are non-returnable – Clear Anodized Standard –

COLOR-6	6" Housing for GRA and GRAH models							
COLOR-9	9" Housing for GRAL and GRAHL models							
	RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
	BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Gloss Finishes, Aluminum models 18"-144" – Non-standard colors are non-returnable –

GLOSS-6	6" Housing for GRA and GRAH models							
GLOSS-9	9" Housing for GRAL and GRAHL models							
	RRED	Radiant Red	GGRAY	Glossy Gray	BBLACK	Bold Black		
	GGOLD	Gleaming Gold	BBLUE	Brilliant Blue				

IND. LGT Indicator Light (Remote Control only on all tandem element units)

Extended Electrical Leads – Extended beyond standard 3' Conduit (must specify Lead Length) –

LEADS5	1'-5'
LEADS10	6'-10'
LEADS15	11'-15'
LEADS20	16'-20'

9.375BP1 9 3/8" Sneeze Guard – one side (Aluminum models only)

9.375BP2 9 3/8" Sneeze Guard – two sides (Aluminum models only)

14BP1 14" Sneeze Guard – one side (Aluminum models only)

14BP2 14" Sneeze Guard – two sides (Aluminum models only)

HAL Halogen Bulb in lieu of standard Display Light (60 Watt) – Aluminum models only

NO BULB No Bulb option (GRAL, GRAHL models only)

LIGHTS-ADD'L Extra Lamps – installed (max. two per foot less one – one per foot is standard). **Must be ordered with Remote Switches only (Aluminum models only)**

3 ANEAL REFL Bright Annealed Reflector for Lights (Aluminum models only)

NO CONTROL No Control included – **requires selection of RMB2 Control (see page 34)**

BLT INF Infinite Control built-in in lieu of Toggle Control (max. 12.2 Amps) – Remote installation recommended

REM INF Remote Infinite Switch in lieu of Toggle Switch (max. 12.2 Amps)

REM TOG Remote Toggle Switch (max. 15 Amps)

RMB Remote Box (available in Designer Colors or Gloss Finishes) – Non-standard colors are non-returnable –

See pages 34 and 35

ATL Adjustable Tubular Stands (10"-14") – **not available in Designer Colors and not available with Cord**

NTL-10, -12 Non-Adjustable Tubular Stands (specify 10" or 12" clearance) – **not available with Cord**

NTL-14, -16 Non-Adjustable Tubular Stands (specify 14" or 16" clearance) – **not available with Cord**

NTL-PAINT Designer Color or Gloss Finish for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable –

CL-LOW C-Leg Stands for Standard Watt – 10" clearance (for models up to 72" wide) – **only available with Cord**

CL-HIGH C-Leg Stands for High Watt – 13 1/2" clearance (for models up to 72" wide) – **only available with Cord**

TL-10 T-Leg Stand for Standard Watt – 10" clearance (for models only up to 72" wide) – **only available with Cord**

TL-13 T-Leg Stands – 13 1/2" clearance (for models up to 72" wide) – **only available with Cord**

TL-16 T-Leg Stands – 16" clearance (for models up to 72" wide) – **only available with Cord**

TL-18 T-Leg Stands – 18" clearance (for models up to 72" wide) – **only available with Cord**

CAP Attached 6' Cord & Plug Set on models up to 72" wide. Requires standard Chain Mount Kit (two [2] S Hooks with two [2] 6" Lengths of Chain), or add optional C-leg Stands or T-leg Stands – **120V models only**

CHAIN-HOOK Two (2) S Hooks with two (2) 6" Lengths of Chain

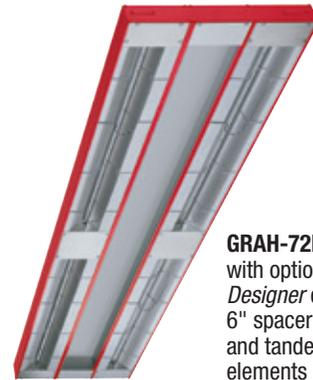
COLORS AND FINISHES – PAGE 36

Glo-Ray® Dual Infrared Strip Heaters

Create a deeper holding area with Glo-Ray® Aluminum Dual Infrared Strip Heaters mounted side-by-side, keeping hot food at optimum serving temperatures. The pre-focused heat pattern directs heat from a metal-sheathed element across the entire holding surface. The continuous aluminum housing and heavy-duty mountings ensure the durability and quality of Hatco products.

Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps

- Ensures maximum flavor, safety and holding time
- Provides even heat distribution – no “cold spots”
- Sturdy extruded aluminum housings that do not sag, from 18" to 144" in 12" increments
- Reflector does not blacken, maintaining a consistent heat pattern
- Protective wire guard supports heating element without affecting heat distribution
- 3" or 6" spacer available
- Heavy-duty insulation minimizes heat loss
- Additional reflector styles and lower wattage elements available; consult factory for more information



GRAH-72D with optional *Designer* color, 6" spacer and tandem elements

ALUMINUM DUAL STRIP HEATERS WITH CONDUIT

Model*	Width	Voltage		Watts	Ship Weight
		Single Phase			
Standard Watt					
GRA-18D	18"	120, 208, 240		500	14 lbs.
GRA-24D	24"	120, 208, 240		700	16 lbs.
GRA-30D	30"	120, 208, 240		900	18 lbs.
GRA-36D	36"	120, 208, 240		1150	19 lbs.
GRA-42D	42"	120, 208, 240		1350	23 lbs.
GRA-48D	48"	120, 208, 240		1600	27 lbs.
GRA-54D	54"	120, 208, 240		1850	30 lbs.
GRA-60D	60"	120, 208, 240		2100	35 lbs.
GRA-66D	66"	120, 208, 240		2320	36 lbs.
GRA-72D	72"	120, 208, 240		2550	40 lbs.
GRA-84D [▼]	84"	120, 208, 240		3000	50 lbs.
GRA-96D [▼]	96"	120, 208, 240		3450	52 lbs.
GRA-108D	108"	120, 208, 240		3700	59 lbs.
GRA-120D	120"	120, 208, 240		4200	66 lbs.
GRA-132D	132"	120, 208, 240		4640	73 lbs.
GRA-144D	144"	120, 208, 240		5100	80 lbs.
High Watt					
GRAH-18D	18"	120, 208, 240		700	14 lbs.
GRAH-24D	24"	120, 208, 240		1000	16 lbs.
GRAH-30D	30"	120, 208, 240		1320	18 lbs.
GRAH-36D	36"	120, 208, 240		1600	19 lbs.
GRAH-42D	42"	120, 208, 240		1900	23 lbs.
GRAH-48D	48"	120, 208, 240		2200	27 lbs.
GRAH-54D	54"	120, 208, 240		2500	30 lbs.
GRAH-60D	60"	120, 208, 240		2800	35 lbs.
GRAH-66D [▼]	66"	120, 208, 240		3120	36 lbs.
GRAH-72D [▼]	72"	120, 208, 240		3450	40 lbs.
GRAH-84D [▲]	84"	120, 208, 240		4100	50 lbs.
GRAH-96D [▲]	96"	120, 208, 240		4800	52 lbs.
GRAH-108D	108"	120, 208, 240		5000	59 lbs.
GRAH-120D	120"	120, 208, 240		5600	66 lbs.
GRAH-132D	132"	208, 240		6240	73 lbs.
GRAH-144D	144"	208, 240		6900	80 lbs.

* Does not include Remote Control Box (RMB), see pages 34 and 35.

▼ When using an infinite control with 120V model, additional switch(es) and tandem (end-to-end) elements are required.

▲ 120V models require additional switches and tandem (end-to-end) elements.

All Aluminum Dual Strip Heater Models Feature:

Toggle Switch (max. 15 Amps) Location: Chef's left side (unless otherwise specified).

Leads: 3' conduit with leads – server's right.

Dimensions: With 3" Spacer (Standard): 18"-144"W x 15"D x 2½"H.

With 6" Spacer: 18"-144"W x 18"D x 2½"H.

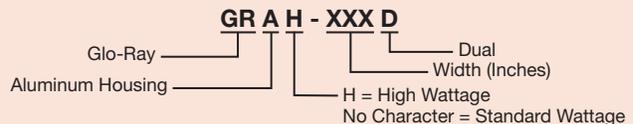
OPTIONS AND ACCESSORIES – PAGE 11
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NOTE: 120V models may require additional switches.



GRA-36D with standard 3" spacer

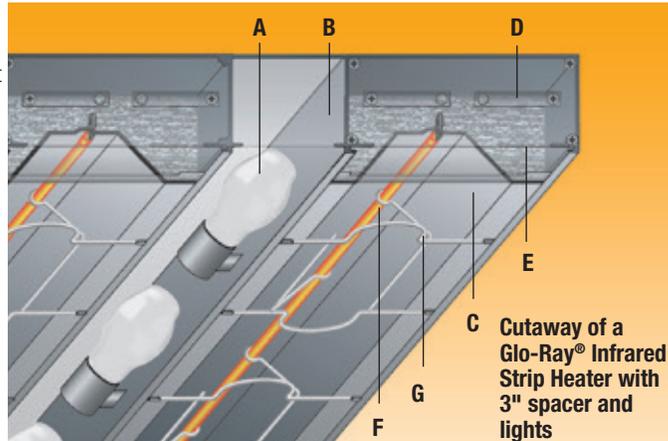
ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.





Glo-Ray® Dual Infrared Strip Heaters with Lights

- A Shown with optional lights (shatter-resistant incandescent lights or halogen bulbs available)
- B Sturdy extruded aluminum housings that do not sag, from 18" up to 144" in 12" increments
- C Reflector does not blacken, maintaining a consistent heat pattern
- D Standard hanger tab is provided for under shelf or chain installation
- E Heavy-duty insulation minimizes heat loss
- F Metal-sheathed heating element is guaranteed against burnout and breakage for two (2) years
- G Protective wire guard supports heating element without affecting heat distribution



Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps

ALUMINUM DUAL STRIP HEATERS WITH LIGHTS AND CONDUIT

Model*	No. of Bulbs	Width	Voltage Single Phase	Watts	Ship Weight
Standard Watt					
GRAL-18D	2	18"	120, 120/208, 120/240	620	14 lbs.
GRAL-24D	2	24"	120, 120/208, 120/240	820	16 lbs.
GRAL-30D	2	30"	120, 120/208, 120/240	1020	19 lbs.
GRAL-36D	3	36"	120, 120/208, 120/240	1330	22 lbs.
GRAL-42D	3	42"	120, 120/208, 120/240	1530	25 lbs.
GRAL-48D	4	48"	120, 120/208, 120/240	1840	29 lbs.
GRAL-54D	4	54"	120, 120/208, 120/240	2090	33 lbs.
GRAL-60D	5	60"	120, 120/208, 120/240	2400	37 lbs.
GRAL-66D	5	66"	120, 120/208, 120/240	2620	39 lbs.
GRAL-72D	6	72"	120, 120/208, 120/240	2910	42 lbs.
GRAL-84D [▼]	7	84"	120, 120/208, 120/240	3420	47 lbs.
GRAL-96D [▼]	8	96"	120, 120/208, 120/240	3930	56 lbs.
GRAL-108D	9	108"	120, 120/208, 120/240	4240	64 lbs.
GRAL-120D	10	120"	120, 120/208, 120/240	4800	72 lbs.
GRAL-132D	11	132"	120, 120/208, 120/240	5300	79 lbs.
GRAL-144D	12	144"	120, 120/208, 120/240	5820	86 lbs.
High Watt					
GRAHL-18D	2	18"	120, 120/208, 120/240	820	14 lbs.
GRAHL-24D	2	24"	120, 120/208, 120/240	1120	16 lbs.
GRAHL-30D	2	30"	120, 120/208, 120/240	1440	19 lbs.
GRAHL-36D	3	36"	120, 120/208, 120/240	1780	22 lbs.
GRAHL-42D	3	42"	120, 120/208, 120/240	2080	25 lbs.
GRAHL-48D	4	48"	120, 120/208, 120/240	2440	29 lbs.
GRAHL-54D	4	54"	120, 120/208, 120/240	2740	33 lbs.
GRAHL-60D	5	60"	120, 120/208, 120/240	3100	37 lbs.
GRAHL-66D [▼]	5	66"	120, 120/208, 120/240	3420	39 lbs.
GRAHL-72D [▼]	6	72"	120, 120/208, 120/240	3810	42 lbs.
GRAHL-84D [▲]	7	84"	120, 120/208, 120/240	4520	47 lbs.
GRAHL-96D [▲]	8	96"	120, 120/208, 120/240	5280	56 lbs.
GRAHL-108D [▸]	9	108"	120, 120/208, 120/240	5540	64 lbs.
GRAHL-120D [▸]	10	120"	120, 120/208, 120/240	6200	72 lbs.
GRAHL-132D [▸]	11	132"	120/208, 120/240	6900	79 lbs.
GRAHL-144D [▸]	12	144"	120/208, 120/240	7620	86 lbs.

* Does not include Remote Control Box (RMB), see pages 34 and 35.

▼ When using an infinite control with 120V model, additional switch(es) and tandem (end-to-end) elements are required.

▲ 120V models require additional switches and tandem (end-to-end) elements.

▸ Available with RMB or remote switch only.

All Aluminum Dual Strip Heater Models with Lights Feature:

Toggle Switch (max. 15 Amps) Location: Chef's left side (unless otherwise specified).

Leads: 3' conduit with leads – server's right.

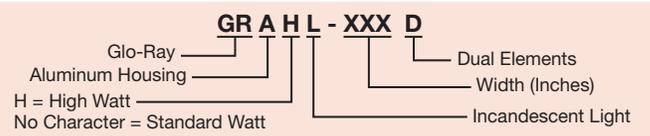
Dimensions: With 3" Spacer (Standard): 15"D x 2½"H.

With 6" Spacer: 18"D x 2½"H.

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ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.





GRAH-60D with standard 3" spacer

OPTIONS (available at time of purchase only)

Designer Colors, Aluminum models 18"-144" – Non-standard colors are non-returnable – Clear Anodized Standard –

COLOR-15, -18	15" and 18" Housings for GRA, GRAH, GRAL and GRAHL Dual models
RED	Warm Red
GRAY	Gray Granite
NAVY	Navy Blue
COPPER	Antique Copper
BLACK	Black
WHITE	White Granite
GREEN	Hunter Green

Gloss Finishes, Aluminum models 18"-144" – Non-standard colors are non-returnable –

GLOSS-15, -18	15" and 18" Housings for GRA, GRAH, GRAL and GRAHL Dual models
RRED	Radiant Red
GGRAY	Glossy Gray
BBLACK	Bold Black
GGOLD	Gleaming Gold
BBLUE	Brilliant Blue

IND. LGT Indicator Light (Remote Control only)

Extended Electrical Leads – Extended beyond standard 3' Conduit (must specify Lead Length) –

LEADS5	1'-5'
LEADS10	6'-10'
LEADS15	11'-15'
LEADS20	16'-20'

9.375BP1 9¾" Sneeze Guard – one side

9.375BP2 9¾" Sneeze Guard – two sides

14BP1 14" Sneeze Guard – one side

14BP2 14" Sneeze Guard – two sides

HAL Halogen Bulb in lieu of standard Display Light (60 Watt)

NO BULB No Bulb option (**GRAL-xxD, GRAHL-xxD models only**)

LIGHTS-ADD'L Extra Lamps – installed (max. two per foot less one – one per foot is standard)

3 ANEAL REFL Bright Annealed Reflector for Lights with 3" Spacer

6 ANEAL REFL Bright Annealed Reflector for Lights with 6" Spacer

NO CONTROL No Control included for Dual models – **requires selection of RMB2 Control (see page 34)**

REM INF Remote Infinite Switches (max. 12.2 Amps)

REM TOG Remote Toggle Switches (max. 15 Amps)

RMB Remote Box (available in *Designer Colors* or *Gloss Finishes*) – Non-standard colors are non-returnable –

ATL-D Adjustable Tubular Stands (10"-14") – not available in *Designer Colors* (**Dual models require two [2] pairs**)

NTL-10-D, -12-D Non-Adjustable Tubular Stands (specify 10" or 12" clearance) – **Dual models require two (2) pairs**

NTL-14-D, -16-D Non-Adjustable Tubular Stands (specify 14" or 16" clearance) – **Dual models require two (2) pairs**

NTL-PAINT-D *Designer Color* or *Gloss Finish* for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable – **Dual models require two (2) pairs**

ACCESSORIES (available for purchase at any time)

ADJ ANGLE-D Adjustable Angle Brackets for Dual models (**Dual models require two [2] pairs**)

ADJ ANGLE7-D 7" tall Adjustable Angle Brackets for Dual models (**Dual models require two [2] pairs**)

CHAIN 1 Chain Suspension (**see page 33 for illustration**)

Chef LED Adjustable Bulbs – GRAL-xxD, GRAHL-xxD models only (120V) – Require pass-through usage only – GRAL-xxD models must be 15" or higher from surface (GRAHL-xxD models must be 18" or higher from surface) – Contact your local representative or the factory for up-to-date listing of installations and applicable models –

CLED-2700-120 Warm Light

CLED-3000-120 Warm Light

CLED-4000-120 Cool Light

COLORS AND FINISHES – PAGE 36



Chef LED Bulb



Strip Heater Solutions

Glo-Ray® Max Watt Infrared Strip Heaters

Safely hold the temperature of your product without drying out or further cooking food with Hatco's Glo-Ray® Max Watt Infrared Strip Heaters. 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 Hatco products.



GRAM-36

- Features 25% greater wattage output than Glo-Ray high watt by comparison with single units varying in watts from 450 to 4150 watts; and units with lights varying from 570 to 4870 watts
- Sturdy extruded aluminum housings that do not sag, from 18" to 72" in 6" increments and 84" to 144" in 12" increments
- Protective wire guards under heating element
- Heavy-duty insulation minimizes heat loss
- Available options include an electronic infinite control with relay in a remote control enclosure

- Shatter-resistant incandescent lights (standard on GRAML models) enhance product display while safeguarding food products from bulb breakage. An optional halogen bulb may be used in lieu of incandescent
- Additional reflector styles available; consult factory for more information



GRAML-36 with shatter-resistant incandescent lights and standard angle brackets

ALUMINUM MAX WATT INFRARED STRIP HEATERS

Model*	Width	Voltage Single Phase	Watts	Ship Weight*
Max Watt				
GRAM-18	18"	120, 208, 240	450	6 lbs.
GRAM-24	24"	120, 208, 240	650	7 lbs.
GRAM-30	30"	120, 208, 240	825	8 lbs.
GRAM-36	36"	120, 208, 240	1000	9 lbs.
GRAM-42	42"	120, 208, 240	1175	10 lbs.
GRAM-48	48"	120, 208, 240	1300	11 lbs.
GRAM-54	54"	120, 208, 240	1500	13 lbs.
GRAM-60	60"	120, 208, 240	1700	14 lbs.
GRAM-66 [▲]	66"	120, 208, 240	1875	16 lbs.
GRAM-72 [▲]	72"	120, 208, 240	2075	17 lbs.
GRAM-84 [▲]	84"	120, 208, 240	2400	19 lbs.
GRAM-96 ^{▼▲}	96"	120, 208, 240	2675	21 lbs.
GRAM-108 [▶]	108"	208, 240	3000	23 lbs.
GRAM-120 [▶]	120"	208, 240	3400	26 lbs.
GRAM-132 [▶]	132"	208, 240	3750	30 lbs.
GRAM-144 [▶]	144"	208, 240	4150	33 lbs.

- * Includes Remote Control Enclosure with toggle switch(es) and indicator light(s) or attached Control Enclosure with toggle switch(es) except as noted.
- ▶ Available with Remote Control Enclosure only.
- ◊ Add 2-8 lbs. depending on Remote Control Box (RMB).
- ▼ Electronic infinite control with 120V model requires additional switch(es) and tandem (end-to-end) elements; cord not available.
- ▲ 120V models require additional switches and tandem (end-to-end) elements.
- ▶ 120V models available with RMB (GRAM-66, -72, -84, -96 only).

All Aluminum Max Watt Infrared Strip Heater Models Feature:

Includes: Angle brackets and attached or Remote Control Enclosure
Leads: 3' conduit with leads – server's right.
Dimensions: 18"-144"W x 6"D x 2½"H.

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ALUMINUM MAX WATT INFRARED STRIP HEATERS WITH LIGHTS

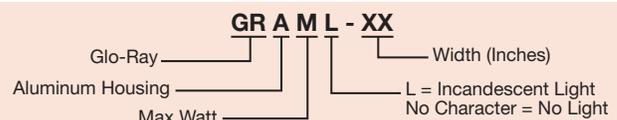
Model*	No. of Bulbs	Width	Voltage Single Phase	Watts	Ship Weight*
Max Watt					
GRAML-18	2	18"	120, 120/208, 120/240	570	9 lbs.
GRAML-24	2	24"	120, 120/208, 120/240	770	10 lbs.
GRAML-30	2	30"	120, 120/208, 120/240	945	11 lbs.
GRAML-36	3	36"	120, 120/208, 120/240	1180	13 lbs.
GRAML-42	3	42"	120, 120/208, 120/240	1355	15 lbs.
GRAML-48	4	48"	120, 120/208, 120/240	1540	17 lbs.
GRAML-54	4	54"	120, 120/208, 120/240	1740	19 lbs.
GRAML-60 [▶]	5	60"	120, 120/208, 120/240	2000	21 lbs.
GRAML-66 [▲]	5	66"	120, 120/208, 120/240	2175	22 lbs.
GRAML-72 [▲]	6	72"	120, 120/208, 120/240	2435	24 lbs.
GRAML-84 [▲]	7	84"	120, 120/208, 120/240	2820	28 lbs.
GRAML-96 ^{▼▲}	8	96"	120, 120/208, 120/240	3155	32 lbs.
GRAML-108 [▶]	9	108"	120/208, 120/240	3540	36 lbs.
GRAML-120 [▶]	10	120"	120/208, 120/240	4000	40 lbs.
GRAML-132 [▶]	11	132"	120/208, 120/240	4410	44 lbs.
GRAML-144 [▶]	12	144"	120/208, 120/240	4870	48 lbs.

- * Includes Remote Control Enclosure with toggle switch(es) and indicator light(s) or attached Control Enclosure with toggle switch(es) except as noted.
- ▶ Available with Remote Control Enclosure only.
- ◊ Add 2-8 lbs. depending on Remote Control Box (RMB).
- ▼ Electronic infinite control with 120V model requires additional switch(es) and tandem (end-to-end) elements; cord not available.
- ▲ 120V models require additional switches and tandem (end-to-end) elements.
- ▶ 120V models available with RMB (GRAM-66, -72, -84, -96 only).

All Aluminum Max Watt Infrared Strip Heater Models with Lights Feature:

Includes: Angle brackets and attached or Remote Control Enclosure
Leads: 3' conduit with leads – server's right.
Dimensions: 18"-144"W x 9"D x 2½"H.

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.



GRAML-48
with standard
angle brackets



OPTIONS (available at time of purchase only)

Designer Colors, Aluminum models 18"-144" – Non-standard colors are non-returnable – Clear Anodized Standard –

COLOR-6	6" Housing for GRAM models							
COLOR-9	9" Housing for GRAML models							
RMB-COLOR	Remote Control Housing in <i>Designer Colors</i>							
	RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
	BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Gloss Finishes, Aluminum models 18"-144" – Non-standard colors are non-returnable –

GLOSS-6	6" Housing for GRAM models							
GLOSS-9	9" Housing for GRAML models							
RMB-GLOSS	Remote Control Housing in <i>Gloss Finishes</i>							
	RRED	Radiant Red	GGRAY	Glossy Gray	BBLACK	Bold Black		
	GGOLD	Gleaming Gold	BBLUE	Brilliant Blue				

Extended Electrical Leads – Extended beyond standard 3' Conduit (must specify Lead Length) –

HTLEADS5	1'-5'
HTLEADS10	6'-10'
HTLEADS15	11'-15'
HTLEADS20	16'-20'
3 ANEAL REFL	Bright Annealed Reflector for Lights with 3" Spacer
RMB-GRAM-INF	Remote Control Enclosure with Toggle Control Switch, Electronic Infinite Control, Relay and Indicator Light in lieu of standard Remote Control Box
NTL-14, -16	Non-Adjustable Tubular Stands (specify 14" or 16" clearance)
NTL-18, -20	Non-Adjustable Tubular Stands (specify 18" or 20" clearance)
NTL-22, -24	Non-Adjustable Tubular Stands (specify 22" or 24" clearance)
NTL-PAINT	<i>Designer</i> color or Gloss finish for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable –
CAP	Attached 6' Cord & Plug Set on models up to 48". Requires standard Chain Mount Kit (two [2] S Hooks with two [2] 6" Lengths of Chain) – 120V only
CHAIN-HOOK	Two (2) S Hooks with two (2) 6" Lengths of Chain
HAL	Halogen Bulb in lieu of Incandescent Display Light (60 Watt)
NO BULB	No Bulb option (GRAML models only)

ACCESSORIES (available for purchase at any time)

CHAIN 1	Chain Suspension (see page for illustration)
<i>Chef LED Adjustable Bulbs – GRAML models only (120V) – GRAML models require pass-through usage only and unit must be 13" or higher from surface – Contact your local representative or the factory for up-to-date listing of installations and applicable models –</i>	
CLED-2700-120	Warm Light
CLED-3000-120	Warm Light
CLED-4000-120	Cool Light

COLORS AND FINISHES – PAGE 36



Chef LED Bulb



Glo-Ray® Max Watt Dual Infrared Strip Heaters

Create a deeper holding area with Glo-Ray® Max Watt Dual Aluminum Infrared Strip Heaters mounted side-by-side, keeping hot food at optimum serving temperatures. The pre-focused heat pattern directs heat from a metal-sheathed element, bathing the entire holding surface. The continuous aluminum housing and heavy-duty mountings ensure the durability and quality of Hatco products.

- Features 25% greater wattage output than Glo-Ray high watt by comparison with dual units varying in wattage from 900 to 8300 watts; and units with lights varying from 1020 to 9020 watts
- Sturdy extruded aluminum housings that do not sag, from 18" to 72" in 6" increments and 84" to 144" in 12" increments
- Protective wire guard supports heating element without affecting heat distribution
- 3" or 6" spacer available
- Heavy-duty insulation minimizes heat loss
- Shatter-resistant incandescent lights (standard on GRAML models) enhance product display while safeguarding food products from bulb breakage. An optional halogen bulb may be used in lieu of incandescents
- Additional reflector styles available, consult factory for more information



GRAM-36D
with standard 3" spacer

ALUMINUM MAX WATT DUAL STRIP HEATERS

Model*	Width	Voltage		Watts	Ship Weight*
		Single Phase			
Max Watt					
GRAM-18D	18"	120, 208, 240	900	14 lbs.	
GRAM-24D	24"	120, 208, 240	1300	16 lbs.	
GRAM-30D	30"	120, 208, 240	1650	18 lbs.	
GRAM-36D	36"	120, 208, 240	2000	21 lbs.	
GRAM-42D	42"	120, 208, 240	2350	24 lbs.	
GRAM-48D	48"	120, 208, 240	2600	27 lbs.	
GRAM-54D	54"	120, 208, 240	3000	30 lbs.	
GRAM-60D	60"	120, 208, 240	3400	34 lbs.	
GRAM-66D [▲]	66"	120, 208, 240	3750	37 lbs.	
GRAM-72D [▲]	72"	120, 208, 240	4150	41 lbs.	
GRAM-84D [▲]	84"	120, 208, 240	4800	44 lbs.	
GRAM-96D [▼]	96"	120, 208, 240	5350	52 lbs.	
GRAM-108D	108"	208, 240	6000	59 lbs.	
GRAM-120D	120"	208, 240	6800	66 lbs.	
GRAM-132D	132"	208, 240	7500	73 lbs.	
GRAM-144D	144"	208, 240	8300	80 lbs.	

* Includes Remote Control Enclosure with toggle switch(es) and indicator light(s).

◊ Add 2-8 lbs. depending on Remote Control Box (RMB).

▼ When using an infinite control with 120V model, additional switch(es) and tandem (end-to-end) elements are required.

▲ 120V models require additional switches and tandem (end-to-end) elements.

All Aluminum Max Watt Dual Strip Heater Models Feature:

Includes: Angle brackets and Remote Control Enclosure.

Leads: 3' conduit with leads – server's right.

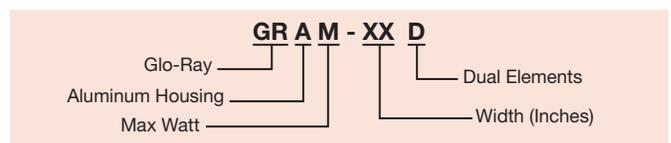
Dimensions: With 3" Spacer (Standard): 18"-144"W x 15"D x 2½"H.

With 6" Spacer: 18"-144"W x 18"D x 2½"H.

OPTIONS – PAGE 16

RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.



Glo-Ray® Max Watt Dual Infrared Strip Heaters with Lights



GRAML-72D with lights, standard 3" spacer and optional *Designer* color (includes Remote Control Enclosure)

ALUMINUM MAX WATT DUAL STRIP HEATERS WITH LIGHTS

Model*	No. of Bulbs	Width	Voltage Single Phase	Watts	Ship Weight [◇]
Max Watt					
GRAML-18D	2	18"	120, 120/208, 120/240	1020	14 lbs.
GRAML-24D	2	24"	120, 120/208, 120/240	1420	16 lbs.
GRAML-30D	2	30"	120, 120/208, 120/240	1770	19 lbs.
GRAML-36D	3	36"	120, 120/208, 120/240	2180	22 lbs.
GRAML-42D	3	42"	120, 120/208, 120/240	2530	25 lbs.
GRAML-48D	4	48"	120, 120/208, 120/240	2840	29 lbs.
GRAML-54D	4	54"	120/208, 120/240	3240	34 lbs.
GRAML-60D	5	60"	120/208, 120/240	3700	37 lbs.
GRAML-66D [▲]	5	66"	120/208, 120/240	4050	40 lbs.
GRAML-72D [▲]	6	72"	120/208, 120/240	4510	42 lbs.
GRAML-84D [▲]	7	84"	120/208, 120/240	5220	47 lbs.
GRAML-96D ^{▲>}	8	96"	120/208, 120/240	5830	56 lbs.
GRAML-108D ^{>}	9	108"	120/208, 120/240	6540	64 lbs.
GRAML-120D ^{>}	10	120"	120/208, 120/240	7400	72 lbs.
GRAML-132D ^{>}	11	132"	120/208, 120/240	8160	79 lbs.
GRAML-144D ^{>}	12	144"	120/208, 120/240	9020	86 lbs.

* Includes Remote Control Enclosure with toggle switch(es) and indicator light(s).

◇ Add 2-8 lbs. depending on Remote Control Box (RMB).

▼ When using an infinite control with 120V model, additional switch(es) and tandem (end-to-end) elements are required.

▲ 120V models require additional switches and tandem (end-to-end) elements.

> Available with Remote Control Enclosure, RMB-GRAM-INF only (see page 16).

Note: Other control options available; consult factory.

All Aluminum Max Watt Dual Strip Heater Models with Lights Feature:

Includes: Angle brackets and Remote Control Enclosure.

Leads: 3' conduit with leads – server's right.

Dimensions: With 3" Spacer (Standard): 15"D x 2½"H.

With 6" Spacer: 18"D x 2½"H.

OPTIONS – PAGE 16

RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.





GRAML-60D with optional non-adjustable tubular stands

OPTIONS (available at time of purchase only)

Designer Colors, Aluminum models 18"-144" – Non-standard colors are non-returnable – Clear Anodized Standard –
COLOR-15, -18 15" and 18" Housings for GRAM and GRAML Dual models

RMB-COLOR	Remote Control Housing in <i>Designer Colors</i>						
RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Gloss Finishes, Aluminum models 18"-144" – Non-standard colors are non-returnable –

GLOSS-15, -18	15" and 18" Housings for GRAM and GRAML Dual models					
RMB-GLOSS	Remote Control Housing in Gloss Finishes					
RRED	Radiant Red	GGRAY	Glossy Gray	BBLACK	Bold Black	
GGOLD	Gleaming Gold	BBLUE	Brilliant Blue			

Extended Electrical Leads – Extended beyond standard 3' Conduit (must specify Lead Length) –

HTLEADS5	1'-5'
HTLEADS10	6'-10'
HTLEADS15	11'-15'
HTLEADS20	16'-20'

RMB-GRAM-INF	Remote Control Enclosure with Toggle Control Switch, Electronic Infinite Control, Relay and Indicator Light in lieu of standard Remote Control Box
3 ANEAL REFL	Bright Annealed Reflector for Lights with 3" Spacer
6 ANEAL REFL	Bright Annealed Reflector for Lights with 6" Spacer
NTL-18-D, -20-D	Non-Adjustable Tubular Stands (specify 18" or 20" clearance) – Dual models require two (2) pairs
NTL-22-D, -24-D	Non-Adjustable Tubular Stands (specify 22" or 24" clearance) – Dual models require two (2) pairs
NTL-PAINT-D	<i>Designer Color</i> or Gloss Finish for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable – Dual models require two (2) pairs
HAL	Halogen Bulb in lieu of Incandescent Display Light (60 Watt)
NO BULB	No Bulb option (GRAML-xxD models only)

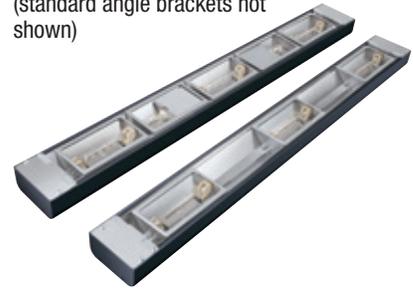
COLORS AND FINISHES – PAGE 36

Glo-Ray® Narrow Halogen Strip Heaters

Hatco Glo-Ray® Narrow Halogen Strip Heaters are great for use in tight spaces and keep the focus on food items being displayed. Even the most delicate dishes hold that just-prepared look.

- Sleek, slim design with just 2 1/8" height and 4" depth
- Halogen heat source is controlled by a dimmer switch, allowing maximum flexibility
- Xenon bulbs, controlled by a toggle switch, light food product when no extra heat is desired
- Available in widths from 18" to 72" for GRN4 models, and 24" to 72" for GRN4L models

GRN4L-36, in standard Designer Black, alternates halogen heat with xenon lights (standard angle brackets not shown)



GRN4-36, in standard Designer Black, uses halogen heat (standard angle brackets not shown)

NARROW HALOGEN STRIP HEATERS

Model	No. of Elements	Width	Watts	Ship Weight [□]
GRN4-18	2	18"	400	8 lbs.
GRN4-24	2	24"	400	8 lbs.
GRN4-30	2	30"	400	10 lbs.
GRN4-36	3	36"	600	11 lbs.
GRN4-42	3	42"	600	12 lbs.
GRN4-48	3	48"	600	12 lbs.
GRN4-54	4	54"	800	15 lbs.
GRN4-60	4	60"	800	15 lbs.
GRN4-66	5	66"	1000	17 lbs.
GRN4-72	5	72"	1000	18 lbs.

[□] Includes Remote Control Enclosures with dimmer and toggle(s).

All Narrow Halogen Models with Conduit Feature:

Voltage: 120, single phase.

Leads: 6" leads.

Models Shipped with: 3' conduit with leads, angle brackets and Remote Control Enclosure with switch(es).

Dimensions: 18" to 72"W x 4"D x 2 1/8"H.

Remote Control Enclosures



For GRN4 models:
One dimmer and one toggle switch



For GRN4L models:
One dimmer and two toggle switches

NARROW HALOGEN STRIP HEATERS WITH XENON LIGHTS

Model	No. of Elements	No. of Bulbs	Width	Watts	Ship Weight [□]
GRN4L-24	2	1	24"	450	9 lbs.
GRN4L-30	2	1	30"	450	10 lbs.
GRN4L-36	3	2	36"	700	13 lbs.
GRN4L-42	3	2	42"	700	14 lbs.
GRN4L-48	3	2	48"	700	14 lbs.
GRN4L-54	4	3	54"	950	17 lbs.
GRN4L-60	4	3	60"	950	18 lbs.
GRN4L-66	5	4	66"	1200	21 lbs.
GRN4L-72	5	4	72"	1200	21 lbs.

[□] Includes Remote Control Enclosures with dimmer and toggle(s).

All Narrow Halogen Models with Lights and Conduit Feature:

Voltage: 120, single phase.

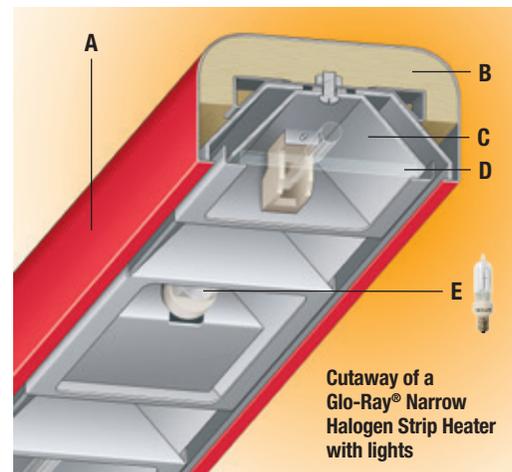
Leads: 6" leads.

Models Shipped with: 3' conduit with leads, angle brackets and Remote Control Enclosure with switch(es).

Dimensions: 24" to 72"W x 4"D x 2 1/8"H.

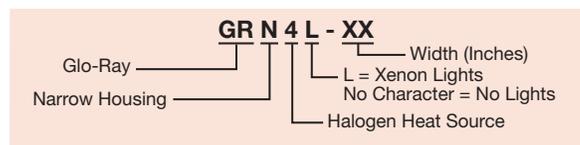
OPTIONS – PAGE 18

RECOMMENDED MOUNTING HEIGHTS – PAGE 32



Cutaway of a Glo-Ray® Narrow Halogen Strip Heater with lights

- A** Powdercoated steel continuous housing in a variety of colors
- B** Heavy-duty insulation minimizes heat loss
- C** Aluminized reflector retains full heat intensity and directs more heat towards the edges of the holding surface
- D** Ceramic glass shields provide a safety barrier for the xenon and halogen bulbs
- E** Xenon bulbs light food when no extra heat is needed





GRN4L-54 with optional non-adjustable tubular stands above a GR2S-42

OPTIONS (available at time of purchase only)

Designer Colors – Non-standard colors are non-returnable – Black Standard –

RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Gloss Finishes – Non-standard colors are non-returnable –

SWHITE	Smooth White	GGOLD	Gleaming Gold	GGRAY	Glossy Gray	BBLACK	Bold Black
RRED*	Radiant Red	BBLUE*	Brilliant Blue				

Stainless Steel – Non-standard colors are non-returnable –

SS	Stainless Steel
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Extended Electrical Leads (must specify Lead Length) –

LEADS5	1'-5'
LEADS10	6'-10'
LEADS15	11'-15'
LEADS20	16'-20'

NTL-10, -12 Non-Adjustable Tubular Stands (specify 10" or 12" clearance)

NTL-14, -16 Non-Adjustable Tubular Stands (specify 14" or 16" clearance)

NTL-PAINT Designer Color or Gloss Finish for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable –

Control Box Bezel – Designer Colors – Non-standard colors are non-returnable –

RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

* Special process required and extended lead times – Non-standard colors are non-returnable –

COLORS AND FINISHES – PAGE 36

Glo-Ray® Narrow Infrared Strip Heaters

Hatco Glo-Ray® Narrow Infrared Strip Heaters keep all hot foods at optimum serving temperatures longer, while the slim design fits ideally in buffet areas. Even the most delicate dishes hold that “just-prepared” look. The entire holding surface is heated evenly with no “cold” spots.

Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps

- Slim design that's 2" high and 4" deep
- Available in widths from 18"-72"
- Pre-focused heat pattern maintains serving temperatures longer without continuing to cook the food
- Optional Remote Control Enclosure available in *Designer* colors



GRN-24 in standard *Designer* Black with standard angle brackets

NARROW STRIP HEATERS

Model*	Width	Voltage Single Phase	Watts	Ship Weight
Standard Watt				
GRN-18	18"	120, 208, 240	250	6 lbs.
GRN-24	24"	120, 208, 240	350	7 lbs.
GRN-30	30"	120, 208, 240	450	8 lbs.
GRN-36	36"	120, 208, 240	575	9 lbs.
GRN-42	42"	120, 208, 240	675	10 lbs.
GRN-48	48"	120, 208, 240	800	11 lbs.
GRN-54	54"	120, 208, 240	925	13 lbs.
GRN-60	60"	120, 208, 240	1050	14 lbs.
GRN-66	66"	120, 208, 240	1160	16 lbs.
GRN-72	72"	120, 208, 240	1275	17 lbs.
High Watt				
GRNH-18	18"	120, 208, 240	350	6 lbs.
GRNH-24	24"	120, 208, 240	500	7 lbs.
GRNH-30	30"	120, 208, 240	660	8 lbs.
GRNH-36	36"	120, 208, 240	800	9 lbs.
GRNH-42	42"	120, 208, 240	950	10 lbs.
GRNH-48	48"	120, 208, 240	1100	11 lbs.
GRNH-54	54"	120, 208, 240	1250	13 lbs.
GRNH-60	60"	120, 208, 240	1400	14 lbs.
GRNH-66†	66"	120, 208, 240	1560	16 lbs.
GRNH-72†	72"	120, 208, 240	1725	17 lbs.

* Does not include Remote Control Box (RMB), see pages 34 and 35.

† Units not available with infinite switch in 120V. RMB2-1R or RMB2-2R series Remote Control Box required.

All Narrow Infrared Strip Heater Models Feature:

Toggle Switch (max. 15 Amps) with Indicator Light Location: Chef's left side (unless otherwise specified).

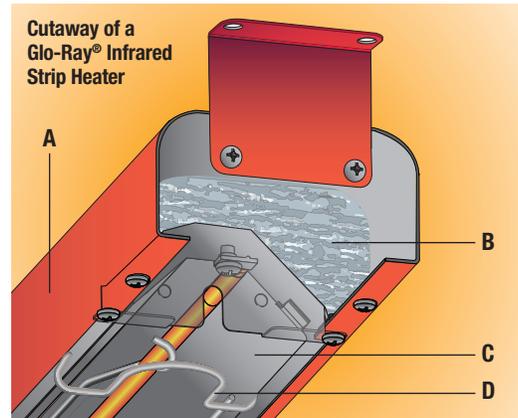
Designer Colored Angle Brackets: To match unit color and provide 1½" clearance between Strip Heater and overself – Non-standard colors are non-returnable –

Leads: 6" leads – server's right.

Dimensions: 18"-72"W x 4"D x 2"H.

OPTIONS – PAGE 20

RECOMMENDED MOUNTING HEIGHTS – PAGE 32



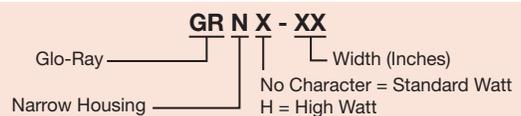
A Sturdy housing in stainless steel or one of seven (7) *Designer* colors

B Heavy-duty insulation minimizes heat loss

C Aluminized reflector retains full heat intensity and directs more heat towards edges of holding surface

D Protective wire guard supports heating element without affecting heat distribution

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.





Glo-Ray® Narrow Max Watt Infrared Strip Heaters

Glo-Ray® Narrow Max Watt Infrared Strip Heaters keep all hot foods at optimum serving temperatures longer, while the slim design fits ideally in buffet areas. The entire holding surface is heated evenly with no “cold” spots.

- Slim design that's 2" high and 4" deep
- Available in widths from 18"-72"
- Pre-focused heat pattern maintains serving temperatures longer without continuing to cook the food
- Available in stainless steel only



GRNM-24 in standard stainless steel with standard angle brackets

NARROW MAX WATT INFRARED STRIP HEATERS

Model*	Width	Voltage		Watts	Ship Weight
		Single Phase			
GRNM-18	18"	120, 208, 240		450	6 lbs.
GRNM-24	24"	120, 208, 240		650	7 lbs.
GRNM-30	30"	120, 208, 240		825	8 lbs.
GRNM-36	36"	120, 208, 240		1000	9 lbs.
GRNM-42	42"	120, 208, 240		1175	10 lbs.
GRNM-48	48"	120, 208, 240		1300	11 lbs.
GRNM-54†	54"	120, 208, 240		1500	13 lbs.
GRNM-60‡	60"	120, 208, 240		1700	14 lbs.
GRNM-66‡*	66"	120, 208, 240		1875	16 lbs.
GRNM-72‡*	72"	120, 208, 240		2075	17 lbs.

* Does not include Remote Control Box (RMB), see pages 34 and 35.

† Units not available with infinite switch in 120V. RMB2-1R or RMB2-2R series Remote Control Box required.

‡ RMB2-1R or RMB2-2R series Remote Control Box required.

All Narrow Max Watt Infrared Strip Heater Models Feature:

Angle Brackets: Provides 1½" clearance between Strip Heater and overshelf.

Leads: 6" leads – server's right.

Dimensions: 18"-72"W x 4"D x 2"H.

RECOMMENDED MOUNTING HEIGHTS – PAGE 32

OPTIONS (available at time of purchase only)

Designer Colors – GRN and GRNH models only – Non-standard colors are non-returnable – Black Standard –

RED Warm Red	GRAY Gray Granite	NAVY Navy Blue	COPPER Antique Copper
BLACK Black	WHITE White Granite	GREEN Hunter Green	

Stainless Steel – Standard for GRNM models – Non-standard colors are non-returnable –

SS Stainless Steel

Extended Electrical Leads (must specify Lead Length) –

LEADS5	1'-5'
LEADS10	6'-10'
LEADS15	11'-15'
LEADS20	16'-20'

NO CONTROL No Control included – requires selection of RMB2 Control (see page 34)

RMB Remote Box (available in Designer Colors or Gloss Finishes) – Non-standard colors are non-returnable – required for GRNM models (not available with built-in Controls)

TABS Stainless Steel Hanger Tabs in lieu of Angle Brackets

CAP Attached 6" Cord & Plug Set on models up to 72" wide. Requires standard Chain Mount Kit (two [2] S Hooks with two [2] 6" Lengths of Chain) and Hanger Tabs (max. 1800 Watt) – GRN and GRNH (120V) models only

CHAIN-HOOK Two (2) S Hooks with two (2) 6" Lengths of Chain

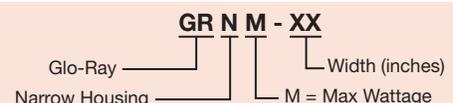
NTL-10, -12 Non-Adjustable Tubular Stands (specify 10" or 12" clearance and power location)

NTL-14, -16 Non-Adjustable Tubular Stands (specify 14" or 16" clearance and power location)

NTL-PAINT Designer Color for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable – GRN and GRNH models only

COLORS AND FINISHES – PAGE 36

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.



Glo-Ray® High Watt Infra-Black® Strip Heaters

For foodwarming at a close range to food product, the Glo-Ray® Infra-Black® heat technology is ideal, emitting a solid panel of uniform heat. Sturdy continuous single or dual extruded aluminum housings assure quality, durability and a variety of widths, depths, mounting arrangements and colors will fit your operation.

Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps

- Provides ideal amount of heat for limited space operations, mounted 4" to 10" above target surface for singles and 8" to 14" for duals
- Metal-sheathed heating elements guaranteed against burnout and breakage for two (2) years
- Infra-Black emitter provides even heat distribution – eliminating hot spots
- Sturdy aluminum housings that do not sag, from 18" to 72" in 6" increments
- Heavy-duty insulation keeps the exterior housing cool
- Optional wire guard available to protect user from incidental contact with heated surface
- Standard 3" or optional 6" spacer available on dual models, with or without lights

GRAIH-36 with optional wire guard (requires Remote Control Enclosure)



GRAIH-36 with optional TCBI control box and wire guard

ALUMINUM STRIP HEATERS – HIGH WATT INFRA-BLACK®

Model ^o	Width	Voltage		Watts	Ship Weight [*]
		Single Phase			
GRAIH-18	18"	120, 208, 240		350	6 lbs.
GRAIH-24	24"	120, 208, 240		500	11 lbs.
GRAIH-30	30"	120, 208, 240		660	13 lbs.
GRAIH-36	36"	120, 208, 240		800	15 lbs.
GRAIH-42	42"	120, 208, 240		950	17 lbs.
GRAIH-48	48"	120, 208, 240		1100	21 lbs.
GRAIH-54	54"	120, 208, 240		1250	24 lbs.
GRAIH-60	60"	120, 208, 240		1400	27 lbs.
GRAIH-66*	66"	120, 208, 240		1560	30 lbs.
GRAIH-72*	72"	120, 208, 240		1725	33 lbs.

ALUMINUM STRIP HEATERS – HIGH WATT INFRA-BLACK® WITH LIGHTS

Model ^o	No. of Bulbs	Width	Voltage		Watts	Ship Weight [*]
			Single Phase			
GRAIHL-18	2	18"	120, 120/208, 120/240		470	12 lbs.
GRAIHL-24	2	24"	120, 120/208, 120/240		620	15 lbs.
GRAIHL-30	2	30"	120, 120/208, 120/240		780	17 lbs.
GRAIHL-36	3	36"	120, 120/208, 120/240		980	20 lbs.
GRAIHL-42	3	42"	120, 120/208, 120/240		1130	23 lbs.
GRAIHL-48	4	48"	120, 120/208, 120/240		1340	26 lbs.
GRAIHL-54	4	54"	120, 120/208, 120/240		1490	29 lbs.
GRAIHL-60	5	60"	120, 120/208, 120/240		1700	33 lbs.
GRAIHL-66*	5	66"	120, 120/208, 120/240		1860	34 lbs.
GRAIHL-72*[^]	6	72"	120, 120/208, 120/240		2085	36 lbs.

- ^o Does not include Remote Control Box (RMB) or Thermostatic Control Box with Indicator Lights (TCBI). Must choose either RMB (see pages 34 and 35) or TCBI (see OPTIONS on page 23).
- * Does not include Remote Control Box (RMB).
- ♦ Infinite not available in 120V.
- [^] 120V models available with remote control only.

All High Watt Infra-Black® Strip Heater Models Feature:

Leads: 3' conduit with leads – server's right. 6" leads when supplied with TCBI – exit side of control box.

Dimensions: **GRAIH:** 18"-72"W x 6"D x 2½"H.

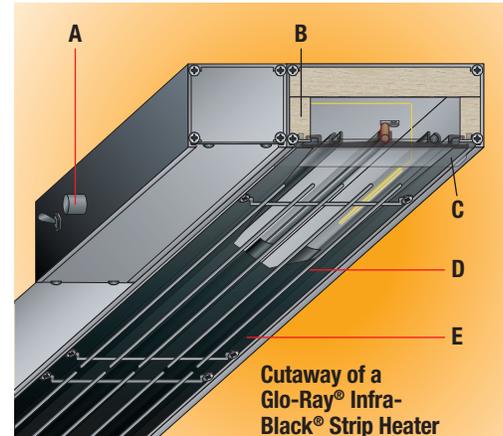
GRAIHL: 18"-72"W x 9"D x 2½"H.

TCBI Control Enclosure Dimensions (Not Including Switches): 8"W x 3"D x 2½"H.

Control Enclosure Location: Chef's left side – light side (unless otherwise specified).

OPTIONS AND ACCESSORIES – PAGE 23

RECOMMENDED MOUNTING HEIGHTS – PAGE 32



- A** Thermostatically-controlled to regulate heat and provide consistent temperature. (Optional remote infinite control available)
- B** Heavy-duty insulation minimizes heat loss
- C** Provides ideal amount of heat for limited space operations, effectively holding product
- D** Optional wire guard available to protect user from incidental contact with the heated surface
- E** Infra-Black emitter provides even heat distribution, eliminating hot spots for close applications

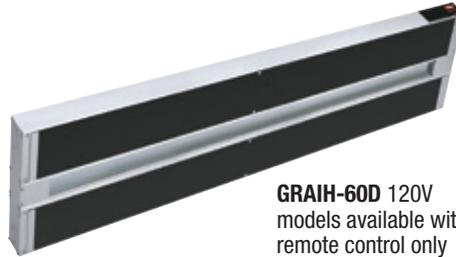
ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.





Glo-Ray® High Watt Dual Infra-Black® Strip Heaters

Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps



GRAIH-60D 120V models available with remote control only



GRAIHL-24D in optional Gloss finish Radiant Red

DUAL ALUMINUM STRIP HEATERS – HIGH WATT INFRA-BLACK

Model ^o	Width	Voltage		Watts	Ship Weight*
		Single Phase			
GRAIH-18D	18"	120, 208, 240		700	13 lbs.
GRAIH-24D	24"	120, 208, 240		1000	19 lbs.
GRAIH-30D	30"	120, 208, 240		1320	21 lbs.
GRAIH-36D	36"	120, 208, 240		1600	24 lbs.
GRAIH-42D ^Δ	42"	120, 208, 240		1900	27 lbs.
GRAIH-48D ^Δ	48"	120, 208, 240		2200	32 lbs.
GRAIH-54D ^Δ	54"	120, 208, 240		2500	35 lbs.
GRAIH-60D ^Δ	60"	120, 208, 240		2800	39 lbs.
GRAIH-66D ^Δ *	66"	120, 208, 240		3120	42 lbs.
GRAIH-72D ^Δ *	72"	120, 208, 240		3450	46 lbs.

DUAL ALUMINUM STRIP HEATERS – HIGH WATT INFRA-BLACK WITH LIGHTS

Model	No. of Bulbs	Width	Voltage		Watts	Ship Weight*
			Single Phase			
GRAIHL-18D	2	18"	120, 120/208, 120/240		820	18 lbs.
GRAIHL-24D	2	24"	120, 120/208, 120/240		1120	21 lbs.
GRAIHL-30D	2	30"	120, 120/208, 120/240		1440	23 lbs.
GRAIHL-36D	3	36"	120, 120/208, 120/240		1780	27 lbs.
GRAIHL-42D ^Δ	3	42"	120, 120/208, 120/240		2080	30 lbs.
GRAIHL-48D ^Δ	4	48"	120, 120/208, 120/240		2440	35 lbs.
GRAIHL-54D ^Δ	4	54"	120, 120/208, 120/240		2740	38 lbs.
GRAIHL-60D ^Δ	5	60"	120, 120/208, 120/240		3100	42 lbs.
GRAIHL-66D ^Δ *	5	66"	120, 120/208, 120/240		3420	44 lbs.

- o Does not include Remote Control Box (RMB) or Thermostatic Control Box with Indicator Lights (TCBI). Must choose either RMB (see pages 34 and 35) or TCBI (see OPTIONS on page 23).
- Does not include Remote Control Box (RMB).
- Δ Infinite not available in 120V.
- Δ 120V models available with remote control only.
- * TCBI not available in 208V, 120/208V.

All Dual High Watt Infra-Black Strip Heater Models Feature:

Leads: 3' conduit with leads – server's right. 6" leads when supplied with TCBI – exit side of control box.

Dimensions: GRAIH-xxD with 3" Spacer (Standard): 18"-72"W x 15"D x 2½"H.

GRAIHL-xxD with 3" Spacer (Standard): 18"-66"W x 15"D x 2½"H.

GRAIH-xxD with 6" Spacer: 18"-72"W x 18"D x 2½"H.

GRAIHL-xxD with 6" Spacer: 18"-66"W x 18"D x 2½"H.

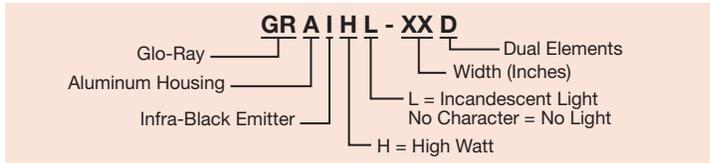
TCBI Control Enclosure Dimensions (Not Including Switches): 8"W x 3"D x 2½"H.

Control Enclosure Location: Chef's left side – light side (unless otherwise specified).

OPTIONS AND ACCESSORIES – PAGE 23

RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.





GRAIH-72 with optional wire guard (requires Remote Control Enclosure)

OPTIONS (available at time of purchase only)

Designer Colors – Non-standard colors are non-returnable – Clear Anodized Standard –

COLOR-6, -9	6" Housing for GRAIH models and 9" Housing for GRAIHL models						
COLOR-15, -18	15" and 18" Housings for GRAIH and GRAIHL Dual models						
RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Gloss Finishes – Non-standard colors are non-returnable –

GLOSS-6, -9	6" Housing for GRAIH models and 9" Housing for GRAIHL models					
GLOSS-15, -18	15" and 18" Housings for GRAIH and GRAIHL Dual models					
RRED	Radiant Red	GGRAY	Glossy Gray	BBLACK	Bold Black	
GGOLD	Gleaming Gold	BBLUE	Brilliant Blue			

AIH18WG -AIH72WG	Element Wire Guard (Dual models require two sets)
HAL	Halogen Bulb in lieu of standard Display Light (60 Watt)
NO CONTROL	No Control included – requires selection of RMB2 Control (see page 34)
RMB	Remote Box (available in <i>Designer Colors</i> or <i>Gloss Finishes</i>) – Non-standard colors are non-returnable –
TCBI	Thermostatic Control Box with Indicator Lights

Non-Adjustable Tubular Stands –

AIH4NTL	4"
AIH6NTL	6"
AIH8NTL	8"
AIH10NTL	10"
AIH12NTL-D	12" (Dual models require two [2] pairs)
AIH14NTL-D	14" (Dual models require two [2] pairs)
NTL-PAINT	<i>Designer Color</i> or <i>Gloss Finish</i> for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable –
NTL-PAINT-D	<i>Designer Color</i> or <i>Gloss Finish</i> for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable – Dual models require two (2) pairs

Extended Electrical Leads (must specify Lead Length) –

HTLEADS5	1'-5'
HTLEADS10	6'-10'
HTLEADS15	11'-15'
HTLEADS20	16'-20'

ACCESSORIES (available for purchase at any time)

ADJ ANGLE	Adjustable Angle Brackets
ADJ ANGLE7	7" tall Adjustable Angle Brackets
ADJ ANGLE-D	Adjustable Angle Brackets for Dual models (Dual models require two [2] pairs)
ADJ ANGLE7-D	7" tall Adjustable Angle Brackets for Dual models (Dual models require two [2] pairs)
CHAIN 1	Chain Suspension (see page 33 for illustration)

Chef LED Adjustable Bulbs – GRAIHL models only (120V) – Require pass-through usage only – GRAIHL must be 11" or higher from surface – Contact your local representative or the factory for up-to-date listing of installations and applicable models –

CLED-2700-120	Warm Light
CLED-3000-120	Warm Light
CLED-4000-120	Cool Light

COLORS AND FINISHES – PAGE 36



Chef LED Bulb



Strip Heater Solutions

Glo-Ray® Designer Infrared Strip Heaters

Hatco Glo-Ray® Designer Infrared Strip Heaters safely keep all hot foods at optimum serving temperatures longer. This modern design is ideal for front-of-the-house use. Units are offered in continuous housings, up to 7', are available in Designer colors to match most décors and include 14" Designer non-adjustable stands.

Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps

- Pre-focused heat maintains safe-serving temperatures longer without continuing to cook the food
- Available in widths from 21½" to 87½"
- Available in a variety of models, configurations, colors and accessories to provide unlimited flexibility
- Black corner caps and inset panels standard
- Optional coated shatter-resistant incandescent or halogen lights enhance product displays while safeguarding food from bulb breakage
- Optional sneeze guards
- Additional reflector styles and lower wattage elements available; consult factory for more information



GR2AH-36 with standard Designer non-adjustable stands and optional Designer color inset panels



GR2AHL-36 with optional overhead mounts and Designer color inset panels

DESIGNER INFRARED ALUMINUM STRIP HEATERS

Model* [Ⓞ]	Width	Voltage		Watts	Ship Weight*
		Single	Phase		
Standard Watt					
GR2A-18	21½"	120,	208, 240	250	28 lbs.
GR2A-24	27½"	120,	208, 240	350	32 lbs.
GR2A-30	33½"	120,	208, 240	450	35 lbs.
GR2A-36	39½"	120,	208, 240	575	37 lbs.
GR2A-42	45½"	120,	208, 240	675	53 lbs.
GR2A-48	51½"	120,	208, 240	800	64 lbs.
GR2A-54	57½"	120,	208, 240	925	74 lbs.
GR2A-60	63½"	120,	208, 240	1050	82 lbs.
GR2A-66	69½"	120,	208, 240	1160	91 lbs.
GR2A-72	75½"	120,	208, 240	1275	100 lbs.
GR2A-84 [▼]	87½"	120,	208, 240	1500	120 lbs.
High Watt					
GR2AH-18	21½"	120,	208, 240	350	28 lbs.
GR2AH-24	27½"	120,	208, 240	500	32 lbs.
GR2AH-30	33½"	120,	208, 240	660	35 lbs.
GR2AH-36	39½"	120,	208, 240	800	37 lbs.
GR2AH-42	45½"	120,	208, 240	950	53 lbs.
GR2AH-48	51½"	120,	208, 240	1100	64 lbs.
GR2AH-54	57½"	120,	208, 240	1250	74 lbs.
GR2AH-60	63½"	120,	208, 240	1400	82 lbs.
GR2AH-66 [▼]	69½"	120,	208, 240	1560	91 lbs.
GR2AH-72 [▼]	75½"	120,	208, 240	1725	100 lbs.
GR2AH-84 [▲]	87½"	120,	208, 240	2050	120 lbs.

* When no color is specified, color inset panels and corner caps will be Black.
[Ⓞ] Does not include Remote Control Box (RMB). Must choose RMB (see pages 34 and 35).
 * Does not include RMB.
[▼] When using an infinite control with 120V model, additional switch(es) and tandem (end-to-end) elements required.
[▲] 120V models require additional switches and tandem (end-to-end) elements.

All Designer Infrared Strip Heater Models Feature:

Switch Location: Remote only (see pages 34 and 35).

Leads: 5' leads through ½" conduit in leg cavity.

Dimensions without Stands: 21½"-87½"W x 9"D x 3½"H.

OPTIONS AND ACCESSORIES – PAGE 26
RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.

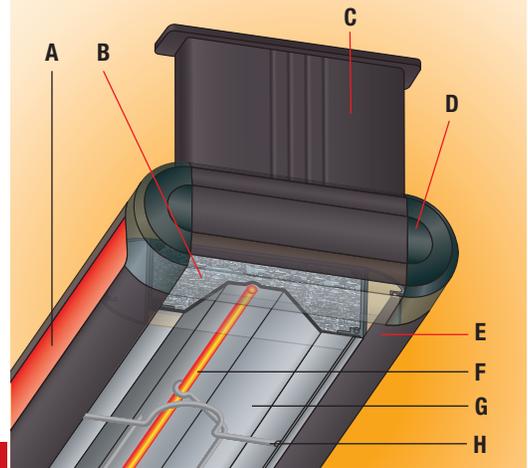


**Glo-Ray® Designer
Infrared Strip Heaters
with Lights**



GR2AHL-24 with standard Designer non-adjustable stands, and optional sneeze guards and Designer color inset panels

Cutaway of a Designer Glo-Ray® Infrared Strip Heater



- A** Choice of seven (7) Designer color inset panels and attractive styling for front-of-the-house applications
- B** Heavy-duty insulation minimizes heat loss
- C** Decorative post concealing the power wiring available for counter or overhead mounting
- D** Accent color corners available in Dark Gray or Black (standard)
- E** Sturdy aluminium extrusion construction; available in clear anodized aluminum finish or one of seven (7) Designer colors for housings (shown in optional Designer Black)
- F** Long life metal-sheathed heating element with two (2) year warranty
- G** Aluminized reflectors won't discolor, so heat can be reflected and directed to the food product being held
- H** Protective wire guard supports heating element without affecting heat distribution

DESIGNER ALUMINUM STRIP HEATERS WITH LIGHTS

Model* ^o	No. of Bulbs	Width	Voltage Single Phase	Watts	Ship Weight*
Standard Watt					
GR2AL-18	2	21½"	120, 120/208, 120/240	370	28 lbs.
GR2AL-24	2	27½"	120, 120/208, 120/240	470	32 lbs.
GR2AL-30	2	33½"	120, 120/208, 120/240	570	35 lbs.
GR2AL-36	3	39½"	120, 120/208, 120/240	755	37 lbs.
GR2AL-42	3	45½"	120, 120/208, 120/240	855	53 lbs.
GR2AL-48	4	51½"	120, 120/208, 120/240	1040	64 lbs.
GR2AL-54	4	57½"	120, 120/208, 120/240	1165	74 lbs.
GR2AL-60	5	63½"	120, 120/208, 120/240	1350	83 lbs.
GR2AL-66	5	69½"	120, 120/208, 120/240	1460	93 lbs.
GR2AL-72	6	75½"	120, 120/208, 120/240	1635	101 lbs.
GR2AL-84 ^v	7	87½"	120, 120/208, 120/240	1920	123 lbs.
High Watt					
GR2AHL-18	2	21½"	120, 120/208, 120/240	470	28 lbs.
GR2AHL-24	2	27½"	120, 120/208, 120/240	620	32 lbs.
GR2AHL-30	2	33½"	120, 120/208, 120/240	780	35 lbs.
GR2AHL-36	3	39½"	120, 120/208, 120/240	980	37 lbs.
GR2AHL-42	3	45½"	120, 120/208, 120/240	1130	53 lbs.
GR2AHL-48	4	51½"	120, 120/208, 120/240	1340	64 lbs.
GR2AHL-54	4	57½"	120, 120/208, 120/240	1490	74 lbs.
GR2AHL-60	5	63½"	120, 120/208, 120/240	1700	83 lbs.
GR2AHL-66 ^v	5	69½"	120, 120/208, 120/240	1860	93 lbs.
GR2AHL-72 ^v	6	75½"	120, 120/208, 120/240	2085	101 lbs.
GR2AHL-84 [^]	7	87½"	120, 120/208, 120/240	2470	123 lbs.

* When no color is specified, color inset panels and corner caps will be Black.
^o Does not include Remote Control Box (RMB). Must choose RMB (see pages 34 and 35).
^v Does not include RMB.
^v When using an infinite control with 120V model, additional switch(es) and tandem (end-to-end) elements required.
[^] 120V models require additional switches and tandem (end-to-end) elements.

All Designer Infrared Strip Heater Models with Lights Feature:

Switch Location: Remote only (see pages 34 and 35).
 Leads: 5' leads through ½" conduit in leg cavity.
 Dimensions without Stands: 21½"-87½"W x 12"D x 3½"H.

OPTIONS AND ACCESSORIES – PAGE 26
RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.





GR2AHL-84 with standard Designer non-adjustable stands and optional Designer color and sneeze guards

OPTIONS (available at time of purchase only)

Designer Colors, Aluminum models 21½"- 87½" (includes Stands) – Non-standard colors are non-returnable – Clear Anodized Standard –

COLOR-6	9" Housing for GR2A and GR2AH models						
COLOR-9	12" Housing for GR2AL and GR2AHL models						

RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Designer Inset Panel Colors – Non-standard colors are non-returnable – Black Standard –

RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Designer Corner Caps – Non-standard colors are non-returnable – Black Standard –

BLACK	Black Corner Caps	DKGRAY	Dark Gray Corner Caps
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NO CONTROL No Control included – **requires selection of RMB2 Control (see page 34)**

RMB Must choose Remote Control Enclosure (RMB not included) See pages 34 and 35

Designer Remote Control Enclosures – Non-standard colors are non-returnable –

RMB-COLOR	Remote Control Housing in Designer Color						
RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

7.5BP1 7½" Sneeze Guard – one side

7.5BP2 7½" Sneeze Guard – two sides

14BP1 14" Sneeze Guard – one side

14BP2 14" Sneeze Guard – two sides

NTL2-10, -12, -16 Designer Color for Non-Adjustable Stands to match unit color: 10", 12" or 16" in lieu of standard 14" – Non-standard colors are non-returnable –

NTH2-4 4" Designer Color Overhead Mounts in lieu of 14" standard Legs to match unit color – Non-standard colors are non-returnable –

HAL Halogen Bulb in lieu of standard Display Light (60 Watt)

NO BULB No Bulb option (**GR2AL, GR2AHL models only**)

LIGHTS-ADD'L Extra Lamps – installed (max. two per foot less one – one per foot is standard)

Extended Electrical Leads (must specify Lead Length) –

LEADS5	1'-5'
LEADS10	6'-10'
LEADS15	11'-15'
LEADS20	16'-20'

ACCESSORIES (available for purchase at any time)

Chef LED Adjustable Bulbs – GR2AL, GR2AHL models only (120V) – Require pass-through usage only – GR2AHL must be 10" or higher from surface – Contact your local representative or the factory for up-to-date listing of installations and applicable models –

CLED-2700-120	Warm Light
CLED-3000-120	Warm Light
CLED-4000-120	Cool Light

COLORS AND FINISHES – PAGE 36



Chef LED Bulb

Glo-Ray® Designer Dual Infrared Strip Heaters

Glo-Ray® Designer Aluminum Dual Infrared Strip Heaters allow side-by-side mounting of two warmers to provide a deeper holding area, keeping hot food at optimum serving temperatures. These modern front-of-the-house warmers have standard 3" spacers with optional 6" spacers. Units are available in Designer colors to match most décors.

Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps

- Sturdy continuous aluminum housings eliminate sagging
- Pre-focused heat pattern directs heat from a tubular element to bathe the entire holding surface, holding food safely
- Available in widths from 21½" to 87½"
- Variety of models, configurations, colors and accessories provide unlimited flexibility
- Optional sneeze guards that meet food safety standards can be ordered for display areas and buffet lines
- Optional shatter-resistant incandescent lights available
- Black corner caps and inset panels standard
- Additional reflector styles and lower wattage elements available; consult factory for more information



GR2AH-24D with standard Designer non-adjustable stands, and optional sneeze guards and Designer color inset panels



GR2AHL-48D with standard Designer non-adjustable stands and optional Designer color inset panels

DESIGNER DUAL INFRARED ALUMINUM STRIP HEATERS

Model* ^o	Width	Watts	Ship Weight*
Standard Watt			
GR2A-18D	21½"	500	44 lbs.
GR2A-24D	27½"	700	48 lbs.
GR2A-30D	33½"	900	52 lbs.
GR2A-36D	39½"	1150	57 lbs.
GR2A-42D	45½"	1350	66 lbs.
GR2A-48D	51½"	1600	77 lbs.
GR2A-54D	57½"	1850	88 lbs.
GR2A-60D	63½"	2100	97 lbs.
GR2A-66D	69½"	2320	107 lbs.
GR2A-72D	75½"	2550	117 lbs.
GR2A-84D ^m	87½"	3000	138 lbs.

Model* ^o	Width	Watts	Ship Weight*
High Watt			
GR2AH-18D	21½"	700	44 lbs.
GR2AH-24D	27½"	1000	48 lbs.
GR2AH-30D	33½"	1320	52 lbs.
GR2AH-36D	39½"	1600	57 lbs.
GR2AH-42D	45½"	1900	66 lbs.
GR2AH-48D	51½"	2200	77 lbs.
GR2AH-54D	57½"	2500	88 lbs.
GR2AH-60D	63½"	2800	97 lbs.
GR2AH-66D ^m	69½"	3120	107 lbs.
GR2AH-72D ^m	75½"	3450	117 lbs.
GR2AH-84D [*]	87½"	4100	138 lbs.

- * When no color is specified, color inset panels and corner caps will be Black.
- ^o Does not include Remote Control Box (RMB). Must choose RMB (see pages 34 and 35).
- * Does not include RMB.
- ^m 120V models with infinite controls not available.
- ^{*} 120V models not available.

All Designer Dual Infrared Strip Heater Models Feature:

Voltage: 120, 208 or 240, single phase only.
Switch Location: Remote only (see pages 34 and 35).
Leads: 5' leads through ½" conduit in leg cavity.
Dimensions: With 3" Spacer (Standard): 21½"-87½"W x 18"D x 3½"H.
 With 6" Spacer: 21½"-87½"W x 21"D x 3½"H.

OPTIONS AND ACCESSORIES – PAGE 28 RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ONE (1) YEAR ON-SITE PARTS AND LABOR WARRANTY, PLUS ONE (1) ADDITIONAL YEAR PARTS-ONLY WARRANTY ON ALL GLO-RAY® METAL-SHEATHED HEATING ELEMENTS.

DESIGNER DUAL INFRARED ALUMINUM STRIP HEATERS WITH LIGHTS

Model* ^o	No. of Bulbs	Width	Watts	Ship Weight*
Standard Watt				
GR2AL-18D	2	21½"	620	44 lbs.
GR2AL-24D	2	27½"	820	48 lbs.
GR2AL-30D	2	33½"	1020	53 lbs.
GR2AL-36D	3	39½"	1330	58 lbs.
GR2AL-42D	3	45½"	1530	67 lbs.
GR2AL-48D	4	51½"	1840	79 lbs.
GR2AL-54D	4	57½"	2090	91 lbs.
GR2AL-60D	5	63½"	2400	100 lbs.
GR2AL-66D	5	69½"	2620	110 lbs.
GR2AL-72D	6	75½"	2910	120 lbs.
GR2AL-84D ^m	7	87½"	3420	141 lbs.

Model* ^o	No. of Bulbs	Width	Watts	Ship Weight*
High Watt				
GR2AHL-18D	2	21½"	820	44 lbs.
GR2AHL-24D	2	27½"	1120	48 lbs.
GR2AHL-30D	2	33½"	1440	53 lbs.
GR2AHL-36D	3	39½"	1780	58 lbs.
GR2AHL-42D	3	45½"	2080	67 lbs.
GR2AHL-48D	4	51½"	2440	79 lbs.
GR2AHL-54D	4	57½"	2740	91 lbs.
GR2AHL-60D	5	63½"	3100	100 lbs.
GR2AHL-66D ^m	5	69½"	3420	110 lbs.
GR2AHL-72D ^m	6	75½"	3810	120 lbs.
GR2AHL-84D [*]	7	87½"	4520	141 lbs.

- * When no color is specified, color inset panels and corner caps will be Black.
- ^o Does not include Remote Control Box (RMB). Must choose RMB (see pages 34 and 35).
- * Does not include RMB.
- ^m 120V models with infinite controls not available.
- ^{*} 120V models not available.

All Designer Dual Strip Heater Models with Lights Feature:

Voltage: 120, 120/208 or 120/240, single phase only.
Switch Location: Remote only (see pages 34 and 35).
Leads: 5' leads through ½" conduit in leg cavity.
Dimensions: With 3" Spacer (Standard): 21½"-87½"W x 18"D x 3½"H.
 With 6" Spacer: 21½"-87½"W x 21"D x 3½"H.





GR2AHL-30D with standard 3" spacer

OPTIONS (available at time of purchase only)

Designer Colors, Aluminum models 21½"- 87½" (includes Stands) – Non-standard colors are non-returnable – Clear Anodized Standard – COLOR-15, -18 15" and 18" Housings for GR2A, GR2AH, GR2AL and GR2AHL Dual models

RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Designer Inset Panel Colors – Non-standard colors are non-returnable – Black Standard –

RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Designer Corner Caps – Non-standard colors are non-returnable – Black Standard –

BLACK	Black Corner Caps	DKGRAY	Dark Gray Corner Caps
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NO CONTROLS No Control included – requires selection of RMB2 Control (see page 34)

RMB Must choose Remote Control Enclosure (RMB not included)

See pages 34 and 35

Designer Remote Control Enclosures – Non-standard colors are non-returnable –

RMB-COLOR Remote Control Housing in Designer Color

RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

7.5BP1 7½" Sneeze Guard – one side

7.5BP2 7½" Sneeze Guard – two sides

14BP1 14" Sneeze Guard – one side

14BP2 14" Sneeze Guard – two sides

NTL2-10, -12, -16 Designer Color for Non-Adjustable Stands to match unit color: 10", 12" or 16" in lieu of standard 14" – Non-standard colors are non-returnable –

NTH2-4 4" Designer Color Overhead Mounts in lieu of standard 14" Stands – Non-standard colors are non-returnable –

HAL Halogen Bulb in lieu of standard Display Light (60 Watt)

NO BULB No Bulb option (GR2AL-xxD, GR2AHL-xxD models only)

LIGHTS-ADD'L Extra Lamps – installed (max. two per foot less one – one per foot is standard)

Extended Electrical Leads (must specify Lead Length) –

LEADS5 1'-5'

LEADS10 6'-10'

LEADS15 11'-15'

LEADS20 16'-20'

ACCESSORIES (available for purchase at any time)

Chef LED Adjustable Bulbs – GR2AL-xxD, GR2AHL-xxD models only (120V) – Require pass-through usage only – GR2AL-xxD models must be 15" or higher from surface (GR2AHL-xxD models must be 18" or higher from surface) – Contact your local representative or the factory for up-to-date listing of installations and applicable models –

CLED-2700-120 Warm Light

CLED-3000-120 Warm Light

CLED-4000-120 Cool Light

COLORS AND FINISHES – PAGE 36



Chef LED Bulb

Ultra-Glo® Ceramic Infrared Strip Heaters

Hatco Ultra-Glo® Ceramic Strip Heaters provide the ultimate holding power. Increased heights improve working clearances and the heat zone blankets the entire holding area. All models include adjustable angle brackets for mounting. Available with or without lights, with attached or Remote Control Box Enclosure (recommended).



UGAH-18 in optional Gloss finish (requires Remote Control Enclosure – not shown)

- Pre-focused pyramidal heat pattern concentrates the heat at the edges where heat loss is greatest
- 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 many locations and configurations, including back- or front-of-the-house use, open kitchen concepts or buffet lines
- Available in widths from 18" to 72" in 6" increments
- Optional coated shatter-resistant incandescent or halogen bulbs enhance product display while safeguarding food from bulb breakage



- A** Sturdy aluminum housings that do not sag
- B** Adjustable standard mounting bracket (allows three [3] different mounting heights and allows for conduit connection to end of the unit)
- C** Heavy-duty insulation surrounds heating element to keep exterior housing cooler and minimize heat loss
- D** Dual aluminized steel reflector keeps housing cooler, focuses more heat towards the food
- E** Shape of element focuses heat on the food
- F** Protective wire guards under heating element

ALUMINUM CERAMIC STRIP HEATERS

Model	Width	Watts	Ship Weight*
Standard Watt			
UGA-18	18"	500, 490, 500	9 lbs.
UGA-24	24"	650, 675, 650	10 lbs.
UGA-30	30"	900, 840, 900	11 lbs.
UGA-36	36"	1000, 980, 1000	12 lbs.
UGA-42	42"	1200, 1120, 1200	13 lbs.
UGA-48	48"	1500, 1470, 1500	14 lbs.
UGA-54*	54"	1470, 1500	16 lbs.
UGA-60*	60"	1960, 2000	17 lbs.
UGA-66*	66"	1960, 2000	19 lbs.
UGA-72*	72"	1960, 2000	20 lbs.
High Watt			
UGAH-18	18"	650, 675, 650	9 lbs.
UGAH-24	24"	750, 750, 750	10 lbs.
UGAH-30	30"	1125, 1125, 1125	11 lbs.
UGAH-36	36"	1300, 1350, 1300	12 lbs.
UGAH-42	42"	1500, 1500, 1500	13 lbs.
UGAH-48*	48"	2025, 1950	14 lbs.
UGAH-54*	54"	2250, 2250	16 lbs.
UGAH-60*	60"	2700, 2600	17 lbs.
UGAH-66*	66"	2700, 2600	19 lbs.
UGAH-72*	72"	3000, 3000	20 lbs.

* Does not include Remote Control Enclosure.
* 120V models not available.

All Ceramic Infrared Strip Heater Models Feature:

Voltage: 120, 208 or 240, single phase.
Models Shipped With: Angle brackets and leads (3' conduit whip).
Dimensions With Attached Control Box, Toggle and Indicator Light:
18"-72"W x 9 7/8"D x 2 1/2"H.
Dimensions With Remote Control Enclosure, Toggle and Indicator Light:
18"-72"W x 6"D x 2 1/2"H.

OPTIONS AND REMOTE BOXES – PAGE 31
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ALL CERAMIC HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE (1) YEAR.

ALUMINUM CERAMIC STRIP HEATERS WITH LIGHTS

Model	No. of Bulbs	Width	Watts	Ship Weight*
Standard Watt				
UGAL-18	1	18"	560, 550, 560	12 lbs.
UGAL-24	2	24"	770, 795, 770	13 lbs.
UGAL-30	2	30"	1020, 960, 1020	15 lbs.
UGAL-36	3	36"	1180, 1160, 1180	17 lbs.
UGAL-42	3	42"	1380, 1300, 1380	18 lbs.
UGAL-48	4	48"	1740, 1710, 1740	20 lbs.
UGAL-54*	4	54"	1710, 1740	22 lbs.
UGAL-60*	5	60"	2260, 2300	23 lbs.
UGAL-66*	5	66"	2260, 2300	25 lbs.
UGAL-72*	6	72"	2320, 2360	27 lbs.
High Watt				
UGAHL-18	1	18"	710, 735, 710	12 lbs.
UGAHL-24	2	24"	870, 870, 870	13 lbs.
UGAHL-30	2	30"	1245, 1245, 1245	15 lbs.
UGAHL-36	3	36"	1480, 1530, 1480	17 lbs.
UGAHL-42	3	42"	1680, 1680, 1680	18 lbs.
UGAHL-48*	4	48"	2265, 2190	20 lbs.
UGAHL-54*	4	54"	2490, 2490	22 lbs.
UGAHL-60*	5	60"	3000, 2900	23 lbs.
UGAHL-66*	5	66"	3000, 2900	25 lbs.
UGAHL-72*	6	72"	3360, 3360	27 lbs.

* Does not include Remote Control Enclosure.
* 120V models not available.

All Ceramic Infrared Strip Heater Models with Lights Feature:

Voltage: 120, 120/208 or 120/240, single phase.
Models Shipped With: Angle brackets and leads (3' conduit whip).
Dimensions With Attached Control Box, Toggle and Indicator Light:
18"-72"W x 9 7/8"D x 2 1/2"H.
Dimensions With Remote Control Enclosure, Toggle and Indicator Light:
18"-72"W x 6"D x 2 1/2"H.

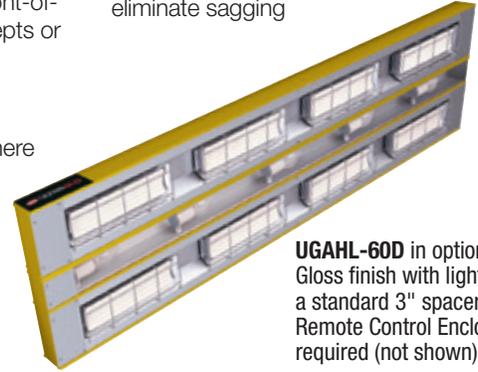




Ultra-Glo® Ceramic Dual Infrared Strip Heaters

Hatco Ultra-Glo® Ceramic Strip Heaters provide the ultimate holding power. Increased height improves working clearances and the heat zone blankets the entire holding area. All models include adjustable angle brackets for mounting. Dual-mounted Strip Heaters accommodate wider food holding areas.

- Increased height improves operational working clearances, giving 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
- 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"
- Remote Control Enclosure with toggle switch, indicator light and wiring for convenient control placement
- Sturdy extruded aluminum housings eliminate sagging



UGAHL-60D in optional Gloss finish with lights and a standard 3" spacer – Remote Control Enclosure required (not shown)

ALUMINUM DUAL CERAMIC STRIP HEATERS

Model	Width	Watts	Ship Weight*
Standard Watt			
UGA-18D	18"	1000, 980, 1000	17 lbs.
UGA-24D	24"	1300, 1350, 1350	19 lbs.
UGA-30D	30"	1500, 1680, 1800	21 lbs.
UGA-36D*	36"	1960, 2000	24 lbs.
UGA-42D*	42"	2240, 2400	27 lbs.
UGA-48D*	48"	2940, 3000	30 lbs.
UGA-54D*	54"	2940, 3000	33 lbs.
UGA-60D*	60"	3920, 4000	37 lbs.
UGA-66D*	66"	3920, 4000	40 lbs.
UGA-72D*	72"	3920, 4000	44 lbs.
High Watt			
UGAH-18D	18"	1350, 1350, 1300	17 lbs.
UGAH-24D	24"	1500, 1500, 1500	19 lbs.
UGAH-30D*	30"	2250, 2500	21 lbs.
UGAH-36D*	36"	2700, 2600	24 lbs.
UGAH-42D*	42"	3000, 3000	27 lbs.
UGAH-48D*	48"	4050, 3900	30 lbs.
UGAH-54D*	54"	4500, 4500	33 lbs.
UGAH-60D*	60"	5400, 5200	37 lbs.
UGAH-66D*	66"	5400, 5200	40 lbs.
UGAH-72D*	72"	6000, 6000	44 lbs.

* Does not include Remote Control Enclosure.
* 120V models not available.

All Ceramic Dual Infrared Strip Heater Models Feature:

Voltage: 120, 208 or 240, single phase.

Models Shipped With: Angle brackets and leads (3' conduit whip).

Dimensions With Attached Control Box, Toggle and Indicator Light:

18"-72" x 18 7/8" x 2 1/2".

Dimensions With Remote Control Enclosure, Toggle and Indicator Light:

18"-72" x 15" x 2 1/2".

OPTIONS AND REMOTE BOXES – PAGE 31
RECOMMENDED MOUNTING HEIGHTS – PAGE 32

ALUMINUM DUAL CERAMIC STRIP HEATERS WITH LIGHTS

Model	No. of Bulbs	Width	Watts	Ship Weight*
Standard Watt				
UGAL-18D	1	18"	1060, 1040, 1060	17 lbs.
UGAL-24D	2	24"	1420, 1470, 1420	19 lbs.
UGAL-30D	2	30"	1620, 1800, 1920	21 lbs.
UGAL-36D*	3	36"	2140, 2180	24 lbs.
UGAL-42D*	3	42"	1860, 1980	27 lbs.
UGAL-48D*	4	48"	3180, 3240	30 lbs.
UGAL-54D*	4	54"	3180, 3240	33 lbs.
UGAL-60D*	5	60"	4220, 4300	37 lbs.
UGAL-66D*	5	66"	4220, 4300	40 lbs.
UGAL-72D*	6	72"	4220, 4300	44 lbs.
High Watt				
UGAHL-18D	1	18"	1360, 1410, 1360	17 lbs.
UGAHL-24D	2	24"	1620, 1620, 1620	19 lbs.
UGAHL-30D*	2	30"	2370, 2370	21 lbs.
UGAHL-36D*	3	36"	2880, 2780	24 lbs.
UGAHL-42D*	3	42"	3180, 3180	27 lbs.
UGAHL-48D*	4	48"	4290, 4140	30 lbs.
UGAHL-54D*	4	54"	4740, 4740	33 lbs.
UGAHL-60D*	5	60"	5700, 5500	37 lbs.
UGAHL-66D*	5	66"	5700, 5500	40 lbs.
UGAHL-72D*	6	72"	6360, 6360	44 lbs.

* Does not include Remote Control Enclosure.
* 120V models not available.

All Ceramic Infrared Strip Heater Models with Lights Feature:

Voltage: 120, 120/208 or 120/240, single phase.

Models Shipped With: Angle brackets and leads (3' conduit whip).

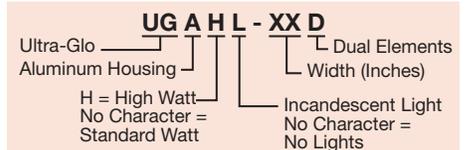
Dimensions With Attached Control Box, Toggle and Indicator Light:

18"-72" x 18 7/8" x 2 1/2".

Dimensions With Remote Control Enclosure, Toggle and Indicator Light:

18"-72" x 15" x 2 1/2".

ALL CERAMIC HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE (1) YEAR.





UGAH-36D with standard 3" spacer (Remote Control Enclosure recommended – not shown)

OPTIONS (available at time of purchase only)

Designer Colors, Aluminum models 18"-72" – Non-standard colors are non-returnable – Clear Anodized Standard –

COLOR-6	6" Housing for Single UGA and UGAH models							
COLOR-9	9" Housing for Single UGAL and UGAHL models							
COLOR-15, -18	15" and 18" Housings for Dual UGA, UGAH, UGAL, UGAHL models							
	RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
	BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Gloss Finishes, Aluminum models 18"- 72" – Non-standard colors are non-returnable –

GLOSS-6	6" Housing for Single UGA and UGAH models							
GLOSS-9	9" Housing for Single UGAL and UGAHL models							
GLOSS-15, -18	15" and 18" Housings for Dual UGA, UGAH, UGAL, UGAHL models							
	RRED	Radiant Red	GGRAY	Glossy Gray	BBLACK	Bold Black		
	GGOLD	Gleaming Gold	BBLUE	Brilliant Blue				

Designer Colors for Remote Control Enclosures – Non-standard colors are non-returnable –

RMB-COLOR	Remote Control Housing in Designer Color							
	RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
	BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Gloss Finishes for Remote Control Enclosures – Non-standard colors are non-returnable –

RMB-GLOSS	Remote Control Housing in Gloss Finish					
	RRED	Radiant Red	GGRAY	Glossy Gray	BBLACK	Bold Black
	GGOLD	Gleaming Gold	BBLUE	Brilliant Blue		

HAL	Halogen Bulb in lieu of standard Display Light (60 Watt)
LIGHTS ADD'L	Extra Lamps – installed (max. two per foot less one – one per foot is standard) – not available for Dual models
UGA-NTL-14, -16	Non-Adjustable Tubular Stands (specify 14" or 16" clearance)
UGA-NTL-18, -20	Non-Adjustable Tubular Stands (specify 18" or 20" clearance)
UGA-NTL-22	Non-Adjustable Tubular Stands for 22" clearance
UGA-NTL-18-D, -20-D	Non-Adjustable Tubular Stands (specify 18" or 20" clearance) – Dual models require two (2) pairs
UGA-NTL-22-D, -24-D, -26-D	Non-Adjustable Tubular Stands (specify 22", 24" or 26" clearance) – Dual models require two (2) pairs
NTL-PAINT	Designer Color or Gloss Finish for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable –
NTL-PAINT-D	Designer Color or Gloss Finish for Non-Adjustable Tubular Stands – Non-standard colors are non-returnable – Dual models require two (2) pairs

Extended Electrical Leads (must specify Lead Length) –

HTLEADS5	1'-5'
HTLEADS10	6'-10'
HTLEADS15	11'-15'
HTLEADS20	16'-20'
RMB-UGA	Remote Control Enclosure with Toggle Control and Indicator in lieu of attached Control Box – Designer Colors and Gloss Finishes available
RMB-UGA-INF	Remote Control Enclosure with Toggle Switch, Electronic Infinite Control, Relay and Indicator Light in lieu of attached Control Box – Designer Colors and Gloss Finishes available

COLORS AND FINISHES – PAGE 36

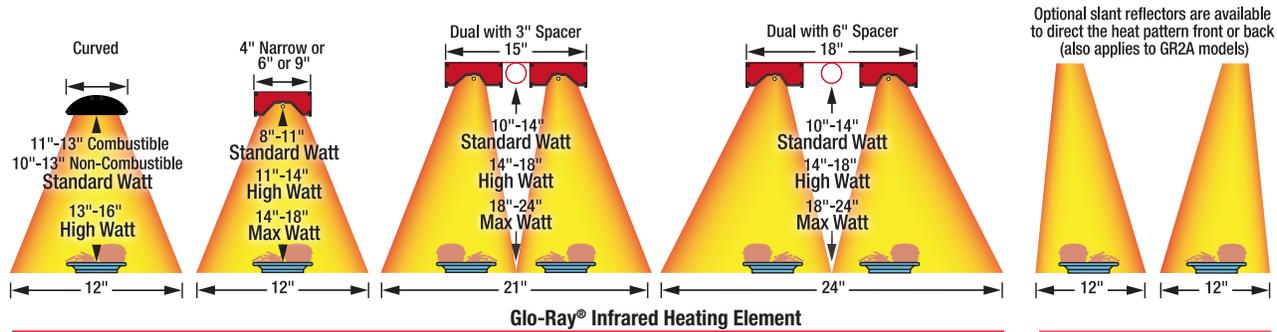
RMB-UGA-INF





Strip Heater Recommended Range Above Target* and Spacing Requirements

(based on 24" Strip Heaters, non-flammable surface)



GLO-RAY® INFRARED

Curved Standard Watt (GR5A, GR5AL)

Minimum Combustible Surface: Install minimum of 1" from back wall, 1" from overshef and 11" above surface.

Minimum Non-Combustible Surface: 1" from overshef and 10" above surface (back of wall: no requirement).

Curved High Watt (GR5AH, GR5AHL)

Non-combustible surroundings only. Install 1" from overshef and minimum of 13" above a non-combustible countertop surface (back of wall: no requirement).

Singles (GRA, GRAL, GRAH, GRAH, GRN)

Singles Designer (GR2A, GR2AH, GR2AL, GR2AHL)

Combustibles: 13½" high watt or 10" standard watt below, 1" above and 3" to back wall.

Non-combustibles: 1" above, 10" below for high watt with infinite or indicator lamp and 8" 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 overshef and 8" to a surface below. Maximum 10" setback from the front of an overshef. Models with cords must be installed 3" below an overshef and 11" high watt or 10" standard watt over a surface below.

Duals (GRA-xxD, GRAH-xxD, GRAL-xxD, GRAHL-xxD)

Duals Designer (GR2A-xxD, GR2AH-xxD, GR2AL-xxD, GR2AHL-xxD)

May not be installed in combustible surroundings.

Non-combustibles: 1" above, 10" below. Must be installed in a pass-through area. Units with remote switches may be installed 3" from a non-combustible back wall, 8" from surface below and flush to an overshef. Maximum 10" setback from the front of an overshef.

Singles Max-Watt (GRAM, GRAML, GRNM)

Do not use in combustible surroundings.

Non-combustibles: 1" above, 12" to surface and 3" from back wall. Cord connected: 3" below an overshef, 12" from surface below. Max. 10" setback from front of an overshef.

Duals Max-Watt (GRAM-xxD, GRAML-xxD)

May not be installed in combustible surroundings.

Non-combustibles: Units may be installed 3" from a non-combustible back wall, 1" below an overshef, 15" to surface below. Maximum 10" setback from the front of an overshef.

ULTRA-GLO®

Singles and Duals (UGA, UGA-xxD, UGAH, UGAH-xxD, UGAL, UGAL-xxD, UGAHL, UGAHL-xxD)

May not be installed in combustible surroundings.

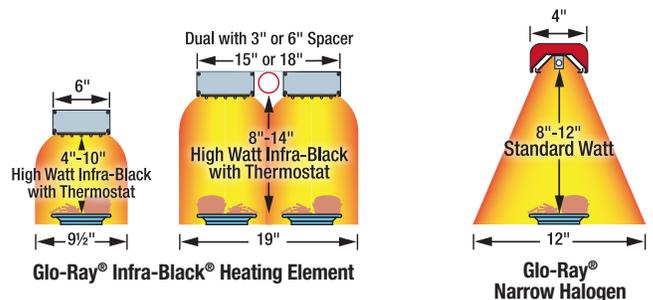
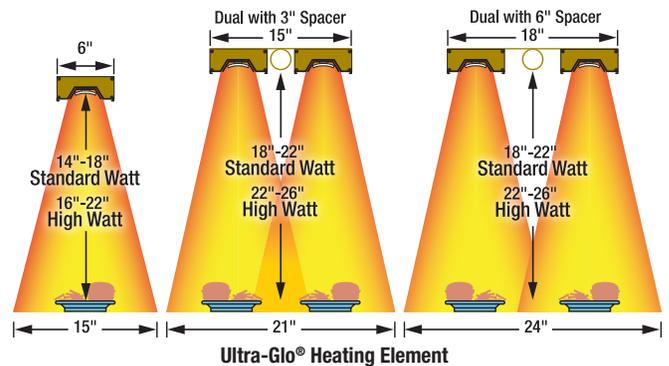
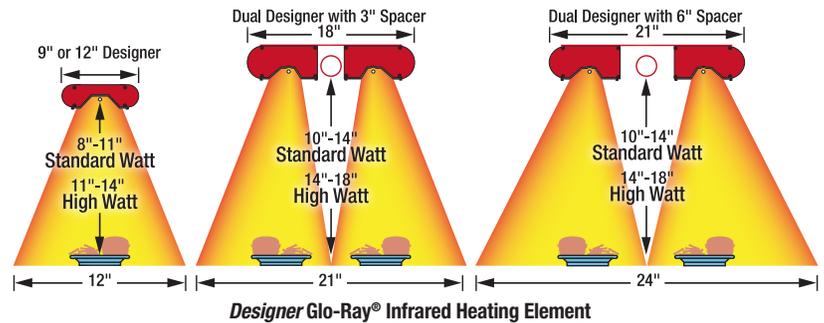
Non-combustibles: 1" above, 17" high watt or 14" standard watt from a surface below and 3" from a back wall.

Dual Mounting Do not mount warmers side by side (dual mounting) with less than a 3" space between units.

GLO-RAY® INFRA-BLACK®

Singles (GRAIH, GRAIHL, GRAIHL-xxD, GRAIH-xxD)

May not be installed in combustible surroundings. Non-combustibles: 1" above and 4" below. Must be installed in a pass-through area. Units with remote switches may be installed 3" from a non-combustible back wall and flush to an overshef. Maximum 10" setback from the front of an overshef.



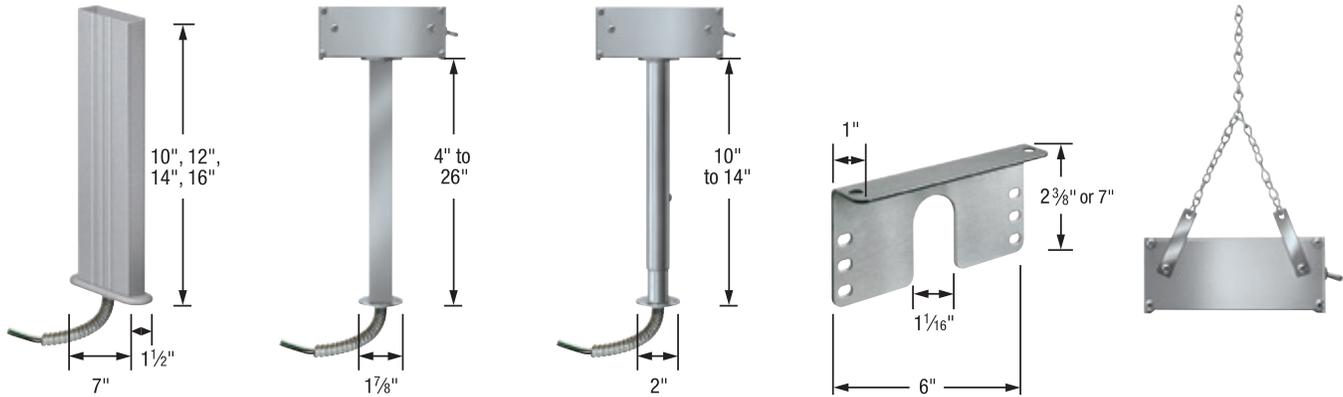
GLO-RAY® NARROW HALOGEN

Singles (GRN4, GRN4L)

Combustibles: Minimum of 10" above surface and 2" from a back wall. Non-combustibles: 7" above and 2" from a back wall.

* Recommended single unit application without base heat, based on ideal conditions. Based on a 24" Strip Heater. Individual applications may vary, consult factory. Non-flammable surface only.

Glo-Ray® Mounting Arrangements



PERMANENT – For hardwired installation

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 pairs. Specify power location.

Adjustable Tubular Stands

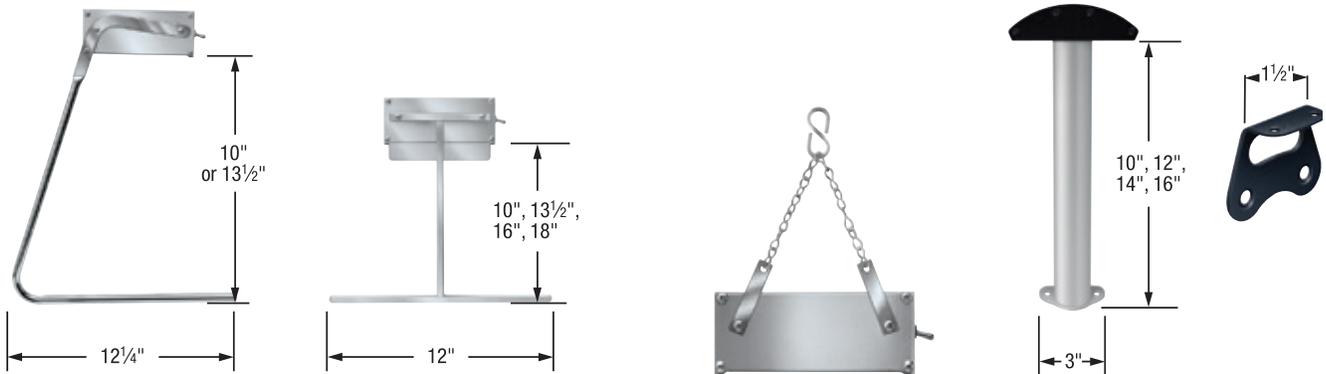
Sturdy tubular stands conceal all hook-up wiring. Duals require two pairs (not available on Max Watt or Ultra-Glo® models). Specify power location.

Angle brackets

Special adjustable angle brackets fit 6" or 9" housings for mounting Glo-Ray® under a shelf. Provides 1"-2" space or 1"-6" space between Glo-Ray and overshef. Duals require two pairs (standard 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 (not available on Max Watt or Ultra-Glo® models).



PORTABLE – For cord and plug installation

C-Leg Stands

Attractive chrome plated legs allow easy relocation of the warmer. For models 72" or less in width (not available on Max Watt or Ultra-Glo® models). Requires attached cord & plug set.

T-Leg Stands

Provide rigid stability and allow for more pass-through area below unit. For models 72" or less in width (not available on Max Watt or Ultra-Glo® models). Requires attached cord & plug set.

STATIONARY – For cord & plug set installation

Chain Hook

Chains attach to tabs provided with warmers. 6" chain with S-Hooks for units with cord & plug only.

GR5A, GR5AH, GR5AL, GR5AHL Mounting ONLY

Non-Adjustable Tubular Stands and Angle Brackets

Sturdy stands conceal all hook-up wiring. Available in Designer colors. Specify power location. Standard angle brackets for mounting under a shelf. Provides 1" space between Strip Heater and overshef.



Remote Control Enclosures

1. Find the volt and current (Amp) rating for the Strip Heater(s) the RMB2 will be controlling. This is the total current of all circuits on the warmer(s).
2. If the current rating is under 20 Amps, then select an RMB2-1R; if the current rating is between 20 and 40 Amps, select the RMB2-2R. The RMB2-2R has two 20 Amp outputs.
3. Select the current (Amp) rating of the RMB2 that is just above the total current rating of the warmer(s) it will control. The RMB2 will need to be connected to a branch circuit breaker suitable for its current rating.
4. Select the voltage rating for the RMB2 based on the highest voltage rating of the warmer(s). For example, if the warmer(s) is rated 120/208 volts, select a 208 volt RMB2 control.

- Easy to specify, install and service
- Compatible with most Strip Heaters (GR, GRA, GRAH, GRAIH, GR2A, GR2AH, GRN and GRNH series)
- Total amperage of light and heat combined cannot exceed max Amp rating of the control box
- Maximum of 8 Amps total allowed on the light circuit
- Multiple Strip Heaters may be connected to one RMB2 if the combined current draw of the warmers is less than the rating of the RMB2. All warmers will be controlled with same set-point

Choose Remote Box (RMB) can be found on:
www.hatcocorp.com
 under Resources



REMOTE CONTROL ENCLOSURES (RMB)

Model	Voltage	Max. Amps
RMB2		
One (1) Toggle, one (1) Infinite with Relay, one (1) Indicator		
RMB2-1R	120, 208, 240	12 Max. Amps
	120, 208, 240	16 Max. Amps
	120, 208, 240	20 Max. Amps
One (1) Toggle, one (1) Infinite, two (2) Relays, one (1) Indicator		
RMB2-2R	120, 208, 240	24 Max. Amps
	120, 208, 240	32 Max. Amps
	120, 208, 240	40 Max. Amps
RMB3		
One (1) Toggle, one (1) Infinite with Relay, one (1) Indicator (Wall Mounted)		
RMB3-1R	120	12 Max. Amps
	120, 208, 240	16 Max. Amps
One (1) Toggle, one (1) Infinite with two (2) Relays, one (1) Indicator (Wall Mounted)		
RMB3-2R	120, 208, 240	16 Max. Amps
	120, 208, 240	24 Max. Amps
	120, 208, 240	32 Max. Amps
	120, 208, 240	35 Max. Amps

All Remote Control Enclosure Models Feature:
 Ship Weight: 6-8 lbs. depending on components.
 Dimensions: **RMB2-1R:** 11"W x 4½"D x 5½"H.
RMB2-2R: 14"W x 4½"D x 5½"H.
RMB3-1R: 16"W x 6¼" x D x 4¾"H.
RMB3-2R: 21¾"W x 6¼" x D x 4¾"H.
 Cutout Dimensions: **RMB2-1R:** 10⅞" W x 4¾" H.
RMB2-2R: 13 ⅞" W x 4¾" H.



RMB2-2R
with two relays



RMB2-1R
with one relay



RMB3-2R
Wall mount
with two relays
and close-up of
digital read-out



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. When Remote Control Enclosures are used, no more than one (1) RMB per Strip Heater and no more than one (1) Strip Heater per RMB.

- Built for toggle or infinite switches, indicator lights and wiring
- One (1) RMB per Strip Heater
- Consult RMB configurator for specific details at www.hatcocorp.com

Toggle Switch: Max. 15 Amps
Infinite Switch: Max. 12.2 Amps

Remote Control Enclosures: When used, no more than one (1) RMB per Strip Heater and no more than one (1) Strip Heater per RMB.

RMB-7L with toggle switch and infinite control



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



RMB-3F with toggle switch and indicator light



RMB-7D with toggle switches and optional Designer color

REMOTE CONTROL ENCLOSURES (RMB)

Model	Description	Voltage	Width
RMB-3A, -3B, -3C	One (1) Infinite	120, 208, 240	5½"
RMB-3D	One (1) Toggle	120, 208, 240	5½"
RMB-3E	Two (2) Toggle	120, 208, 240	5½"
RMB-3F, -3G, -3H	One (1) Toggle, one (1) Indicator	120, 208, 240	5½"
RMB-7A, -7B, -7C	Two (2) Infinite	120, 208, 240	9"
RMB-7D	Three (3) Toggle	120, 208, 240	9"
RMB-7E	Four (4) Toggle	120, 208, 240	9"
RMB-7F, -7G, -7H	One (1) Infinite, one (1) Indicator	120, 208, 240	9"
RMB-7I, -7J, -7K	Two (2) Toggle, two (2) Indicator	120, 208, 240	9"
RMB-7L, -7M, -7N	One (1) Toggle, one (1) Infinite	120, 208, 240	9"
RMB-7O, -7P, -7Q	One (1) Toggle, One (1) Infinite, One (1) Indicator	120, 208, 240	9"
RMB-7S	Two (2) Toggle, One (1) Indicator	120, 208, 240	9"
RMB-14A, -14B, -14C	Three (3) Infinite	120, 208, 240	14"
RMB-14D, -14E, -14F	Four (4) Infinite	120, 208, 240	14"
RMB-14G	Five (5) Toggle	120, 208, 240	14"
RMB-14H	Six (6) Toggle	120, 208, 240	14"
RMB-14I, -14J, -14K	Three (3) Toggle, Three (3) Indicator	120, 208, 240	14"
RMB-14L, -14M, -14N	Two (2) Infinite, Two (2) Indicator	120, 208, 240	14"
RMB-14O, -14P, -14Q	Two (2) Toggle, Two (2) Infinite	120, 208, 240	14"
RMB-14R, -14S, -14T	One (1) Toggle, One (1) Infinite with Relay, One (1) Indicator	120, 208, 240	14"
RMB-14V, -14W, -14Y	One (1) Toggle, Two (2) Infinite	120, 208, 240	14"
RMB-14AA, -14AB	Master Toggle, One (1) Electronic Infinite with Relay	120, 208, 240	14"
RMB-14AF, -14AG, -14AH	Three (3) Toggle, Two (2) Indicator	120, 208, 240	14"
RMB-14AI, -14AJ, -14AK	One (1) Toggle, Three (3) Infinite	120, 208, 240	14"
RMB-14AL, -14AM, -14AN	One (1) Toggle, Two (2) Infinite, Two (2) Indicator	120, 208, 240	14"
RMB-14AO, -14AP, -14AQ	One (1) Toggle, Two (2) Infinite, Three (3) Indicator	120, 208, 240	14"
RMB-14AR, -14AS, -14AT	One (1) Infinite with Relay, One (1) Indicator	120, 208, 240	14"
RMB-16B, -16C, -16D	One (1) Toggle, Four (4) Infinite	120, 208, 240	16"
RMB-16E, -16F, -16G	Three (3) Toggle, Two (2) Infinite	120, 208, 240	16"
RMB-20D, -20E, -20F	Three (3) Toggle, Two (2) Infinite	120, 208, 240	20"
RMB-20G, -20H, -20I	2 Toggle, Four (4) Infinite	120, 208, 240	20"
RMB-20J, -20K, -20L	Three (3) Toggle, Four (4) Infinite, Four (4) Indicator	120, 208, 240	20"
RMB-20M, -20N, -20P	Three (3) Toggle, Two (2) Infinite, Two (2) Indicator	120, 208, 240	20"
RMB-20R, -20S, -20T	Two (2) Toggle, Four (4) Infinite, Four (4) Indicator	120, 208, 240	20"
RMB-20AA, -20AB, -20AC	Two (2) Toggle, Two (2) Infinite, Two (2) Indicator	120, 208, 240	20"
RMB-20AF, -20AG, -20AH	Four (4) Infinite, Four (4) Indicator	120, 208, 240	20"
RMB-20AN, -20AO, -20AP	Four (4) Toggle, Four (4) Indicator	120, 208, 240	20"

All Remote Control Enclosure Models Feature:

Ship Weight: 2-8 lbs. depending on components.

Max. Allowable Amperage per Switch: Toggle: 15.0; Infinite: 12.2.

Dimensions (Not Including Switches): 5½", 9", 14", 16" or 20"W x 3"D x 2½"H.

Choose Remote Box (RMB) can be found on:
www.hatcocorp.com
 under Resources

OPTIONS (available at time of purchase only)

Designer Colors – Non-standard colors are non-returnable –

RMB-COLOR	Remote Control Housing in Designer Color						
RED	Warm Red	GRAY	Gray Granite	NAVY	Navy Blue	COPPER	Antique Copper
BLACK	Black	WHITE	White Granite	GREEN	Hunter Green		

Gloss Finishes – Non-standard colors are non-returnable –

RMB-GLOSS	Remote Control Housing in Gloss Finish				
RRED	Radiant Red	GGRAY	Glossy Gray	BBLACK	Bold Black
GGOLD	Gleaming Gold	BBLUE	Brilliant Blue		

COLORS AND FINISHES – PAGE 36



Paint Chip Sample Colors

DESIGNER COLORS



GLOSS FINISHES



PLATED FINISHES



*Colors are a representation and may not exactly match our colors.
 Consult factory for possible color matching options on these colors.
 Non-standard colors are non-returnable.*

To order a Hatco Paint Chip & Stone Sample Colors Sheet, visit www.hatcocorp.com / Order Literature / Sales Literature / Sell Sheets.



Scan with web-enabled
mobile device to visit
www.hatcocorp.com

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