GLO-RAY® *MAX WATT INFRARED FOODWARMERS*

Models GRAM-18, -24, -30, -36, -42, -48, -54, -60, -66, -72, -84, -96, -108, -120, -132, -144
GRAML-18, -24, -30, -36, -42, -48, -54, -60, -66, -72, -84, -96, -108, -120, -132, -144

Hatco Glo-Ray® Max Watt Infrared Foodwarmers keep all hot foods at optimum serving temperatures longer. Foods do not dry out or become discolored; even the most delicate dishes hold that "just-prepared" look.

FLEXIBILITY

The Glo-Ray pre-focused heat pattern directs heat from a tubular element to bathe the entire holding surface. Units are available with shatter-resistant incandescent lights that illuminate the warming area.

Remote Control Enclosures are available, built in accordance with UL Standards to accommodate switches, indicator lights and wiring, ready for installation. ***Remote Control Enclosure with toggle switch, Electronic Infinite Control, relay, and indicator light (in lieu of attached Control Enclosure) is recommended.***

A Control Enclosure may be specified in front or back of the unit to suit the location. All Max Watt models are shipped factory-assembled, with adjustable angle brackets (shipped loose), ready-to-install quickly and easily.

QUALITY

The following features assure the finest performance for years to come:

- 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.

- Available in widths from 18" to 12' (457-3658 mm).

- Sturdy extruded aluminum housings eliminate sagging.

- Pre-focused heat maintains serving temperatures longer without continuing to cook the food.

- 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.

- Available options include an Electronic Infinite Control with relay in a Remote Control Enclosure.

- Available in *Designer* colors: Warm Red, Black, Gray Granite, White Granite, Navy Blue, Hunter Green, Antique Copper

- Available in Gloss finishes: Smooth White, Gleaming Gold, Glossy Gray, Bold Black, Radiant Red, Brilliant Blue

Model GRAM-18 with Control Enclosure with toggle switch and indicator light

Model GRAML-36 with shatter-resistant incandescent lights, remote control enclosure (not pictured), and standard angle brackets

TOGGLE SWITCH:
Max. 15 amps

METAL SHEATHED ELEMENTS GUARANTEED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.

ANSI/NSF 4

HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A.
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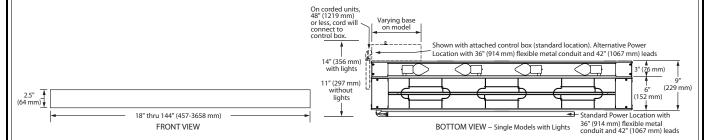**www.hatcocorp.com • E-mail: equipsales@hatcocorp.com**

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On corded units, 48" (1219 mm) or less, cord will connect to control box.

Varying base on model

Shown with attached control box (standard location). Alternative Power Location with 36" (914 mm) flexible metal conduit and 42" (1067 mm) leads

14" (356 mm) with lights

11" (297 mm) without lights

3" (76 mm)

6" (152 mm)

9" (229 mm)

2.5" (64 mm)

18" thru 144" (457-3658 mm)

FRONT VIEW

BOTTOM VIEW – Single Models with Lights

Standard Power Location with 36" (914 mm) flexible metal conduit and 42" (1067 mm) leads

SPECIFICATION✚

Aluminum Max Watt		Aluminum Max Watt with Lights			
Model	**Watt**	**Model**	**Watt**	**Width**	**Shipping Weight◇**
GRAM-18	450	GRAML-18	570	18" (457 mm)	6 lbs (3 kg)/ 9 lbs (4 kg)
GRAM-24	650	GRAML-24	770	24" (610 mm)	7 lbs (3 kg)/10 lbs (5 kg)
GRAM-30	825	GRAML-30	945	30" (762 mm)	8 lbs (4 kg)/11 lbs (5 kg)
GRAM-36	1000	GRAML-36	1180	36" (914 mm)	9 lbs (4 kg)/13 lbs (6 kg)
GRAM-42	1175	GRAML-42	1355	42" (1067 mm)	10 lbs (5 kg)/15 lbs (7 kg)
GRAM-48	1300	GRAML-48	1540	48" (1219 mm)	11 lbs (5 kg)/17 lbs (8 kg)
GRAM-54	1500	GRAML-54	1740	54" (1372 mm)	13 lbs (6 kg)/19 lbs (9 kg)
GRAM-60	1700	GRAML-60▶	2000	60" (1524 mm)	14 lbs (6 kg)/21 lbs (10 kg)
GRAM-66	1875	GRAML-66▶	2175	66" (1676 mm)	16 lbs (7 kg)/22 lbs (10 kg)
GRAM-72	2075	GRAML-72▶	2435	72" (1829 mm)	17 lbs (8 kg)/24 lbs (11 kg)
GRAM-84	2400	GRAML-84▶	2820	84" (2134 mm)	19 lbs (9kg)/ 28 lbs (13 kg)
GRAM-96	2675	GRAML-96▶	3155	96" (2438 mm)	21 lbs (10 kg) /32 lbs (15 kg)
GRAM-108▲★	3000	GRAML-108▲ǀ★	3540	108" (2743 mm)	23 lbs (10 kg)/36 lbs (16 kg)
GRAM-120▲★	3400	GRAML-120▲ǀ★	4000	120" (3048 mm)	26 lbs (12 kg)/40 lbs (18 kg)
GRAM-132▲★	3750	GRAML-132▲ǀ★	4410	132" (3353 mm)	30 lbs (14 kg)/ 44 lbs (20 kg)
GRAM-144▲★	4150	GRAML-144▲ǀ★	4870	144" (3658 mm)	33 lbs (15 kg)/ 48 lbs (22 kg)

✚ Includes either attached control or Remote Control Enclosure with toggle switch(es) and indicator light(s).
◇ Add 2-8 lbs. (1-3 kg) depending on RMB.
▲ Models require tandem (end-to-end) elements.
▶ 120 volt models available with RMB only.
ǀ 120/208 and 120/240 volt models available with RMB only.
★ 120 volt models not available.

DIMENSIONS
GRAM: 18" to 144"W x 6"D✸ x 2.5"H (457-3658 x 152 x 64 mm).
GRAML: 18" to 144"W x 9"D✸ x 2.5"H (457-3658 x 229 x 64 mm).
For special widths, consult factory.
✸ add 5" (127 mm) for units with attached control box.

VOLTAGE
120, 208 and 240 volts, single phase. Models with Lights rated 120, 120/208 or 120/240 volts, single phase.

MOUNTING REQUIREMENTS
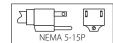Recommended Mounting Height: 14"-18" (356-457 mm)

Adjustable Angle Brackets (Provides 1" – 2" (25-51 mm) clearance above Glo-Ray unit)

MINIMUM SPACING –
GLO-RAY MAX WATT FOODWARMERS MAY NOT BE INSTALLED IN COMBUSTIBLE SURROUNDINGS.
Non-Combustibles: Pass through area: 1" (25 mm) above, 12" (305 mm) to surface below. Corner mount: 3" (76 mm) from non-combustible back wall 12" (305 mm) to surface below. Cord connected: 3" (76 mm) below an overshelf, 12" (305 mm) to surface below. Maximum 10" (254 mm) setback from the front of an overshelf.

PLUG CONFIGURATION

NEMA 5-15P

120 volts only – Models 48" (1219 mm) or less with Chain kit only.

OPTIONS (NOT FOR RETROFIT)
❑ *Designer* Colors: Warm Red, Black, Gray Granite, White Granite, Navy Blue, Hunter Green, Antique Copper
❑ Gloss Finishes: Smooth White, Gleaming Gold, Glossy Gray, Bold Black, Radiant Red, Brilliant Blue
❑ Indicator Light
❑ Tandem Charge (Max. two elements end-to-end)
❑ Extended Electrical Leads
❑ Halogen Bulb in lieu of Incandescent Display Light
❑ Remote Control Enclosure with Toggle Switch(s) and Indicator Light(s) (In lieu of attached Control Enclosure)
❑ Remote Control Enclosure with Toggle Switch, Electronic Infinite Control, Relay, and Indicator Light (In lieu of attached Control Enclosure)

❑ Non-Adjustable Tubular Stands 14", 16", 18", 20", or 24" (356, 406, 457, 508, or 610 mm) – Available in *Designer* colors or Gloss finishes
❑ 6' (1829 mm) Cord and Plug Set (120V only) on models up to 48" (1219 mm) with Standard Chain Mount Kit (Two S Hooks with Two 6" Lengths of Chain)
❑ Remote Infinite or Remote Toggle Switch
❑ Chain and S Hook Suspension
❑ Bright Annealed Reflector

ACCESSORIES
❑ Chain

PRODUCT SPECS
Infrared Foodwarmer

The Infrared Foodwarmer shall be a Glo-Ray®, manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The Foodwarmer shall be a Glo-Ray Model ..., rated at ... watts, ... volts, single phase and be ... millimeters in overall width.

The Glo-Ray shall consist of an aluminum housing and include as standard equipment adjustable angle brackets.

The infrared heating element shall be tubular metal sheathed. The foodwarmer shall be factory assembled ready for electrical installation.

Accessories shall include suspension chain.

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