



## GLO-RAY® INFRARED FOODWARMERS WITH LIGHTS

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

Hatco Glo-Ray® 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. The Glo-Ray pre-focused heat pattern directs heat from a tubular element to bathe the entire holding surface.

### FLEXIBILITY

The continuous aluminum housings, up to 12' (3658 mm) in width, are very strong and eliminate the danger of sagging.

Models include shatter-resistant incandescent lights that illuminate the warming area.

Remote control enclosures are available for all control options, including toggle and infinite switches and indicator lamps. **Remote infinite control installation is recommended on all models.**

Optional sneeze guards, made of shatterproof, easy-to-clean acrylic, are available, providing a safe environment for the food. Check NSF standards and local codes for requirements.

The *Designer* color option helps blend warmers into any décor. Powdercoating provides a durable surface that is easy to clean.

An on-off switch may be installed in front or back of the unit to suit the location. All Glo-Ray models are shipped factory-assembled, with mounting tabs, ready-to-install quickly and easily.

### QUALITY

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

- Available in widths from 18" to 12' (457-3658 mm).
- Sturdy continuous aluminum housings eliminate sagging.
- Pre-focused heat maintains serving temperatures longer without continuing to cook the food.
- Variety of models, configurations, colors, and accessories provide unlimited design flexibility.
- Coated shatter-resistant incandescent lights enhance brilliant product display while safeguarding food from bulb breakage.
- 60 watt teflon coated bulbs - 1 per foot. Halogen bulbs available.
- Extra lights available - two per foot, minus one (GRAHL-48 with extra lights will have seven bulbs).



Model GRAHL-36 with optional sneeze guards and accessory non-adjustable tubular stands



Model GRAHL-66 over a GRS-60-I with optional sneeze guards and accessory non-adjustable tubular stands

### Remote Control Enclosures



Model RMB-3F with toggle switch and indicator light



Model RMB-7D with optional *Designer* color



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

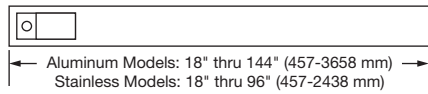
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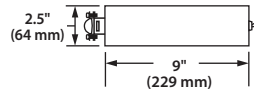


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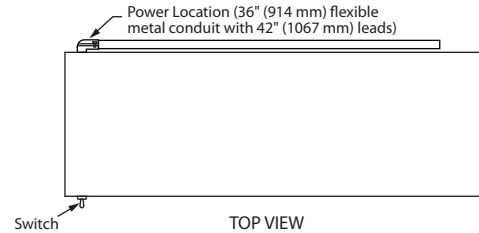
Models GRAHL-18, -24, -30, -36, -42, -48, -54, -60, -66, -72, -84, -96, -108, -120, -132, -144  
 GRAL-18, -24, -30, -36, -42, -48, -54, -60, -66, -72, -84, -96, -108, -120, -132, -144



FRONT VIEW



END VIEW



TOP VIEW

### SPECIFICATIONS

Aluminum High Watt		Aluminum Standard Watt			
Model	Watt	Model	Watt	Width	Shipping Weight*
GRAHL-18	470	GRAL-18	370	18" ( 457 mm)	9 lbs. ( 4 kg)
GRAHL-24	620	GRAL-24	470	24" ( 610 mm)	10 lbs. ( 5 kg)
GRAHL-30	780	GRAL-30	570	30" ( 762 mm)	11 lbs. ( 5 kg)
GRAHL-36	980	GRAL-36	755	36" ( 914 mm)	13 lbs. ( 6 kg)
GRAHL-42	1130	GRAL-42	855	42" (1067 mm)	15 lbs. ( 7 kg)
GRAHL-48	1340	GRAL-48	1040	48" (1219 mm)	17 lbs. ( 8 kg)
GRAHL-54	1490	GRAL-54	1165	54" (1372 mm)	19 lbs. ( 9 kg)
GRAHL-60	1700	GRAL-60	1350	60" (1524 mm)	21 lbs. (10 kg)
GRAHL-66*	1860	GRAL-66	1460	66" (1676 mm)	22 lbs. (10 kg)
GRAHL-72*	2085	GRAL-72	1635	72" (1829 mm)	24 lbs. (11 kg)
GRAHL-84*	2470	GRAL-84*	1920	84" (2134 mm)	28 lbs. (13 kg)
GRAHL-96*	2880	GRAL-96*	2205	96" (2438 mm)	32 lbs. (15 kg)
GRAHL-108	3040	GRAL-108	2330	108" (2743 mm)	36 lbs. (16 kg)
GRAHL-120	3400	GRAL-120	2700	120" (3048 mm)	40 lbs. (18 kg)
GRAHL-132	3780	GRAL-132	2980	132" (3353 mm)	44 lbs. (20 kg)
GRAHL-144	4170	GRAL-144	3270	144" (3658 mm)	48 lbs. (22 kg)

\* Does not include RMB.

† When using an infinite control with 120 volt model, tandem elements are required, cord not available.

‡ 120 volt models require additional switches and tandem (end-to-end) elements.

### DIMENSIONS

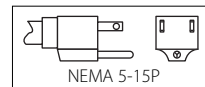
18" to 144"W x 9"D x 2.5"H (457-3658 x 229 x 64 mm). For special lengths, consult factory.

Aluminum models from 18" through 12' (457-3658 mm). Available in 6" (152 mm) increments up to 144" (3658 mm) maximum width.

### VOLTAGE

120 (2-wire), 120/208 or 120/240 volts, single phase, (3-wire). Consult factory for Models GRAHL-84, and GRAHL-96 in 120 volt, and models with tandem elements (208 or 240V). Export voltages available.

### PLUG CONFIGURATIONS



120 volts only Models 6' (1829 mm) or less with C-leg, T-leg stand, or hook-chain mount only. cUL does not permit cord and plug sets.

GLO-RAY WARMERS SHOULD BE POSITIONED NO LESS THAN 10" (254 mm) (standard wattage) or 13.5" (343 mm) (high wattage) ABOVE A NON-METALLIC SURFACE. With the proper distance maintained between the Glo-Ray and the food, hot foods will be held at ideal serving temperatures without cooking the foods beyond the point of excellence.

### REMOTE CONTROL ENCLOSURES

Model	Width	Toggle Switches
RMB-3	5.5" (140 mm)	2 Maximum
RMB-7	9" (229 mm)	4 Maximum
RMB-14	14" (356 mm)	6 Maximum

ONE CONTROL BOX PER FOODWARMER.

### OPTIONS (NOT FOR RETROFIT)

- Designer Colors, Aluminum Models 18" to 96" (457 to 2438 mm): Warm Red, Black, Gray Granite, White Granite, Navy Blue, Hunter Green, Antique Copper
- Indicator Light
- Tandem Charge (Max. two elements end-to-end)
- Extended Electrical Leads
- Sneeze Guard
- Extra Incandescent Lights (Installed are two per foot minus one maximum)
- Halogen Bulbs
- Bright Annealed Lamp Reflector
- Infinite Control† (Remote Recommended)
- Remote Control Enclosure

† Maximum of 12.2 amps. Consult factory if rating of single element at 120 volts exceeds 1400 watts.

### ACCESSORIES

- Adjustable Tubular Stands 10"-14" (254-356 mm)
- Non-Adjustable Tubular Stands 10", 12", 14", or 16" (254, 305, 356, or 406 mm) – Available in Designer colors
- C-Legs Stands for Models up to 6' (1829 mm) (10" or 13.5" (254 or 343 mm) clearance)
- T-Legs Stands for Models up to 6' (1829 mm) (10", 13.5", 16" or 18" (254, 343, 406, or 457 mm) clearance)
- Wall Brackets
- Adjustable Angle Brackets
- Chain Suspension
- 6' (1829 mm) Cord and Plug Set (120V only)‡

‡ Available on models 6' (1829 mm) or less with C-leg or T-leg stand only.

### PRODUCT SPECS

#### Infrared Foodwarmer with Light

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

With 24/7 parts and service assistance (U.S. and Canada only), the Foodwarmer shall be a Glo-Ray Model ... , rated at ... watts, ... volts, single phase, and be ... inches (millimeters) in overall width.

The Glo-Ray shall consist of an aluminum housing and include as standard equipment four stainless steel shelf mounting tabs, incandescent lights, and an on-off switch may be optionally installed to either the front or rear of the unit.

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

Options and accessories shall include adjustable or non-adjustable tubular stand, C-leg stand, T-leg stand, wall brackets, angle brackets, suspension chain and fittings, sneeze guard, cord and plug set, indicator light, and infinite control - remote or built-in.

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