Project _____

Item # _____

Quantity _____

Glo-Ray® Infrared Stainless Steel Strip Heaters

Models: GR-18, -24, -36, -48, -60, -72, -96
GRH-18, -24, -36, -48, -60, -72, -96

Hatco Glo-Ray® Infrared Stainless Steel Strip Heaters safely keep all hot foods at optimum serving temperatures longer. The Glo-Ray® pre-focused heat pattern directs heat from a tubular element to cover the entire holding surface.



GR-18

Standard features

- Pre-focused heat pattern covers the entire holding surface
- Consistent holding temperatures with no "cold spots"
- Standard and high watt models available
- Reflector does not blacken, maintaining a consistent heat pattern
- Reinforced wire guard provides operator safety without affecting heat distribution
- Heavy-duty insulation minimizes heat loss
- Factory assembled with mounting tabs, ready to install quickly and easily
- Contact factory for stainless marine applications
- Additional reflector styles and lower wattage elements also available, please consult factory for more information

Options (available at time of purchase only)

☐ Indicator Light (remote control only) – not available as built-in

Power Leads – extended beyond standard 3' (914 mm) Conduit (must specify Lead length)
☐ 1'-5' (305-1525 mm) ☐ 6'-10' (1829-3048 mm)
☐ 11'-15' (3352-4572 mm) ☐ 16'-20' (4877-6096 mm)

☐ Infinite Control – built-in (max. 12.2 amps). Remote installation recommended

☐ Remote Infinite Switches (max. 12.2 amps)

☐ Remote Toggle Switches (max. 15 amps)

☐ Remote Box – Stainless Steel finish standard
Designer Color or Gloss Finish⊗▪
☐ Warm Red ☐ Black ☐ Gray Granite ☐ White Granite
☐ Navy Blue ☐ Hunter Green ☐ Antique Copper ☐ Smooth White
☐ Gleaming Gold ☐ Glossy Gray ☐ Bold Black

☐ Adjustable Tubular Stands 10"-14" (354 - 406 mm)

Non-Adjustable Tubular Stands – choose clearance
☐ 10" (254 mm) ☐ 12" (305 mm) ☐ 14" (356 mm) ☐ 16" (406 mm)
Designer Color or Gloss Finish for Tubular Stands⊗▪
☐ Warm Red ☐ Black ☐ Gray Granite ☐ White Granite
☐ Navy Blue ☐ Hunter Green ☐ Antique Copper
☐ Smooth White ☐ Gleaming Gold ☐ Glossy Gray ☐ Bold Black

☐ C-Leg Stands for standard watt – 10" (254) clearance – for models up to 6' (1829 mm)

☐ C-Leg Stands for high watt – 13.5" (343 mm) clearance – for models up to 6' (1829 mm)

T-Leg Stands – for models up to 6' (1829 mm) – choose clearance below
☐ 10" (254 mm) – standard watt ☐ 13.5" (343 mm)
☐ 16" (406 mm) ☐ 18" (457 mm)

☐ Attached 6' (1829 mm) Cord and Plug Set on models up to 72" (1829 mm. Requires standard Chain Mount Kit (two S Hooks with two 6" [153 mm] lengths of chain), or add optional C-Leg Stands or T-Leg Stands (see specific model for plug configuration)

☐ Two S Hooks with two 6" (153 mm) lengths of chain

Accessories

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

☐ Chain Suspension

⊗ Non-standard color are non-returnable

NOTE: Install Remote Box outside Heat Zone or damage will occur.

▪ **IFS anti-microbial coatings use naturally-occurring, environmentally sustainable, silver ions to help inhibit the growth of microbes on the powder coated surface. See www.hatcocorp.com/antimicrobial-paint for more information.**

For operation, location and safety information, please refer to the Installation and Operating Manual.

MADE IN THE USA

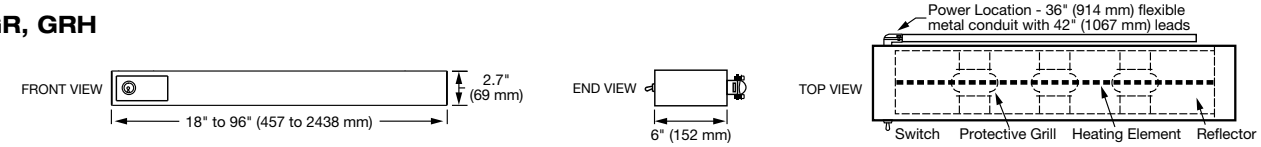
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Glo-Ray® Infrared Stainless Steel Strip Heaters

Models: GR-18, -24, -36, -48, -60, -72, -96
GRH-18, -24, -36, -48, -60, -72, -96

GR, GRH



SPECIFICATIONS
Glo-Ray® Infrared Stainless Steel Strip Heaters
Phase: Single

The shaded areas contain electrical information for International models

Standard Watt					High Watt					Both Models	
Model	Volts	Watts	Amps	Approx. Ship Weight[a]	Model	Volts	Watts	Amps	Approx. Ship Weight[a]	Dimensions W x D x H	Plug (Optional)
GR-18	120	250	2.1	7 lbs. (4 kg.)	GRH-18	120	350	2.9	8 lbs. (4 kg.)	18" x 6" x 2.75" (457 x 152 x 70 mm)	NEMA 5-15P
	208		1.2			208		1.7			–
	240		1.0			240		1.5			
	–	–	–			100	350	3.5			NEMA 5-15P
	200	231	1.2			200	324	1.6			–
	220	250	1.1			220	350	1.6			
	220-230	250-273	1.1-1.2			220-230	350-383	1.6-1.7			CEE 7-7 Schuko BS-1363
	230-240	230-250	1.0-1.0			230-240	321-350	1.4-1.5			
	240	250	1.0			240	350	1.5			
GR-24	120	350	2.9	7 lbs. (4 kg.)	GRH-24	120	500	4.2	7 lbs. (4 kg.)	24" x 6" x 2.75" (610 x 152 x 70 mm)	NEMA 5-15P
	208		1.7			208		2.4			–
	240		1.5			240		2.1			
	–	–	–			100	500	5.0			NEMA 5-15P
	200	324	1.6			200	462	2.3			–
	220	350	1.6			220	500	2.3			
	220-230	350-383	1.6-1.7			220-230	500-547	2.3-2.4			CEE 7-7 Schuko BS-1363
	230-240	321-350	1.4-1.5			230-240	459-500	2.0-2.1			
	240	350	1.5			240	500	2.1			
GR-36	120	575	4.8	10 lbs. (5 kg.)	GRH-36	120	800	6.7	10 lbs. (5 kg.)	36" x 6" x 2.75" (914 x 152 x 70 mm)	NEMA 5-15P
	208		2.8			208		3.8			–
	240		2.4			240		3.3			
	–	–	–			100	800	8.0			NEMA 5-15P
	200	532	2.7			200	740	3.7			–
	220	575	2.6			220	800	3.6			
	220-230	575-629	2.6-2.7			220-230	800-875	3.6-3.8			CEE 7-7 Schuko BS-1363
	230-240	528-575	2.3-2.4			230-240	735-800	3.2-3.3			
	240	532	2.4			240	500	3.3			
GR-48	120	800	6.7	12 lbs. (6 kg.)	GRH-48	120	1100	9.2	13 lbs. (6 kg.)	48" x 6" x 2.75" (1219 x 152 x 70 mm)	NEMA 5-15P
	208		3.8			208		5.3			–
	240		3.3			240		4.6			
	–	–	–			100	1100	11.0			NEMA 5-15P
	200	740	3.7			200	1017	5.1			–
	220	800	3.6			220	1100	5.0			
	220-230	800-874	3.6-3.8			220-230	1100-1202	5.0-5.2			CEE 7-7 Schuko BS-1363
	230-240	735-800	3.2-3.3			230-240	1010-1100	4.4-4.6			
	240	800	3.3			240	1100	4.6			
GR-60	120	1050	8.8	15 lbs. (7 kg.)	GRH-60	120	1400	11.7	16 lbs. (8 kg.)	60" x 6" x 2.75" (1524 x 152 x 70 mm)	NEMA 5-15P
	208		5.0			208		6.7			–
	240		4.4			240		5.8			
	–	–	–			100	1400	14.0			NEMA 5-15P
	200	971	4.9			200	1294	6.5			–
	220	1050	4.8			220	1400	6.4			
	220-230	1050-1148	4.8-5.0			220-230	1400-1530	6.4-6.7			CEE 7-7 Schuko BS-1363
	230-240	964-1050	4.2-4.4			230-240	1286-1400	5.6-5.8			
	240	1050	4.4			240	1400	5.8			

[a] Shipping weight includes packaging and does not include RMB.
‡ CE approved units for 220–230V utilize a 220V heating system; 230–240V CE units utilize a 240V heating system.
↜ Infinite not available in 120V.
♣ GRH-72 requires NEMA 5-20P cord for Canada.

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Glo-Ray® Infrared Stainless Steel Strip Heaters

Models: GR-18, -24, -36, -48, -60, -72, -96
GRH-18, -24, -36, -48, -60, -72, -96

SPECIFICATIONS
Glo-Ray® Infrared Stainless Steel Strip Heaters
Phase: Single

The shaded areas contain electrical information for International models

Standard Watt					High Watt					Both Models	
Model	Volts	Watts	Amps	Approx. Ship Weight♠	Model	Volts	Watts	Amps	Approx. Ship Weight♠	Dimensions W x D x H	Plug (Optional)
GR-72	120	1275	10.6	19 lbs. (9 kg.)	GRH-72✓♣	120	1725	14.4	19 lbs. (9 kg.)	72" x 6" x 2.75" (1829 x 152 x 70 mm)	NEMA 5-15P
	208		6.1			208		8.3			–
	240		5.3			240		7.2			
	–	–	–			100	1725	17.3			NEMA 5-15P
	200	1179	5.9			200	1595	8.0			–
	220	1275	5.8			220	1725	7.8			CEE 7-7 Schuko BS-1363
	220-230	1275-1394	5.8-6.1			220-230	1725-1886	7.8-8.2			
	230-240	1171-1275	5.1-5.3			230-240	1584-1725	6.9-7.2			
	240	1275	5.3			240	1725	7.2			
GR-96✓	120	1725	14.4	24 lbs. (11 kg.)	GRH-96	–	–	–	24 lbs. (11 kg.)	96" x 6" x 2.75" (2438 x 152 x 70 mm)	NEMA 5-15P
	208		8.3			208	2400	11.5			–
	240		7.2			240		10.0			
	200	1595	8.0			200	2219	11.1			–
	220	1725	7.8			220	2400	10.9			CEE 7-7 Schuko BS-1363
	220-230	1725-1886	7.8-8.2			220-230	2400-2623	10.9-11.4			
	230-240	1584-1725	6.9-7.2			230-240	2204-2400	9.6-10.0			
	240	1725	7.2			240	2400	10.0			

♠ Shipping weight includes packaging and does not include RMB.
‡ CE approved units for 220–230V utilize a 220V heating system; 230–240V CE units utilize a 240V heating system.
✓ Infinite not available in 120V.
♣ GRH-72 requires NEMA 5-20P cord for Canada.

TOGGLE SWITCH
Toggle Switch: Max. 15 amps.
Location: Chef's left side.

INFINITE SWITCH
Max. 12.2 amps.

LEADS
3' (915 mm) conduit with leads (on server's right).

PLUG CONFIGURATIONS
Please refer to electrical specifications shown in charts.

CONDUIT
914 mm (3') conduit standard on 120V and 208V models only.

REMOTE CONTROL ENCLOSURES
Must order one RMB control box per Strip Heater – if RMB2 is used, multiple warmers can be controlled from one box.
Click here to go to the Choose Remote Box Configurator (RMB Picker)
or follow this file path: www.hatcocorp.com > Resources > Choose Remote Box

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

MINIMUM RECOMMENDED MOUNTING HEIGHTS
(Refer to the Installation section of the Manual on the Hatco website)
Standard Watt: 8"-11" (203-279 mm). **High Watt:** 11"-14" (279-356 mm).

Combustibles
Below overshelf: 1" (25 mm) clearance.
Unit to surface below:
High watt – 13.5" (343 mm).
Standard watt – 10" (254 mm).
Back to wall: 3" (76 mm).

Non-Combustibles
Hardwired with Built-In Switches:
Must be installed in a pass through area.
Below overshelf: 1" (25 mm) clearance.
Unit to surface below:
High watt with infinite control or indicator light – 10" (254 mm).
High watt with On/Off toggle switch – 8" (203 mm).
Hardwired Units with Remote Switches:
May be installed against a non-combustible back wall, flush to an overshelf.
Unit to surface below: 8" (203 mm).
Setback from the front of an overshelf: Maximum 10" (254 mm).
Corded Units with Built-In Switches:
Must be installed in a pass through area.
Below overshelf: 3" (76 mm) clearance.
Unit to surface below:
High watt – 11" (279 mm).
Standard watt – 10" (254 mm).

PRODUCT SPECS
Glo-Ray® Infrared Stainless Steel Strip Heaters
The Infrared Stainless Steel Strip Heater shall be a Glo-Ray® model, manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The Strip Heater 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 a stainless steel housing and include as standard equipment four stainless steel shelf mounting tabs 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 Strip Heater 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, angle brackets, suspension chain and fittings, cord and plug set, indicator light, and infinite control – remote or built-in. All Designer Colors are anti-micobial paint.

Warranty consists of 24/7 parts and service assistance (U.S. and Canada only).