

# Hairen Solutions

Cafeterias • Buffets Supermarkets & Delis • Restaurants & Cafés



CSSBF-48-S in optional Bermuda Sand built into a Bermuda Sand Simulated Stone countertop pg. 2



GRSSB-3618 in standard Night Sky Simulated



HBGB-3618 shown below a GR2AHL-42 with Designer non-adjustable stands and optional sneeze guards built into a Simulated Stone countertop pg. 8



**GRSB-30-I** Glo-Ray® Built-In Heated Shelf with Recessed Top and accessory food pans shown below a **GRAHL-36** with adjustable tubular stands and optional sneeze guards pg. 9



**GRSB-54-I** with Recessed Top and accessory food pans shown below a GRAL-96D with optional sneeze quard pg. 9



**GRSBF-60-0** Glo-Ray® Built-In Heated Shelf with Flush Top, built into a Bermuda Sand Simulated Stone countertop with accessory food pans shown below a **GR2AL-96D** in *Designer* Black with optional sneeze guards pg. 10

# Cold Simulated Stone Shelves Built-In

Hatco's new Cold Simulated Stone Shelves are a must for buffet lines in cafeterias, restaurants and much more! These sturdy, foodsafe shelves are available in three attractive Simulated Stone colors.

- Thermal break reduces condensation and temperature transfer (patent pending)
- CSSB Cold Simulated Stone Built-In Shelves match the GRSSB Heated Simulated Stone Built-In Shelves for a fully integrated look
- Control box can be mounted on the front of the cabinet, 4' from center of shelf
- Condensing unit may be mounted up to 4' away from the center of shelf
- Models shipped with Electronic Temperature Control and condensing unit
- Shelf construction utilizes R-404A refrigerant keeping food product cold
- Easy serviceability with a sight glass, service valves, dryer/filter and a receiver.
   Long, flexible refrigerant line (ability to pullout condensing unit) for service
- Models with Simulated Stone are Swanstone®



COLD SIMULATED STONE SHELVES BUILT-IN					
Model	<b>Dimensions</b> W x D	<b>Voltage</b> Single Phase	Watts	Approx. Ship Weight	
CSSB-2418	24" x 18"	120	804	130 lb.	
CSSB-3018	30" x 18"	120	804	145 lb.	
CSSB-3618	36" x 18"	120	804	160 lb.	
CSSB-4818	48" x 18"	120	1044	185 lb.	

All Cold Simulated Stone Shelf Built-In Models Feature:

Electronic Temperature Control and condensing unit.

COLD SIMULATED STONE SHELVES BUILT-IN FLUSH TOP				
Model	<b>Dimensions</b> W x D	<b>Voltage</b> Single Phase	Watts	Approx. Ship Weight
CSSBF-24-F	24" x 15½"	120	804	115 lb.
CSSBF-24-I	24" x 19½"	120	804	122 lb.
CSSBF-24-S	24" x 24"	120	804	130 lb.
CSSBF-36-F	36" x 15½"	120	804	138 lb.
CSSBF-36-I	36" x 19½"	120	1044	146 lb.
CSSBF-36-S	36" x 24"	120	1044	158 lb.
CSSBF-48-F	48" x 15½"	120	1044	170 lb.
CSSBF-48-I	48" x 19½"	120	1044	182 lb.
CSSBF-48-S	48" x 24"	120	1380	195 lb.

**All Cold Simulated Stone Shelf Built-In Flush Top Models Feature:** Electronic Temperature Control, condensing unit, 6' cord and plug (NEMA 5-15P).

## **OPTIONS AND ACCESSORIES - PAGE 4**

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Cold S B X -	XXX
Simulated Stone Shelf	Depth of Shelf
Built-In	F=15½", I=19½", O=24"
F=Flush	Width of Shelf (inches)
No Character=Not Flush	- Width of Orien (inolies)

## COUNTERTOP CUTOUT DIMENSIONS

Model	<b>Width</b> with <sup>3</sup> /8" radii	<b>Depth</b> with 3/8" radii
CSSB-2418	243/8"	18¾"
CSSB-3018	303/8"	183/8"
CSSB-3618	363/8"	183/8"
CSSB-4818	483/8"	18¾"
CSSBF-24-F	243/8"	15 <sup>7</sup> / <sub>8</sub> "
CSSBF-24-I	243/8"	197/8"
CSSBF-24-S	243/8"	243/4"
CSSBF-36-F	363/8"	15 <sup>7</sup> / <sub>8</sub> "
CSSBF-36-I	363/8"	19 <sup>7</sup> / <sub>8</sub> "
CSSBF-36-S	363/8"	243/4"
CSSBF-48-F	483/8"	15 <sup>7</sup> / <sub>8</sub> "
CSSBF-48-I	483/8"	19 <sup>7</sup> / <sub>8</sub> "
CSSBF-48-S	483/8"	243/4"
Model	Width	Height
Control Box	9½"	7 3/4"



# Hot/Cold Shelves Built-In

Give your operation ultimate flexibility with Hatco's innovative Hot/Cold Shelves Built-In (patent pending). Available in our signature Aluminum Hardcoat or in Simulated Stone, they easily transition between a heated to cold and cold to heated shelf!

- Thermal break reduces condensation and temperature transfer (patent pending)
- Shelves change modes from hot to cold or vice versa in as little as 30 minutes, allowing quick change for different day parts
- Hardcoat aluminum models (HCSBF) are top mount while Simulated Stone models (HCSSB, HCSSBF) are bottom mount, flush with counter top
- Control box and the condensing unit may be mounted on the front of the cabinet,
   4' from center of shelf

- The flush mount control comes standard with a 4' lead wire
- For an integrated look:
  - HCSBF Hot/Cold Shelves match the GRSBF Heated Built-In Shelves
- HCSSB Hot/Cold Shelves match the GRSSB Heated Built-In Shelves
- HCSSBF Hot/Cold Shelves match the GRSSBF Heated Built-In Shelves
- Models with Simulated Stone are Swanstone®

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## HOT/COLD SIMULATED STONE SHELVES BUILT-IN

				_
Model	<b>Dimensions</b> W x D	<b>Voltage</b> Single Phase	Watts	Approx. Ship Weight
HCSSB-2418	24" x 18"	120	804	130 lb.
HCSSB-3018	30" x 18"	120	804	145 lb.
HCSSB-3618	36" x 18"	120	804	160 lb.
HCSSB-4818	48" x 18"	120	1044	185 lb.

All Hot/Cold Simulated Stone Shelf Built-In Models Feature:

Electronic Temperature Control and condensing unit.

## HOT/COLD SIMULATED STONE SHELVES BUILT-IN FLUSH TOP

Model	<b>Dimensions</b> W x D	<b>Voltage</b> Single Phase	Watts	Approx. Ship Weight
HCSSBF-24-F	24" x 15½"	120	804	139 lbs.
HCSSBF-24-I	24" x 19½"	120	804	146 lbs.
HCSSBF-24-S	24" x 24"	120	804	153 lbs.
HCSSBF-36-F	36" x 15½"	120	804	160 lbs.
HCSSBF-36-I	36" x 19½"	120	1044	167 lbs.
HCSSBF-36-S	36" x 24"	120	1044	180 lbs.
HCSSBF-48-F	48" x 15½"	120	1044	196 lbs.
HCSSBF-48-I	48" x 19½"	120	1044	203 lbs.
HCSSBF-48-S	48" x 24"	120	1380	220 lbs.

**All Hot/Cold Simulated Stone Shelf Built-In Flush Top Models Feature:** Electronic Temperature Control, condensing unit, 6' cord and plug (NEMA 5-15P).

## **OPTIONS AND ACCESSORIES – PAGE 4**

Hot/Cold HCSSBX-XXX					
Simulated Stone Shelf Built-In	Depth of Shelf F=15½", I=19½", O=24"				
F=Flush No Character=Not Flush					

Model	<b>Width</b> with <sup>3</sup> / <sub>8</sub> " radii	<b>Depth</b> with <sup>3</sup> / <sub>8</sub> " radii
HCSSB-2418	243/8"	18¾"
HCSSB-3018	303/8"	18¾"
HCSSB-3618	363/8"	18¾"
HCSSB-4818	483/8"	18¾"
HCSSBF-24-F	243/8"	157/8"
HCSSBF-24-I	243/8"	197/8"
HCSSBF-24-S	243/8"	243/8"
HCSSBF-36-F	363/8"	157/8"
HCSSBF-36-I	363/8"	197/8"
HCSSBF-36-S	363/8"	243/8"
HCSSBF-48-F	483/8"	15 <sup>7</sup> /8"
HCSSBF-48-I	483/8"	197/8"
HCSSBF-48-S	483/8"	243/8"
Control Box	14 <sup>5</sup> / <sub>8</sub> "	73/4"



# Hot/Cold Shelves Built-In continued

- Models shipped with Electronic Temperature Control and condensing unit
- The shelf construction utilizes R-404A refrigerant keeping food product cold
- Easy serviceability with a sight glass, service valves, dryer/filter and a receiver
- Long, flexible refrigerant line (ability to pullout condensing unit) for service



## HOT/COLD SHELVES BUILT-IN FLUSH TOP (Aluminum Hardcoat)

Model	<b>Dimensions</b> W x D	<b>Voltage</b> Single Phase	Watts	Approx. Ship Weight
HCSBF-24-F	24" x 15½"	120	804	119 lbs.
HCSBF-24-I	24" x 19½"	120	804	126 lbs.
HCSBF-24-S	24" x 24"	120	804	133 lbs.
HCSBF-36-F	36" x 15½"	120	804	140 lbs.
HCSBF-36-I	36" x 19½"	120	1044	148 lbs.
HCSBF-36-S	36" x 24"	120	1044	160 lbs.
HCSBF-48-F	48" x 15½"	120	1044	172 lbs.
HCSBF-48-I	48" x 19½"	120	1044	185 lbs.
HCSBF-48-S	48" x 24"	120	1380	204 lbs.

## All Hot/Cold Shelf Built-In Flush Top Models Feature:

Electronic Temperature Control and condensing unit, 6' cord and plug (NEMA 5-15P).

	c Colors (CSSBF, CSSB, HCSSBF, HCSSB Models only) – Diors are non-returnable – Night Sky Standard –
SS-GGRAN	Gray Granite
SS-BSAND	Bermuda Sand
SS-NSKY	Night Sky
EWC	Additional four year extended parts only warranty on the Compressor available at the time of unit purchase
<b>ACCESSOR</b>	IES (available for purchase at any time)
	licone Gasket (CSSBF, CSSB, HCSSBF, HCSSB Models only)
SILGASK	Gasket only - 18"
SILGASK-SBK	Gasket with Black Silicone Caulk
SILGASK-SGRY	Gasket with Gray Silicone Caulk

## **COUNTERTOP CUTOUT DIMENSIONS**

	Width		Depth	
Model	Minimum	Maximum	Minimum	Maximum
HCSBF-24-F	245/8"	25"	16"	16½"
HCSBF-24-I	245/8"	25"	20"	20½"
HCSBF-24-S	245/8"	25"	245/8"	25"
HCSBF-36-F	365/8"	37"	16"	16½"
HCSBF-36-I	365/8"	37"	20"	201/2"
HCSBF-36-S	365/8"	37"	245/8"	25"
HCSBF-48-F	485/8"	49"	16"	16½"
HCSBF-48-I	485/8"	49"	20"	201/2"
HCSBF48-S	485/8"	49"	245/8"	25"
<b>Control Box</b>	145	5/8"	73	/4"





## **Cold Shelves Built-In** Flush Top

Hatco's Cold Built-In Flush Top Shelves are designed to keep your pre-chilled beverages, hors d'oeuvres, side dishes, buffet items and more in the perfect chill zone.

- Thermal break reduces condensation and Easy serviceability with a sight glass, temperature transfer (patent pending)
- The CSBF Cold Built-In Shelves match the GRSBF Heated Built-In Shelves for a fully integrated look
- Long, flexible refrigerant line offers the ability to pullout condensing unit for service
- service valves, dryer/filter and a receiver
- Top mounted hard coat aluminum surface Control comes standard with a 4' lead wire
  - Control box can be mounted on the front of the cabinet, 4' from center of shelf
  - Condensing unit may be mounted up to 4' away from the center of shelf
  - Shelf construction utilizes R-404A refrigerant keeping food product cold



## **COLD SHELVES BUILT-IN FLUSH TOP (Aluminum Hardcoat)**

Model	<b>Dimensions</b> W x D	<b>Voltage</b> Single Phase	Watts	Approx. Ship Weight
CSBF-24-F	24" x 15½"	120	804	108 lbs.
CSBF-24-I	24" x 19½"	120	804	115 lbs.
CSBF-24-S	24" x 24"	120	804	122 lbs.
CSBF-36-F	36" x 15½"	120	804	130 lbs.
CSBF-36-I	36" x 19½"	120	1044	140 lbs.
CSBF-36-S	36" x 24"	120	1044	147 lbs.
CSBF-48-F	48" x 15½"	120	1044	154 lbs.
CSBF-48-I	48" x 19½"	120	1044	161 lbs.
CSBF-48-S	48" x 24"	120	1380	176 lbs.

## All Cold Shelf Built-In Flush Top Models Feature:

Electronic Temperature Control and condensing unit, 6' cord and plug (NEMA 5-15P).

## **OPTIONS** (available at time of purchase only)

EWC Additional four year extended parts only warranty on the Compressor available at the time of unit purchase

## **COUNTERTOP CUTOUT DIMENSIONS**

	Width		Depth		
Model	Min	Max	Min	Max	
CSBF-24-F	243/4"	25"	16"	16½"	
CSBF-24-I	243/4"	25"	20"	20½"	
CSBF-24-S	243/4"	25"	243/4"	25"	
CSBF-36-F	363/4"	37"	16"	16½"	
CSBF-36-I	363/4"	37"	20"	20½"	
CSBF-36-S	363/4"	37"	243/4"	25"	
CSBF-48-F	483/4"	49"	16"	16½"	
CSBF-48-I	483/4"	49"	20"	20½"	
CSBF-48-S	483/4"	49"	243/4"	25"	
Model	Width		Hei	ight	
<b>Control Box</b>	9½"		7 3/4"		





# **Cold Shelves Undermount**

Cold Shelves Undermount offer the same great performance as the Cold Built-In Flush Top Shelves, but are mounted directly against the underside of a granite, quartz, stainless steel or appropriate simulated stone counter top (no cut out required). Cooling transfers through the countertop to the top surface, without puncturing, for a true, seamless look.

- Mounts under appropriate countertop material (e.g. mount under a granite counter top 1 %6" thick or less.)
- Aluminum surface
- Long, flexible refrigerant line offers the ability to pullout condensing unit for service
- Easy serviceability with a sight glass, service valves, dryer/filter and a receiver
- Control box can be mounted on the front of the cabinet, 4' from center of shelf
- Condensing unit may be mounted up to 4' away from the center of shelf
- Shelf construction utilizes R-404A refrigerant keeping food product cold



## **COLD SHELVES UNDERMOUNT (Aluminum)**

Model	<b>Dimensions</b> W x D	<b>Voltage</b> Single Phase	Watts	Approx. Ship Weight
CSU-24-F	24" x 15½"	120	804	108 lbs.
CSU-24-I	24" x 19½"	120	804	115 lbs.
CSU-24-S	24" x 24"	120	804	122 lbs.
CSU-36-F	36" x 15½"	120	804	130 lbs.
CSU-36-I	36" x 19½"	120	1044	140 lbs.
CSU-36-S	36" x 24"	120	1044	147 lbs.
CSU-48-F	48" x 15½"	120	1044	154 lbs.
CSU-48-I	48" x 19½"	120	1044	161 lbs.
CSU-48-S	48" x 24"	120	1380	176 lbs.

## All Cold Shelf Undermount Models Feature:

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Electronic Temperature Control and condensing unit.

\*Make structural modifications or add bracing underneath the countertop to ensure countertop will support the weight of the unit and its contents.

## **OPTIONS** (available at time of purchase only)

**EWC** Additional four year extended parts only warranty on the Compressor available at the time of unit purchase





## Glo-Ray® Built-In Rectangular Heated Simulated Stone Shelves

Match the heat zone to your countertops with Hatco's Glo-Ray® Heated Simulated Stone Shelves. The built-in foodsafe shelves are ideal for buffet lines or as hors d'oeuvre displays. These unique warmers will safely hold food hot while blending in with your décor.

- Shelves are made of approved foodsafe materials
- Shelves come in 3 Simulated Stone colors: Gray Granite, Bermuda Sand and Night Sky (standard) – non-standard colors are non-returnable
- Models with Simulated Stone are Swanstone®
- Features a lighted rocker switch and thermostatically-controlled heated base
- Includes control box with 3' conduit and 6' cord and plug



GRSSB-3618 Built-In Heated Simulated Stone Shelf built into a Bermuda Sand Simulated Stone countertop

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Standard control box

**NOTE:** For any size GRSSB, the next larger size GRA or GR2A Strip Heater will fit over the top. For example, a GRSSB-3018 will require a GRA-36 or GR2A-36. The GRA will have a tight fit to the frame of the base. The GR2A will have approx. a 4" space.

## BUILT-IN RECTANGULAR HEATED SIMULATED STONE SHELVES

	Dimensions	Voltage			
Model^	WxDxH	Single Phase	Watts	Plug	Ship Weight
GRSSB-2418	25%" x 19%" x 21/4"	120	635	NEMA 5-15P	30 lbs.
GRSSB-3018	31%" x 19%" x 21/4"	120	780	NEMA 5-15P	35 lbs.
GRSSB-3618	37%" x 19%" x 21/4"	120	930	NEMA 5-15P	40 lbs.
GRSSB-4818	49 <sup>5</sup> / <sub>8</sub> " x 19 <sup>5</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>4</sub> "	120	1270	NEMA 5-15P	51 lbs.
GRSSB-6018	61%" x 19%" x 21/4"	120	1560	NEMA 5-20P	56 lbs.
GRSSB-7218	735/8" x 195/8" x 21/4"	120	1860	NEMA 5-20P	70 lbs.

<sup>^</sup>Recommended for use in a metallic countertop. For other surfaces, verify that the material is suitable for temperatures up to 200°F.

## All Built-In Rectangular Heated Simulated Stone Shelf Models Feature:

Cord Location: End of remote enclosure.

## **OPTIONS** (available at time of purchase only)

#### Designer Colors (Flush Mount Control Box Bezel) - Non-standard colors are non-returnable -RED Warm Red BLACK Black Gray Granite GRAY WHITE White Granite NAVY Navy Blue **GREEN** Hunter Green **COPPER** Antique Copper Simulated Stone Colors - Non-standard colors are non-returnable - Night Sky Standard -SS-GGRAN Gray Granite SS-BSAND Bermuda Sand SS-NSKY Night Sky GRSSB-FLUSH-ITC Flush Mount Electronic Control Box with Lighted Power Switch **GRSSB-FLUSH-TSTAT** Flush Mount Thermostatic Control Box with Lighted Power Switch COND-6 6' Conduit in lieu of standard 3' (used with Flush Mount ITC Control Box) COND-10 10' Conduit in lieu of standard 3' (used with Flush Mount ITC Control Box) **GRSSB-REC** Built-In Heated Simulated Stone Shelf with Recessed Top

Optional GRSSB-FLUSH-ITC flush mount recessed electronic control box with lighted On/Off rocker switch and angled recessed controls





Optional GRSSB-FLUSH-TSTAT flush mount recessed thermostatic control box with lighted On/Off rocker switch and angled recessed controls

**COLORS AND FINISHES – PAGE 11** 

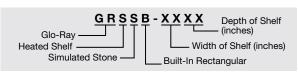
## BUILT-IN RECTANGULAR HEATED SIMULATED STONE COUNTERTOP CUTOUT DIMENSIONS

Model	Minimum Width	Maximum Width	Minimum Depth	Maximum Depth
GRSSB-2418	24%"	247/8"	185/8"	187/8"
GRSSB-3018	30%"	30%"	185/8"	187/8"
GRSSB-3618	36%"	367/8"	18%"	187/8"
GRSSB-4818	48%"	487/8"	185/8"	187/8"
GRSSB-6018	60%"	607/8"	185/8"	187/8"
GRSSB-7218	72%"	727/8"	185/8"	18¾"

## OPTIONAL CONTROL BOX CUTOUT DIMENSIONS

Model	Width	Height	Depth	
GRSSB-FLUSH-ITC	57/8"	6%"	43/4"	
GRSSB-FLUSH-TSTAT	57/8"	6%"	4"	

ALL GLO-RAY® BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.



## **Built-In Rectangular Heated Black Glass Shelves**

Hatco Heated Black Glass Shelves have a heated ceramic glass top to create uniform heat across the entire surface and are made of approved foodsafe materials. Adjustable thermostatic controls allow surface temperature to be controlled easily.

- Shelves are made of approved foodsafe materials
- Equipped with an attached stainless steel (standard) trim mounting ring (Designer Black available)
- Includes control box with 3' conduit and 6' cord and plug
- Lighted On/Off rocker switch



Standard control box



HBGB-2418 with optional Designer Black Trim Ring

**NOTE:** For any size HBGB, the next larger size GRA or GR2A Strip Heater will fit over the top. For example, a HBGB-3018 will require a GRA-36 or GR2A-36. The GRA will have a tight fit to the frame of the base. The GR2A will have approximately a 4" space.

## BUILT-IN RECTANGULAR HEATED BLACK GLASS SHELVES

Model^	<b>Dimensions</b> W x D x H	<b>Voltage</b> Single Phase	Watts	Plug	Ship Weight
HBGB-2418	25¾" x 19¾" x 2¼"	120	425	NEMA 5-15P	32 lbs.
HBGB-3018	31¾" x 19¾" x 2¼"	120	525	NEMA 5-15P	37 lbs.
HBGB-3618	37¾" x 19¾" x 2¼"	120	630	NEMA 5-15P	40 lbs.
HBGB-4818+	49¾" x 19¾" x 2¼"	120	850	NEMA 5-15P	50 lbs.
HBGB-6018 <sup>+</sup>	61¾" x 19¾" x 2¼"	120	1050	NEMA 5-15P	63 lbs.
HBGB-7218+	73¾" x 19¾" x 2¼"	120	1260	NEMA 5-15P	74 lbs.

<sup>^</sup>Recommended for use in a metallic countertop. For other surfaces, verify that the material is suitable for temperatures up to 200°F.

## All Built-In Rectangular Heated Black Glass Shelf Models Feature:

Cord Location: End of remote enclosure.

## **OPTIONS** (available at time of purchase only)

## Designer Colors (Flush Mount Control Box Bezel) -

BLACK	Black
HBGB-TRIM-BLK	Designer Black Powdercoated Trim Ring
HBGB-FLUSH-ITC	Flush Mount Electronic Control Box with Lighted Power Switch (120V only)
HBGB-FLUSH-TSTAT	Flush Mount Thermostatic Control Box with Lighted Power Switch
COND-6	6' Conduit in lieu of standard 3' (used with Flush Mount ITC Control Box)
COND-10	10' Conduit in lieu of standard 3' (used with Flush Mount ITC Control Box)
HBGB-REC	Built-In Heated Black Glass Shelf with Recessed Top

Optional HBGB-FLUSH-ITC flush mount recessed electronic control box with lighted On/Off rocker switch



and angled recessed controls

Optional HBGB-FLUSHthermostatic control box with



## **BUILT-IN HEATED BLACK GLASS COUNTERTOP CUTOUT DIMENSIONS**

Model	Minimum Width	Maximum Width	Minimum Depth	Maximum Depth
HBGB-2418	245/8"	247/8"	18%"	187/8"
HBGB-3018	305/8"	307/8"	18%"	187//8"
HBGB-3618	365/8"	367/8"	18%"	187/8"
HBGB-4818	485/8"	487/8"	18%"	187/8"
HBGB-6018	605/8"	60%"	18%"	187//8"
HBGB-7218	725/8"	721/8"	18%"	187//8"

## OPTIONAL CONTROL BOX CUTOUT DIMENSIONS

Model	Width	Height	Depth	
HBGB-FLUSH-ITC	5%"	6%"	47/8"	
HBGB-FLUSH-TSTAT	57/8"	63/8"	4"	



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ALL GLO-RAY® BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.

<sup>+</sup> Units 48" and larger are constructed of two equal sized pieces of glass which create a seam.

## Glo-Ray<sup>®</sup> Built-In Rectangular Heated Shelves with Recessed Top

Let Hatco add heat to your serving surface with the Glo-Ray® Rectangular Built-In Heated Shelf. This ½" recessed top foodwarmer has a hardcoated aluminum surface and blanket-type element for uniform heat to extend your food holding time.

- Uniform heat distribution with hardcoated aluminum surface and blanket-type element
- 3' flexible conduit channels power lines from the shelf to a control box
- Enclosure includes control thermostat, an illuminated power switch and mounting brackets
- Thermostatically-controlled heated base



Standard control box



**NOTE:** For any size GRSB, the next larger size GRA or GR2A Strip Heater will fit over the top. For example, a GRSB-30 will require a GRA-36 or GR2A-36. The GRA will have a tight fit to the frame of the base. The GR2A will have approximately a 4" space.

	Dimensions	Cut-Out D	imensions	Voltage		
lodel^	WxDxH	MinMax. Width	MinMax. Depth	Single Phase	Watts	Ship Weight
RSB-24-F	25½" x 17" x 2½"	241/2"-243/4"	16"-16 <sup>1</sup> / <sub>4</sub> "	120	420	20 lbs.
RSB-24-I	25½" x 21" x 2¾"	241/2"-243/4"	20"-201/4"	120	550	22 lbs.
RSB-24-0	25½" x 31½" x 2¾"	241/2"-243/4"	301/2"-303/4"	120	790	26 lbs.
RSB-30-F	31½" x 17" x 2¾"	301/2"-303/4"	16"-16 <sup>1</sup> / <sub>4</sub> "	120	505	23 lbs.
RSB-30-I	31½" x 21" x 2¾"	301/2"-303/4"	20"-201/4"	120	665	25 lbs.
RSB-30-0	31½" x 31½" x 2¾"	301/2"-303/4"	301/2"-303/4"	120	950	28 lbs.
RSB-36-F	37½" x 17" x 2¾"	361/2"-363/4"	16"-16 <sup>1</sup> / <sub>4</sub> "	120	590	26 lbs.
RSB-36-I	37½" x 21" x 2¾"	361/2"-363/4"	20"-201/4"	120	780	29 lbs.
RSB-36-0	37½" x 31½" x 2¾"	361/2"-363/4"	301/2"-303/4"	120	1110	32 lbs.
RSB-42-F	43½" x 17" x 2¾"	421/2"-423/4"	16"-16½"	120	685	29 lbs.
RSB-42-I	43½" x 21" x 2¾"	421/2"-423/4"	20"-201/4"	120	885	32 lbs.
RSB-42-0	43½" x 31½" x 2¾"	421/2"-423/4"	301/2"-303/4"	120	1270	35 lbs.
RSB-48-F	49½" x 17" x 2½"	481/2"-483/4"	16"-16 <sup>1</sup> / <sub>4</sub> "	120	770	33 lbs.
RSB-48-I	49½" x 21" x 2 <sup>7</sup> / <sub>8</sub> "	481/2"-483/4"	20"-201/4"	120	1000	36 lbs.
RSB-48-0	49½" x 31½" x 2¾"	481/2"-483/4"	301/2"-303/4"	120	1430	39 lbs.
RSB-54-I	55½" x 21" x 2¾"	54½"-54¾"	20"-201/4"	120	1110	43 lbs.
RSB-60-F	61½" x 17" x 2¾"	601/2"-603/4"	16"-16½"	120	950	45 lbs.
RSB-60-I	61½" x 21" x 2¾"	601/2"-603/4"	20"-201/4"	120	1220	50 lbs.
RSB-60-0	61½" x 31½" x 2¾"	601/2"-603/4"	301/2"-303/4"	120	1750	54 lbs.
RSB-66-I	67½" x 21" x 2¾"	661/2"-663/4"	20"-201/4"	120	1330	54 lbs.
RSB-72-F	73½" x 17" x 2¾"	721/2"-723/4"	16"-16½"	120	1130	52 lbs.
RSB-72-I	73½" x 21" x 2¾"	721/2"-723/4"	20"-201/4"	120	1440	58 lbs.
RSB-72-0	73½" x 31½" x 2¾"	721/2"-723/4"	301/2"-303/4"	208, 240	2070	64 lbs.

<sup>^</sup>Recommended for use in a metallic countertop. For other surfaces, verify that the material is suitable for temperatures up to 200°F.

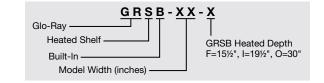
### All Built-In Rectangular Heated Shelf with Recessed Top Models Feature:

Plugs: All models ending in -F and -I and models 24" through 48" wide ending in -O: NEMA 5-15P.

**GRSB-60-0:** NEMA 5-20P. **GRSB-72-0:** NEMA 6-15P.

Usable Heated Shelf Space: Width of unit minus 1½" x depth of unit minus 1½". Cord Location: End of remote enclosure.

ALL GLO-RAY® BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.



## **OPTIONS** (available at time of purchase only)

Designer Colors (Flush	Mount (	Control Box B	ezel only	y) – Non-stand	ard colors	are non-returnable –
	RED	Warm Red	WHITE	White Granite	COPPER	Antique Copper
	BLACK	Black	NAVY	Navy Blue		
	GRAY	Gray Granite	GREEN	Hunter Green		
GRSB-FLUSH-ITC	Flush M	ount Electronic	: Control I	Box with Lighted	Power Swi	itch*
GRSB-FLUSH-TSTAT	Flush M	ount Thermost	atic Contr	ol Box with Light	ted Power	Switch*
COND-6	6' Cond	uit in lieu of sta	andard 3'	(used with Flush	n Mount IT	C Control Box)
COND-10	10' con	duit in lieu of st	tandard 3	' (used with Flus	h Mount IT	C Control Box)

<sup>\*</sup> See page 7 for Control Box cutout dimensions.

FOOD PANS AND TRIVETS - PAGE 11 COLORS AND FINISHES - PAGE 11 Optional GRSB-FLUSH-ITC flush mount recessed electronic control box with lighted On/Off rocker switch and angled recessed controls



Optional **GRSB-FLUSH- TSTAT** flush mount recessed *thermostatic* control box with lighted On/Off rocker switch and angled recessed controls



## Glo-Ray® Built-In **Rectangular Heated Shelves with Flush Top**

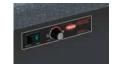
Let Hatco add heat to your serving surface with the Glo-Ray® Built-In Rectangular Heated Shelf. This flush top foodwarmer has a hardcoated aluminum surface and blanket-type element for uniform heat to extend your food holding time.

- Uniform heat distribution with hardcoated aluminum surface and blanket-type element
- 3' flexible conduit channels power lines from the shelf to a control box
- Thermostatically-controlled heated base
- Enclosure includes control thermostat, an illuminated power switch and mounting brackets
- Model widths from 25½" to 73½"
- Optional stainless steel surface



GRSBF-60-0 Glo-Ray® Built In Heated Shelf with Flush Top, built into a Bermuda Sand Simulated Stone countertop with accessory pans shown below a GR2AL-96D

in Designer Black with optional sneeze guards



Standard control box

**NOTE:** For any size GRSBF, the next larger size GRA or GR2A Strip Heater will fit over the top. For example, a GRSBF-30 will require a GRA-36 or GR2A-36. The GRA will have a tight fit to the frame of the base. The GR2A will have approx. a 4" space.

BUILT-IN RECTANGULAR HEATED SHELVES WITH FLUSH TOP								
Model^	<b>Dimensions</b> W x D x H	<b>Cut-Out D</b> MinMax. Width	Dimensions MinMax. Depth	<b>Voltage</b> Single Phase	Watts	Ship Weight		
GRSBF-24-F	25½" x 17" x 2½"	241/2"-243/4"	16"-161/4"	120	420	20 lbs.		
GRSBF-24-I	25½" x 21" x 2¼"	241/2"-243/4"	20"-201/4"	120	550	22 lbs.		
GRSBF-24-S	25½" x 25½" x 2½"	241/2"-243/4"	241/2"-243/4"	120	700	24 lbs.		
GRSBF-24-0	25½" x 31½" x 2½"	241/2"-243/4"	301/2"-303/4"	120	790	26 lbs.		
GRSBF-30-F	31½" x 17" x 2½"	301/2"-303/4"	16"-161/4"	120	505	23 lbs.		
GRSBF-30-I	31½" x 21" x 2¼"	301/2"-303/4"	20"-201/4"	120	665	25 lbs.		
GRSBF-30-S	31½" x 25½" x 2½"	301/2"-303/4"	241/2"-243/4"	120	825	26 lbs.		
GRSBF-30-0	31½" x 31½" x 2¼"	301/2"-303/4"	301/2"-303/4"	120	950	28 lbs.		
GRSBF-36-F	37½" x 17" x 2¼"	361/2"-363/4"	16"-161/4"	120	590	26 lbs.		
GRSBF-36-I	37½" x 21" x 2¼"	361/2"-363/4"	20"-201/4"	120	780	28 lbs.		
GRSBF-36-S	37½" x 25½" x 2¼"	361/2"-363/4"	241/2"-243/4"	120	950	31 lbs.		
GRSBF-36-0	37½" x 31½" x 2¼"	361/2"-363/4"	301/2"-303/4"	120	1110	32 lbs.		
GRSBF-42-F	43½" x 17" x 2½"	421/2"-423/4"	16"-161/4"	120	685	29 lbs.		
GRSBF-42-I	43½" x 21" x 2¼"	421/2"-423/4"	20"-201/4"	120	885	32 lbs.		
GRSBF-42-S	43½" x 25½" x 2½"	421/2"-423/4"	241/2"-243/4"	120	1100	34 lbs.		
GRSBF-42-0	43½" x 31½" x 2½"	421/2"-423/4"	301/2"-303/4"	120	1270	35 lbs.		
GRSBF-48-F	49½" x 17" x 2¼"	481/2"-483/4"	16"-161/4"	120	770	33 lbs.		
GRSBF-48-I	49½" x 21" x 2¼"	481/2"-483/4"	20"-201/4"	120	1000	36 lbs.		
GRSBF-48-S	49½" x 25½" x 2¼"	481/2"-483/4"	241/2"-243/4"	120	1225	38 lbs.		
GRSBF-48-0	49½" x 31½" x 2¼"	481/2"-483/4"	301/2"-303/4"	120	1430	39 lbs.		
GRSBF-60-F	61½" x 17" x 2½"	601/2"-603/4"	16"-161/4"	120	950	45 lbs.		
GRSBF-60-I	61½" x 21" x 2¼"	601/2"-603/4"	20"-201/4"	120	1220	50 lbs.		
GRSBF-60-S	61½" x 25½" x 2¼"	601/2"-603/4"	241/2"-243/4"	120	1500	53 lbs.		
GRSBF-60-0	61½" x 31½" x 2¼"	601/2"-603/4"	301/2"-303/4"	120	1750	54 lbs.		
GRSBF-72-F	73½" x 17" x 2¼"	721/2"-723/4"	16"-161/4"	120	1130	52 lbs.		
GRSBF-72-I	73½" x 21" x 2¼"	721/2"-723/4"	20"-201/4"	120	1440	58 lbs.		
GRSBF-72-S	73½" x 25½" x 2¼"	721/2"-723/4"	241/2"-243/4"	120	1750	62 lbs.		
GRSBF-72-0	73½" x 31½" x 2¼"	721/2"-723/4"	301/2"-303/4"	208, 240	2070	64 lbs.		

<sup>^</sup>Recommended for use in a metallic countertop. For other surfaces, verify that the material is suitable for temperatures up to 200°F.

## All Built-In Rectangular Heated Shelves with Flush Top Models Feature:

Plugs: All models ending in -F and -I and models 24" through 48" wide ending in -S and -O: NEMA 5-15P. GRSBF-60-S, GRSBF-60-0 and GRSBF-72-S: NEMA 5-20P. GRSBF-72-0: NEMA 6-15P.

Usable Heated Shelf Space: Entire surface. Cord Location: End of remote enclosure.

> ALL GLO-RAY® BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.

#### GRSBF Glo-Ray . Heated Depth **Heated Shelf** F=17", I=21", S=25½", O=31½" Built-In Flat Top Model Width

## **OPTIONS** (available at time of purchase only)

Designer Colors (Flush Mount Control Box Bezel only) – Non-standard colors are non-returnable –						
	RED	Warm Red	WHITE	White Granite	COPPER	Antique Copper
	BLACK	Black	NAVY	Navy Blue		
	GRAY	Gray Granite	GREEN	Hunter Green		
GRSBF-SS	Stainles	s Steel Surface	e in lieu o	f Hardcoat (GRS	BF Models	only)
GRSB-FLUSH-ITC	Flush M	ount Electronic	Control	Box with Lighted	Power Sw	itch*
GRSB-FLUSH-TSTAT	Flush M	ount Thermost	atic Cont	rol Box with Ligh	ited Power	Switch*
COND-6	6' Conduit in lieu of standard 3' (used with Flush Mount ITC Control Box)					
COND-10	10' Con	duit in lieu of s	tandard 3	3' (used with Flu	sh Mount I	TC Control Box)

\* See page 7 for Control Box cutout dimensions.

**FOOD PANS AND TRIVETS - PAGE 11 COLORS AND FINISHES – PAGE 11** 

Optional GRSB-FLUSH-ITC flush mount recessed electronic control box with lighted On/Off rocker switch and angled recessed controls

> Optional GRSB-FLUSH-TSTAT flush mount recessed thermostatic control box with lighted On/Off rocker switch and angled recessed controls

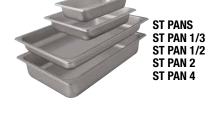


## **Food Pans And Trivets**

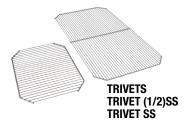




FOOD PANS	
Model	Description
ALUM PAN	Half-Size Sheet Pan – 18"W x 13"D
18"SHEET PAN	Full-Size Sheet Pan – 18"W x 26"D
14"PIZZA PAN	Perforated Pizza Pan – 14" Diameter
16"PIZZA PAN	Perforated Pizza Pan – 16" Diameter
18"PIZZA PAN	Perforated Pizza Pan – 18" Diameter
ST PAN 1/3	Third-Size Stainless Steel Pan – 123/4"W x 67/8"D x 21/2"H
ST PAN 1/2	Half-Size Stainless Steel Pan – 123/4"W x 103/6"D x 21/2"H
ST PAN 2	Full-Size Stainless Steel Pan – 123/4"W x 203/4"D x 21/2"H
ST PAN 4	Full-Size Stainless Steel Pan – 12¾"W x 20¾"D x 4"H







## **Paint Chip and Stone Sample Colors**

## **DESIGNER COLORS**













Warm Red

Black

Gray Granite

ıy Wh iite Grai

White Granite

Navy Blue

Hunter Green

Antique Copper

## **HEATED STONE COLORS\***







Gray Granite

Bermuda Sand

**Night Sky** 

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



Hatco Corporation

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May 2016