

H. D. SHELDON & COMPANY, INC.

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ADDENDUM TO HATCO EXPORT PRICE LIST

OCTOBER 1, 2008

Decorative Heat Lamps

Hatco's Decorative Heat Lamps, available in fashionable designs, hold food warm and enhance décor. The DLH series offer great flexibility with eight lamp shades, eight

different mounting arrangements, two switch options, and twelve colors to customize any foodservice operation.

HIGH WATT HEAT LAMPS IN DESIGNER COLORS, GLOSS AND POLISHED FINISHES* (BULB NOT INCLUDED)

Model	List Price*^		Model	List Price*^		Model	List Price*^		Model	List Price*^	
	Switch	Location		Switch	Location		Switch	Location		Switch	Location
	R	N		R	N		R	N		R	N
DLH-400-R	\$476.	\$452.	DLH-700-R	\$476.	\$452.	DLH-750-R	\$468.	\$445.	DLH-775-R	\$487.	\$464.
DLH-400-RT*	546.	523.	DLH-700-RT*	546.	523.	DLH-750-RT*	540.	517.	DLH-775-RT*	560.	537.
DLH-400-C	326.	302.	DLH-700-C	306.	282.	DLH-750-C	314.	290.	DLH-775-C	326.	302.
DLH-400-CT*	391.	368.	DLH-700-CT*	378.	355.	DLH-750-CT*	384.	361.	DLH-775-CT*	398.	375.
DLH-400-S	340.	317.	DLH-700-S	320.	297.	DLH-750-S	326.	302.	DLH-775-S	351.	328.
DLH-400-ST*	418.	395.	DLH-700-ST*	391.	368.	DLH-750-ST*	398.	375.	DLH-775-ST*	423.	400.
DLH-400-P	335.	311.	DLH-700-P	315.	291.	DLH-750-P	318.	295.	DLH-775-P	348.	324.
DLH-400-A	280.	257.	DLH-700-A	280.	257.	DLH-750-A	288.	265.	DLH-775-A	306.	282.
DLH-500-R	437.	414.	DLH-725-R	482.	459.	DLH-760-R	496.	471.	DLH-800-R	482.	459.
DLH-500-RT*	507.	484.	DLH-725-RT*	552.	528.	DLH-760-RT*	572.	548.	DLH-800-RT*	552.	528.
DLH-500-C	268.	245.	DLH-725-C	320.	297.	DLH-760-C	340.	317.	DLH-800-C	320.	297.
DLH-500-CT*	340.	317.	DLH-725-CT*	391.	368.	DLH-760-CT*	418.	395.	DLH-800-CT*	391.	368.
DLH-500-S	280.	257.	DLH-725-S	340.	317.	DLH-760-S	359.	336.	DLH-800-S	340.	317.
DLH-500-ST*	351.	328.	DLH-725-ST*	418.	395.	DLH-760-ST*	403.	380.	DLH-800-ST*	418.	395.
DLH-500-P	277.	254.	DLH-725-P	335.	311.	DLH-760-P	355.	331.	DLH-800-P	335.	311.
DLH-500-A	248.	225.	DLH-725-A	294.	270.	DLH-760-A	313.	289.	DLH-800-A	294.	270.

* Special process required, see OPTIONS for additional charge.

* Price includes overall length up to 762 mm (30") (CL, CU, SL, SU, PL, PU mounts only). (See OPTIONS for additional length cost.)

^ Bulb not included. See ACCESSORIES.

* Required Hatco Track Mount Bar. See ACCESSORIES.

All Heat Lamps Feature:

Voltage:120V, single phase only.

Ship Weight:3 to 5 kg (6 to 10 lbs.) depending on components.

OPTIONS (NOT FOR RETROFIT) –

No Additional Charge – Designer Colors

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

No Additional Charge – Gloss Finishes

SWHITE	Smooth White	GGOLD	Gleaming Gold	GGRAY	Glossy Gray
BBLACK	Bold Black				

Additional Charge* – Gloss Finishes, Metal Lamp Shade only (Must select Designer color or Gloss Finish from above for remainder of unit)

RRED*	Radiant Red	\$30.	BBLUE*	Brilliant Blue	\$30.
CL-COAT*	Clear Coated Brushed				\$30.

Additional Charge* – Polished Finishes (C Mount, CT Mount, R Mount, and RT Mount models only)

BBRASS1*	Bright Brass	\$60	BNICKEL1*	Bright Nickel	\$60	BCOPPER1*	Bright Copper	\$60.
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Additional Charge* – Polished Finishes (S Mount, ST Mount, P Mount, and A Mount models only)

BBRASS2*	Bright Brass	\$125	BNICKEL2*	Bright Nickel	\$125	BCOPPER2*	Bright Copper	\$125.
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DL-CORD-WHITE

DL-LENGTH

LUMINAIRE

ACCESSORIES –

DL-TRACK-4B

DL-TRACK-8B

DL-TRACK-12B

DL-TRACKBLK

DL-TRACKWHT

WHITE-UCTD-120H

WHITE-CTD-120H

RED-UCTD-120H

RED-CTD-120H

* Special process required, see above for additional charge.

† Tracks may be cut to fit any length by installer. Modification kits available above.

‡ Maximum five (5) 375 watt lamps per 20 amp Track Bar Circuit. Maximum 1920 watts or 16 amps per any length track. Installer is responsible for properly sizing the supply circuit and the lamp load.

NOTE: See our Decorative Lamp Configurator on the Hatco website, www.hatcocorp.com



Model DLH-775-RPR with optional polished finish

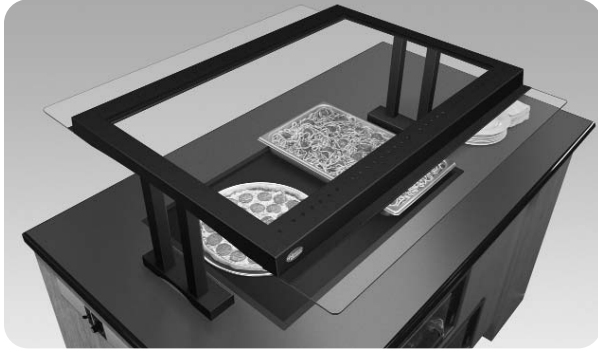
EX-WORKS
STURGEON BAY, WI 54235 U.S.A.



OCTOBER 1, 2008
TELEPHONE: (414) 671-6350
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The Glo-Ray Heated Glass Overshelf uses Hatco's patented heated glass technology to provide a transparent overhead heatsource. Available in standard and high watt, with and without

lights, in *Designer* colors. Ideal for use on buffet lines, allowing customers to quickly and easily view food choices.



GR3L-35 with optional *Designer* color and accessory sneeze guards over Built-in Heated Shelf **GRSB-30-I** with accessory pans

HEATED GLASS OVERSHELF

Model*	List Price	Width	Depth	Watts	Ship Weight
Standard Watt					
GR3-29	\$1806.	737 mm (29")	946 mm (37 1/4")	758	27 kg (59 lbs.)
GR3L-29	2330.	737 mm (29")	946 mm (37 1/4")	794	28 kg (61 lbs.)
GR3-35	2095.	889 mm (35")	946 mm (37 1/4")	941	32 kg (71 lbs.)
GR3L-35	2605.	889 mm (35")	946 mm (37 1/4")	977	33 kg (73 lbs.)
GR3-41	2384.	1041 mm (41")	946 mm (37 1/4")	1143	38 kg (83 lbs.)
GR3L-41	2894.	1041 mm (41")	946 mm (37 1/4")	1179	39 kg (85 lbs.)
High Watt					
GR3H-29	\$1924.	737 mm (29")	946 mm (37 1/4")	1263	27 kg (59 lbs.)
GR3HL-29	2448.	737 mm (29")	946 mm (37 1/4")	1299	28 kg (61 lbs.)
GR3H-35	2258.	889 mm (35")	946 mm (37 1/4")	1600	32 kg (71 lbs.)
GR3HL-35	2768.	889 mm (35")	946 mm (37 1/4")	1636	33 kg (73 lbs.)
GR3H-41	2587.	1041 mm (41")	946 mm (37 1/4")	1895	38 kg (83 lbs.)
GR3HL-41	3098.	1041 mm (41")	946 mm (37 1/4")	1931	39 kg (85 lbs.)

* "L" in model name indicates unit with lights (2 fluorescent bulbs).

All Models Feature:

Voltage:120, single phase only.
 Models Shipped with:RMB-14 with infinite switch, toggle switch, indicator light, and GFCI.
 Dimensions:737, 889, or 1041 W x 946 D (with sneeze guards) x 343 H mm (29", 35", or 41" x 37 1/4" x 13 1/2")
 Useable Heated Top Shelf Space:Width of unit minus 146 x 540 D mm (5 3/4" x 21 1/4")
 Included with Foodwarmer:RMB-14 with infinite switch, toggle switch, and GFCI.
 Leads:914 mm (36") flexible conduit through post.
ALL GLO-RAY HEATED GLASS SHELVES WARRANTED AGAINST BURNOUT FOR ONE YEAR.

HEATED GLASS OVERSHELF – HIGH WATT

Model	List Price	Width	Depth	Watts	Ship Weight
GR3RH-24	\$860.	610 mm (24")	381 mm (15")	500	9 kg (20 lbs.)
GR3RH-36	1007.	914 mm (36")	381 mm (15")	780	13 kg (28 lbs.)
GR3RH-48	1285.	1219 mm (48")	381 mm (15")	1060	18 kg (40 lbs.)

All Models Feature:

Voltage:120, single phase only.
 Models Shipped with:Remote toggle, circuit breaker, and GFCI.
 Dimensions:610, 914, or 1219 W x 381 D (with sneeze guards) x 35 H mm (24", 36", or 48" x 15" x 1 3/8")
 Useable Heated Top Shelf Space:Width of unit minus 70 x 318 D mm (2 3/4" x 12 1/2")
 Included with Foodwarmer:Remote toggle, circuit breaker, and GFCI.
 Leads:152 mm (6") Pigtails, multiple knockout locations.
ALL GLO-RAY HEATED GLASS SHELVES WARRANTED AGAINST BURNOUT FOR ONE YEAR.



GR3RH-48 with optional *Designer* color frame

OPTIONS (NOT FOR RETROFIT) –

Designer Color Support Cover, Topshelf, Posts, and Support End Panels –

REDWarm RedNo Charge	BLACKBlack.....Standard	GRAYGray Granite.....No Charge
WHITEWhite GraniteNo Charge	NAVYNavy BlueNo Charge	GREENHunter Green.....No Charge
COPPER ...Antique CopperNo Charge		

SUPPORT-SSStainless Steel Support Cover, Top Shelf, and Support End Panels (Unpainted posts).....\$100.
RMB-14AU1 Toggle, 1 Infinite Switch, Indicator Light, 1 GFCI in lieu of Toggle (Standard on UL Models)237.
GR3R-INFRemote Infinite Switch and GFCI in lieu of Toggle and GFCI.....32.

ACCESSORIES –

GR3-29BP, -35BP, -41BP127 mm (5") Sneeze Guards (excluding GR3RH Models).....per side \$143.
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BUILT-IN HEATED STONE SHELVES AND HEATED BLACK GLASS COUNTERTOP CUTOUT DIMENSIONS

Model	Minimum Width	Maximum Width	Minimum Depth	Maximum Depth	Below Counter
XXXXX-2418	622 mm (24 1/2")	629 mm (24 3/4")	470 mm (18 1/2")	476 mm (18 3/4")	57 mm (2 1/4")
XXXXX-3018	775 mm (30 1/2")	781 mm (30 3/4")	470 mm (18 1/2")	476 mm (18 3/4")	57 mm (2 1/4")
XXXXX-3618	927 mm (36 1/2")	934 mm (36 3/4")	470 mm (18 1/2")	476 mm (18 3/4")	57 mm (2 1/4")
XXXXX-4818	1232 mm (48 1/2")	1238 mm (48 3/4")	470 mm (18 1/2")	476 mm (18 3/4")	57 mm (2 1/4")
XXXXX-6018	1537 mm (60 1/2")	1543 mm (60 3/4")	470 mm (18 1/2")	476 mm (18 3/4")	57 mm (2 1/4")
XXXXX-7218	1842 mm (72 1/2")	1848 mm (72 3/4")	470 mm (18 1/2")	476 mm (18 3/4")	57 mm (2 1/4")

EX-WORKS
STURGEON BAY, WI 54235 U.S.A.

OCTOBER 1, 2008
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Hatco's Split Drawer Warmer expands holding capabilities by accommodating more pans of food in the same space as a single drawer model. Each drawer has

a recessed thermostatic control and temperature monitor with nylon rollers, stainless steel slides, and removable drawer body.

SPLIT DRAWER WARMER

Model	Description	List Price	Dimensions (W x D x H) w/Legs	Voltage	Watts	Ship Weight
HDW-1R2	Two-In-One Drawer Warmer	\$2852.	746 x 422 x 378 mm (29 ³ / ₈ " x 16 ⁵ / ₈ " x 14 ⁷ / ₈ "	120	525	44 kg (97 lbs.)

All Split Drawer Warmers Feature:

Models Shipped with:Two food pans, 102 mm (4") legs, 1829 mm (72") cord and NEMA 5-15P plug.
 Pan Capacity:527 W x 324 D x 64 H mm (20³/₄" x 12³/₄" x 2¹/₂").
 Cord Location:Lower left corner on back of unit.
 ALL DRAWER WARMER HEATING ELEMENTS ARE WARRANTED AGAINST BURNOUT FOR TWO YEARS.
 ALL DRAWER SLIDES AND ROLLERS ARE WARRANTED AGAINST BREAKAGE FOR TWO YEARS.



Model HDW-1R2

OPTIONS (NOT FOR RETROFIT) –

Designer Drawer Front Colors per Drawer –

RED.....Warm Red.....\$53.	BLACK.....Black.....\$53.	GRAY.....Gray Granite.....\$53.
WHITE.....White Granite.....53.	NAVY.....Navy Blue.....53.	GREEN.....Hunter Green.....53.
COPPER...Antique Copper.....53.		

ACCESSORIES –

HDW 6" LEG.....152 mm (6") Adjustable Stainless Steel Legs.....\$142.
ST PAN 2.....Stainless Steel Food Pans 527 W x 324 D x 64 H mm (20 ³ / ₄ " x 12 ³ / ₄ " x 2 ¹ / ₂ ").....61.

Glo-Ray® Mini-Merchandisers

Safe and convenient, Hatco Mini-Merchandisers create impulse sales by placing fresh product in front of customers. Hatco foodwarmers hold hot product at peak serving temperatures using a

limited amount of valuable counterspace. Shatter-resistant incandescent lights enhance product displays while safeguarding food from bulb breakage.

MINI-MERCHANDISER

Model	Description	List Price	Dimensions (W x D x H) w/Sneeze Guard	Watts	Ship Weight
GRHW-1SGS	Mini-Merchandiser w/Slanted Base, 2 Bulbs	\$1410.	565 x 486 x 632 mm (22 ¹ / ₄ " x 19 ¹ / ₈ " x 24 ⁷ / ₈ "	820	17 kg (37 lbs.)
GRHW-1SGD	Mini-Merchandiser w/Heated Glass Shelf, 4 Bulbs	2676.	581 x 521 x 597 mm (22 ⁷ / ₈ " x 20 ¹ / ₂ " x 23 ¹ / ₂ "	1650	32 kg (71 lbs.)
GRHW-1SGDS	Mini-Merchandiser w/Hardcoated Slanted Base & Heated Glass Shelf, 4 Bulbs	2795.	581 x 521 x 600 mm (22 ⁷ / ₈ " x 20 ¹ / ₂ " x 23 ⁵ / ₈ "	1650	32 kg (71 lbs.)

All Mini-Merchandisers Feature:

Voltage:120, single phase only, NEMA 5-15P plug.
 Base Dimensions – GRHW-1SGS:565 W x 371 D (22¹/₄" x 14⁵/₈").
 – GRHW-1SGD, -1SGDS:581 W x 378 D (22⁷/₈" x 14⁷/₈").
 Included with Merchandiser:Thermostatically-controlled base, sneeze guard, display lights, 35 mm (1³/₈") rubber legs, five 102 mm (4") bins (GRHW-1SGS only), 1829 mm (72") cord and plug.
 Cord Location – GRHW-1SGS:Base end plate, same side as switch.
 – GRHW-1SGD, -1SGDS:.....Control side, bottom right.
 ALL GLO-RAY METAL SHEATHED HEATING ELEMENTS WARRANTED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.
 ALL GLO-RAY HEATED GLASS SHELVES AND BASE BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.



Model GRHW-1SGS with sneeze guard, accessory sign holder (graphic not included), five hardcoated bins, and optional Designer color

OPTIONS (NOT FOR RETROFIT) –

Designer Colors (Included on GRHW-1SGD & -1SGDS Black standard) –

RED.....Warm Red.....\$315.	BLACK.....Black.....\$315.	GRAY.....Gray Granite.....\$315.
WHITE.....White Granite.....315.	NAVY.....Navy Blue.....315.	GREEN.....Hunter Green.....315.
COPPER...Antique Copper.....315.		

HC.....Hardcoated Surface (GRHW-1SGS, -1SGD only) (Standard on GRHW-1SGDS).....105.
INF.....Infinite Switch for Top Heat Only (GRHW-1SGS only).....32.
HAL.....Halogen Bulb in lieu of Standard Display Light.....ea. 10.

ACCESSORIES –

GRHW-9.5SIGN.....Display Sign Holder, Top Shelf Only (Requires 533 W x 241 H x 2 D mm (21" x 9 ¹ / ₂ " x 1 ¹ / ₁₆ ") sign, not included) (Adds 165 mm (6 ¹ / ₂ ") to height of unit) (GRHW-1SGS & -1SGD only).....\$63.
1SG-BIN.....Hardcoated Bin 102 W x 337 D x 25 H mm (4" x 13 ¹ / ₄ " x 1") (GRHW-1SGS & -1SGD only).....25.



Model GRHW-1SGD with Designer color, sneeze guard, and accessory sign holder (graphic not included)



Model GRHW-1SGDS with Designer color, sneeze guard, and slanted hardcoated base

EX-WORKS
 STURGEON BAY, WI 54235 U.S.A.

OCTOBER 1, 2008
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Designed for **wrapped** or **boxed** product only, Hatco's patented *heated glass shelves* provide maximum product visibility while increasing product capacity. All models are available in

Designer colors or stainless steel, with tempered glass end panels, a thermostatically-controlled heated base, product divider rods, and 64 mm (2 1/2") legs.

HORIZONTAL DISPLAY WARMER WITH HEATED GLASS SINGLE SHELF

Model	Description	List Price	Dimensions (W x D x H)	Voltage	Watts	Ship Weight
GR3SDH-27	Horizontal Single w/10 Rods	\$2852.	692 x 692 x 327 mm (27 1/4" x 27 1/4" x 12 7/8")	120	1010	23 kg (50 lbs.)
GR3SDH-33	Horizontal Single w/12 Rods	3074.	845 x 692 x 327 mm (33 1/4" x 27 1/4" x 12 7/8")	120	1240	26 kg (58 lbs.)
GR3SDH-39	Horizontal Single w/14 Rods	3303.	997 x 692 x 327 mm (39 1/4" x 27 1/4" x 12 7/8")	120	1490	30 kg (66 lbs.)



Model GR3SDH-39 with optional stainless steel

HORIZONTAL DISPLAY WARMER WITH HEATED GLASS DUAL SHELF

Model	Description	List Price	Dimensions (W x D x H)	Voltage	Watts	Ship Weight
GR3SDH-27D	Horizontal Dual w/15 Rods	\$4725.	692 x 692 x 575 mm (27 1/4" x 27 1/4" x 22 5/8")	120	1790	41 kg (90 lbs.)
GR3SDH-33D	Horizontal Dual w/18 Rods	4992.	845 x 692 x 575 mm (33 1/4" x 27 1/4" x 22 5/8")	120/208-240	2210	45 kg (100 lbs.)
GR3SDH-39D	Horizontal Dual w/21 Rods	5246.	997 x 692 x 575 mm (39 1/4" x 27 1/4" x 22 5/8")	120/208-240	2660	51 kg (112 lbs.)



Model GR3SDH-39D with optional *Designer* color and accessory shelf sign holders (signs not included)

SLANT DISPLAY WARMER WITH HEATED GLASS SINGLE SHELF

Model	Description	List Price	Dimensions (W x D x H)	Voltage	Watts	Ship Weight
GR3SDS-27	Slant Single w/10 Rods	\$3139.	692 x 683 x 445 mm (27 1/4" x 26 7/8" x 17 1/2")	120	1010	33 kg (72 lbs.)
GR3SDS-33	Slant Single w/12 Rods	3316.	845 x 683 x 445 mm (33 1/4" x 26 7/8" x 17 1/2")	120	1240	36 kg (80 lbs.)
GR3SDS-39	Slant Single w/14 Rods	3607.	997 x 683 x 445 mm (39 1/4" x 26 7/8" x 17 1/2")	120	1490	42 kg (92 lbs.)



Model GR3SDS-39 with optional *Designer* color and accessory top sign holder (sign not included)

SLANT DISPLAY WARMER WITH HEATED GLASS DUAL SHELF

Model	Description	List Price	Dimensions (W x D x H)	Voltage	Watts	Ship Weight
GR3SDS-27D	Slant Dual w/15 Rods	\$4890.	692 x 683 x 699 mm (27 1/4" x 26 7/8" x 27 1/2")	120	1790	58 kg (128 lbs.)
GR3SDS-33D	Slant Dual w/18 Rods	5233.	845 x 683 x 699 mm (33 1/4" x 26 7/8" x 27 1/2")	120/208-240	2210	64 kg (140 lbs.)
GR3SDS-39D	Slant Dual w/21 Rods	5564.	997 x 683 x 699 mm (39 1/4" x 26 7/8" x 27 1/2")	120/208-240	2660	72 kg (158 lbs.)



Model GR3SDS-39D with optional *Designer* color

All Models Feature:

- Cord Location:Right rear on server's side (120V NEMA 5-15P, 120/208-240V NEMA L14-20P).
- Usable Heated Shelf Space: - 27/-27D Models:591 W x 540 D mm (23 1/4" x 21 1/4").
- 33/-33D Models:743 W x 540 D mm (29 1/4" x 21 1/4").
- 39/-39D Models:895 W x 540 D mm (35 1/4" x 21 1/4").

ALL GLO-RAY HEATED GLASS SHELVES AND BASE BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.

OPTIONS (NOT FOR RETROFIT) -

Designer Colors -

- REDWarm RedNo Charge
- BLACKBlackStandard
- GRAYGray GraniteNo Charge
- WHITEWhite GraniteNo Charge
- NAVYNavy BlueNo Charge
- GREENHunter GreenNo Charge
- COPPERAntique CopperNo Charge

- GR3-SSStainless Steel Body, Base, and Base End Panels (Unpainted posts)No Charge
- 3SD27FLIPPlexi-Glass Flip-up Doors on Front or Back on 692 mm (27 1/4") Wide Modelsper shelf \$110.
- 3SD33FLIPPlexi-Glass Flip-up Doors on Front or Back on 845 mm (33 1/4") Wide Modelsper shelf 136.
- 3SD39FLIPPlexi-Glass Flip-up Doors on Front or Back on 997 mm (39 1/4") Wide Modelsper shelf 157.
- GR3SD27BP127 mm (5") Sneeze Guard on Customer Side on 692 mm (27 1/4") Wide Modelsper shelf 143.
- GR3SD33BP127 mm (5") Sneeze Guard on Customer Side on 845 mm (33 1/4") Wide Modelsper shelf 143.
- GR3SD39BP127 mm (5") Sneeze Guard on Customer Side on 997 mm (39 1/4") Wide Modelsper shelf 143.

ACCESSORIES -

Painted Shelf Sign Holder (Signs not included) - Top or Intermediate Shelf (Slant or Horizontal models) -

- 27SIGNBLACK686 mm (27") Width Model. Requires 686 W x 54 H x 2 D mm (27" x 2 1/8" x 1/16") Signea. \$57.
- 33SIGNBLACK838 mm (33") Width Model. Requires 838 W x 54 H x 2 D mm (33" x 2 1/8" x 1/16") Signea. 62.
- 39SIGNBLACK991 mm (39") Width Model. Requires 991 W x 54 H x 2 D mm (39" x 2 1/8" x 1/16") Signea. 68.

Top Shelf 305 mm (12") Vertical Sign Holder (Signs not included) - Top Shelf Only (Horizontal models) -

- 27H-SGN12BLK686 mm (27") Width Model. Requires 686 W x 305 H x 2 D mm (27" x 12" x 1/16") Signea. 94.
- 33H-SGN12BLK838 mm (33") Width Model. Requires 838 W x 305 H x 2 D mm (33" x 12" x 1/16") Signea. 122.
- 39H-SGN12BLK991 mm (39") Width Model. Requires 991 W x 305 H x 2 D mm (39" x 12" x 1/16") Signea. 149.

Top Shelf 305 mm (12") Vertical Sign Holder (Signs not included) - Top Shelf Only (Slant models) -

- 27S-SGN12BLK686 mm (27") Width Model. Requires 686 W x 305 H x 2 D mm (27" x 12" x 1/16") Signea. 94.
- 33S-SGN12BLK838 mm (33") Width Model. Requires 838 W x 305 H x 2 D mm (33" x 12" x 1/16") Signea. 122.
- 39S-SGN12BLK991 mm (39") Width Model. Requires 991 W x 305 H x 2 D mm (39" x 12" x 1/16") Signea. 149.

- 4" LEGS102 mm (4") Adjustable LegsSet of 4 40.
- 3SD-DIVAdditional Stainless Steel Divider Rodsea. 17.

EX-WORKS
STURGEON BAY, WI 54235 U.S.A.



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Enhance visibility and presentation with Glo-Ray *Designer* Display Cases containing Hatco's patented *heated glass shelves*. Models without humidity have chrome pan rails

on bottom shelves, or a 3 liter (3-quart) capacity chamber and pan skirts on bottom shelves for humidified models.

DESIGNER DISPLAY CASE WITH HEATED GLASS SHELF

Model*	Description	List Price	Dimensions (W x D x H) w/Legs	Voltage	Watts	Plug	Ship Weight
GRCD-2PDG	2-Pan Dual Shelf Case w/3 Bulbs	\$4542.	826 x 660 x 806 mm (32 ¹ / ₂ " x 26" x 31 ³ / ₄ "	120	1130	NEMA 5-15P	77 kg (170 lbs.)
GRCD-3PDG	3-Pan Dual Shelf Case w/3 Bulbs	5290.	1156 x 660 x 806 mm (45 ¹ / ₂ " x 26" x 31 ³ / ₄ "	120	1665	NEMA 5-15P	99 kg (218 lbs.)

* Model number indicates number of full-size food pans bottom shelf will accommodate.

All Dual Shelf Models Feature:

Cord Location:Control side at right base corner.
 ALL GLO-RAY METAL SHEATHED HEATING ELEMENTS WARRANTED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.
 ALL GLO-RAY HEATED GLASS SHELVES AND BASE BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.



Model GRCD-2PDG with pan rail and optional *Designer* color

DESIGNER DISPLAY CASE WITH HEATED GLASS SHELF AND HUMIDITY†

Model*	Description	List Price	Dimensions (W x D x H) w/Legs	Voltage	Watts	Plug	Ship Weight
GRCDH-2PDG	2-Pan Dual w/Humidity, 3 Bulbs	\$4977.	826 x 660 x 806 mm (32 ¹ / ₂ " x 26" x 31 ³ / ₄ "	120	1380	NEMA 5-15P	79 kg (174 lbs.)
GRCDH-3PDG	3-Pan Dual w/Humidity, 3 Bulbs	5723.	1156 x 660 x 806 mm (45 ¹ / ₂ " x 26" x 31 ³ / ₄ "	120	1915	NEMA 5-20P	101 kg (222 lbs.)

† Humidity on bottom shelf only. Includes pan skirt on bottom shelf.

* Model number indicates number of full-size food pans bottom shelf will accommodate.

All Dual Shelf with Humidity Models Feature:

Water Chamber Capacity:3 liters (3 quarts).
 Cord Location:Control side at right base corner.
 ALL GLO-RAY METAL SHEATHED HEATING ELEMENTS WARRANTED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.
 ALL GLO-RAY HEATED GLASS SHELVES AND BASE BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.



Model GRCDH-3PDG with pan skirt and optional *Designer* color

OPTIONS (NOT FOR RETROFIT) –

Designer Colors –

RED.....Warm Red.....\$315.	BLACK.....Black.....\$315.	GRAY.....Gray Granite.....\$315.
WHITE.....White Granite.....315.	NAVY.....Navy Blue.....315.	GREEN.....Hunter Green.....315.
COPPER...Antique Copper.....315.		

HAL.....Halogen Bulb in lieu of Standard Display Light.....ea.	10.
SKIRT-2P.....Pan Skirt (Standard on humidified model) 2-Pan Model in lieu of Pan Rail on Bottom Shelf.....	68.
SKIRT-3P.....Pan Skirt (Standard on humidified model) 3-Pan Model in lieu of Pan Rail on Bottom Shelf.....	100.
MIRROR-2PD.....Mirrored Glass Doors 2-Pan Models in lieu of Glass Doors.....	add 101.
MIRROR-3PD.....Mirrored Glass Doors 3-Pan Models in lieu of Glass Doors.....	add 145.

ACCESSORIES –

Top Display Sign Holder (Sign not included – Adds 210 mm (8¹/₄" to height of unit) –

GRCD-2SIGN.....2-Pan Model. Requires 759 x 241 x 2 mm (29 ⁷ / ₈ "W x 9 ¹ / ₂ "H x 1/16"D) Sign.....	\$163.
GRCD-3SIGN.....3-Pan Model. Requires 1089 x 241 x 2 mm (42 ⁷ / ₈ "W x 9 ¹ / ₂ "H x 1/16"D) Sign.....	208.

Glo-Ray® Staging/Specialty Warmers

Perfect for holding fried foods at kitchen work areas, the Glo-Ray Staging Warmers safely hold hot products at optimum serving temperatures without affecting quality. The

Condiment/Topping warmer safely holds sauces, gravies, toppings, and condiments.

STAGING/SPECIALTY WARMER

Model	Description	List Price	Dimensions (W x D x H)	Watts	Ship Weight
GRMW-5*	1 Half-Size Pan Staging Warmer, w/Sliding Drawer	\$2375.	403 x 454 x 384 mm (15 ⁷ / ₈ " x 17 ⁷ / ₈ " x 15 ¹ / ₈ "	450	24 kg (52 lbs.)
GRMW-3*	3 Third-Size Pans Staging Warmer, w/Sliding Drawer	2585.	676 x 454 x 384 mm (26 ⁵ / ₈ " x 17 ⁷ / ₈ " x 15 ¹ / ₈ "	710	25 kg (55 lbs.)
GRMW-4*	4 Third-Size Pans Staging Warmer, w/Sliding Drawer	2934.	876 x 441 x 384 mm (34 ¹ / ₂ " x 17 ³ / ₈ " x 15 ¹ / ₈ "	900	29 kg (65 lbs.)
QW-6	Condiment/Topping Warmer	396.	191 x 178 x 213 mm (7 ¹ / ₂ " x 7" x 8 ³ / ₈ "	110	5 kg (10 lbs.)

* Includes handle.

All Staging/Specialty Warmers Feature:

Voltage:120, single phase only, NEMA 5-15P plug.
 Cord Location – GRMW-.5, -3:Upper back of unit.
 – GRMW-4:Upper side of unit.
 – QW-6:Back of unit on base.

ALL GLO-RAY METAL SHEATHED HEATING ELEMENTS WARRANTED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.
 ALL GLO-RAY BLANKET HEATING ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.



Model GRMW-4 with 4 accessory third-size pans



Model QW-6

EX-WORKS
 STURGEON BAY, WI 54235 U.S.A.



OCTOBER 1, 2008
 TELEPHONE: (414) 671-6350
 FAX: (414) 671-3976

Glo-Ray Pizza Warmers hold **boxed** or **bagged** pizzas hot and fresh for convenient self-serve or quick-serve areas. Featuring 102 mm (4") legs and slanted, heated, hardcoated

shelves. Bright annealed reflectors with 60 watt incandescent display lights emphasize product. Each heat zone has a separate thermostat control and on/off switch.

SLANT DISPLAY WARMER



Model GRPWS-2424



Model GRPWS-2418D



Model GRPWS-4818T



Model GRPWS-2418Q

Model	No. of Bulbs	List Price	Dimensions (WxDxH)*	Watts	Plug	Ship Weight
Single Shelf						
GRPWS-2424▼	0	\$1300.	632 x 464 x 264 mm (24 ⁷ / ₈ " x 18 ¹ / ₄ " x 10 ³ / ₈ "	345	NEMA 5-15P	32 kg (70 lbs.)
GRPWS-3624▼	0	1435.	886 x 464 x 264 mm (36 ⁷ / ₈ " x 18 ¹ / ₄ " x 10 ³ / ₈ "	505	NEMA 5-15P	44 kg (97 lbs.)
GRPWS-4824▼	0	1606.	1191 x 464 x 264 mm (48 ⁷ / ₈ " x 18 ¹ / ₄ " x 10 ³ / ₈ "	660	NEMA 5-15P	58 kg (127 lbs.)
Dual Shelf						
GRPWS-2418D▼	4	\$2596.	610 x 457 x 572 mm (24" x 18" x 22 ¹ / ₂ "	750	NEMA 5-15P	35 kg (76 lbs.)
GRPWS-3618D▼	6	2930.	914 x 457 x 572 mm (36" x 18" x 22 ¹ / ₂ "	1068	NEMA 5-15P	48 kg (106 lbs.)
GRPWS-4818D▼	8	3251.	1219 x 457 x 572 mm (48" x 18" x 22 ¹ / ₂ "	1370	NEMA 5-15P	62 kg (136 lbs.)
GRPWS-2424D▼	4	2815.	610 x 610 x 597 mm (24" x 24" x 23 ¹ / ₂ "	950	NEMA 5-15P	44 kg (96 lbs.)
GRPWS-3624D▼	6	3199.	914 x 610 x 597 mm (36" x 24" x 23 ¹ / ₂ "	1342	NEMA 5-15P	62 kg (136 lbs.)
GRPWS-4824D▼	8	3571.	1219 x 610 x 597 mm (48" x 24" x 23 ¹ / ₂ "	1716	NEMA 5-15P	80 kg (177 lbs.)
Triple Shelf						
GRPWS-2418T▼	6	\$3345.	610 x 457 x 756 mm (24" x 18" x 29 ³ / ₄ "	1125	NEMA 5-15P	45 kg (98 lbs.)
GRPWS-3618T▼	9	3835.	914 x 457 x 756 mm (36" x 18" x 29 ³ / ₄ "	1602	NEMA 5-15P	62 kg (136 lbs.)
GRPWS-4818T▼	12	4426.	1219 x 457 x 756 mm (48" x 18" x 29 ³ / ₄ "	2055	NEMA 5-20P	79 kg (175 lbs.)
Quadruple Shelf						
GRPWS-2418Q▼	8	\$4112.	610 x 457 x 933 mm (24" x 18" x 36 ³ / ₄ "	1500	NEMA 5-15P	54 kg (119 lbs.)
GRPWS-3618Q▼	12	4884.	914 x 457 x 933 mm (36" x 18" x 36 ³ / ₄ "	2136	NEMA 5-20P	76 kg (167 lbs.)
GRPWS-4818Q*	16	5539.	1219 x 457 x 933 mm (48" x 18" x 36 ³ / ₄ "	2740	NEMA L14-20P	97 kg (214 lbs.)
GRPWS-2424Q▼	8	4526.	610 x 610 x 959 mm (24" x 24" x 37 ³ / ₄ "	1900	NEMA 5-20P	69 kg (151 lbs.)
GRPWS-3624Q*	12	5388.	914 x 610 x 959 mm (36" x 24" x 37 ³ / ₄ "	2684	NEMA L14-20P	97 kg (214 lbs.)
GRPWS-4824Q*	16	6255.	1219 x 610 x 959 mm (48" x 24" x 37 ³ / ₄ "	3432	NEMA L14-20P	126 kg (277 lbs.)

- * Height includes legs.
- ▼ Only available in 120V, single phase.
- * Only available in 120/208-240V.

All Slant Models Feature:

Voltage: See model above.

Cord Location: Control side at right base corner.

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

OPTIONS (NOT FOR RETROFIT) –

Designer Colors –

RED.....Warm Red.....\$315.	BLACK.....Black.....\$315.	GRAY.....Gray Granite.....\$315.
WHITE.....White Granite.....315.	NAVY.....Navy Blue.....315.	GREEN.....Hunter Green.....315.
COPPER.....Antique Copper.....315.		

HAL.....Halogen Bulb in lieu of Standard Display Lightea. 10.

Flav-R-Fresh® Impulse Display Cabinets

A profitable way to create impulse food sales is with the small Flav-R-Fresh Holding and Display Cabinet. Using controlled moisturized heat allows you to showcase your product

longer using minimum counter space.



Model FDWDE-1 with rotating 4-tier circle rack

IMPULSE CABINET

Model	Description	List Price	Dimensions (W x D x H)	Ship Weight
		120, 220V		
FDWDE-1	1 Door w/Circle Rack w/Motor	\$1995.	492 x 530 x 730 mm (19 ³ / ₈ " x 20 ⁷ / ₈ " x 28 ³ / ₄ "	36 kg (80 lbs.)
FDWDE-1X	1 Door w/Multi-Purpose Rack	1964.	492 x 530 x 730 mm (19 ³ / ₈ " x 20 ⁷ / ₈ " x 28 ³ / ₄ "	37 kg (82 lbs.)
FDWDE-2	2 Doors w/Circle Rack	2100.	492 x 559 x 730 mm (19 ³ / ₈ " x 22" x 28 ³ / ₄ "	39 kg (86 lbs.)
FDWDE-2X	2 Doors w/Multi-Purpose Rack	2069.	492 x 559 x 730 mm (19 ³ / ₈ " x 22" x 28 ³ / ₄ "	40 kg (88 lbs.)

◆ Models FDWDE-1 and FDWDE-2 include rack motor. Models with "X" designator do not have revolving display and are NOT available for retrofit.

▼ Rack listed is included with unit. Other racks available – deduct price of included rack from rack ordered.

● Deduct \$210. for non-humidified cabinet. Unit will only operate in dry mode.

▲ Height includes standard legs.

All Impulse Cabinets Feature:

Voltage: 120V, 60Hz, 1420 watts, 11.8 amps, NEMA 5-15P Plug

..... 220V, 50Hz, 1470 watts, 6.7 amps, CEE 7/7 Schuko and BS-1363 Plug.

Cabinet Opening: 400 W x 502 H mm (15³/₄" x 19³/₄").

Door Hinges – Control Side: Left-hand side.

– Customer Side (Two-door models only): Right-hand side.

Max. Pizza Pan Size: 381 mm (15") diameter.

Water Tank Capacity for Humidity System: 2 liters (1/2 gallon).

Cord Location: Facing controls, right-hand side panel, lower right corner.

ALL FLAV-R-SAVOR METAL SHEATHED AIR HEATING ELEMENTS WARRANTED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.

OPTIONS (NOT FOR RETROFIT) –

Designer Colors –

RED.....Warm Red.....\$315.	BLACK.....Black.....\$315.	GRAY.....Gray Granite.....\$315.
WHITE.....White Granite.....315.	NAVY.....Navy Blue.....315.	GREEN.....Hunter Green.....315.
COPPER.....Antique Copper.....315.		

FDWD-3DIS.....Three Sided Sign Holder (Includes metal holder/hood and window). Available in all Designer colors to match your unit (Black is standard). Requires (3) signs 491 W x 168 H x 2 D mm (19⁵/₁₆" x 6⁵/₈" x 1¹/₁₆") – not included (Only available for FDWD-1 and -1X units).....155.

FDWD-DIS.....Merchandising Display Sign Holder (Includes metal holder and window) – one per side, three maximum. Available in all Designer colors to match your unit (Black is standard). Adds 32 mm (1¹/₄") to height of unit. Requires (1) sign 484 W x 83 H x 2 D mm (19¹/₁₆" x 3¹/₄" x 1¹/₁₆") – not included.....55.

ACCESSORIES –

FDWD4TCR.....4-Tier Circle Rack (Requires Coupling for -1X or -2X models).....	\$174.
FDWD4SMP.....4-Shelf Multi-Purpose Rack (Each shelf 346 W x 321 D mm (13 ⁵ / ₈ " x 12 ⁵ / ₈ ").....	198.
FDWD4SAR.....4-Shelf Angle Rack (Each shelf 356 W x 368 D mm (14" x 14 ¹ / ₂ ").....	297.
FDWD3TPT.....3-Tier Pretzel Tree (Requires Coupling for -1X or -2X models).....	198.
COUPLING.....Motorless Rack Coupling for FDWD-1X and -2X Models (Select Circle Rack or Pretzel Tree).....	32.
FDWD-LEGS.....102 mm (4") Adjustable Legs (102-127 mm (4"-5")) with Brackets.....	58.
Graphic Adhesive Decals (3 per set) 423 W x 140 H mm (16 ¹ / ₂ " x 5 ¹ / ₂ ") –	
FDWD-PIZZA.....Three Pizza Photo Decals.....	111.
HOT PIZZA.....Three "Hot Pizza" Decals.....	37.
HOT PRETZEL.....Three "Hot Pretzels" Decals.....	37.

EX-WORKS
STURGEON BAY, WI 54235 U.S.A.



OCTOBER 1, 2008
TELEPHONE: (414) 671-6350
FAX: (414) 671-3976

Hatco Large Capacity Holding Cabinets hold more product at proper serving temperatures than standard size models. This allows for food to be prepared in advance of peak

servicing periods, while placing product in full view cabinets to increase impulse sales with French-style glass doors and tempered glass sides.

LARGE CAPACITY HOLDING CABINET

Model*	Description	List Price	Dimensions (WxDxH)	Ship Weight
LFST-48	4 Doors w/3-Shelf Rack	\$7859.	1241 x 689 x 762 mm (487 ¹ / ₈ " x 271 ¹ / ₈ " x 30")	86 kg (190 lbs.)

* When no color is specified, unit will be black. Includes six bulbs.

All Wide Cabinets Feature:

- Voltage:120/208-240, 2150 watts, 14.6 amps, NEMA L14-20P plug.
 - Cabinet Opening Dimensions1118 W x 559 H mm (44" x 22").
 - Available Shelf Space:1060 W x 432 H mm (41³/₄" x 17").
 - Cord Location:Facing controls, left-hand side panel, lower right corner.
- ALL FLAV-R-SAVOR METAL SHEATHED AIR HEATING ELEMENTS WARRANTED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.



Model LFST-48 with 3-shelf multi-purpose rack, sign holder, and optional Designer color

OPTIONS (NOT FOR RETROFIT) –

Designer Colors –

- REDWarm RedNo Charge BLACKBlackStandard GRAYGray GraniteNo Charge
 - WHITEWhite GraniteNo Charge NAVYNavy BlueNo Charge GREENHunter GreenNo Charge
 - COPPERAntique CopperNo Charge
- HALHalogen Bulb in lieu of Standard Display Lightea. 10.

Flav-R-Savor® Heated Air Curtain Cabinets

The Flav-R-Savor Heated Air Curtain Cabinet effectively and safely holds hot food hot without the use of doors, allowing immediate access to product. Available with or without

humidity, 2-pan and 3-pan models hold half-size food pans while the 2-pan pass-through units hold full size sheet pans.

STANDARD HEATED AIR CURTAIN CABINET

Model	Description	List Price	Dimensions (W x D x H)	Ship Weight
FSHAC-2	2-Tier Warmer with Air Curtain	\$3308.	511 x 581 x 460 mm (20 ¹ / ₈ " x 22 ⁷ / ₈ " x 18 ¹ / ₈ ")	45 kg (100 lbs.)
FSHAC-3*	3-Tier Warmer with Air Curtain	3450.	511 x 581 x 775 mm (20 ¹ / ₈ " x 22 ⁷ / ₈ " x 30 ¹ / ₂ ")	52 kg (115 lbs.)
FSHAC-2PT	2-Tier Pass-Through Warmer with Air Curtain	5832.	613 x 867 x 457 mm (24 ¹ / ₈ " x 34 ¹ / ₈ " x 18")	68 kg (150 lbs.)

*Includes 102 mm (4") legs.

All Standard Models Feature:

- Voltage – FSHAC-2:120, 60 Hz, 1850 watts, 15.4 amps, NEMA 5-20P plug.
- FSHAC-2, -3:120/208, 60 Hz, 1877 watts, 9.0 amps, NEMA L14-20P plug.
- FSHAC-2PT:120/208, 60 Hz, 3152 watts, 15.2 amps, NEMA L14-20P plug.
- 208, 60 Hz, 3152 watts, 15.2 amps, NEMA L6-20P plug.
- 240, 60 Hz, 3200 watts, 13.3 amps, NEMA L6-20P plug.
- Cabinet Opening Dimensions – FSHAC-2:464 W x 232 H mm (18¹/₄" x 9¹/₈").
- FSHAC-3:464 W x 460 H mm (18¹/₄" x 18¹/₈").
- FSHAC-2PT:464 W x 235 H mm (18¹/₄" x 9¹/₄").
- Cord Location – FSHAC-2, -3:Top of unit towards the back, middle.
- FSHAC-2PT:Top of unit towards the back, left side.



Model FSHAC-2 with accessory pans

HUMIDIFIED HEATED AIR CURTAIN CABINET*

Model	Description	List Price	Dimensions (W x D x H)	Ship Weight
FSHACH-2	Humidified 2-Tier Warmer with Air Curtain	\$3859.	530 x 619 x 460 mm (20 ⁷ / ₈ " x 24 ³ / ₈ " x 18 ¹ / ₈ ")	45 kg (100 lbs.)
FSHACH-3*	Humidified 3-Tier Warmer with Air Curtain	4032.	530 x 619 x 775 mm (20 ⁷ / ₈ " x 24 ³ / ₈ " x 30 ¹ / ₂ ")	52 kg (115 lbs.)
FSHACH-2PT	Humidified 2-Tier Pass-Through Warmer with Air Curtain	6156.	613 x 905 x 457 mm (24 ¹ / ₈ " x 35 ⁵ / ₈ " x 18")	68 kg (150 lbs.)

* Includes autofill water reservoir.

*Includes 102 mm (4") legs.

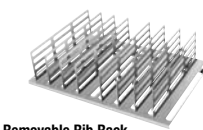
All Humidified Models Feature:

- Voltage – FSHACH-2, -3:120/208, 60 Hz, 2950 watts, 14.2 amps, NEMA L14-20P plug.
- FSHACH-2PT:120/208, 60 Hz, 4952 watts, 23.8 amps, NEMA L14-30P plug.
- FSHACH-2PT:208, 60 Hz, 4952 watts, 23.8 amps, NEMA L6-30P plug.
- Models Shipped with:Auto-fill water reservoir and water filter.
- Cabinet Opening Dimensions – FSHACH-2:464 W x 232 H mm (18¹/₄" x 9¹/₈").
- FSHACH-3:464 W x 460 H mm (18¹/₄" x 18¹/₈").
- FSHACH-2PT:464 W x 235 H mm (18¹/₄" x 9¹/₄").
- Water Tank Capacity for Humidity System – FSHACH-2, -3:9 liters (2¹/₄ gallons).
- FSHACH-2PT:11 liters (3 gallons).
- Cord Location – FSHACH-2, -3:Top of unit towards the back, middle.
- FSHACH-2PT:Top of unit towards the back, left side.

ALL FLAV-R-SAVOR METAL SHEATHED AIR HEATING ELEMENTS WARRANTED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.



Removable Slant Rack



Removable Rib Rack



Model FSHACH-3

ACCESSORIES –

- FSHAC-BK2BKBack-to-Back Mounting on a Single Base (FSHAC-2 and FSHACH-2, FSHAC-3 and FSHACH-3 models only) (Add 25 mm (1") to height)\$96.
- 4"LEGS102 mm (4") Legs (Standard on 3-Tier and Pass-Through models)40.
- FSHAC-SLTRemovable Slant Shelfea. 89.
- FSHAC-RIBRemovable Rib Rack (FSHAC-3 and FSHACH-3 models only)ea. 120.

EX-WORKS
STURGEON BAY, WI 54235 U.S.A.



OCTOBER 1, 2008
TELEPHONE: (414) 671-6350
FAX: (414) 671-3976

Featuring state-of-the-art electronic controls for top and bottom heat, a patented *ColorGuard Sensing System*, and power save mode with indicator light, the redesigned

Toast-Qwik Conveyor Toasters now offer more precise control, improved performance, and toasting capacities from 1200 to 1800 slices per hour.

HORIZONTAL CONVEYOR TOASTER

	Model	Description	List Price	Cap./Min.†	Dimensions (W x D x H) w/Legs	Voltage	kW	Plug	Ship Weight
	TQ-1200	All Bread Types	\$2240.	20 slices	368 x 578 x 422 mm (14 ¹ / ₂ " x 22 ³ / ₄ " x 16 ⁵ / ₈ "	208, 240	4.0	NEMA 6-30P	29 kg (65 lbs.)
Toasts three slices wide	TQ-1800	All Bread Types	2526.	30 slices	470 x 578 x 422 mm (18 ¹ / ₂ " x 22 ³ / ₄ " x 16 ⁵ / ₈ "	208, 240	4.4	NEMA 6-30P	34 kg (75 lbs.)
	TQ-1800BA▼	Bagels or Buns	2526.	30 slices	470 x 578 x 422 mm (18 ¹ / ₂ " x 22 ³ / ₄ " x 16 ⁵ / ₈ "	208, 240	4.6	NEMA 6-30P	34 kg (75 lbs.)
	TQ-1800H	All Bread Types	2526.	20 slices	470 x 578 x 422 mm (18 ¹ / ₂ " x 22 ³ / ₄ " x 16 ⁵ / ₈ "	208, 240	4.6	NEMA 6-30P	34 kg (75 lbs.)
	TQ-1800HBA▼	Bagels or Buns	2526.	30 slices	470 x 578 x 422 mm (18 ¹ / ₂ " x 22 ³ / ₄ " x 16 ⁵ / ₈ "	208, 240	4.6	NEMA 6-30P	34 kg (75 lbs.)

† Toasting capacity may vary by product. Toasting of coated products not recommended.

* Add 165 mm (6¹/₂") for tray extension in rear.

▼ BA models toast one side only and are for bagels and buns, cut side up.



Model TQ-1800

All Toast-Qwik Models Feature:

Max. Product Size – TQ-1200:244 W x 44 H mm (9⁵/₈" x 1³/₄").
 – TQ-1800, -1800BA:365 W x 44 H mm (14³/₈" x 1³/₄").
 – TQ-1800H, -1800HBA:365 W x 70 H mm (14³/₈" x 2³/₄").

Opening Height for H and HBA Models is 76 mm (3"), all other Models are 51 mm (2").

Cord Location:1829 mm (72") Cord – Lower right corner on back of unit.

ALL TOAST-QWIK METAL SHEATHED HEATING ELEMENTS WARRANTED AGAINST BURNOUT AND BREAKAGE FOR TWO YEARS.

TOAST-QWIK CAN BE SHIPPED UNITED PARCEL SERVICE OR FED-EX GROUND.

OPTIONS (NOT FOR RETROFIT) –

TQ-PWR-AAutomatic Power Save Mode (Switches to Power Save Mode after 30 minutes of inactivity)No Charge

ACCESSORIES –

Receptacles –
 30A-RECEP-250 .30 Amp, 250V (NEMA 6-30R).....\$ 75.

TQRAMP.....Extended Feed Guide (Add 76 mm (3")) in lieu of Standard Feed Guide (TQ-1200 model only).....79.

TQ2-SECURITY.....Control Cover and Bracket.....84.

CONVEYOR TOASTER AMP RATINGS

Model	208V/1 Ø Amps	240V/1 Ø Amps
TQ-1200.....	19.4.....	16.8
TQ-1800.....	21.4.....	18.5
TQ-1800BA.....	22.4.....	19.4
TQ-1800H.....	22.0.....	19.1
TQ-1800HBA.....	22.0.....	19.1

Thermo-Finisher® Food Finishers

The Hatco Thermo-Finisher heats or thermalizes a variety of food products faster than conventional methods. A quick heating infrared ribbon element with a special

microprocessor, that allows up to five preset programs (ten on TFC-461R), controls the temperature and heating time. Units accommodate half-size sheet pans.

FOOD FINISHER

Model	Description	List Price	Dimensions (W x D x H)	Voltage	Watts	Phase	Plug	Ship Weight
TF-461R	4 Upper/1 Lower Element	\$4161.	587 x 784 x 432 mm (23 ¹ / ₈ " x 30 ⁷ / ₈ " x 17")	208 or 240	6250, 8320	1	NEMA 6-50P	42 kg (93 lbs.)
TF-461R	4 Upper/1 Lower Element	4106.	562 x 784 x 432 mm (22 ¹ / ₈ " x 30 ⁷ / ₈ " x 17")	208 or 240	6250, 8320	3	NEMA L15-30P	42 kg (93 lbs.)
TFC-461R*	4 Upper/1 Lower Element	6513.	1353 x 746 x 559 mm (53 ¹ / ₄ " x 29 ³ / ₈ " x 22")	208 or 240	7524, 8445	1	NEMA 6-50P	61 kg (135 lbs.)
TFC-461R*	4 Upper/1 Lower Element	6458.	1353 x 746 x 559 mm (53 ¹ / ₄ " x 29 ³ / ₈ " x 22")	208 or 240	7524, 8445	3	NEMA L15-30P	61 kg (135 lbs.)

* Width of unit is 1619 mm (63³/₄") with landing down.

All Food Finishers Feature:

Useable Cavity Opening – TF-461R:330 W x 457 D x 162 H mm (13" x 18" x 6³/₈").
 – TFC-461R:330 W x 457 D x 86 H mm (13" x 18" x 3³/₈").

Cord Location:1829 mm (72") Cord with plug, left side of back near center.

ALL INFRARED RIBBON ELEMENTS WARRANTED AGAINST BURNOUT FOR ONE YEAR.

OPTIONS (NOT FOR RETROFIT) –

Designer Color Side Panels –

RED.....Warm RedNo Charge BLACK.....BlackStandard

LH-DRIVELeft-hand Drive (TFC-461R model only).....No Charge

ACCESSORIES –

ALUMPAN.....Half-Size Sheet Pan – 457 W x 330 D mm (18" x 13").....\$ 20.



Conveyor Model TFC-461R with backstop tray/landing platform and accessory pan

EX-WORKS
 STURGEON BAY, WI 54235 U.S.A.



OCTOBER 1, 2008
 TELEPHONE: (414) 671-6350
 FAX: (414) 671-3976

At a simple push of a button, the Hatco Atmospheric Hot Water Dispenser delivers pre-measured quantities of hot water for food preparation or cleaning. Dispensing can be

interrupted for versatility and convenience. A manual dispense button permits additional water volume options.

ATMOSPHERIC HOT WATER DISPENSER

Model	kW	List Price	Dimensions (W x D x H) w/Legs	Voltage	Phase	Ship Weight
AWD-12	5.0	\$3458.	340 x 699 x 714 mm (13 ³ / ₈ " x 27 ¹ / ₂ " x 28 ¹ / ₈ ")	208 or 240	1	36 kg (80 lbs.)

All Hot Water Dispenser Models Feature:

Models Shipped with:Low-water cut-off (LWCO), high temperature limit, electronic temperature controller and digital temperature display.
 Distance between shelf and spout:298 mm (11³/₄").
 Cord Location:Lower left corner on left side, NEMA 6-30P plug.

OPTIONS (NOT FOR RETROFIT) –

AWD-L6.....NEMA L6-30P Locking Cap in lieu of NEMA 6-30Padd \$11.

ACCESSORIES –

WATERTREAT.....Phosphate Injection System\$521.
 AWD-ADAPT.....Plumbing Kit for Phosphate Injection System37.
 AWD-PLUMB.....914 mm (36") Rubber Drain Hose with 3054 mm (10' 1/4") Inlet Tubing37.



Model AWD-12

Powermite® Gas Booster Water Heaters

The Powermite Gas Booster Water Heater provides 82°C (180°F) sanitizing hot water and long life dependability. All models can be supplied to operate on either *natural* or *propane*

gas and feature a burner system that utilizes both primary and secondary air for consistent ignition. **Available for U.S. and Canada only.**

GAS BOOSTER WATER HEATER

Model	Input BTUs/Hour	Output	List Price	Dimensions (W x D x H) w/Legs	Ship Weight
PMG-60	58,000	46,000 = 13.4kW	\$7640.	518 x 622 x 625 mm (20 ³ / ₈ " x 24 ¹ / ₂ " x 24 ⁵ / ₈ ")	59 kg (130 lbs.)
PMG-100	105,000	84,800 = 24.8kW	9400.	699 x 527 x 794 mm (27 ¹ / ₂ " x 20 ³ / ₄ " x 31 ¹ / ₄ ")	82 kg (180 lbs.)
PMG-200	195,000	156,000 = 45.7KW	11,157.	914 x 527 x 794 mm (36" x 20 ³ / ₄ " x 31 ¹ / ₄ ")	98 kg (215 lbs.)

All Gas Booster Models Feature:

Electrical Supply – PMG-60:120 VAC, 210 watt, 1.75 amp.
 – PMG-100/-200:120 VAC, 360 watt, 3.00 amp.
 Connections – PMG-60:Gas – 1/2" NPT, Water – 3/4" NPT, Electric – 120 VAC, 15 amp.
 – PMG-100/-200:Gas – 3/4" NPT, Water – 3/4" NPT, Electric – 120 VAC, 15 amp.
 Fuel:Standard – Natural gas. Optional – Propane gas.
 Models Shipped with:Stainless steel tank/front/top, powdercoated sides and back, blended phosphate water treatment system, with built-in timer, low-water cut-off (LWCO), temperature/pressure relief valve, pressure reducing valve, shock absorber, two temperature/pressure gauges, indicator light, and on/off switch.
 Water Capacity – PMG-60:12 liters (3¹/₄ gallons).
 – PMG-100/-200:18 liters (4³/₄ gallons).
 Natural Gas Inlet Pressure Inches Water Column:Min. – 127 mm (5.0"). Max. – 267 mm (10.5").
 Propane/LP Gas Inlet Pressure Inches Water Column:Min. – 279 mm (11.0"). Max. – 330 mm (13.0").
 Operating Pressure Specifications at Manifold –
 Inches Water Column at Pressure Tap:Natural Gas – 89 mm (3.5"). Propane/LP Gas – 254 mm (10.0").
 Fluing PMG-60:Combustion air enters bottom, flue gasses exit sides at top of unit.
 Direct Fluing PMG-100/-200:Combustion air enters bottom, flue gasses exit right side or back at top of unit.
 Vent^ – PMGH-60:102 mm (4") diameter vent pipe adapter.
 – PMG-100/200:Forced draft system with 102 mm (4") diameter vent pipe adapter.
 ^ Before installing any method of venting contact the local code authority or gas supplier to make sure the final installation will be acceptable to the authorities who have jurisdiction.
 See Installation Manual at www.hatcocorp.com for more venting information.

NOTE: See pages 10 and 11 for sizing information.

OPTIONS (NOT FOR RETROFIT) –

Stainless Steel Body and Base –
 SSBB.....PMG-60\$138.
 SSBB.....PMG-100182.
 SSBB.....PMG-200221.
 PRVB.....Brass Pressure Reducing Valve with By-Pass in lieu of Standard.....add 68.
 FLOOR MOUNT.....Floor Mounting Leg Assembly in lieu of Standard 152 mm (6") Legs.....add 208.
 SSA-LEGS.....Stainless Steel Adjustable Legs 152-178 mm (6"-7") in lieu of Standard 152 mm (6") Legs.....add 117.
 PMG-SECURITY.....Security Package with Cover and Torq Screws.....131.

ACCESSORIES –

PMGH-60.....Exhaust Hood for PMG-60, 619 W x 340 D* x 175 H mm (24³/₈" x 133³/₈" x 67³/₈")
 7 kg (15 lbs.), 120V with Separate Power Supply\$410.
 BPRV.....Back Pressure Relief Valve44.
 ORIF.....High Altitude Kit – Specify Model PMG-60 or PMG-200, Gas and Elevation.....No Charge
 *Add 102 mm (4") for Flue Adapter.



Model PMG-200



Model PMG-100



Model PMG-60 with optional stainless steel body and base and Model PMGH-60 Hood

WATER QUALITY REQUIREMENTS

Water supply in excess of .75 grains of hardness per liter (GPL) (3.0 grains of hardness per gallon (GPG)) must be treated and softened before being used. Water containing over .75 GPL (3.0 GPG) will decrease the efficiency and reduce the operating life of the unit.

NOTE: Product failure caused by liming or sediment buildup is not covered under warranty.

EX-WORKS
 STURGEON BAY, WI 54235 U.S.A.



OCTOBER 1, 2008
 TELEPHONE: (414) 671-6350
 FAX: (414) 671-3976

DISHWASHER	MODEL NUMBER	ELECTRIC COMPACT BOOSTER		ELECTRIC IMPERIAL BOOSTER		GAS POWERMITE® BOOSTER▲	
		Temperature Rise	Temperature Rise	Temperature Rise	Temperature Rise	Temperature Rise	Temperature Rise
ADAMATION		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
CSL-1390, CA-2, CA-3, CA-4, SLAP 44		C-39	(2)C-36	S-39	(2)S-36	PMG-200	(2)PMG-200
CA, CA-1		C-54	(2)C-45	S-54	(2)S-45	PMG-200	(2)PMG-200
ALVEY		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
FLC-10, SL-2S				S-6	S-9		
FLC-12, CL-1, CL-1Turntable, SA-5A				S-7	S-12		
FL-2S				S-9	S-13		
KS-70, KS70M SB				S-9	S-15		
SL-2D				S-13	S-18		
FLC-36				S-15	S-27		
KS-88				S-18	S-30		
KS-70-N, KS-88-N				S-39	(2)S-40		
AMERICAN DISH SERVICE		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
HT-25		C-7	C-12	S-7	S-12		
ACD-44, ADC-66		C-12	C-24	S-12	S-24		
BLAKESLEE		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
UC-21A, UC-21B		C-4	C-4	S-6	S-6	PMG-60	PMG-60
UC-21		C-6	C-12	S-6	S-12	PMG-60	PMG-60
D-8		C-9	C-13	S-9	S-13	PMG-60	PMG-60
D-9		C-12	C-17	S-12	S-17	PMG-60	PMG-100
Series "R" & "F" -CC, -EE, -LL, -MM, -LLL, -MMM, -PCC, -PEE, -PLL, -PMM (multi-tank) with suffix "LC"		C-13	C-24	S-13	S-24	PMG-200	PMG-200/100
Series XF-EE, XF-LL		C-17	C-30	S-17	S-30	PMG-100	PMG-200
Series XF-LL, XF-PLL, XF-MM, XF-PMM, XF-EEE, XF-LLL, XF-MMM (Multi-tank) with suffix "LC"		C-17	C-30	S-17	S-30	PMG-200	PMG-200/100
DD-8		C-18	C-30	S-18	S-30	PMG-100	PMG-200
Series F-E, FA-EE, FA-PEE, FA-LL, FA-PLL, FA-MM, FA-PMM, F-EEE, FA-EEE, FA-LLL, FA-MMM, F-PE		C-30	C-54	S-30	S-54	PMG-200	PMG-200/100
Series R-L, R-PL, R-M, R-PM, F-L, F-PL, F-M, F-PM (single tank)		C-36	C-54	S-36	S-54	PMG-200	(2)PMG-200
Series XF-L, XF-PL, XF-M, XF-PM (single tank)		(2)C-36		(2)S-36			
Series R-E, R-PE, XF-PEE, XF-PLL, XF-PMM, XF-EEE, XF-LLL, XF-MMM (multi-tank) (Flight-A-Round) and RA (Rack-A-Round) use comparable "F" listing.		C-45	(2)C-30	S-45	(2)S-30	PMG-200	(2)PMG-200
CHAMPION		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
U-H1, UH-200, UH-200B, U-HB		C-4	C-6	S-6	S-6	PMG-60	PMG-60
UL-150		C-4	C-7	S-6	S-7	PMG-60	PMG-60
UH-150, UH-150B, UH-100, UH-100B, DHB-VS		C-5	C-9	S-6	S-9	PMG-60	PMG-60
D-H1, D-HB		C-6	C-12	S-6	S-12	PMG-60	PMG-60
D-H1T, D-HBT		C-7	C-12	S-7	S-12	PMG-60	PMG-60
44 DRWS, 66 DRPWS, 80 DRHDPWS, 70 DRFFPWS		C-9	C-13	S-9	S-13	PMG-60	PMG-100
PP-28		C-9	C-15	S-9	S-15	PMG-60	PMG-60
D-H1C, D-H1TC		C-9	C-18	S-9	S-18	PMG-60	PMG-100
DHB-VS		C-6	C-12	S-6	S-12	PMG-60	PMG-60
DL-1000, DH-1000		C-6	C-12	S-6	S-12	PMG-60	PMG-60
44 DR, 66 DRPW, 80 DRHDFW, 70 DRFFPW		C-12	C-24	S-12	S-24	PMG-60	PMG-100
66 WSPW, 44-WS, 66-WS, 64, 90FFPW, 100HDPW, 86 PW, 84, 106 PW, 120 HDPW, 110 FFPW		C-13	C-24	S-13	S-24	PMG-60	PMG-100
UC-CW6-WS		C-24	C-36	S-24	S-36	PMG-100	PMG-200
US-CW8-WS		C-24	C-39	S-24	S-39	PMG-100	PMG-200
44, 66 PW, 70FFPW, 80HDPW, 54, 76PW, 80FFPW, 90HDPW		C-24	C-45	S-24	S-45	PMG-100	PMG-200
40-KB, 40-KB-2-2, 40-KFWB, 40-KPRB, 40-KPRB-2-2, 40KPRB-2-3, 60-KB, 60-KB-2-2, 60-KFWB, 60-KFWB-2-2, 60-KPRB, 60-KPRB-2-3, 64KB, 64-KB Corner, 64-KPRB, 64-KPRB Corner, 64 Modular, 86 Modular		C-30	C-54	S-30	S-54	PMG-200	PMG-200/100
44-KB, 44-KB Corner, 44-KPRB, 44-KPRB Corner, 54-KB, 54-KB Corner, 54-KPRB, 54-KPRB Corner, 44 Modular, 66 PW Modular, UC** Series 6' Center, UC-C4		C-36	C-57	S-36	S-57	PMG-200	PMG-200/100
UC-CW4		C-36	(2)C-36	S-36	(2)S-36	PMG-200	PMG-200/100
UC-C		C-45	(2)C-36	S-45	(2)S-36	PMG-200	PMG-200/100
UC**CW Series 6' Center		C-45	(2)C-39	S-45	(2)S-39	PMG-200	(2)PMG-200
W-6-WS		C-45	(2)C-45	S-45	(2)S-40	PMG-200	(2)PMG-200
CMA DISHMACHINES		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
CMA-180		C-7	C-12	S-7	S-12		
CMA-44H with tank heater, CMA-66H		C-36	C-45	S-36	S-45	PMG-100	PMG-200
HOBART		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
AM-15F		C-4	C-6	S-6	S-9	PMG-60	PMG-60
LXiC, LXiGC, LX-18C, LX-30C, LX-40C, AM-15F		C-4	C-7	S-6	S-6	PMG-60	PMG-60
LX-30, SR24, SR24H		C-4	C-7	S-6	S-7	PMG-60	PMG-60
LX-18, AM-14F, AM-15, AM-15T		C-5	C-9	S-6	S-9	PMG-60	PMG-60
WM-5C		C-6	C-9	S-6	S-9	PMG-100	
WM-5 (Without sump heater)		C-7	C-12	S-7	S-12		
AM-14T, AM-14TC		C-7	C-12	S-7	S-12	PMG-60	PMG-60
AM-14, AM-14C		C-9	C-12	S-9	S-12	PMG-60	
AM-12, AM-12C*		C-9	C-12	S-9	S-12	PMG-60	PMG-100
UW-50				S-15	S-24		
Opti-RinSe C44A, CRS-66A, CCS-66A, CPW-80A, C54A, CRS-76A, CCS-76A, CPW-90A, C64A, CRS-86A, CCS-86A, CPW-100A, C88A, CRS-110A, CCS-110A, CPW-124A		C-15	C-27	S-15	S-27	PMG-100	PMG-200
C-54A, CRS-76A, CPW-90A, CCS-76A		C-39	(2)C-36	S-39	(2)S-36	PMG-200	PMG-200/100
C-44A, CRS-66A, CCS-66A, CPW-80A, C-64A, CRS-86A, CCS-86A, CPW-100A		C-30	C-54	S-30	S-54	PMG-200	PMG-200/100
C-88A, CRS-110A, CPW-124A, CCS-110A		C-36	C-54	S-36	S-54	PMG-200	PMG-200/100
Opti-RinSe C44AW, CRS-66AW, CCS-66AW, CPW-80AW		C-9	C-15	S-9	S-15	PMG-60	PMG-100
C-44AW, CRS-66AW, CPW-80AW, CCS-66AW		C-12	C-24	S-12	S-24	PMG-100	PMG-100
C-44, CRS-66, CPW-80		C-36	C-54	S-36	S-54	PMG-200	PMG-200/100
C-54, CRS-76, CPW-90		C-54	(2)C-39	S-54	(2)S-39	PMG-200/100	(2)PMG-200
C-64W, CRS-86W, CPW-100W, C-88W, CRS-110W, CPW-124W, CCS-86W		C-24	C-36	S-24	S-36	PMG-100	PMG-200
C-64, CRS-86, CPW-100		C-45	(2)C-36	S-45	(2)S-36	PMG-200	PMG-200/100
FT800W, FT-900W		C-24	C-39	S-24	S-39	PMG-200	PMG-200
FT-600, FT-700		C-54	(2)C-39	S-54	(2)S-39	PMG-200/100	(2)PMG-200
FT800		C-39	(2)C-39	S-39	(2)S-39	PMG-200	(2)PMG-200
Opti-RinSe		C-36	C-57	S-36	S-57	PMG-200	PMG-200/100
FT800S, FT-900S		C-39	(2)C-36	S-39	(2)S-36	PMG-200	PMG-200/100
UTW-28, UTW-28C		C-39	(2)C-36	S-39	(2)S-36	PMG-200	PMG-200/100
FRC and FR (Fast Rack Series) use comparable "C" line listing.				S-18	S-36		

* Model AM-12 with serial no. 12-067-357 or below and model AM-12C with serial no. 12-067-537 or below require slightly larger booster than listed.

OR C Models with serial no. 85-1041605 or greater use Opti-RinSe. S ded area indicates older models prior to Opti-RinSe.

▲ Powermite installations above 2,000 ft. will reduce the above capacities and may require change of pressure and/or orifices in certain models at time of install to meet IAS safety compliance. These modifications are the responsibility of the installer. Consult "Installation and Operating Manual" for sizing adjustments and orifice changes.

DISHWASHER INSINGER	MODEL NUMBER	ELECTRIC COMPACT BOOSTER Temperature Rise		ELECTRIC IMPERIAL BOOSTER Temperature Rise		GAS POWERMITE® BOOSTER▲ Temperature Rise	
		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
GS 302, GS-14		C-4	C-4	S-6	S-6	PMG-60	PMG-60
45SA-5		C-4	C-7	S-6	S-7	PMG-60	PMG-60
Commander 18-5C, 18-5CH, CS-5, CS-5C, CS-5CH, CS-5H		C-6	C-12	S-6	S-12	PMG-60	PMG-60
Commander 18-5, 18-5H, Ensign 40-2		C-6	C-12	S-6	S-12	PMG-60	PMG-100
Admiral 44, 66		C-15	C-27	S-15	S-27	PMG-100	PMG-200
Admiral 44-4, 66-4		C-24	C-36	S-24	S-39	PMG-100	PMG-200
135-20, 185-20, 250-20, 60-20, 85-20, R-106-2		C-24	C-45	S-24	S-45	PMG-100	PMG-200
Speeder 64, 86-3, Century (all), Super 106-2		C-24	C-45	S-24	S-45	PMG-100	PMG-200
Trac 878		C-24	C-36	S-24	S-36	PMG-100	PMG-200
Century 14, Clipper RC-##-RPW-W		C-24	C-39	S-24	S-39	PMG-100	PMG-200
Clipper (all), R106-2, Super 106-2, Trac 321, Trac 321-2/RPW		C-27	C-45	S-27	S-45	PMG-100	PMG-200
Defender-(1)		C-30	C-54	S-30	S-54	PMG-200	PMG-200/100
Defender		C-36	C-54	S-36	S-54	PMG-200	PMG-200
Master (all)		C-36	C-57	S-36	S-57	PMG-200	PMG-200
CA-3				S-9	S-24	PMG-200	
DA-3				(2)S-9	(2)S-24		
For outdated models, consult factory for correct booster.							
JACKSON		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
JP-24, JP-24B, JP-24F, JP-24BF		C-4	C-6	S-6	S-6	PMG-60	PMG-60
24B Series			C-4		S-6		PMG-60
10AB, 10APRB			C-5		S-6		PMG-60
44CE*, 66 CERPW		C-30	C-54	S-30	S-54	PMG-200	
54CE, 76 CERPW		C-36	(2)C-30	S-36	(2)S-30	PMG-200	
64CE, 86 CERPW		C-27	C-39	S-27	S-39	PMG-200	
100		C-12	C-24	S-12	S-24	PMG-100	
100B, 100PRB, 150B, 150PRB			C-9		S-9		
150		C-12	C-18	S-12	S-18		PMG-100
200		C-7	C-12	S-7	S-12	PMG-60	PMG-60
200B			C-6		S-6		PMG-60
Tempstar GPX							PMG-60
Tempstar, Tempstar SDS, Tempstar HH		C-6	C-12	S-6	S-12	PMG-100	PMG-100
TS-44, TS-66		C-24	C-36	S-24	S-36	PMG-100	PMG-200
AJ-44, AJ-66, AJ-80, WH-44, ES-4400, ES-6600 (ECOLAB/JACKSON)		C-24	C-45	S-24	S-45	PMG-100	PMG-200
AJ-54, AJ-76, AJ-90		C-30	C-54	S-30	S-54	PMG-200	PMG-200/100
AJ-64, AJ-86, AJ-100		C-24	C-39	S-24	S-39	PMG-100	PMG-200
* Model #44CE w/SN1999 or below requires larger booster than listed.							
KNIGHT EQUIPMENT LTD.		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
KLE-112-HL		C-7	C-12	S-7	S-12	PMG-60	PMG-60
MEIKO		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
K-44, K-66, K-80		C-24	C-36	S-24	S-36	PMG-100	PMG-200
K-54, K-76, K-90, K-64, K-86, K-100		C-24	C-45	S-24	S-45	PMG-100	PMG-200
METALWASH/INTEDGE		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
FW4		C-12	C-18	S-12	S-18	PMG-60	PMG-100
RS-30A, RS-28L				S-15	S-24		
RT-74, RT-60, RT-42B, RT-42BC				S-27	S-40		
RS-2R				S-30	S-45		
STERO		22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)	22°C (40°F)	39°C (70°F)
SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-76SC-LW, SCT-90S-LW		C-12	C-24	S-12	S-24	PMG-60	PMG-100
SC-1-2-4-LW, SC-1-6-4-LW, SC-2-4-LW, SC-5-2-4-LW, SC-5-6-4-LW, SC-6-4-LW		C-24	C-45	S-24	S-45	PMG-100	PMG-200
SCT-64, SCT-86S, SCT-94S, SCT-94SC		C-24	C-39	S-24	S-39	PMG-100	PMG-200
SCT-108S, SCT-108SC, SCT-76, SCT-94SM		C-27	C-54	S-27	S-54	PMG-200	PMG-200/100
SC-6-4, SCT-44, SCT-44-10, SCT-66S, SCT-76S, SCT-76SC, SCT-90S		C-30	C-54	S-30	S-54	PMG-200	PMG-200/100
SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM		C-36	C-57	S-36	S-57	PMG-200	PMG-200/100
STW-110, SC-1-2-7-4, SC-1-6-3-4, SC-1-6-7-4, SC-2-7-4, SC-5-2-7-4, SC-5-6-3-4, SC-5-6-7-4, SC-6-3-4, SC-6-7-4		C-39	(2)C-36	S-39	(2)S-36	PMG-200	PMG-200/100
SC-1-2-4, SC-1-6-4, SC-2-4, SC-5-2-4, SC-5-6-4		C-45	(2)C-36	S-45	(2)S-36	PMG-200	(2)PMG-200
SCT-44-10-SC-1-3-4, SCT-44-10-3-4, SCT-44-SC-1-3-4, SCT-44-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-76S-SC-3-4		C-45	(2)C-36	S-40	(2)S-36	PMG-200	(2)PMG-200
STPC (Four tank)		C-24	C-39	S-24	S-39	PMG-100	PMG-200
STPCW (Four tank)		C-24	C-45	S-24	S-40	PMG-100	PMG-200
STPC		C-27	C-54	S-27	S-54	PMG-200	PMG-200/100
STPCW		C-36	(2)C-30	S-36	(2)S-30	PMG-200	PMG-200/100
SCBT		C-45	(2)C-36	S-40	(2)S-36	PMG-200	PMG-200/100
SF-1RA, SC20-1		C-7	C-12	S-7	S-12	PMG-60	
SF-2RA, SF-2DRA, SD-2RA, SDRA, SDRA-PACK		C-12	C-18	S-12	S-18	PMG-60	PMG-100
SCT-54, SCT-76SM		C-36	C-57	S-36	S-57	PMG-200	(2)PMG-200
SCT-76, SCT-80, SCT-94, SCT-108, SCT-120		C-45	C-57	S-45	S-57	PMG-200	(2)PMG-200
U-31-A, U-31-AC				S-18	S-36	PMG-100	PMG-200
U-31-A2		C-45	(2)C-36	S-45	(2)S-36	PMG-200	(2)PMG-200
STBUW-14		C-57	(2)C-54	S-57	(2)S-54		
SC-2-3-4, SC-5-2-3-4		C-30	(2)C-27	S-30	(2)S-27	PMG-200	
SC20-2		C-12	C-24	S-12	S-24		PMG-100
SC-2-8, SC-2-9, SC-1-2-8, SC-5-6-8, SC-6-8, SC-6-9, SC-1-6-8, SC-5-6-9, SC-5-2-9, SC-1-6-9, SC-5-2-8		C-18	C-36	S-18	S-36	PMG-100	PMG-200

▲ Powermite installations above 2,000 ft. will reduce the above capacities and may require change of pressure and/or orifices in certain models at time of install to meet IAS safety compliance. These modifications are the responsibility of the installer. Consult "Installation and Operating Manual" for sizing adjustments and orifice changes.

This selector chart is based on 22°C (40°F) and 39°C (70°F) temperature rises, 138kPa (20 psi) flow pressure, and minimum rinse cycle timer setting in NSF listing.

All booster heaters are rated at 100% of the capacity of the dishwashers as recommended by the National Sanitation Foundation. Where make-up water for wash tank is provided from final rinse supply, chart recommendations are based upon this additional demand (not over 8 LPM (2 GPM)) as required by NSF.

All sizings shown are that of the dishwasher manufacturers. Hatco Corporation is not responsible for incorrect sizing applications.

SIZING CALCULATION

RULE OF THUMB FOR HATCO ELECTRIC BOOSTER WATER HEATERS:

$$\frac{LPH}{38} = \text{KW } 22^\circ\text{C rise}$$

$$\left(\frac{GPH}{10}\right) = \text{KW } 40^\circ\text{F rise}$$

EX-WORKS
STURGEON BAY, WI 54235 U.S.A.



OCTOBER 1, 2008
TELEPHONE: (414) 671-6350
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The patented Hatco 3CS2 Hydro-Heater concept features a tubular water chamber with heating elements uniquely wrapped outside the flow tube so elements do not come in

contact with the water, eliminating sediment and lime buildup, resulting in longer life. An electronic controller with digital display maintains an accurate setpoint temperature.

SANITIZING SINK HEATER

Model	kW	List Price	Phase	Dimensions (W x D x H)	Sink Area	Ship Weight
3CS2-3	3	\$1821.	1	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	381 mm (15") Sq. or less	11 kg (24 lbs.)
3CS2-4	4	1839.	1	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	406-457 mm (16"-18") Sq.	11 kg (24 lbs.)
3CS2-6	6	1969.	1	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	483-533 mm (19"-21") Sq.	12 kg (27 lbs.)
3CS2-3B	3	2045.	Balanced 3	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	381 mm (15") Sq. or less	11 kg (24 lbs.)
3CS2-4B	4	2045.	Balanced 3	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	406-457 mm (16"-18") Sq.	11 kg (24 lbs.)
3CS2-6B	6	2045.	Balanced 3	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	483-533 mm (19"-21") Sq.	12 kg (27 lbs.)
3CS2-9B	9	2045.	Balanced 3	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	533-635 mm (21"-25") Sq.	12 kg (27 lbs.)

All Sink Heater Models Feature:

Voltage:208 or 240, 50/60Hz, standard.
 Models Shipped with:Stainless steel front, powder-coated body,
 low-water cut-off, and electronic temperature monitor.

OPTIONS (NOT FOR RETROFIT) –

SSBODYAll Stainless Steel Body and Base\$88.
 AUTOFILLAuto-fill Solenoid263.
 REMOTERemote Mounted Control.....210.
 HH-SECURITYSecurity Package (Torx screws and control cover)131.

ACCESSORIES –

FR2-FLUSHFlush Hose, Cleaning Brush, Stopper, and Adapter\$48.



Model 3CS2-3 with optional auto-fill solenoid

SIZING INFORMATION

For a Sink Heater: 2,2 watts per square cm (2000 watts per square foot) of vessel top.

3CS2 Sink Heaters are sized based on 60°C (140°F) supply water with a 30 minute preheat period to reach the sanitizing temperature. Sink Heaters are mounted in the center of the third compartment sink with standard plumbing fittings provided. Two 51 mm (2") diameter holes are required for these fittings and a full size template is provided to locate holes in the sink. The 3CS2 Sink Heater is easily attached to the plumbing fittings with self-contained unions.

FR2 Hydro-Heater Food Rethermalizer/Bain-Marie Heaters

The patented Hatco FR2 Hydro-Heater concept features a tubular water chamber with heating elements uniquely wrapped outside the flow tube so elements do not come in

contact with the water, eliminating sediment and lime buildup, resulting in longer life. An electronic controller with digital display maintains an accurate setpoint temperature.

FOOD RETHERMALIZER/BAIN-MARIE HEATER

Model	kW	List Price	Phase	Dimensions (W x D x H)	Ship Weight
FR2-3	3	\$1821.	1	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	11 kg (24 lbs.)
FR2-4	4	1839.	1	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	11 kg (24 lbs.)
FR2-6	6	1969.	1	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	12 kg (27 lbs.)
FR2-3B	3	2045.	Balanced 3	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	11 kg (24 lbs.)
FR2-4B	4	2045.	Balanced 3	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	11 kg (24 lbs.)
FR2-6B	6	2045.	Balanced 3	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	12 kg (27 lbs.)
FR2-9B	9	2045.	Balanced 3	187 x 435 x 314 mm (7 ³ / ₄ " x 17 ¹ / ₈ " x 12 ³ / ₈ ")	12 kg (27 lbs.)

All Food Rethermalizer Models Feature:

Voltage:208 or 240, 50/60Hz, standard.
 Models Shipped with:Stainless steel front, powder-coated body,
 low-water cut-off, and electronic temperature monitor.

OPTIONS (NOT FOR RETROFIT) –

SSBODYAll Stainless Steel Body and Base\$88.
 AUTOFILLAuto-fill Solenoid263.
 REMOTERemote Mounted Control.....210.
 HH-SECURITYSecurity Package (Torx screws and control cover)131.

ACCESSORIES –

FR-3-CAP1219 mm (48") Cord with Plug (NEMA 6-20P) and Receptacle (NEMA 6-20R) (FR2-3 only)\$48.
 FR-4-CAP1219 mm (48") Cord with Plug (NEMA 6-30P) and Receptacle (NEMA 6-30R) (FR2-4 only)94.
 FR2-FLUSHFlush Hose, Cleaning Brush, Stopper, and Adapter48.



Model FR2-3 with optional auto-fill solenoid

SIZING INFORMATION

For a Bain-Marie or steam table: minimum 0,8 watts per square cm (750 watts per square foot) of vessel top.

For a Food Rethermalizer: minimum 2,2 watts per square cm (2000 watts per square foot) of vessel top.

Use one FR2 for a Bain-Marie up to 1829 mm (72") long. Over 1829 mm (72"), minimum two required.

MUST BE INSTALLED WITH A PERFORATED WATER BAFFLE. This baffle is not supplied with heater. The FR2 should be positioned with no more than 914 mm (36") on either side when mounted in holding vessel. Consult factory or installation manual for fabricating details.

EX-WORKS
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