

# Electric Booster Heater

# For Use In Commercial Kitchens And Restaurants To Supply 180°F Sanitizing Rinse Water

#### **FEATURES**

#### Heavy Duty Construction

- √ All stainless steel tank construction does not require an internal lining
- ASME Section VIII stamped construction provides for extended tank life
- Exterior surfaces including the jacket, base and front cover are all brushed stainless steel for improved appearance and longevity

#### Advanced Design

- Advanced electronic temperature control with digital display confirms at a glance proper operation and temperature setting
- Visual indication of exact set point temperature as well as fault conditions provides instant feedback
- √ Electronic leak detection system notifies user in the event of an internal water leak
- Factory packaged resettable circuit breakers for internal over current protection save time and money compared to one shot fuses
- A bronze body (not cast iron) pressure reducing valve is factory supplied with each booster.
- √ Designed for ease of service, no electrical component needs to be removed to replace any other part
- √ Screw plug elements with O-ring gasket reduce leakage problems associated with less reliable and more difficult to service flange type heating elements.

#### Reliable

- Overall dimensions and connection locations are compatible with other popular brands to facilitate direct replacement without modification to the existing plumbing.
- Environmentally friendly CFC/HCFC free closed cell foam insulation minimizes tank heat loss for maximum operating efficiency and reduced operating costs
- √ Full ten (10) year (non pro-rated) tank warranty













# A Long Lasting Booster Heater

The Hubbell J Model is the longest lasting booster heater available because it utilizes a heavy duty ASME Section VIII designed, constructed and stamped all stainless steel tank which does not require an internal tank lining. Other manufacturers use a non ASME steel tank with an internal lining which is easily eroded in high temperature water and eventually leaves the bare steel tank exposed to the corrosive effects of water. Once this occurs it is only a short time before a steel tank will begin to rust, leak, and need replacement. Hubbell did not stop at improving just the tank design. For improved appearance and longevity the Hubbell booster

comes standard with a brushed stainless steel outer jacket and base which is impervious to the corrosive effects of water and looks great in your kitchen. The Hubbell booster is also equipped as standard with the advanced functionality of an electronic temperature controller to provide accurate, reliable and energy efficient operation while simplifying service work. The Hubbell booster's closed cell foam insulation also improves operating efficiency and reduces the cost of operation. When you specify and install a Hubbell booster heater, you will have confidence in knowing that the owner will be provided with a long lasting and trouble-free source for 180°F water.



# Why Install A Hubbell Booster Water Heater?

#### 1 Improved Longevity

The Hubbell booster heater is designed to provide many years of operation. The tank is all stainless steel construction and is designed, constructed and stamped in strict conformance to ASME Section VIII.

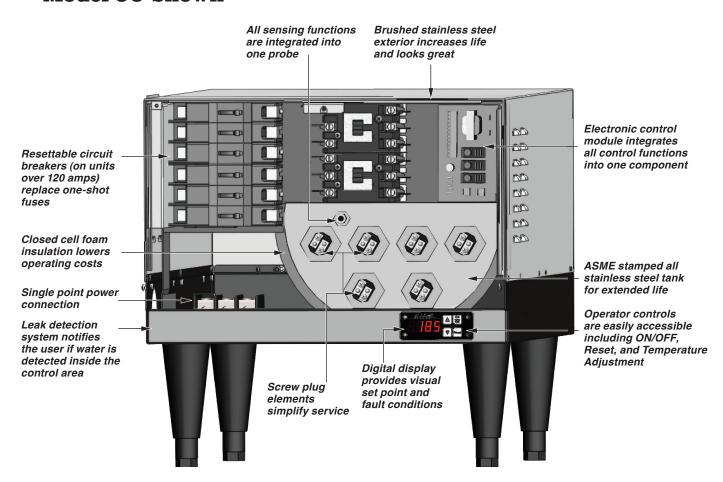
#### 2 Lower Operating Costs

The Hubbell booster tank is encapsulated in environmentally friendly CFC/HCFC free closed cell foam insulation to minimize stand-by heat loss. This high quality insulation reduces heat loss compared to fiberglass type insulation found in other brands.

#### 3 Reduced Service and Maintenance Costs

Hubbell has greatly simplified booster heater service and maintenance through numerous advancements in booster design and controls. The Hubbell controller is a major step forward with improved ease of use and service. The digital display provides the owner and technician with an exact set point temperature as well as visual error indication. Because the controller can be set to the exact desired temperature in degrees - there is no more hotter/colder calibration. It also includes a leak detection system to notify the user in the event of an internal leak. For further ease of service and maintenance, all controls are mounted such that when a component is removed for service no other component needs to be removed, and all sensing functions have been consolidated into one probe, which can be replaced without draining the tank. The heating element and sensing probe are straight thread screw types that utilize an O-ring to minimize leakage problems as is common with flat gaskets and NPT connections.

#### Model J6 Shown



Note: All components are removable without disturbing any other component



# **Model Number Selection Chart With Amperage**

		C1 (5)									_				
age L	400.1/					age and Pl		000 1/	_					nd Pha	_
city _	120 V	208		240		480 V	480 V	600 V	120 V	208		240			_
_	<b>1</b> Φ	<b>1</b> Φ	<b>3</b> Φ	<b>1</b> Φ	<b>3</b> Φ	3 Ф	<b>1</b> Φ	3 Ф	<b>1</b> Φ	<b>1</b> Φ	<b>3</b> Φ	<b>1</b> Φ	3Ф	<b>3</b> Φ	3 Ф
	J32.9A	_		_	_	_	_	_	24	_		_		_	<u> </u>
<u> </u>	J35.7A	_	_	_	_	_	_	_	48	_		_		_	-
ons –	-	J39.9RS	J39.9R	_	_	_	_	_		48	28			_	<u> </u>
$\vdash$	-	J310.4RS	J310.4R	_	_	_	_	_	_	50	29			_	-
_	-	-		J311.4S	J311.4T	J311.4T4	_	J311.4T6	_	_		48	27	14	11
$\vdash$	-	J411RS	J411R	_	_	_	_	_		54	31	_	_	_	_
ons _	-	_	_	J411RS	J411R	J415T4	_	_		_		63	36	18	
	-	_	J427R	_	J427T	J427T4	_			_	75	_	65	33	_
	J61A	_	_	_	_	_	_	_	8	_	_	_		_	_
L	J61.5A	-	-	_	_	_	_	_	13	_	_				
L	J62A	_	_	_	_	_	_	_	17	_		_		_	_
	J63A	_	_	_	_	-	_	_	25	_	_	_		_	_
	-	J64RS	_	J64S	_	_	J64T4S	_	_	19		17		_	_
	_	J65RS	_	J65S	_	_	J65T4S	_	_	24	_	21	_	_	_
	-	J66RS	J66R	J66S	J66T	J66T4	_	J66T6	_	29	17	25	14	7	6
	-	J67RS	J67R	J67S	J67T	J67T4	_	J67T6	_	34	19	29	17	8	7
	-	J69RS	J69R	J69S	J69T	J69T4	_	J69T6	_	43	25	38	22	11	9
	-	J610RS	J610R	J610S	J610T	J610T4	-	J610T6	-	50	29	44	25	13	10
	-	J612RS	J612R	J612S	J612T	J612T4	_	J612T6	_	58	33	50	29	14	12
	_	J613RS	J613R	J613S	J613T	J613T4	_	J613T6	_	65	38	56	33	16	13
ons _	-	J615RS	J615R	J615S	J615T	J615T4	_	J615T6	_	72	42	63	36	18	14
	_	J618RS	J618R	J618S	J618T	J618T4	_	J618T6	_	87	50	75	43	22	17
	_	J624RS	J624R	J624S	J624T	J624T4	_	J624T6	_	115	67	100	58	29	23
	_	J627RS	J627R	J627S	J627T	J627T4	_	J627T6	_	130	75	113	65	33	26
	_	J630RS	J630R	J630S	J630T	J630T4	_	J630T6	_	144	83	125	72	36	29
	_	J636RS	J636R	J636S	J636T	J636T4	_	J636T6	_	173	100	150	87	43	35
	_	J639RS	J639R	J639S	J639T	J639T4	_	J639T6	_	188	108	163	94	47	38
	_	J640RS	J640R	J6040S	J640T	J640T6	_	J640T6	_	195	113	169	98	49	39
	_	_	J645R	J645S	J645T	J645T4	_	J645T6	_	_	125	188	108	54	43
	_	_	J654R	_	J654T	J654T4	_	J654T6		_	150	_	130	65	52
	_	_	J658R	_	J658T	J658T4	_	J658T6	_	_	163	_	141	70	56
	J161A	_	_	_	_	_		_	8	_	_	_		_	_
	J161.5A	_	_	_	_	_	_	_	13	_		_	_	_	<u> </u>
	J162A	_	_	_	_	_	_	_	17	_				_	
	J163A	_	_	_	_	_		_	25	_			_	_	
	_	J164RS	_	J164S	_	_	J164T4S	_	_	19	_	17	_		
H	_	J165RS	_	J165S	_	_	J165T4S	_	_	24	_	21	_	_	
		J166RS	J166R	J166S	J166T	J166T4	3103143	J166T6	_	29	17	25	14	7	6
	_						_			34	19		17	8	7
-	_	J167RS J169RS	J167R J169R	J167S J169S	J167T J169T	J167T4 J169T4	_	J167T6 J169T6	_	43	25	29 38	22	11	9
			J1610R										25		_
	_	J1610RS	J1610R J1612R	J1610S	J1610T	J1610T4	_	J1610T6	_	50	29	44 50		13	10
3 <b>-</b>		J1612RS		J1612S	J1612T	J1612T4		J1612T6		58	33	50	29 33	14	12
ons _	_	J1613RS J1615RS	J1613R J1615R	J1613S	J1613T	J1613T4	_	J1613T6 J1615T6	-	65 72	42	56 63	36	16	13
	_			J1615S J1618S	J1615T	J1615T4	_			72		63		18	
-		J1618RS	J1618R		J1618T	J1618T4	_	J1618T6		115	50 67	75	43	22	17
	-	J1624RS	J1624R	J1624S	J1624T	J1624T4	_	J1624T6		115	67	100	58	29	23
-	-	J1627RS	J1627R	J1627S	J1627T	J1627T4	_	J1627T6	_	130	75	113	65	33	26
	-	J1630RS	J1630R	J1630S	J1630T	J1630T4	_	J1630T6	_	144	83	125	72	36	29
	-	J1636RS	J1636R	J1636S	J1636T	J1636T4	_	J1636T6	_	173	100	150	87	43	35
		J1639RS	J1639R	J1639S	J1639T	J1639T4	_	J1639T6	_	188	108	163	94	47	38
-		J1640RS	J1640R	J1640S	J1640T	J1640T4	_	J1640T6	_	195	113	169	98	49	39
-	-	_	J1645R	J1645S	J1645T	J1645T4	_	J1645T6	_	_	125	188	108	54	43
	-	_	J1654R	_	J1654T	J1654T4	_	J1654T6	_		150	_	130	65	52
_	-	_	J1658R	_	J1658T	J1658T4	_	J1658T6	_	_	163		141	70	56
$\vdash$	-	_	J1664R	_	-	-	_		_	_	178	_	-	-	-
,  -	-	_	_	_	J1668T	J1668T4	-	J1668T6	_	_	_	_	164	82	66
ons _	-	_	J1681R	_	J1681T	J1681T4	_			_	225	_	195	98	<del>  -</del>
<u> </u>	-	_	J1686R	_	-	-	_	J1686T6	_	_	239	_	-	-	83
_	-	_		_	J1688T	J1688T4	_	_					212	106	-
						Notes	Noton	Notes	Notes	Notes	Notes:	Notaci	Notaci	Notaci	Notaci

- 1. The 6, 7, and 9KW models in 208 and 240 volt can be field converted from either 1 phase to 3 phase or from 3 phase to 1 phase
- 2. All 3 phase units are factory wired as a balanced 3 phase unit.

  3. Models are also available in 380, 415, 440 and 575 volt.

  Please consult factory for exact KW selection in these voltages.



Recovery Ratings 1-58.5kW								
			Recovery Ra	ate in GPH at	°F Temperat	ure Rise (ΔT)		
KW Rating	20° ΔΤ	30° ΔΤ	40° ΔΤ	60° ΔΤ	70° ΔΤ	80° ΔΤ	110° ΔΤ	140° ΔΤ
1	20	14	10	7	6	5	4	3
1.5	31	20	15	10	9	8	6	4
2	41	27	20	14	12	10	7	6
3	61	41	31	20	18	15	11	9
4	82	55	41	27	23	20	15	12
5	102	68	51	34	29	26	19	15
6	123	82	61	41	35	31	22	18
7	143	96	72	48	41	36	26	20
9	184	123	92	61	53	46	33	26
10.5	215	143	107	72	61	54	39	31
12	246	164	123	82	70	61	45	35
13.5	276	184	138	92	79	69	50	39
15	307	205	154	102	88	77	56	44
18	368	246	184	123	105	92	67	53
24	491	328	246	164	140	123	89	70
27	553	368	276	184	158	138	100	79
30	614	409	307	205	175	154	112	88
36	737	491	368	246	211	184	134	105
39	798	532	399	266	228	200	145	114
40.5	829	553	415	276	237	207	151	118
45	921	614	461	307	263	230	167	132
54	1105	737	553	368	316	276	201	158
58.5	1198	798	599	399	342	299	218	171

Recovery Ratings 64-88 kW								
64	1310	873	655	437	374	328	238	187
68	1392	928	696	464	398	348	253	199
81	1658	1105	829	553	474	415	301	237
86	1761	1174	880	587	503	440	320	252
88	1802	1201	901	601	515	450	328	257

## Formulas To Solve For:

#### RECOVERY

GPH x \_\_\_\_\_\_  ${}^{\circ}F \Delta T \times 0.00244 = KW$ KW x 410  $\div$  GPH = \_\_\_\_\_\_^F  $\Delta$ T

KW x 410  $\div$  \_\_\_\_\_ °F  $\Delta$ T = GPH **Note:** 1 KW will heat 4.1 GPH at a  $100^{\circ}$ F  $\Delta$ T

 $\frac{\text{KW} \times 1000}{\div}$   $\div$  1.73 = Amps 3 Phase

 $\frac{\text{KW x 1000}}{\text{Masse}} = \text{Amps 1 Phase}$ Volts

**ELECTRICAL** 

#### METRIC CONVERSION

Liters x 0.2641 = Gallons Gallons x 3.79 = Liters Gallons x  $0.003785 = m^3$  $m^3 \times 264.2 = Gallons$  $1^{\circ}F \Delta T = 1.8^{\circ}F \Delta T$ 

 $^{\circ}F = (^{\circ}C \times 1.8) + 32$  $^{\circ}C = (^{\circ}F - 32) \times 0.556$  $psi \times 0.06896 = Bar$ Bar x 14.5 = psipsi x 6.86 = kPa

 $kPa \times 0.1456 = psi$ Lbs x 0.4536 = Kg $Kg \times 2.2 = Lbs$ Watts/Sq.Cm.  $\times$  6.4 = Watts/Sq.In. Watts/Sq.In. x 0.155 = Watts/Sq.Cm.

#### **Voltage De-Rating Factors**

Rated Voltage	Applied Voltage	KW De-Rating Factor
600	575	92%
600	550	84%
480	460	92%
480	440	84%
240	230	92%
240	220	84%

When the actual supply voltage (applied voltage) is different than the booster design voltage (rate voltage) the resulting KW output will be affected. Please see the chart for typical voltage de-rating factors, or use the following formula:

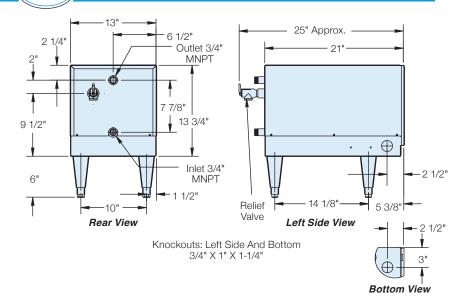
Applied Votage<sup>2</sup> x Rated KW = KW output at applied voltage Rated Voltage<sup>2</sup>



# Model (J6) - (1 to 18kW) Dimensions



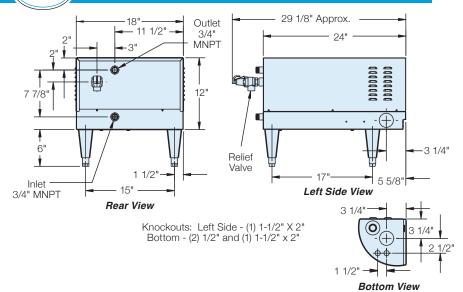
Shipping Weight: 95 lbs.



# Model (J6) - (24 to 58.5 kW) Dimensions



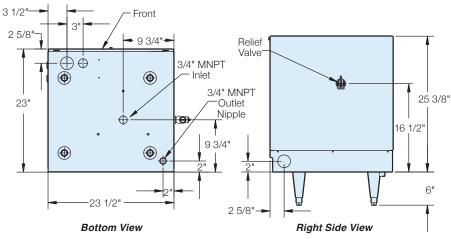
Shipping Weight: 110 lbs.



# Model (J16) - (1 to 58.5kW) Dimensions



Shipping Weight: 160 lbs.



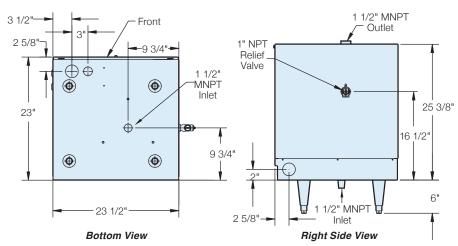
Knockouts: Left Side - 1-1/2" X 2" Bottom - 1-1/2" X 2" and 3/4" X 1" X 1-1/4"



# Model (J16) - (64 to 88kW) Dimensions



Shipping Weight: 195 lbs.

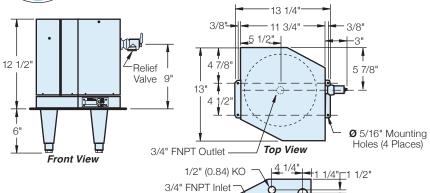


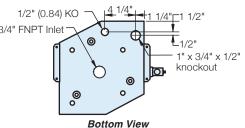
Knockouts: Left Side - 1-1/2" X 2" Bottom - 1-1/2" X 2" and 3/4" X 1" X 1-1/4"

# Model (J3) - (2.9 to 11.4kW) Dimensions



Shipping Weight: 46 lbs. Note: Shown with optional legs

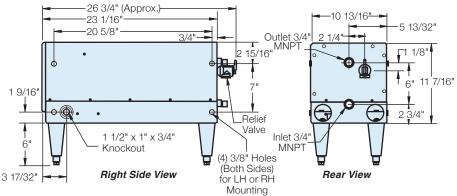


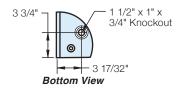


# Model (J4) - (11.3 to 27kW) Dimensions



Shipping Weight: 80 lbs. Note: Shown with optional legs

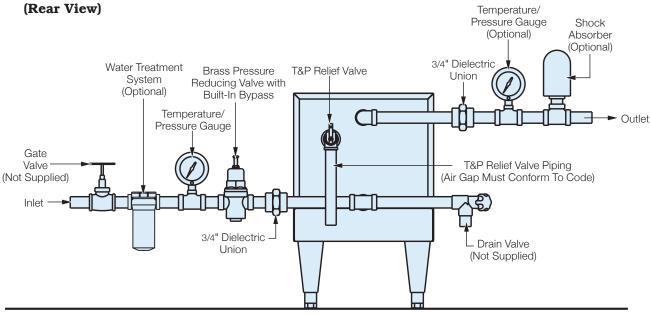


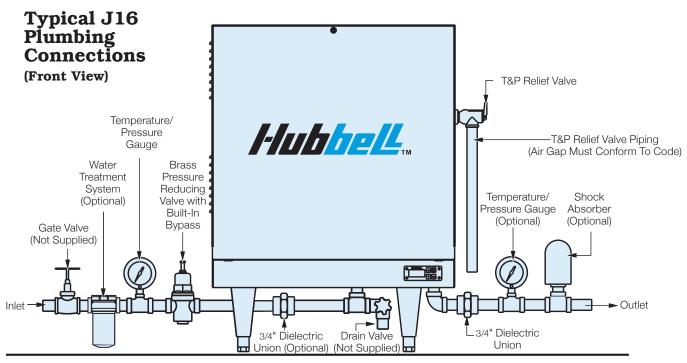




## **Typical Installation Diagrams**

# Typical J6 Plumbing Connections (Rear View)





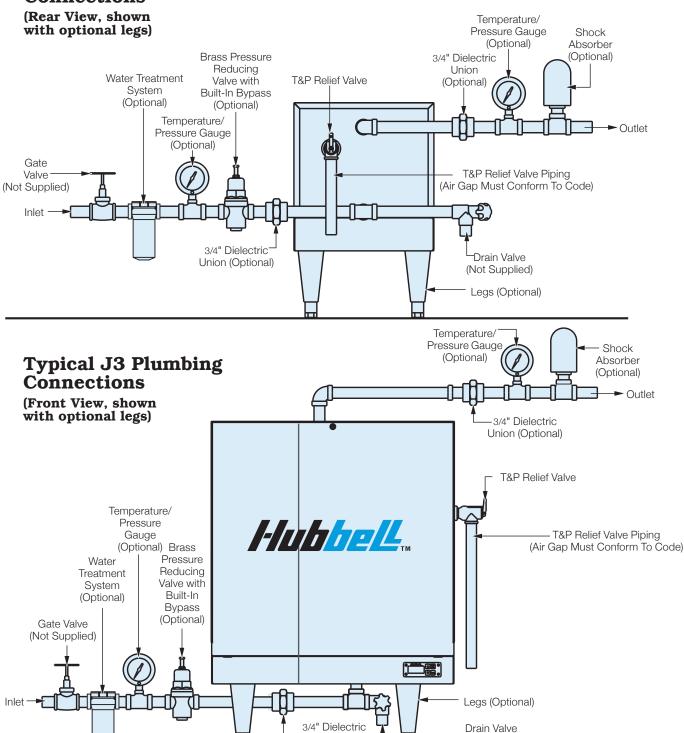
# **Plumbing Notes:**

- 1. Dielectric unions as supplied must be installed in the inlet and outlet piping to prevent electrolysis.
- 2. No check valve may be installed in the supply line to the booster.
- 3. All shut off valves must be gate or ball valves not globe valves.
- 4. The brass pressure reducing valve with built-in bypass is adjustable from 25 to 75 psi.
- 5. To minimize heat loss and maximize efficiency, hot water piping should be insulated.



# **Typical Installation Diagrams**

# Typical J4 Plumbing Connections



# **Plumbing Notes:**

1. Dielectric unions are recommended for installation in the inlet and outlet piping to prevent electrolysis.

Union (Optional)

(Not Supplied)

- 2. No check valve may be installed in the supply line to the booster.
- 3. All shut off valves must be gate or ball valves not globe valves.
- 4. The brass pressure reducing valve with built-in bypass is adjustable from 25 to 75 psi.
- **5.** To minimize heat loss and maximize efficiency, hot water piping should be insulated.



#### J Model Standard Accessories

#### J6 and J16 Boosters

- √ T&P Relief Valve
- ✓ Brass pressure reducing valve with built-in bypass
- √ (4) NSF approved plastic legs
- √ (1) Combination temperature and pressure gauge
- √ (2) Dielectric Unions

#### J4 Boosters

- √ T&P Relief Valve
- √ Side mounting bracket for securing booster to left or right hand side of dish machine

#### J3 Boosters

- √ T&P Relief Valve
- √ 24 volt booster heater interlock adapter

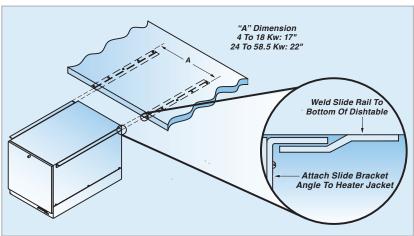
**Note:** Any and all optional accessories for a Hubbell booster heater must be called out in the written specifications. A model number in and of itself does not reflect any optional accessoties selected.

## **Optional Accessories**

- Slide Brackets: Available for the J6 model only, these brackets allow for mounting the booster heater under a counter. See slide bracket diagram for details.
- 2. Shock Absorber: Reduce the harmful pressures resulting from quick closing dishwasher solenoid valves by installing a shock absorber between the booster and the dishwasher.
- 3. Tamper Resistant Package: For prison and other secure facilities a tamper resistant package is available with all hardware tamper resistant type. Includes standard plastic legs unless otherwise specified.
- 4. Protective Cover: Keep your Hubbell booster free from dirt, debris, chemicals and excessive water with this removable form fitted protective cover. Velcro fasteners make it easily installed and simple to remove when service is required. Clear window allows visibility of Hubbell booster digital display.
- 5. Alternate Legs: Please specify type: Nickel plated die cast, stainless steel, stainless steel with flanged base for floor mounting.
- 6. 24 Volt Heater Interlock Adapter: An optional plug adapter that interlocks the heater via a 24-Volt signal through the J1 connector on the control board (standard on the J3).

- 7. Water Treatment System: Provide superior mineral scale prevention and corrosion control by feeding a special blend of scale control compounds into the hot water stream before the booster. The in-line system to include a clear cartridge housing to allow an operator to view the cartridge and determine when it needs replacement without the need to open the system.
- 8. Alternative Voltages: Hubbell booster heaters are available in alternate voltages including 380, 415, 440 and 575 volt. Please contact factory for kW selection.
- 9. Low Temperature Interlock: This device is built into the booster and monitors water temperature and will trip an SPDT relay when water temperature drops below a set point (150 180°F) thereby preventing final rinse from activating.
- □ 10. Remote Alarm Adapter: This device installs into the Hubbell controller and provides remote alarm capability to indicate a reset fault condition. Common/N.O./N.C. rated 220 VDC, 250 VAC, 2 amp max.
- 11. Remote Control Panel: This device allows you to install the booster in one location and have complete control of it (on/off, temperature adjustment, reset and temperature indication) from another location (200 feet maximum). Remote control panel is 5" x 2" x 3" and NEMA 4 rated.

#### J6 Slide Bracket Detail





# Water Quality Requirements

Recommended water hardness is 4 to 6 grains of hardness per gallon (GPG). Water hardness above 6 GPG should be treated by a water conditioner (water softener or in-line treatment). Water hardness below 4 GPG also requires treatment to reduce potential corrosion. Excessive GPG will result in higher operating and maintenance costs and will reduce product longevity.

Chlorides must not exceed 50 parts per million (ppm). Excessive chlorides will result in metallic corrosion and will reduce product longevity.

Water treatment has been shown to reduce costs associated with deliming the booster as well as reducing metallic corrosion. Product failure caused by these conditions is not covered under warranty. See warranty for complete details.

# Booster Sizing for a Low Temp Dishmachine

Chemical low-temp dishwashers are most effective when supplied with 140°F hot water. This water temperature may not be available due to an undersized primary water heater or local safety code. Hubbell J model boosters can operate as a pre-heater for chemical low-temp dishwashers to provide an adequate supply of 140°F hot water for proper operation. For temperatures other than the factory setting of 185°F, simply set the digital display to your desired temperature.

To properly size a Hubbell booster heater for

#### low temp use:

- Determine the required temperature rise; the difference in temperature between your supply water temperature to your booster and your desired hot water temperature out of the booster.
- 2. Determine the water usage gallons per hour (GPH) by consulting the dishwasher data plate, literature or NSF listing.
- 3. Select the appropriate kW based on 1 and 2 above using either the formula below or the Recovery Rating Chart on page 4.

# Booster Sizing Formula Required Variables: A. Water usage in GPH B. Supply water temp in °F C. Desired water temp in °F D. Calculate the ΔT (temp rise) by subtracting C - B in °F



		40 °	F Rise	70 °	F Rise		
	Dishwasher	6 Gallon	16 Gallon	6 Gallon	16 Gallon	ı	Dishwasher
	Model Number	Model J6	Model J16	Model J6	Model J16		Model Number
DAMAT	FION CSL-1390, CA-2, CA-3, CA-4, SLAP 44	J639	J1639	(2) J636	(2) J1636	INSINGER	Commander 18-5, 18-5
	CA, CA-1	J654	J1654	(2) J645	(2) J1636 (2) J1645		Admiral 44-4, 66-4
VEY							Speeder 64, 86-3, Centu Trac 321, Trac 321-2/RP
	FLC-10, SL-2S FLC-12, CL-1, CL-1Turntable, SA-5A		J166 J167		J169 J1612		Trac 878 Clipper (all), R106-2, Su
	FL-2S		J169		J1613		Defender
	KS-70, KS70M SB SL-2D		J169 J1613		J1615 J1618		Master (all) CA-3
	FLC-36		J1615		J1627		DA-3
	KS-88 KS-70-N, KS-88-N		J1618 J1639		J1630	JACKSON	JPX-140, JPX-160, JPX-
IERIC.	AN DISH SERVICE	107		1040	14040		TSC-44, TSC-66
	HT-25 ACD-44, ADC-66	J67 J612	J167 J1612	J612 J624	J1612 J1624		H-24, HZ-24, JP-24, JPX JPX-300HN, JPX-300N,
AKES		100	1 1400	1040	1 14040		JP-24B, JP-24F, JP-24B 24B Series
	UC-21 D-8	J66 J69	J166 J169	J612 J613	J1612 J1613		10AB, 10APRB
	Series "R" & "F" -CC, -EE, -LL, -MM, -LLL, -MMM, -PCC, -PEE, -PLL, -PMM	J613	J1613	J624	J1624		200, Huey 165, Supra-0 100B, 100PRB, 150B, 1
	Series XF-LL, XF-PLL, XF-MM, XF-PMM,	J618	J1618	J630	J1630		Tempstar SDS
	XF-EEE, XF-LLL, XF-MMM DD-8	J618	J1618	J630	J1630		10A, 10APRB, 10APRB 300XN, ES-18, ES-18H
	Series R-L, R-PL, R-M, R-PM, F-L, F-PL,	J636	J1636	J654	J1654		Tempstar, Tempstar 30
	F-M, F-PM (single tank) Series XF-L, XF-PL, XF-M, XF-PM, Series XF-PEE, XF-PLL, XF-PMM,	(2) J636	(2) J1636			ı	300X, Tempstar 300XG
	Series XF-PEE, XF-PLL, XF-PMM, XF-EEE, XF-LLL, XF-MMM (multi tank)	J645	J1645	(2) J630	(2) J1630	1	Inferno, Omega HT PH-HT, Performer, Tem
	NOTE: FA (Flight-A-Round) and RA (Rack	-A-Round) us	e comparable	"F" listing.		1	TempStar HH/GPX, Te 200B
AMPI	ON U-H1, UH-200, UH-200B, U-HB	J64	J166	J66	J166		100
	UL-150	J64	J166	J67	J167		150 TS-44, TS-66
	UH-150, UH-150B, UH-100, UH-100B, DHB-VS	J65	J166	J69	J169		AJ-64, AJ-86, AJ-100, C
	D-H1, D-HB	J66	J166	J612	J1612		Type, JFT-G, JFT-S ES-8000, PA-C4, WH-4
	D-H1T, D-HBT PP-28	J67 J69	J167 J169	J612 J615	J1612 J1615		64CE, 86 CERPW AJ-54, AJ-76, AJ-90
	D-H1C, D-H1TC 66 WSPW, 44-WS, 66-WS	J69 J613	J169 J1613	J618 J624	J1618 J1624		44CE*, 66 CERPW
	UC-CW6-WS	J624	J1624	J636	J1636		54CE, 76 CERPW AJ-44, AJ-66, AJ-80, E
	US-CW8-WS 44, 66 PW, 70FFPW, 80HDPW, 54,	J624	J1624	J639	J1639		(ECOLAB/JACKSON) NOTE 1: Model 44CE w
	76PW, 80FFPW, 90HDPW, 64, 90FFPW, 100HDPW, 86PW	J624	J1624	J645	J1645	KNIGHT F	QUIPMENT
	40-KB, 44-KB-2-2, 40-KFWB, 40-KPRB,					MEINO	KLE-112-HL
	40-KPRB-2-2, 40PRB-2-3, 60-KB, 60-KB-2-2, 60-KFWB, 60-KFWB-2-2,	1000	14000	1054	14054	MEIKO	K-44, K-66, K-80
	60-KPRB, 60-KPRB-2-3, 64KB, 64-KB Corner, 64-KPRB Corner, 64-KPRB, 64-	J630	J1630	J654	J1654		K-54, K-76, K-90, K-64,
	KPRB Corner, 64 Modular, 86 Modular					METALWA	ASH/INTEDGE FW4
	44-KB, 44-KB Corner, 44-KPRB, 44-KPRB Corner, 54-KB, 54-KB Corner,	J636	J1636	J658	J1658		RS-30A, RS-28L RT-74, RT-60, RT-42B.
	54-KPRB, 54-KPRB Corner, 44 Modular, 66 PW Modular	3030	31030	3030	31000		RS-2R
	UC-CW4	J636	J1636	(2) J636	(2) J1636	STER0	00T 44 40 LW 00T 44
	UC-C UC** Series 6' Center	J645 J645	J1645 J1645	(2) J636 (2) J639	(2) J1636 (2) J1639		SCT-44-10-LW, SCT-44 SCT-66S-LW, SCT-76S
A DIG	W-6-WS SH MACHINES	J645	J1645	(2) J645	(2) J1640		SCT-76SC-LW, SCT-90 SC-1-2-4-LW, SC-1-6-4
A DIS	CMA-180	J67	J167	J612	J1612		SC-1-6-4-LW, SC-2-4-L
BART	CMA-44H with tank heater, CMA-66H	J636	J1636	J645	J1645		SC-6-4-LW SCT-64, SCT-86S, S
DAIII	_AM-15F	J64	J166	J66	J166		SCT-94SC
	LXiC, LXiGC, LX-18C, LX-30C, LX-40C LX-30, SR24, SR24H	J64 J64	J166 J166	J67 J67	J166 J167		SCT-108S, SCT-108 SCT-94SM
	LX-18	J65	J166	J69	J169		SC-6-4, SCT-44, SC
	AM-15, AM-15T WM-5C	J65 J66	J166 J166	J69 J69	J169 J169		SCT-44-10, SCT-66 SCT-90S
	WM-5 (Without Sump Heater) AM-14T, AM-14F, AM-14TC	J67 J67	J167 J167	J612 J612	J1612 J1612		SCT-120S, SCT-120
	AM-14, AM-14C	J69	J169	J612	J1612		120SM, SCT-150SN STW-110, SC-1-2-7-
	AM-12, AM-12C* UW-50	J69	J169 J1615	J618	J1618 J1624		SC-1-6-7-4, SC-2-7
	Opti-Rinse Models: C44A, CRS-66A,		01010		01021		SC-5-6-3-4, SC-5-0 4, SC-6-7-4
	CCS-66A, CPW-80A, C54A, CRS-76A, CCS-76A, CPW-90A, C64A, CRS-86A,	J615	J1615	J627	J1627		SC-1-2-4, SC-1-6-4 5-2-4, SC-5-6-4
	CCS-86A, CPW-100A, C88A, CRS-110A, CCS-110A, CPW-124A						SCT-44-10-SC-1-3-
	C-54A, CRS-76A, CPW-90A, CCS-76A	J639	J1639	(2) J636	(2) J1636		10-3-4, SCT-44-SC 44-SC-3-4, SCT-54
	C-44A, CRS-66A, CCS-66A, CPW-80A, C-64A, CRS-86A, CCS-86A CPW-100A	J630	J1630	J654	J1654		SCT-54-SC-3-4, SC
	C-88A, CRS-110A, CPW-124A, CCS- 110A	J636	J1636	J654	J1654		STPC (Four Tank)
	Opti-Rinse Models: C44AW, CRS-66AW,	J69	J169	J615	J1615		STPCW (Four Tank) STPC
	CCS-66AW, CPW-80AW C-44AW, CRS-66AW, CPW-80AW,					1	STPCW
	CCS-66AW	J612	J1612	J624	J1624	1	SCBT SCOOL
	C-44, CRS-66, CPW-80 C-54, CRS-76, CPW-90	J636 J654	J1636 J1654	J654 (2) J639	J1654 (2) J1639	1	SF-1RA, SC20-1 SF-2RA, SF-2DRA,
	C-64W, CRS-86W, CPW-100W, C-88W, CRS-110W, CPW-124W, CCS-86W	J624	J1624	J636	J1636	1	SDRA, SDRA-PACE
	C-64, CRS-86, CPW-100	J645	J1645	(2) J636	(2) J1636	1	SCT-54, SCT-76SM
	FT800W, FT-900W	J624 J654	J1624 J1654	J639 (2) J639	J1639 (2) J1639	1	SCT-76, SCT-80, SC 108, SCT-120
			J1639	(2) J639	(2) J1639	1	U-31-A, U-31-AC
	FT-600, FT-700 FT800	J639					11 04 40
	FT-600, FT-700 FT800 FT-900 FT800S, FT-900S	J639 J636 J639	J1636 J1639	J658 (2) J636	J1658 (2) J1636		U-31-A2 STRLIW-14
	FT-600, FT-700 FT800 FT-900 FT-800S, FT-900S Opti-Rinse Models; FT900-10-FPM,	J636	J1636				STBUW-14 SC-2-3-4, SC-5-2-3
	FT-600, FT-700 FT800 FT-900 FT800S, FT-900S	J636 J639	J1636 J1639	(2) J636	(2) J1636		STBUW-14

NOTE 1. FRC and FR (Fast Rack Series) use comparable "C" line listing.

NOTE 2. 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 heater than listed.

NOTE 3. C models with serial no. 85-1041605 or greater use Opti-Rinse

		40 °	F Rise	70 °F Rise		
	Dishwasher	6 Gallon	16 Gallon	6 Gallon	16 Gallo	
	Model Number	Model J6	Model J16	Model J6	Model J1	
SINGE	R Commander 18-5, 18-5H, Ensign 40-2	J66	J166	J612	J1612	
	Admiral 44-4, 66-4	J624	J1624	J636	J1639	
	Speeder 64, 86-3, Century (all)	J624	J1624	J645	J1645	
	Trac 321, Trac 321-2/RPW Trac 878	J627 J624	J1627 J1624	J645 J636	J1645 J1636	
	Clipper (all), R106-2, Super 106-2	J627	J1627	J645	J1645	
	Defender Master (all)	J636	J1636	J654	J1654	
	Master (all) CA-3	J636	J1636 J169	J658	J1658 J1624	
	DA-3		(2) J169		(2) J1624	
CKSO	N JPX-140, JPX-160, JPX-200, JPX-200/2,					
	TSC-44, TSC-66	J64	J166	J64	J166	
	H-24, HZ-24, JP-24, JPX-300H, JPX-300HN, JPX-300N, M-24BF	J64	J166	J65	J166	
	JP-24B, JP-24F, JP-24BF	J64	J166	J66	J166	
	24B Series 10AB, 10APRB			J64 J65	J166 J166	
	200, Huey 165, Supra-Q2020	J66	J166	J69	J169	
	100B, 100PRB, 150B, 150PRB			J69	J169	
	Tempstar SDS	J66	J166	J612	J1612	
	10A, 10APRB, 10APRB-M, 10U, 300X, 300XN, ES-18, ES-18HT, E-xxion, TS-57, Tempstar, Tempstar 300N, Tempstar 300X, Tempstar GPX	J66	J166	J612	J1612	
	Inferno, Omega HT	J67	J167	J612	J1612	
	PH-HT, Performer, TempStar HH, TempStar HH/GPX, TempStar HH/S	J67	J167	J613	J1613	
	200B			J66	J166	
	100	J612	J1612	J624	J1624	
	TS-44, TS-66	J612 J624	J1612 J1624	J618 J636	J1618 J1636	
	AJ-64, AJ-86, AJ-100, JFT, JFT Flight	J624	J1624	J639	J1639	
	Type, JFT-G, JFT-S ES-8000, PA-C4, WH-44, WH 66	J624	J1624	J645	J1640	
	64CE, 86 CERPW	J627	J1627	J639	J1639	
	AJ-54, AJ-76, AJ-90	J630	J1630	J654	J1654	
	44CE*, 66 CERPW 54CE, 76 CERPW	J630 J636	J1630 J1636	J654 (2) J630	J1654 (2) J1630	
	AJ-44, AJ-66, AJ-80, ES-4400, ES-6600	J624	J1624	J645	J1645	
	(ECOLAB/JACKSON) NOTE 1: Model 44CE with serial no.1999 of					
IGHT	EQUIPMENT					
IKO	KLE-112-HL	J67	J167	J612	J1612	
ino	K-44, K-66, K-80	J624	J1624	J636	J1636	
	K-54, K-76, K-90, K-64, K-86, K-100	J624	J1624	J645	J1645	
TALW	<b>/ASH/INTEDGE</b> FW4	J612	J1612	J618	J1618	
	RS-30A, RS-28L		J1615	0010	J1624	
	RT-74, RT-60, RT-42B, RT-42BC		J1615 J1627	0010	J1624 J1640	
ERO	RS-30A, RS-28L RT-74, RT-60, RT-42B, RT-42BC RS-2R		J1615	0010	J1624	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R SCT-44-10-LW, SCT-44-LW,		J1615 J1627 J1630		J1624 J1640 J1645	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-76S-LW, SCT-90S-LW	J612	J1615 J1627	J624	J1624 J1640	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-76SC-LW, SCT-90S-LW SC1-12-4-LW, SCT-64-LW,		J1615 J1627 J1630 J1612	J624	J1624 J1640 J1645 J1624	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-76S-LW, SCT-90S-LW	J612 J624	J1615 J1627 J1630		J1624 J1640 J1645	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-76SC-LW, SCT-90S-LW SCT-2-4-LW, SC-1-6-4-LW, SC-1-6-4-LW, SC-2-6-4-LW, SC-5-6-4-LW,	J624	J1615 J1627 J1630 J1612 J1624	J624 J645	J1624 J1640 J1645 J1624 J1645	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-76SC-LW, SCT-90S-LW SCT-12-4-LW, SC-1-6-4-LW, SC-16-4-LW, SC-2-4-LW, SC-5-6-4-LW, SC-64-LW, SC-86, SCT-94S, SCT-94-SC		J1615 J1627 J1630 J1612	J624	J1624 J1640 J1645 J1624	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-76S-LW, SCT-90S-LW SC1-64-LW, SC1-6-4-LW, SC-64-64-LW, SC-2-4-LW, SC-5-6-4-LW, SC-64-SCT-94SC SCT-94SC SCT-108S, SCT-108SC, SCT-76,	J624	J1615 J1627 J1630 J1612 J1624	J624 J645	J1624 J1640 J1645 J1624 J1645	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-76S-LW, SCT-90S-LW SC-1-2-4-LW, SCT-90S-LW SC-1-2-4-LW, SC-2-4-LW, SC-5-6-4-LW, SC-6-4-LW SCT-64, SCT-86S, SCT-94S, SCT-94SC SCT-108S, SCT-108SC, SCT-76, SCT-94SM	J624 J624	J1615 J1627 J1630 J1612 J1624 J1624	J624 J645 J639	J1624 J1640 J1645 J1624 J1645 J1639	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-76S-LW, SCT-90S-LW SC1-64-LW, SC1-6-4-LW, SC-64-64-LW, SC-2-4-LW, SC-5-6-4-LW, SC-64-SCT-94SC SCT-94SC SCT-108S, SCT-108SC, SCT-76,	J624 J624 J627 J630	J1615 J1627 J1630 J1612 J1624 J1624 J1627 J1630	J624 J645 J639 J654	J1624 J1640 J1645 J1645 J1645 J1639 J1654	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-76S-LW, SC1-64-LW, SC1-6-4-LW, SC-64-LW, SC1-6-4-LW, SC-64-LW, SC-5-6-4-LW, SC-64-LW, SC-94S, SCT-94SC  SCT-108S, SCT-108SC, SCT-76, SCT-94SM SC-64, SCT-44-10, SCT-44-10, SCT-66S, SCT-76S, SCT-90S SCT-120S, SCT-120SC, SCT-120SM	J624 J624 J627	J1615 J1627 J1630 J1612 J1624 J1624 J1627	J624 J645 J639 J654	J1624 J1640 J1645 J1624 J1645 J1639 J1654	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-90S-LW SCT-168S-LW, SCT-90S-LW SCT-64-LW, SC-1-6-4-LW, SC-6-4-LW, SC-2-4-LW, SC-5-6-4-LW, SCT-64, SCT-86S, SCT-94S, SCT-94SC SCT-108S, SCT-108SC, SCT-76, SCT-94SM SC-6-4, SCT-44-10, SCT-66S, SCT-76S, SCT-90SM, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-1-6-7-4, SC-2-7-4, SC-1-6-3-4, SC-1-6-7-4, SC-5-6-3-4, SC-5-6-3-4, SC-6-7-4	J624 J624 J627 J630	J1615 J1627 J1630 J1612 J1624 J1624 J1627 J1630	J624 J645 J639 J654	J1624 J1645 J1645 J1645 J1645 J1654 J1654 J1658	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-76S-LW, SCT-76S-LW, SCT-76S-LW, SCT-99S-LW SC1-64-LW, SC-1-6-4-LW, SC-64-LW SCT-64, SCT-86S, SCT-94S, SCT-94SC SCT-108S, SCT-108SC, SCT-76, SCT-94SC SCT-108S, SCT-108SC, SCT-76S, SCT-94SM SCT-44-10, SCT-66S, SCT-76S, SCT-90S SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SC-1-6-3-4, SC-1-6-3-4, SC-1-6-3-4, SC-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-6-3-4, SC-1-6-4, SC-1-6-3-4, SC-6-3-4, SC-1-6-4, SC-1-6-3-4, SC-6-3-4, SC-6-7-4, SC-6-3-4, SC-6-7-4, SC-6-3-4, SC-1-6-4, SC-1-6-4, SC-1-6-4, SC-1-6-3-4, SC-1-6-4, SC-1	J624 J624 J627 J630 J636	J1615 J1627 J1630 J1612 J1624 J1624 J1627 J1630 J1636	J624  J645  J639  J654  J658	J1624 J1645 J1645 J1624 J1639 J1654 J1654 J1658 (2) J1639	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-685-LW, SCT-76S-LW, SCT-685-LW, SCT-90S-LW SCT-76SC-LW, SCT-90S-LW SCT-64-LW, SC-1-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SC-6-4, SCT-86S, SCT-94S, SCT-94SC SCT-108S, SCT-108SC, SCT-76, SCT-94SM SC-6-4, SCT-44-10, SCT-65S, SCT-76S, SCT-90SC SCT-10SS, SCT-10SC, SCT-76S, SCT-90SC SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-16-3-4, SC-1-6-7-4, SC-2-7-4, SC-5-2-7-4, SC-1-6-7-4, SC-5-6-3-4, SC-5-6-3-4, SCT-12-4, SC-1-6-4, SC 2-4, SC-5-2-4, SC-5-6-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-3-4, SCT-44-SC-1-3-4, SCT-44-10-3-4, SCT-44-SC-1-3-4, SCT-3-4,	J624 J624 J627 J630 J636 J639	J1615 J1627 J1630  J1612  J1624 J1624 J1627  J1630  J1630  J1630	J624  J645  J639  J654  J654  J658  (2) J636	J1624 J1645 J1624 J1645 J1624 J1639 J1654 J1654 J1658 (2) J1639	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-76S-LW, SCT-76S-LW, SCT-76S-LW, SCT-99S-LW SC1-64-LW, SC-1-6-4-LW, SC-64-LW SCT-64, SCT-86S, SCT-94S, SCT-94SC SCT-108S, SCT-108SC, SCT-76, SCT-94SC SCT-108S, SCT-108SC, SCT-76S, SCT-94SM SCT-44-10, SCT-66S, SCT-76S, SCT-90S SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SC-1-6-3-4, SC-1-6-3-4, SC-6-7-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-4 SCT-1-24, SC-1-6-4, SC 2-4, SC-5-2-4, SC-5-3-4, SCT-44-10-3-4, SCT-44-10-3-4, SCT-44-10-3-4, SCT-	J624  J624  J627  J630  J636  J639  J645	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1636  J1639  J1645	J624 J645 J639 J654 J654 J658 (2) J636	J1624 J1645 J1624 J1645 J1624 J1639 J1654 J1654 J1658 (2) J1639	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-66S-LW, SCT-76S-LW, SCT-66S-LW, SCT-90S-LW SCT-76SC-LW, SCT-90S-LW SCT-66-4-LW, SC-1-6-4-LW, SC-6-4-LW, SC-1-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-108S, SCT-108SC, SCT-76, SCT-94SM SCT-64, SCT-44, SCT-76, SCT-94SM SCT-66S, SCT-76S, SCT-76S, SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-144-10, SCT-66S, SCT-76S, SCT-12-4, SC-1-6-7-4, SC-5-2-7-4, SC-1-6-7-4, SC-5-6-3-4, SCT-44-10-3-4, SCT-44-SC-1-3-4, SCT-44-10-3-4, SCT-44-SC-3-4, SCT-54-SC-3-4, SCT-5-3-4, SCT-3-4, SCT-54-SC-3-4, SCT-54-SC-3-4	J624 J627 J630 J636 J639 J645	J1615 J1627 J1630  J1612  J1624 J1624 J1627  J1630  J1630  J1630  J1645  J1640	J624 J645 J639 J654 J654 J658 (2) J636 (2) J636 (2) J636	J1624 J1645 J1645 J1645 J1645 J1654 J1654 J1654 J1658 (2) J163( (2) J163(	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-685-LW, SCT-76S-LW, SCT-76SC-LW, SCT-90S-LW SCT-76SC-LW, SCT-90S-LW SCT-64-LW, SC-1-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-64, SCT-86S, SCT-94S, SCT-94SC SCT-108S, SCT-108SC, SCT-76, SCT-94SM SC-6-4, SCT-44-10, SCT-66S, SCT-76S, SCT-90S, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-16-3-4, SCT-6-6-3-4, SCT-6-6-3-4, SCT-6-6-3-4, SCT-6-6-3-4, SCT-6-7-4 SCT-12-4, SCT-16-4, SC 2-4, SC-5-2-4, SC-5-6-3-4 SCT-44-10-SC-1-3-4, SCT-44-10-3-4, SCT-44-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC	J624  J627  J630  J636  J639  J645  J645  J624  J624  J627	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1636  J1639  J1645  J1640  J1624  J1624  J1624  J1627	J624 J645 J639 J654 J658 (2) J636 (2) J636 (2) J636 J639 J645 J654	J1624 J1645 J1624 J1645 J1645 J1639 J1654 J1654 J1654 J1658 (2) J1639 J1640 J1639 J1640 J1654	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-90S-LW SC1-2-4-LW, SC-1-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-64, SCT-86S, SCT-94S, SCT-108S, SCT-108SC, SCT-76, SCT-94SM SC-6-4, SCT-44-10, SCT-66S, SCT-76S, SCT-94SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-150SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-16-3-4, SC-1-6-7-4, SC-5-6-7-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SCT-5-6-3-4, SCT-5-6-SC-3-4, SCT-5-6-3-4, SCT-5-6-4,	J624 J627 J630 J636 J639 J645 J645 J6624 J624 J627 J636	J1615 J1627 J1630  J1612  J1624  J1624  J1630  J1630  J1645  J1640  J1640  J1624 J1624 J1624 J1624 J1624 J1624 J1624 J1626 J1636	J624 J645 J639 J654 J658 (2) J636 (2) J636 (2) J636 J639 J645 J654 (2) J630	J1624 J1645 J1645 J1624 J1645 J1639 J1654 J1658 (2) J163:	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-685-LW, SCT-768-LW, SCT-685-LW, SCT-768-LW, SCT-685-LW, SCT-99S-LW SC1-6-4-LW, SC-9-16-4-LW, SC-6-4-LW, SC-9-4-LW, SC-5-6-4-LW, SC-6-4-LW, SC-7-48-S, SCT-76-S, SCT-94SM SCT-108S, SCT-108SC, SCT-76, SCT-94SM SCT-66-S, SCT-76-S, SCT-94SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SCT-16-S, SCT-76-S, SCT-90S SCT-12-25, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SCT-6-5-7-4, SC-6-3-4, SC-6-6-3-4, SC-5-6-7-4, SC-5-6-3-4, SCT-54-SC-1-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, S	J624 J627 J630 J636 J639 J645 J645 J624 J624 J624 J627	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1630  J1645  J1640  J1624 J1624 J1624 J1624 J1624 J1624 J1624 J1624 J1624 J1627 J1636 J1640	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  J639  J645  J653  J653  (2) J630 (2) J636	J1624 J1645 J1645 J1645 J1645 J1646 J1654 J1654 J1654 (2) J163	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-76S-LW, SCT-76S-LW, SCT-99S-LW SC1-64-LW, SC-1-6-4-LW, SC-64-LW, SC-1-6-4-LW, SC-64-LW SCT-108S, SCT-108SC, SCT-76S, SCT-94SC SCT-108S, SCT-108SC, SCT-76S, SCT-94SC SCT-108S, SCT-108SC, SCT-76S, SCT-94SM SCT-44-10, SCT-66S, SCT-76S, SCT-90S SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SC-1-6-3-4, SC-1-6-3-4, SC-1-6-3-4, SC-1-6-3-4, SC-1-6-3-4, SC-1-6-3-4, SC-6-3-4 SCT-42-4, SC-5-6-4 SCT-44-10-SC-1-3-4, SCT-44-10-3-4, SCT-44-10-3-4, SCT-44-5C-3-4, SCT-54-SC-3-4 SCT-54-SC-3-4, SCT-56-SC-3-4 SCT-54-SC-3-4, SCT-56-SC-3-4 SCT-56-3-4, SCT-56-SC-3-4 SCT-56-SC-3-4, SCT-56-SC-3-4 SCT-56-SC-3-4, SCT-56-SC-3-4 SCT-56-SC-3-4, SCT-56-SC-3-4 SCT-56-SC-3-4, SCT-76S-SC-3-4 STPC (Four Tank) STPCW SCBT SF-1RA, SC20-1	J624 J627 J630 J636 J639 J645 J645 J624 J624 J627 J636 J645 J67	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1636  J1639  J1645  J1640  J1624 J1627 J1636 J1640 J167	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  J639  J645  J654  (2) J630 (2) J636  J653  J654	J1624 J1645 J1645 J1645 J1645 J1646 J1654 J1654 J1654 (2) J163( (2	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-685-LW, SCT-768-LW, SCT-685-LW, SCT-768-LW, SCT-685-LW, SCT-99S-LW SC1-6-4-LW, SC-9-16-4-LW, SC-6-4-LW, SC-9-4-LW, SC-5-6-4-LW, SC-6-4-LW, SC-7-48-S, SCT-76-S, SCT-94SM SCT-108S, SCT-108SC, SCT-76, SCT-94SM SCT-66-S, SCT-76-S, SCT-94SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SCT-16-S, SCT-76-S, SCT-90S SCT-12-25, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SCT-6-5-7-4, SC-6-3-4, SC-6-6-3-4, SC-5-6-7-4, SC-5-6-3-4, SCT-54-SC-1-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, S	J624 J627 J630 J636 J639 J645 J645 J624 J624 J624 J627	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1630  J1645  J1640  J1624 J1627 J1636 J1640	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  J639  J645  J653  J653  (2) J630 (2) J636	J1624 J1645 J1645 J1645 J1645 J1646 J1654 J1654 J1654 (2) J163	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-90S-LW SCT-64-LW, SC-1-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-94S, SCT-108S, SCT-76, SCT-94SM SC-6-4, SCT-44-10, SCT-76, SCT-94SM SC-6-4, SCT-44-10, SCT-76S, SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-1-2-4, SC-1-6-4, SC-2-7-4, SC-6-3-4, SC-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SCT-74-10-3-4, SCT-76S-SC-3-4 STPC(Four Tank) STPCW SCBT SF-78A, SC20-1 SF-78A, SF-2DRA, SD-2RA,	J624 J627 J630 J636 J639 J645 J645 J624 J624 J627 J636 J645 J67	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1636  J1639  J1645  J1640  J1624 J1627 J1636 J1640 J167	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  J639  J645  J654  (2) J630 (2) J636  J653  J654	J1624 J1645 J1645 J1645 J1645 J1645 J1654 J1654 J1658 (2) J163: (3) J164: (4) J1654 J1654 J1654 J1658 (5) J163: (6) J163: (7) J163: (8) J163: (9) J163: (9) J163: (1) J163: (1) J163: (2) J163: (2) J163: (3) J1612 J1618	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-90S-LW SCT-64-LW, SC-1-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-94S, SCT-94S, SCT-94SM SC-6-4, SCT-44-10, SCT-76, SCT-94SM SCT-64, SCT-44-10, SCT-76S, SCT-76S, SCT-108S, SCT-108SC, SCT-76S, SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-12-4, SCT-16-6-3, SCT-76S, SCT-94SM, SCT-150SM SCT-150SM SCT-150SM SCT-150SM SCT-150SM SCT-16-6-3-4, SCT-44-10, SCT-6-3-4, SC-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SCT-56-3-4, SCT-74-10-3-4, SCT-44-10-SCT-44-10-SCT-44-SC-1-3-4, SCT-44-10-SCT-44-SC-1-3-4, SCT-44-10-SCT-44-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-3-4 STPC(Four Tank) STPCW SCBT SF-1RA, SC20-1 SF-2RA, SF-2DRA, SD-2RA, SDRA, SDRA, SDRA-PACK SCT-54, SCT-76, SCT-94, SCT-54, SCT-76, SCT-76, SCT-76, SCT-794, SCT-76, SCT-76, SCT-76, SCT-794, SCT-76, SCT-76, SCT-76, SCT-794, SCT-76, SCT-76, SCT-794, SCT-76, SCT-76, SCT-794, SCT-76, SCT-794, SCT-76, SCT-794, SCT-76, SCT-794, SCT-76, SCT-794, SCT-	J624  J627  J630  J636  J639  J645  J645  J624  J627  J636  J645  J67  J612  J636	J1615 J1627 J1630  J1612  J1624  J1624  J1630  J1630  J1645  J1640  J1624 J1626 J1636 J1636	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  J654  (2) J630  (2) J636  J654  J654  J654  J654  J658	J1624 J1645 J1645 J1645 J1645 J1645 J1654 J1658 (2) J163: (3) J1640 J1654 (4) J1658 J1658 J1658	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-685-LW, SCT-76S-LW, SCT-685-LW, SCT-90S-LW SCT-685-LW, SCT-90S-LW SCT-685-LW, SCT-90S-LW SCT-68-LW, SC-16-4-LW, SC-6-4-LW, SC-5-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-94S, SCT-108SC, SCT-76, SCT-94SM SCT-108S, SCT-108SC, SCT-76, SCT-94SM SCT-108S, SCT-108SC, SCT-76S, SCT-94SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SCT-16-6S, SCT-76S, SCT-12-4, SC-1-6-7-4, SC-5-2-7-4, SC-1-6-7-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SCT-94-10-3-4, SCT-95-10-3-4, SC	J624  J627  J630  J636  J639  J645  J624  J624  J624  J627  J636  J645  J67  J612	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1639  J1645  J1640  J1624 J1624 J1624 J1624 J1624 J1624 J1624 J1624 J1624 J1625 J1636 J1640 J167 J1612 J1636 J1636 J1636	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  (2) J636  J654  (2) J630  (2) J636  J612  J618	J1624 J1645 J1645 J1645 J1645 J1645 J1654 J1658 (2) J163; (3) J1640 J1658 J1658 J1658	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-686-LW, SCT-768-LW, SCT-768-LW, SCT-768-LW, SCT-768-LW, SCT-98-LW SCT-68-LW, SCT-99S-LW SCT-64-LW, SC-16-4-LW, SC-64-LW, SC-16-4-LW, SC-64-LW, SC-794S, SCT-94SM SCT-108S, SCT-108SC, SCT-76, SCT-94SM SCT-108S, SCT-108SC, SCT-76, SCT-94SM SCT-66-S, SCT-76S, SCT-90S SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SC-1-2-7-4, SC-16-3-4, SC-16-3-4, SC-5-6-7-4, SC-6-3-4, SC-6-3-4, SC-5-6-7-4, SC-6-3-4, SC-1-2-4, SC-5-6-4 SC-12-4, SC-5-6-4 SCT-44-10-SC-1-3-4, SCT-44-10-3-4, SCT-54-SC-1-3-4, SCT-54-SC-1-3-4, SCT-54-SC-1-3-4, SCT-52-RSC-3-4, SCT-54-SC-1-3-4, SCT-54-SC-1-3-4, SCT-54-SC-1-3-4, SCT-54-SC-3-4, SCT-54-SC-1-3-4, SCT-10-3-4, SCT	J624 J627 J630 J636 J639 J645 J645 J624 J624 J627 J636 J645 J67 J612 J636 J645	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1624  J1627  J1636  J1639  J1645  J1640  J1624 J1627  J1636 J1636  J1640 J167 J1612 J1636 J1645 J1618	J624  J639  J654  J658  (2) J636  (2) J636  (2) J636  (2) J636  J654  (2) J630 (2) J636  J612  J618  J658	J1624 J1645 J1624 J1645 J1624 J1645 J1639 J1654 J1654 J1654 J1658 (2) J1639 J1640 J1658 (2) J1639 J1640 J1654 J1654 J1658 J1658 J1658	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-76S-LW, SCT-68-LW, SCT-99S-LW SC-1-64-LW, SC-1-6-4-LW, SC-64-LW SCT-64, SCT-86S, SCT-94S, SCT-94SC SCT-108S, SCT-108SC, SCT-76, SCT-94SC SCT-108S, SCT-108SC, SCT-76S, SCT-94SM SCT-64, SCT-44, SCT-44-10, SCT-44-10, SCT-66S, SCT-76S, SCT-90S SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM STW-110, SC-1-6-3-4, SC-1-6-3-4, SC-1-6-3-4, SC-1-6-3-4, SC-1-6-7-4, SC-2-7-4, SC-5-6-3-4, SC-6-7-4, SC-5-2-7-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SCT-10-3-4, SCT-14-10-3-4, SCT-14-10-3-4, SCT-14-10-3-4, SCT-14-10-3-4, SCT-14-10-3-4, SCT-14-10-3-4, SCT-14-10-3-4, SCT-14-10-3-4, SCT-13-4, S	J624  J627  J630  J636  J639  J645  J645  J624  J627  J636  J645  J612  J636  J645  J645  J645	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1640  J1640  J1624 J1624 J1627  J1636  J1640 J167 J1612 J1636 J1640 J167 J1612 J1636 J1645 J1645	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  J612  J618  J658  J658  J658  (2) J636  (2) J636	J1624 J1645 J1624 J1645 J1624 J1645 J1639 J1654 J1654 J1658 (2) J163( (2) J1	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-90S-LW SCT-68-LW, SCT-90S-LW SCT-64-LW, SC-5-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-94SM SCT-94SM SC-6-4, SCT-108S, SCT-76, SCT-94SM SCT-64, SCT-44-10, SCT-64-SCT-44-10, SCT-74-10, SCT-66S, SCT-76S, SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-12-4, SCT-6-6-7-4, SC-5-2-7-4, SC-1-6-7-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SCT-76S-SC-3-4 SCT-24-10-SC-1-3-4, SCT-44-10-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-76S-SC-3-4 STPC (Four Tank) STPCW SCBT STPCW SCBT SF-1RA, SC20-1 SF-2RA, SF-2DRA, SD-2RA, SDRA, SDRA-PACK SCT-54, SCT-76SM SCT-76, SCT-80, SCT-94, SCT-108, SCT-120, SCT-76S	J624 J627 J630 J636 J639 J645 J645 J624 J624 J627 J636 J645 J67 J612 J636 J645 J645 J645	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1636  J1639  J1645  J1640  J1624 J1624 J1624 J1624 J1625 J1636 J1640 J1667 J1612 J1636 J1645 J1645 J1645 J1645 J1658	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  J612  J618  J658  J658  (2) J636	J1624 J1645 J1624 J1645 J1624 J1645 J1639 J1654 J1654 J1658 (2) J163( (2) J1	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-686-LW, SCT-76S-LW, SCT-686-LW, SCT-76S-LW, SCT-686-LW, SCT-90S-LW SC1-2-4-LW, SC-1-6-4-LW, SC-6-4-LW, SC-1-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-64, SCT-86S, SCT-94S, SCT-108S, SCT-108SC, SCT-76, SCT-94SM SC-6-4, SCT-44-10, SCT-66S, SCT-76S, SCT-102S, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-16-3-4, SC1-6-7-4, SC-5-6-7-4, SC-5-6-3-4, SC-1-6-7-4, SC-5-6-7-4, SC-6-3-4, SC-1-2-4, SC-1-6-4, SC 2-4, SC-5-2-4, SC-5-6-3-4, SCT-56-3-4, SCT-76S-SCT-90S SCT-120S, SCT-10SC, SCT-120SM, SCT-13-4, SCT-12-4, SC-1-6-1, SC-6-3-4, SC-6-3-4, SC-5-6-3-4, SCT-6-1-3-4, SCT-44-10-3-4, SCT-44-10-3-4, SCT-44-10-3-4, SCT-44-SC-1-3-4, SCT-44-SC-3-4, SCT-54-SC-3-4, SCT-76S-SC-3-4 STPC (Four Tank) STPCW SCBT STPCW SCBT ST-76SM SCT-76, SCT-80, SCT-94, SCT-108, SCT-76, SCT-80, SCT-94, SCT-108, SCT-120 U-31-A, U-31-AC U-31-A2 STBUW-14 SC-2-3-4, SC-5-2-3-4	J624 J627 J630 J636 J639 J645 J645 J624 J627 J636 J645 J67 J612 J636 J645 J645 J658 J658	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1639  J1645  J1640  J1624  J1624  J1624  J1624  J1625  J1640  J1625  J1636  J1640  J1640  J167  J1612  J1636  J1645  J1645  J1645  J1645  J1658  J1630	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  J612  J618  J658  J658  J658  (2) J636  (2) J636	J1624 J1640 J1645  J1624 J1645  J1624 J1645  J1639 J1654  J1658  (2) J1639 (2) J1639 (2) J1639 (2) J1639 J1640 J1659 (2) J1639 J1640 J1659 J1650 J1650 J1650 J1650 J1650 J1650 (2) J1650 (2) J1639	
ERO	RT-74, RT-60, RT-42B, RT-42BC RS-2R  SCT-44-10-LW, SCT-44-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-76S-LW, SCT-68S-LW, SCT-90S-LW SCT-68-LW, SCT-90S-LW SCT-64-LW, SC-5-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SC-6-4-LW, SC-5-6-4-LW, SCT-94SM SCT-94SM SC-6-4, SCT-108S, SCT-76, SCT-94SM SCT-64, SCT-44-10, SCT-64-SCT-44-10, SCT-74-10, SCT-66S, SCT-76S, SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-120S, SCT-120SC, SCT-120SM, SCT-150SM SCT-12-4, SCT-6-6-7-4, SC-5-2-7-4, SC-1-6-7-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SC-5-6-3-4, SCT-76S-SC-3-4 SCT-24-10-SC-1-3-4, SCT-44-10-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-44-10-SC-1-3-4, SCT-76S-SC-3-4 STPC (Four Tank) STPCW SCBT STPCW SCBT SF-1RA, SC20-1 SF-2RA, SF-2DRA, SD-2RA, SDRA, SDRA-PACK SCT-54, SCT-76SM SCT-76, SCT-80, SCT-94, SCT-108, SCT-120, SCT-76S	J624 J627 J630 J636 J639 J645 J645 J624 J624 J627 J636 J645 J67 J612 J636 J645 J645 J645	J1615 J1627 J1630  J1612  J1624  J1624  J1627  J1630  J1636  J1639  J1645  J1640  J1624 J1624 J1624 J1624 J1625 J1636 J1640 J1667 J1612 J1636 J1645 J1645 J1645 J1645 J1658	J624  J645  J639  J654  J658  (2) J636  (2) J636  (2) J636  (2) J636  J612  J618  J658  J658  (2) J636  (2) J636	J1624 J1640 J1645  J1624 J1645  J1624 J1645  J1639 J1654  J1658  (2) J1638 (2) J1638 (2) J1639 J1640 J1659 J1640 J1659 J1640 J1658 J1658 J1658	

This selector chart is based upon 40 degree F and 70 degree F temperature rises, 20psi flow pressure and minimum rinse cycle timer setting in NSF listing.

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

Master Specification: Model J								
JOB NAME	CONSULTANT / SPECIFIER							
REPRESENTATIVE	DEALER / SERVICE AGENT							
,	ter heater(s) Model Nohall be all stainless steel welded construction and shall bear the ASM CFC/HCFC free high efficiency closed cell foam insulation to reduce							

The booster shall be listed and approved in accordance with UL Sanitation (NSF5) and UL1453. All controls shall be built-in and factory wired. The booster shall include internal resettable circuit breakers in lieu of one-shot power fuses for over current protection when required. The immersion heating elements shall be high quality screw plug type with O-ring gasket to ensure leak free long life service. All temperature, hi-limit, and low water operating functions shall be controlled by an electronic digital display solid state device that shall provide the operator with visual indication of temperature setting and fault conditions. For ease of service for any replaceable component, the positioning of all components shall be such that to remove any component does not require the removal of another component.

standby heat loss. To minimize operating expenses, heat loss shall not exceed 425 btu/hr.

The entire exterior of the booster heater including the base, jacket and front cover shall be brushed stainless steel for maximum corrosion resistance, longevity and appearance.

The booster heater shall include an ASME/CSA rated combination temperature and pressure relief valve, 6" adjustable NSF plastic legs (Optional Specification: slide brackets on J6 model only), bronze body pressure reducing valve with builtin bypass, and one indicating temperature and pressure gauge.

The entire pressure vessel shall be provided with a full ten (10) year Non Pro-Rated tank warranty. The entire booster heater including all components shall be provided with a one-year warranty including parts and labor.

#### Sales and Service Network

An extensive network of authorized Hubbell Service Agents, Dealers, and Sales Representatives stand ready to support the needs of the Food Service Industry and to ensure that Hubbell Customers are provided with the highest quality in customer case and service.

Access Hubbell's website for a complete listing of authorized Hubbell Service Agents, Dealers, and Sales Representatives.

## Complete Inventory Ready to Ship

Hubbell is committed to serving the needs of the Food Service Industry, including having the complete line of Hubbell booster heaters ready to ship the same day when an order is received by the factory by 12:00pm eastern time. Hubbell's investment in a state-of-the-art production facility and an extensive on-hand inventory ensures that our Food Service Customer's needs are met in a timely fashion.

















Continuing research results in product improvement; therefore specifications are subject to change without notice. For the most updated information, consult the factory directly.

