

#### **IMPORTANT NOTE:**

Locate the Specification Label on unit to determine exact Model Name and electrical specifications. This information is needed to identify the correct replacement parts. See exploded view illustration(s) for Specification Label location.



Use of replacement parts other than those supplied by Hatco Corporation may result in damage to unit or injury to personnel and will void all warranties.

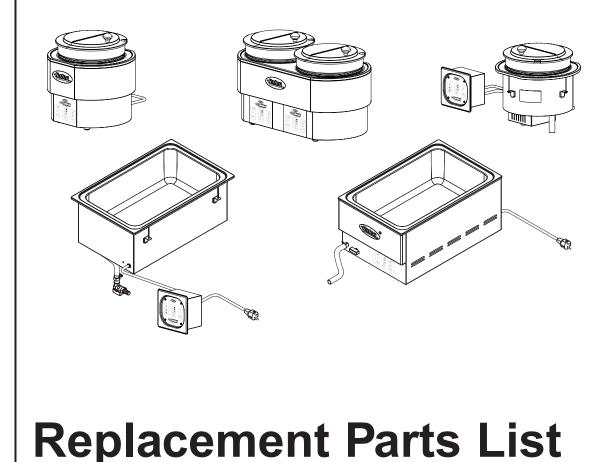
# HEATMAX<sup>®</sup> Heated Wells

## **RHW and RCTHW Series**

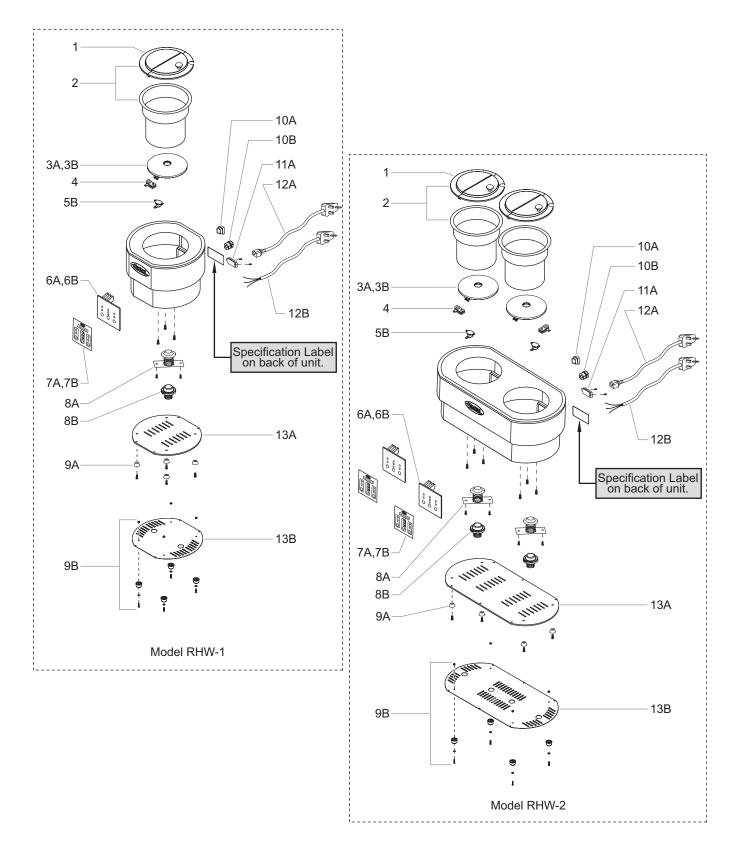
Model Name	<u>Page</u>
RHW-1	2
RHW-2	2
RHW-1B	4

<u>Model Name</u>	<u>Page</u>
RCTHW-1	6 & 8
RCTHW-1B6	6 & 10

Model Name	<u>Page</u>
RCTHW-6	12
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#### Hatco HEATMAX<sup>®</sup> Heated Wells RHW-1 and RHW-2 Models



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#### IMPORTANT! — HOW TO USE THIS SECTION

This section is for RHW-1 and RHW-2 Model heated wells built before and after a manufacturing and part number change. Heated wells with a manufacturing date code of **0949** and older use **Item** numbers with the "A" suffix. Heated wells with a manufacturing date code of **0950** and newer use **Item** numbers with the "B" suffix. **Item** numbers that are not broken down with "A" or "B" suffixes are the same for all manufacturing date codes.

Part numbers of "N/A" indicate the item does not work with the designated unit or is no longer available.

#### Parts List for RHW-1 and RHW-2 Models - 230 V

NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

Example: Serial number 9625062231 has a date code of "2231" which indicates the following: <u>2231</u>

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Item	Description	Part No.	Qty.	Item	Description	Part No.	Qty.
1	Lid, Hinged	04.19.1423.00	1–2	11A	Electrical Socket for Plug	X02.18.188.00	1
2	Pan, 10 liter (includes Item 1)	R04.19.1001.00	1–2	11B	Electrical Socket for Plug	N/A	
	Pan with Handles	04.19.1433.00	1–2	12A	Power Cord Assembly	X02.18.187.00	1
3A	Heating Element, 1250 W	X02.05.595.00	1–2	12B	Power Cord		
3B	Heating Element, 1250 W	02.05.595.00	1–2		AS 3112	02.18.105.00	1
4	High Limit Thermostat, 240°C *	02.16.219.00	1–2		CEE 7/7 Schuko	02.18.038.00	1
5A	Thermal Disk	N/A			BS-1363	02.18.068.00	1
5B	Thermal Disk	02.16.189.00	1–2		CH1-10P (RHW-1 Models)	02.18.1053.00	1
6A	Control Board	X02.01.238.00	1		CH2-16P (RHW-2 Models)	02.18.518A.00	1
6B	Control Board <b>†</b>	02.01.238.00	1	13A	Bottom Cover	X04 40 4005 00	4
7A	Decal, Control Panel	X07.03.469.00	1–2		RHW-1 RHW-2	X04.19.1005.00 X04.19.1007.00	1 1
7B	Decal, Control Panel	07.01.333.00	1–2	13B	Bottom Cover	704.10.1007.00	'
8A	High Limit Sensor Assembly	X02.16.129.00	1–2		RHW-1	04.42.220.00	1
8B	High Limit Sensor and Harness Assembly	R02.18.286.00	1–2		RHW-2	04.42.228.00	1
9A	Foot	X05.30.094.00	4	A	Wiring Diagram		
9B	Foot Assembly Kit (includes four feet)	R05.30.148.04	1		RHW-1 RHW-2	10-01-363 10-01-364	
10A	Strain Relief, Cord	X02.20.338.00	1	В	Wiring Diagram		
10B	Strain Relief, Cord	02.20.369.00	1		RHW-1	10-01-815	
	·				RHW-2	10-01-842	

\* Use P/N R02.16.227.00 for units with a date code of **2117** and older.

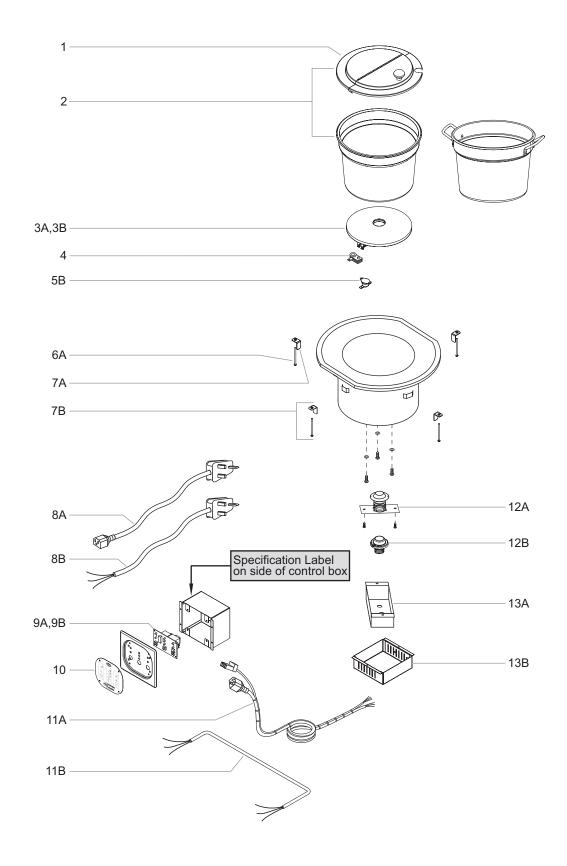
**†** Control Board (P/N 02.01.238.00) has three DIP switches. For RHW Series units, use the following settings: 1 = OFF, 2 = OFF, 3 = OFF.

NOTE: Quantities shown as a range (example = (1-2)) are dependent upon the number of wells in a unit.





#### Hatco HEATMAX<sup>®</sup> Heated Wells RHW-1B Model



#### **IMPORTANT! — HOW TO USE THIS SECTION**

This section is for RHW-1B Model built-in heated wells built before and after a manufacturing and part number change. Built-in heated wells with a manufacturing date code of **0947** and older use **Item** numbers with the "A" suffix. Built-in heated wells with a manufacturing date code of **0948** and newer use **Item** numbers with the "B" suffix. **Item** numbers that are not broken down with "A" or "B" suffixes are the same for all manufacturing date codes.

Part numbers of "N/A" indicate the item does not work with the designated unit or is no longer available.

## Parts List for RHW-1B MODELS — 230 V

Item	Description	Part No.	Qty.	Item	Description	Part No.	Qty.
1	Lid , Hinged	04.19.1423.00	1	8B	Power Cord		
2	Pan, 10 liter (includes Item 1)	R04.19.1001.00	1		AS 3112	02.18.105.00	1
	Pan with Handles	04.19.1433.00	1		CEE 7/7 Schuko	02.18.038.00	1
ЗA	Heating Element, 1250 W	X02.05.595.00	1		BS-1363	02.18.068.00	1
3B	Heating Element, 1250 W	02.05.595.00	1		CCC	02.18.1053.00	1
4	High Limit Thermostat, 240°C *	02.16.219.00	1	9A	Control Board	X02.01.238.00	1
5A	Thermal Disk	N/A		9B	Control Board <b>†</b>	02.01.238.00	1
5B	Thermal Disk	02.16.189.00	1	10	Decal, Control Panel ■	07.01.411.00	1
6A	Screw, Mounting Bracket	X05.04.518.00	4	11A	Control Cord Assembly	X02.18.156.00	1
6B	Screw, Mounting Bracket	N/A	.	11B	Control Cord Assembly	02.18.293.00	1
7A	Mounting Bracket	X04.19.1088.00	4	12A	High Limit Sensor Assembly	X02.16.129.00	1
7B	Mounting Bracket, Assembly (set of four)	R04.42.334.04	1	12B	High Limit Sensor and Harness Assembly	R02.18.286.00	1
8A	Power Cord Assembly	X02.18.187.00	1	13A	Box Cover	X04.19.1064.00	1
оA	Power Cord Assembly	XU2.10.107.00	1	13B	Box Cover	04.42.299.00	1
				A	Wiring Diagram	10-01-363	
				В	Wiring Diagram	10-01-814	

\* Use P/N R02.16.227.00 for units with a date code of 2117 and older.

**†** Control Board (P/N 02.01.238.00) has three DIP switches. For RHW Series units, use the following settings: 1 = OFF, 2 = OFF, 3 = OFF.

Use decal P/N 07.01.333.00 for units with a date code of **1635** and older.

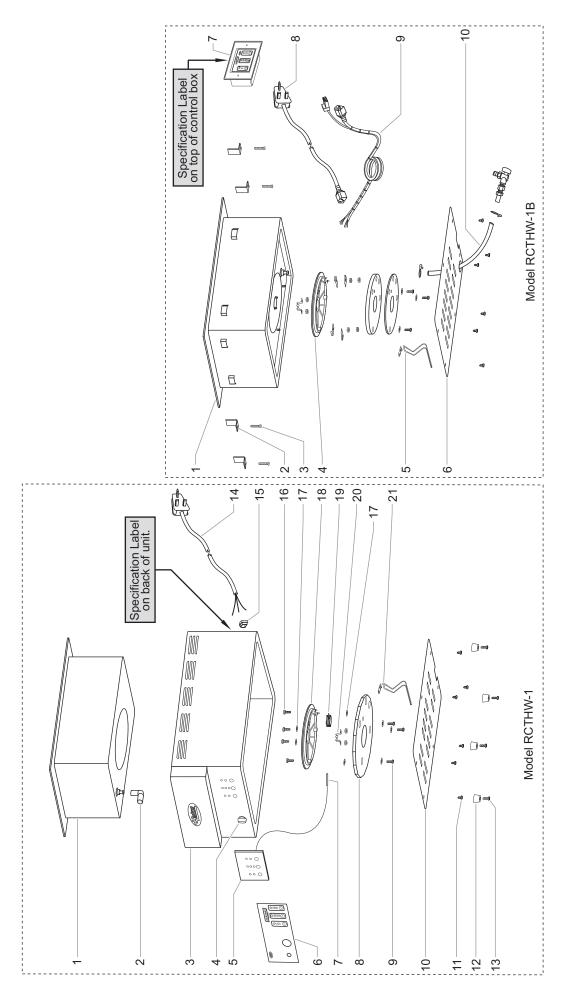
NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

Example: Serial number 9625062231 has a date code of "2231" which indicates the following: 2231

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#### **IMPORTANT NOTE:**

This section is for RCTHW-1 and RCTHW-1B Model heated wells built before a manufacturing and part number change. Use this section for RCTHW-1 Series heated wells with a manufacturing date code of **1102** and older.

## Parts List for RCTHW-1 Models — 220 V (Date Code 1102 and older)

Item	Description	Part No.	Qty.	lte	m Descr
1	Water Pan	X04.19.1121.00	1	13	3 Screw,
2	Drain Elbow	X03.02.044.00	1	14	4 Power
3	Enclosure	X04.19.1124.00	1	15	5 Cord G
4	Drain Valve	X03.02.043.00	1	16	6 Screw,
5	Control Board	X02.01.238.00	1	17	7 Washe
6	Decal, Control	X07.03.512.00	1	18	3 Heating
7	Temperature Sensor	X02.01.241.00	1	19	9 High Li
8	Insulated Panel Cover	X04.19.1123.00	1	20	) Bracke
9	Screw, Heating Element, Bottom	X05.04.523.00	3	2	
10	Bottom Cover	X04.19.1125.00	1		Assem
11	Screw, Bottom Cover	X05.04.524.00	6		Wiring
12	Supporting Leg	X05.30.094.00	4		

ltem	Description	Part No.	Qty.
13	Screw, Leg	X05.04.493.00	4
14	Power Cord w/ Socket	X02.18.217.00	1
15	Cord Grip	R02.20.259.00	1
16	Screw, Heating Element, Top	X05.04.522.00	4
17	Washer, Heating Element	X05.11.050.00	4
18	Heating Element, 2000 W	X02.05.608.00	1
19	High Limit Safety Switch	X02.16.133.00	1
20	Bracket, Sensor	X04.19.1122.00	1
21	High Limit Sensor and Harness Assembly	02.18.286.00	1
	Wiring Diagram	10-01-363	

#### Parts List For RCTHW-1B Models — 220 V (Date Code 1102 and older)

Item	Description	Part No.	Qty.
1	Enclosure	X04.19.1090.00	1
2	Mounting Bracket	X03.19.1088.00	4
3	Screw, Mounting Bracket	X05.04.518.00	4
4	Heating Element, 1250 W	X02.05.595.00	1
5	High Limit Sensor and Harness Assembly	02.18.286.00	1
6	Bottom Cover	X04.19.1092.00	1

7 Control Board X02.01.238.00 1   8 Power Cord Assembly X02.18.187.00 1   9 Control Cord Assembly X02.18.170.00 1   10 Drain Hose X03.40.019.00 1	ltem	Description	Part No.	Qty.
9 Control Cord Assembly X02.18.170.00 1   10 Drain Hose X03.40.019.00 1	7	Control Board	X02.01.238.00	1
10 Drain Hose X03.40.019.00 1	8	Power Cord Assembly	X02.18.187.00	1
	9	Control Cord Assembly	X02.18.170.00	1
M/win Discourse 40.04.004	10	Drain Hose	X03.40.019.00	1
Wiring Diagram 10-01-364		Wiring Diagram	10-01-364	

NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

Example: Serial number 9625062231 has a date code of "2231" which indicates the following: 2231

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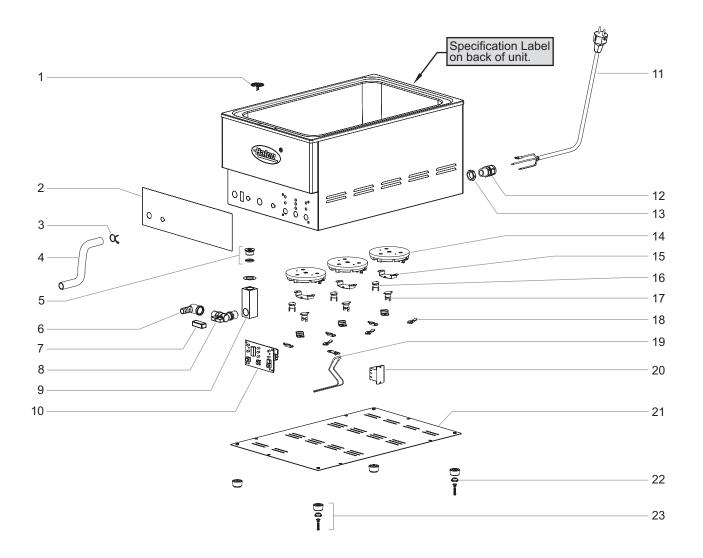




#### Hatco HEATMAX<sup>®</sup> Heated Wells RCTHW-1 Model (Date Code 1103 and newer)

#### **IMPORTANT NOTE:**

This section is for RCTHW-1 Model heated wells built after a manufacturing and part number change. Use this section for RCTHW-1 Model heated wells with a manufacturing date code of **1103** and newer.





## Parts List for RCTHW-1 Models — 230 V (Date Code 1103 and newer)

				•			
ltem	Description	Part No.	Qty.	Item	Description	Part No.	Qty.
1	Strainer	04.42.468.00	1	12	Cord Grip	R02.20.259.00	1
2	Label, Control Plate	07.01.352.00	1	13	Cord Grip Nut	02.20.259A.00	1
3	Spring Clamp	05.04.685.00	1	14	Heating Element	R02.05.736.00	3
4	Silicone Tube (sold per meter)	03.40.133.00	1m	15	Bracket, Thermostat	04.42.818.00	3
5	Drain Fitting and Washer	R03.40.130.00	1	16	High-Limit Thermostat	02.16.193.00	3
6	Elbow Barb	03.40.138.00	2	17	High-Limit Thermostat,	02.16.189.00	3
7	Handle Cover	05.30.169.00	1		Manual Reset		
8	Faucet	03.40.127.00	1	18	Bracket, Element	04.42.474.00	9
9	Drain Fitting, S.S.	03.40.193.00	1	19	High Limit Sensor and Harness Assembly	02.18.286.00	1
10	Control Board <b>†</b>	02.01.238.00	1	20		02.01.341.00	1
11	Power Cord				Relay, 220V <b>‡</b>		1
	AS 3112	02.18.105.00	1	21	Cover, Bottom	04.42.415.00	1
	CEE 7/7 Schuko	02.18.038.00	1	22	Foot Cushion	05.30.149.00	4
	BS-1363	02.18.068.00	1	23	Foot Assembly Kit (includes four feet and Item 22)	R05.30.148.04	1
					Wiring Diagram	10-01-971	

**†** Control Board (P/N 02.01.238.00) has three DIP switches. For RCTHW Series units, use the following settings: 1 = ON, 2 = ON, 3 = ON.

**‡** Relay installed on units with date code "1412" and newer.

NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

Example: Serial number 9625062231 has a date code of "2231" which indicates the following: 2231

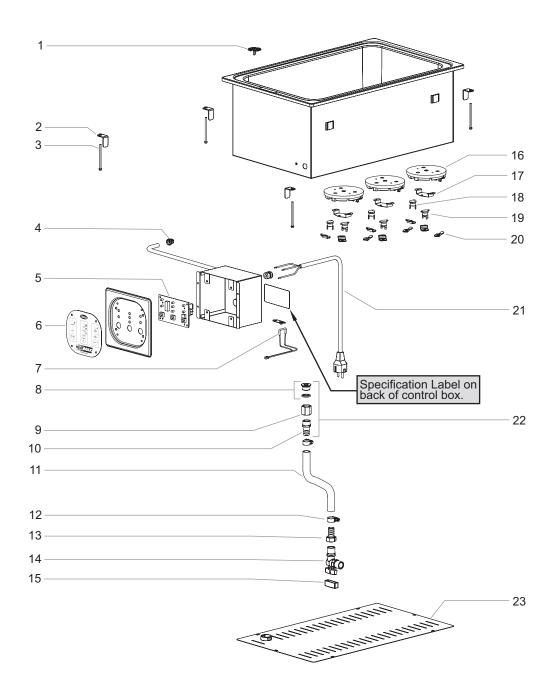
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#### Hatco HEATMAX<sup>®</sup> Heated Wells RCTHW-1B Model (Date Code 1103 and newer)

#### **IMPORTANT NOTE:**

This section is for RCTHW-1B Model heated wells built after a manufacturing and part number change. Use this section for RCTHW-1B Model heated wells with a manufacturing date code of **1103** and newer.



## Parts List for RCTHW-1B Models — 230 V (Date Code 1103 and newer)

ltem	Description	Part No.	Qty.		Item	Description
1	Strainer	04.42.468.00	1	[	14	Faucet
2	Mounting Bracket	04.42.334.00	4		15	Handle Cover
3	Mounting Bracket Screw	05.04.636.00	4		16	Heating Element
4	Cord Grip	02.20.406.00	2		17	Bracket, Thermostat
5	Control Board <b>†</b>	02.01.238.00	1		18	High-Limit Thermostat
6	Label, Control Plate ■	07.01.411.00	1		19	High-Limit Thermostat,
7	High Limit Sensor and Harness Assembly	02.18.393.00	1		20	Manual Reset Bracket, Element
8	Drain Fitting and Washer	R03.40.130.00	1		21	Power Cord
9	Coupling, 1/2"	03.40.142.00	1			AS 3112
10	Fitting, Male, Barb	03.40.136.00	1			CEE 7/7 Schuko
11	Silicone Tube (sold per meter)	03.40.133.00	1m			BS-1363
12	Hose Clamp	05.04.697.00	1		22	Drain Fitting Assembly (includes items 8–10)
13	Fitting, Female, Barb	03.40.139.00	1		23	Cover, Bottom

**†** Control Board (P/N 02.01.238.00) has three DIP switches. For RCTHW Series units, use the following settings: 1 = ON, 2 = ON, 3 = ON.

Wiring Diagram

Use decal P/N 07.01.333.00 for units with a date code of **1635** and older.

NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

Example: Serial number 9625062231 has a date code of "2231" which indicates the following: 2231

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Part No.

03.40.127.00

05.30.169.00

04.42.818.00

02.16.193.00

02.16.189.00

04.42.474.00

02.18.105.00

02.18.038.00

02.18.068.00

04.42.461.00

10-01-976

R00.03.0008.00

R02.05.736.00

Qty.

1

1

3

3

3

3

9

1

1

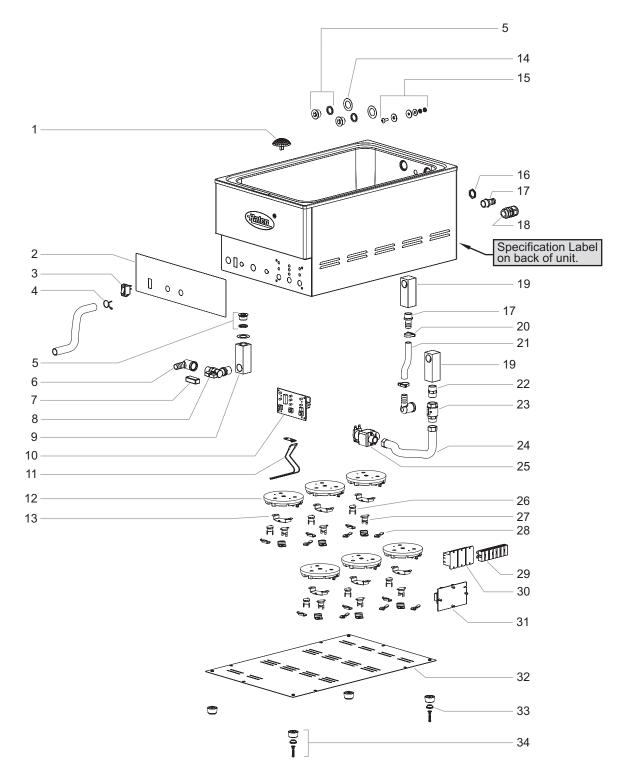
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1

1







## Parts List for RCTHW-6 Models - 230 V

ltem	Description	Part No.	Qty.	Item	Description	Part No.	Qty.
1	Strainer	04.42.502.00	1	19	Drain Fitting, Aluminum	03.40.129.00	2
2	Label, Control Plate	07.01.349.00	1	20	Hose Clamp	05.04.738.00	2
3	Power Switch	02.19.216.00	1	21	Silicone Tube (sold per meter)	03.40.133.00	1m
4	Spring Clamp	05.04.685.00	1	22	Nipple, Male	03.11.017.00	1
5	Drain Fitting and Washer	R03.40.145.00	3	23	Valve, Back-flow Preventer	03.02.083.00	1
6	Elbow Barb	03.40.138.00	2	24	Flexible Tube	03.40.150.00	1
7	Handle Cover	05.30.169.00	1	25	Valve, Solenoid	03.02.080.00	1
8	Faucet	03.40.127.00	1	26	High-Limit Thermostat	02.16.193.00	6
9	Drain Fitting, S.S.	03.40.193.00	1	27	High-Limit Thermostat,	02.16.189.00	6
10	Control Board <b>†</b>	02.01.238.00	1		Manual Reset		
11	High Limit Sensor and Harness	02.18.286.00	1	28	Bracket, Element	04.42.474.00	18
	Assembly			29	Terminal Block	02.15.061.00	1
12	Heating Element	R02.05.736.00	6	30	Relay, 220V	02.01.341.00	3
13	Bracket, Thermostat	04.42.818.00	6	31	Low Water Cutoff Board	02.01.210.00	1
14	Washer, Teflon, Water Probe	02.01.361.00	3	32	Cover, Bottom	04.42.415.00	1
15	Sensor Screw Assembly	R05.04.750.00	1	33	Foot Cushion	05.30.149.00	4
16	Nut, Brass	05.04.731.00	1	34	Foot Assembly Kit	R05.30.148.04	1
17	Fitting, Barbed	03.40.136.00	1		(includes four feet and Item 33)		
18	Cord Grip	R02.20.259.00	1		Wiring Diagram	10-01-958	

**†** Control Board (P/N 02.01.238.00) has three DIP switches. For RCTHW Series units, use the following settings: 1 = ON, 2 = ON, 3 = ON.

NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

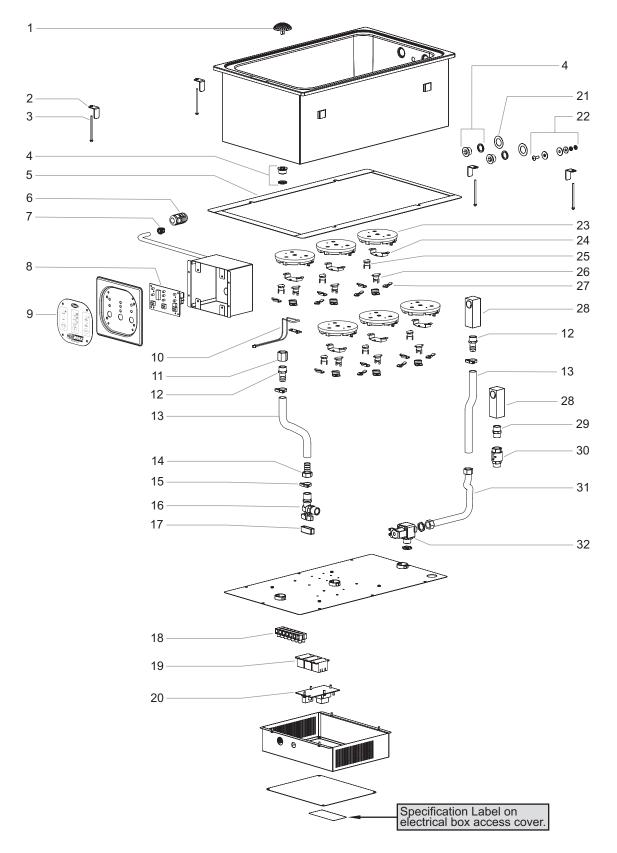
Example: Serial number 9625062231 has a date code of "2231" which indicates the following: 2231

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#### Hatco HEATMAX<sup>®</sup> Heated Wells RCTHW-6B Model



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## Parts List for RCTHW-6B Models — 230 V

Item	Description	Part No.	Qty.	Item	Description	Part No.	Qty.
1	Strainer	04.42.502.00	1	18	Terminal Block	02.15.061.00	1
2	Installation Plate	R04.42.334.00	4	19	Relay, 220V	02.01.341.00	3
3	Screw	05.04.636.00	4	20	Low Water Cutoff	R02.01.210.00	1
4	Drain Fitting and Washer	R03.40.145.00	3	21	Washer, Teflon, Water Probe	02.01.361.00	3
5	Mounting Plate	04.42.442.00	1	22	Sensor Screw Assembly	R05.04.750.00	1
6	Cord Grip, Straight	R02.20.259.00	1	23	Heating Element	R02.05.736.00	6
7	Cord Grip	02.20.372.00	2	24	Bracket, Thermostat	04.42.818.00	6
8	Control Board <b>†</b>	02.01.238.00	1	25	High-Limit Thermostat	02.16.193.00	6
9	Label, Control Panel 🗖	07.01.411.00	1	26	High-Limit Thermostat,	02.16.189.00	6
10	High Limit Sensor and Harness	02.18.393.00	1		Manual Reset		
	Assembly			27	Bracket, Element	04.42.474.00	18
11	Coupling, Female	03.40.142.00	1	28	Drain Fitting, Large	03.40.129.00	2
12	Fitting, Male	03.40.136.00	1	29	Nipple, Male	03.01.017.00	1
13	Silicone Tube (sold per meter)	03.40.133.00	1m	30	Valve, Back-flow Preventer	03.02.083.00	1
14	Fitting, Female	03.40.139.00	1	31	Flexible Tube	03.40.150.00	1
15	Hose Clamp	05.04.738.00	2	32	Valve, Solenoid	03.02.080.00	1
16	Faucet	03.40.127.00	1		Wiring Diagram	10-01-1017	
17	Handle Cover	05.30.169.00	1	└───			

**†** Control Board (P/N 02.01.238.00) has three DIP switches. For RCTHW Series units, use the following settings: 1 = ON, 2 = ON, 3 = ON.

Use decal P/N 07.01.333.00 for units with a date code of **1635** and older.

NOTE: The last four digits in a ten digit numerical serial number are the manufacturing date code.

Example: Serial number 9625062231 has a date code of "2231" which indicates the following: 2231

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#### HATCO AUTHORIZED PARTS DISTRIBUTORS

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