



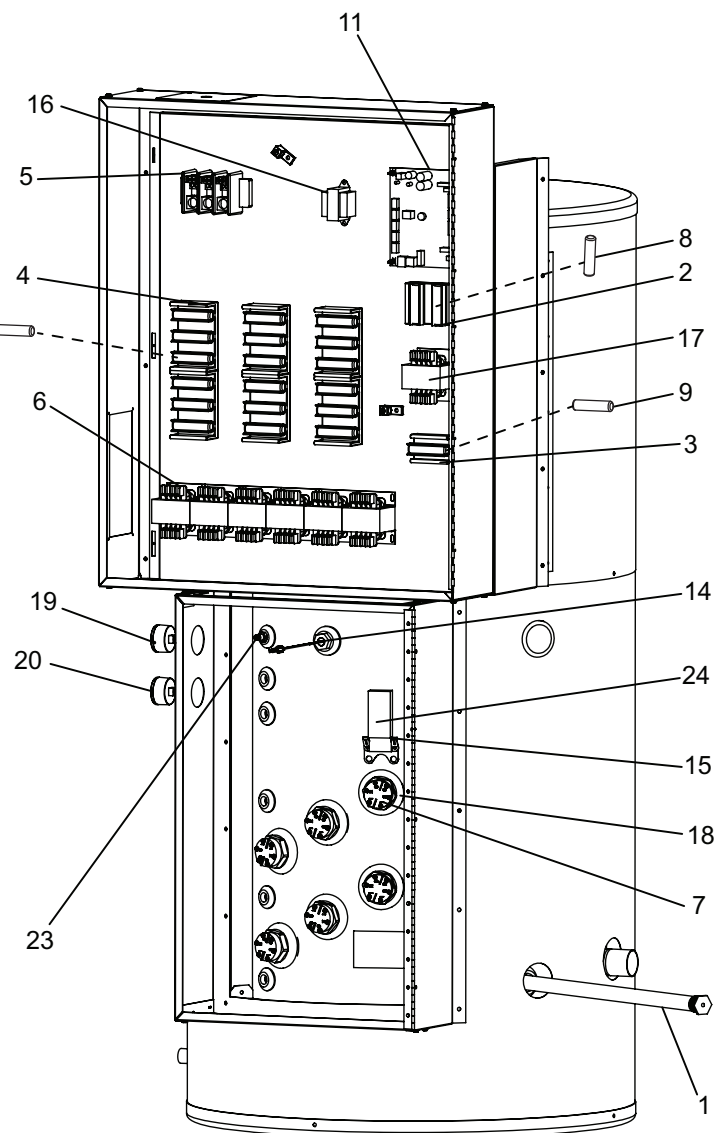
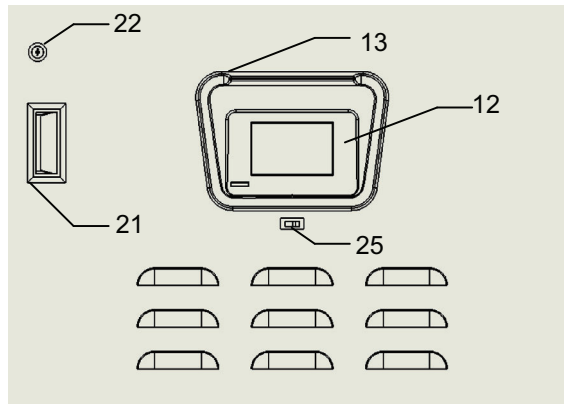
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Replacement Parts List

Commercial Electric High Power Water Heater

VERTICAL MODELS

PANEL DOOR VIEW



This exploded view diagram illustrates the assembly of a control cabinet. The components are numbered as follows:

- 1: Mounting bracket for the top cover.
- 2: Top cover of the cabinet.
- 3: Base plate of the cabinet.
- 4: Internal terminal block assembly.
- 5: Internal wiring harness.
- 6: Internal wiring harness.
- 7: Mounting bracket for the bottom cover.
- 8: Mounting bracket for the top cover.
- 9: Mounting bracket for the base plate.
- 10: Mounting bracket for the base plate.
- 11: Mounting bracket for the base plate.
- 12: Mounting bracket for the base plate.
- 13: Mounting bracket for the base plate.
- 14: Mounting bracket for the base plate.
- 15: Mounting bracket for the base plate.
- 16: Mounting bracket for the base plate.
- 17: Mounting bracket for the base plate.
- 18: Mounting bracket for the base plate.
- 19: Mounting bracket for the base plate.
- 20: Mounting bracket for the base plate.
- 21: Mounting bracket for the base plate.
- 22: Mounting bracket for the base plate.
- 23: Mounting bracket for the base plate.
- 24: Mounting bracket for the base plate.

ITEM NO.	PART NO.	DESCRIPTION				MODEL NO.		
ANODE RODS								
1	100208654	ANODE ROD, 1" NPT X 24" LONG				CHV 150 GAL & 200 GAL (2 REQ) CHH 250 GAL & 300 GAL (3 REQ)		
1	100232745	ANODE ROD, 1" NPT X 36" LONG				CHV 500 - 600 GAL (3 REQ) CHH 400 - 600 GAL (3 REQ) CHV & CHH 800 - 1000 GAL (4 REQ)		
1	100208663	ANODE ROD, 1" NPT X 48" LONG				CHV & CHH 1250 - 1500 GAL (4 REQ)		
1	100278130	ANODE ROD, 1" NPT X 62" LONG				CHV 250 GAL & 300 GAL (1 REQ) CHV & CHH 2000 - 2500 GAL (4 REQ)		
1	100208664	ANODE ROD, 3/4" NPT X 52" LONG				CHV 400 GAL (2 REQ)		
FUSE BLOCKS								
2	100306547	FUSE BLOCK (PRIMARY CONTROL CIRCUIT)				600V, 30A*		
2	100306548	FUSE BLOCK (PRIMARY CONTROL CIRCUIT)				250V, 30A*		
3	100306549	FUSE BLOCK (SECONDARY CONTROL CIRCUIT)				ALL		
4	100306550	FUSE BLOCK				300V, 60A*		
4	100306571	FUSE BLOCK				600V, 60A*		
TERMINAL BLOCKS								
5	100306572	TERMINAL BLOCK				600V, 310A, 2 POLE		
5	100306573	TERMINAL BLOCK				600V, 175A, 3 POLE		
5	100306574	TERMINAL BLOCK				600V, 310A, 3 POLE		
5	100306575	TERMINAL BLOCK				600V, 380A, 3 POLE		
CONTACTORS								
6	100316001	CONTACTOR, 50 AMP				ALL		
SCREW-IN TYPE ELEMENTS - 1 1/2" NPT								
	WATTAGE	208 VOLT	240 VOLT	380 VOLT	400 VOLT	415 VOLT	480 VOLT	600 VOLT
		PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
7	12000	100306576	100306581	100306584	100306587	100306590	100306568	100306601
7	15000	100306577	100306582	100306585	100306588	100306566	100306569	100306810
7	18000	100306560	N/A	100306586	100306589	100306567	100306570	100339872
FUSES								
8	100306861	FUSE, 600V (PRIMARY CONTROL CIRCUIT)				15 AMP*		
9	100306862	FUSE, 250V				15 AMP*		
10	100306863	FUSE, 300V				35 AMP*		
10	100306855	FUSE, 300V				40 AMP*		
10	100306856	FUSE, 300V				50 AMP*		
10	100306857	FUSE, 300V				60 AMP*		
10	100306859	FUSE, 600V				35 AMP*		
10	100306860	FUSE, 600V				40 AMP*		
10	100306847	FUSE, 600V				50 AMP*		
10	100339873	FUSE, 600V				60 AMP*		
THERMOSTATS								
11	-----	BOARD, CONTROL (SEE PAGE 2, PART NO. LOCATION DIAGRAM)				-----		
12	100306849	BOARD, DISPLAY, COMMUNICATION				ALL		
13	100306850	BEZEL, DISPLAY				ALL		
14	100306891	PROBE, TEMPERATURE				ALL		
15	100306893	HI LIMIT				ALL		
TRANSFORMERS								
16	100306894	TRANSFORMER, 120-24V				ALL		
17	100306895	TRANSFORMER, 240/480-120V				UP TO 100VA		
17	100306896	TRANSFORMER, 240/480-120V				101-150VA		
17	100306897	TRANSFORMER, 240/480-120V				151-250VA		
17	100306899	TRANSFORMER, 240/480-120V				251-350VA		
PLEASE HAVE MODEL NUMBER AND SERIAL NUMBER WHEN ORDERING PARTS.								
*VOLTAGE AND AMPERAGE INFORMATION IS ON THE PART								

ITEM NO.	PART NO.	DESCRIPTION	MODEL NO.
TRANSFORMERS (CONTINUED)			
17	100306900	TRANSFORMER, 380/208-120V	UP TO 100VA
17	100306911	TRANSFORMER, 380/208-120V	101-250VA
17	100306912	TRANSFORMER, 415/600-120V	UP TO 50VA
17	100306884	TRANSFORMER, 415/600-120V	51 - 250VA
MISCELLANEOUS			
18	100306870	GASKET, ELEMENT SCREW-IN	ALL
19	100306921	GAUGE, TEMPERATURE 30 - 240°F	OPTIONAL
20	100306913	GAUGE, PRESSURE 0 - 160 PSI	OPTIONAL
21	100306914	HANDLE, DOOR	ALL
22	100306915	LOCK, KEY	ALL
23	100305916	PROBE, LWCO	ALL
23	100306917	PROBE, LWCO	OPTIONAL
23	100306918	PROBE, LWCO EXTENTION, 7-1/2"	OPTIONAL
24	100306885	COVER, HI LIMIT	ALL
25	100306886	PILOT SWITCH WITH LIGHT	ALL
-	100208445	RELIEF VALVE 125# W.P.	ALL
-	100208444	RELIEF VALVE 150# W.P.	OPTIONAL
-	100306889	HINGE	ALL
-	100306890	SAFETY DOOR INTERLOCK	OPTIONAL
-	100306924	RELAY, 120V (USED WITH MULTIPLE CONTROL BOARDS)	ALL
-	100306925	CABLE COMMUNICATION	ALL
-	100306926	OVERLAY DISPLAY	ALL
-	100341693	BOOT, LWCO	ALL
-	100306928	PUMP	CHH
-	100306937	GASKET, HAND HOLE 4" X 6", ONE BOLT	OPTIONAL
-	100306938	GASKET, MANWAY 11" X 15"	OPTIONAL
-	100306939	GASKET, MANWAY 12" X 16"	OPTIONAL
-	100306940	ALARM BELL	OPTIONAL
-	100306941	GASKET, SIX BOLT ASME	ALL
-	100306943	COVER, CLEANOUT SIX BOLT ASME	ALL
-	100306946	BLOCK-OFF PLATE, ELEMENT ACCESS SCREW-IN TYPE	ALL
PLEASE HAVE MODEL NUMBER AND SERIAL NUMBER WHEN ORDERING PARTS. *VOLTAGE AND AMPERAGE INFORMATION IS ON THE PART			