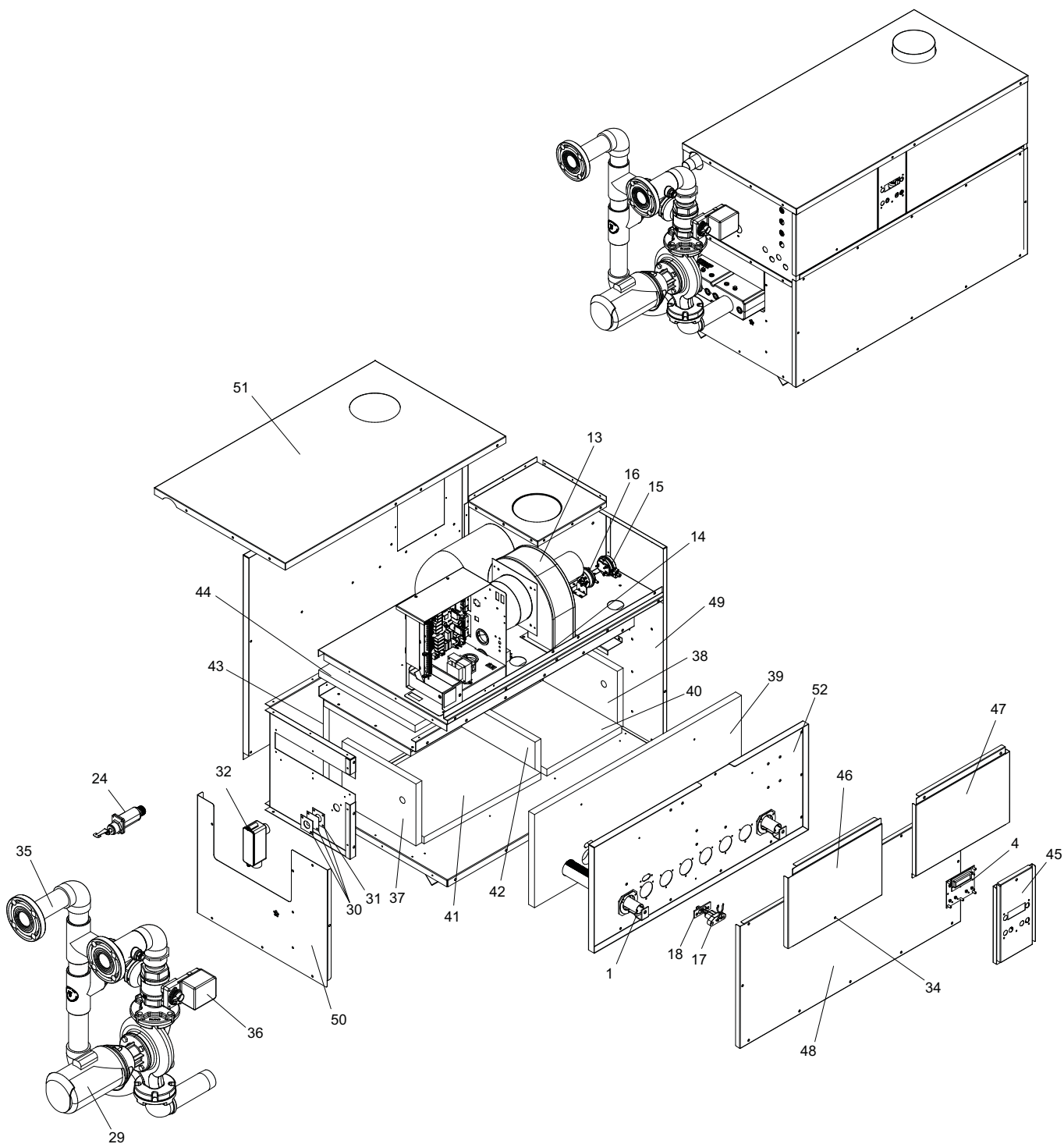




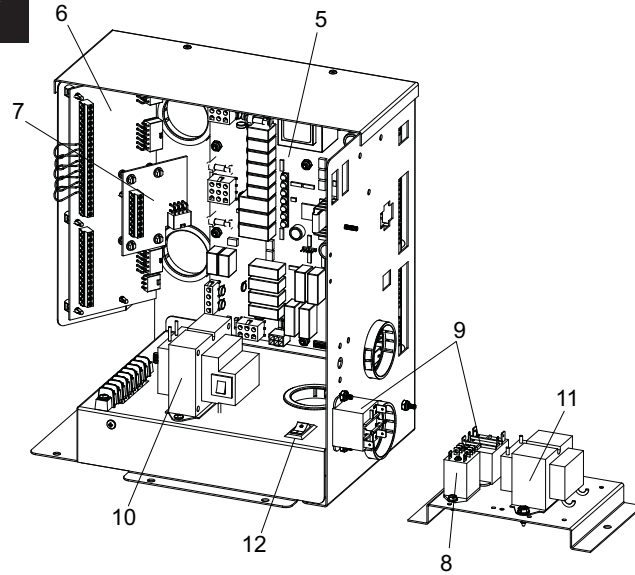
**PARTS & SERVICE DEPARTMENT**  
 Nashville, Tennessee  
 615-889-8900 • Fax: 615-882-2918  
 parts\_team@lochinvar.com  
 www.Lochinvar.com

# Replacement Parts List

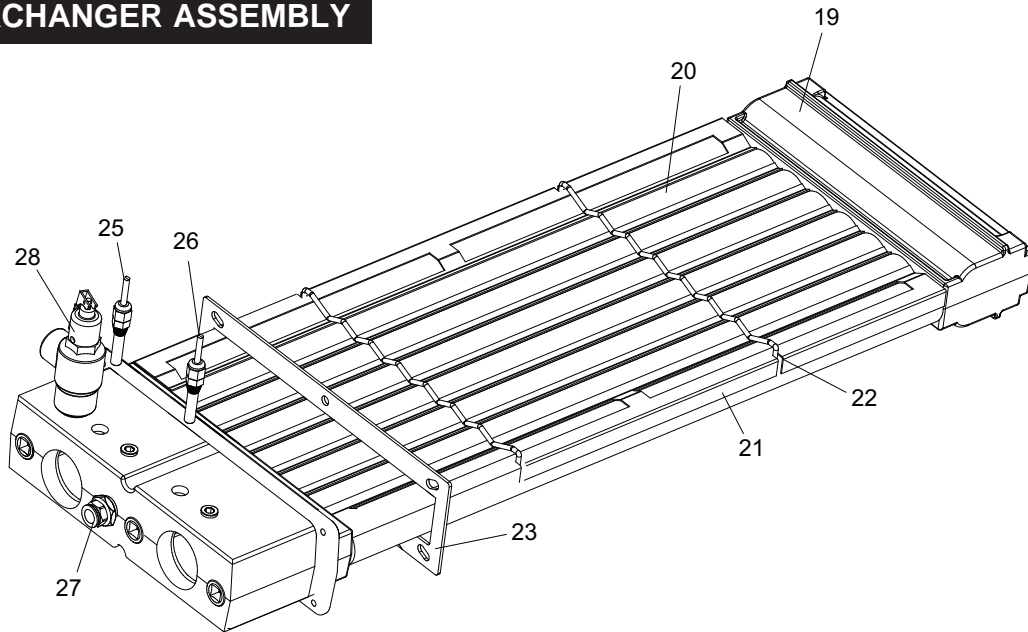
## Copper-Fin<sup>2</sup> Commercial Pool Heaters CP 502 -752



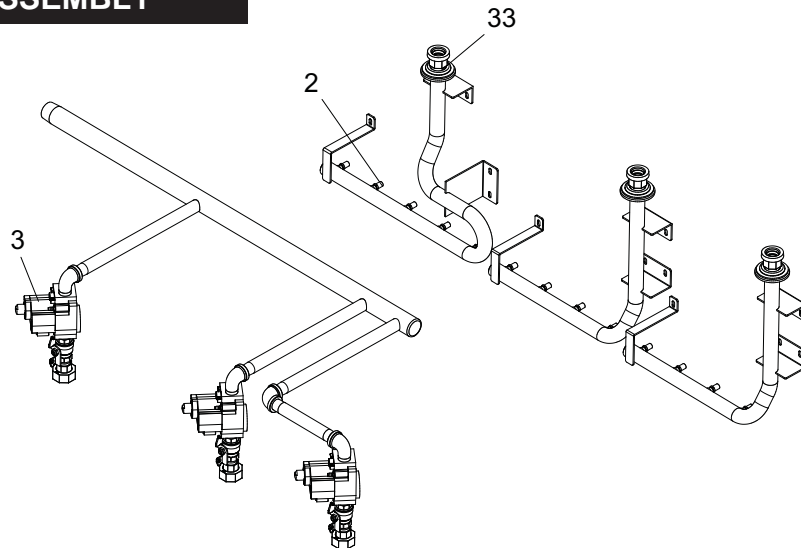
## CONTROL PANEL ASSEMBLY



## HEAT EXCHANGER ASSEMBLY



## GAS TRAIN ASSEMBLY



ITEM NO.	PART	NO.	DESCRIPTION	MODEL NO.
<b>BURNERS</b>				
1	BNR3417 is Main Burner	Model	BNR30011	BNR3417
		502	1 ea	9 ea
	BNR30011 is Main Burner w/ compression fitting.	652	1 ea	12 ea
		752	1 ea	14 ea
<b>GAS TRAIN ASSEMBLIES</b>				
2	ORF2050	ORIFICE, NAT		ALL
2	ORF2051	ORIFICE, LP		ALL
3	VAL2412	GAS VALVE ASSEMBLY, NAT		ALL
3	VAL2413	GAS VALVE ASSEMBLY, LP		ALL
<b>CONTROLS &amp; GUAGES</b>				
4	RLY20031	USER INTERFACE CONTROL		ALL
5	RLY20032	BOARD, MAIN CONTROL		ALL
6	RLY20066	BOARD, CONNECTOR		ALL
7	RLY30093	BOARD, SENSOR		ALL
8	RLY2051	RELAY, DPDT		ALL
9	RLY2706	RELAY, 120VAC, 60HZ 10.8 AMP		ALL
10	TRF20002	TRANSFORMER, 24V, 60VA		ALL
11	TRF2002	TRANSFORMER, 50VA		502
11	TRF20002	TRANSFORMER, 24V, 60VA		652 & 752
12	SWT2006	SWITCH, ON/OFF		ALL
13	FAN2010	FAN		ALL
14	GKT2023	GASKET, FAN		ALL
15	PRS20024	AIR PRESSURE SWITCH, BLOCKED FLUE		ALL
16	PRS20028	AIR PRESSURE SWITCH		ALL
17	PLT3400	HOT SURFACE IGNITOR		ALL
18	GKT2012	GASKET, IGNITOR		ALL
<b>HEAT EXCHANGER</b>				
19	HEX30040	HEAT EXCHANGER HLW		502
19	HEX30042	HEAT EXCHANGER HLW		652
19	HEX30044	HEAT EXCHANGER HLW		752
20	JKD20001	V-BAFFLE (5 REQ.)		502
20	JKD20002	V-BAFFLE (5 REQ.)		652
20	JKD20003	V-BAFFLE (5 REQ.)		752
21	JKD60102	V-BAFFLE FRAME RUNNER (2 REQ)		502
21	JKD60103	V-BAFFLE FRAME RUNNER (2 REQ)		652
21	JKD60104	V-BAFFLE FRAME RUNNER (2 REQ)		752
22	MSC2969	V-BAFFLE RETAINER (2 REQ)		ALL
23	GKT2400	GASKET, HEAT SHIELD		ALL
24	WTR20003	FLOW SWITCH		ALL
25	TST20017	SENSOR,DUAL IMMERSION, OUTLET		ALL
26	TST2050	SENSOR, IMMERSION, INLET		ALL
27	TST2305	BULBWELL 3/4" NPT X .382 ID		ALL
28	RLV2017	RELIEF VALVE, TEMPERATURE & PRESSURE		ALL
<b>PUMP</b>				
29	ARM3044PABTE	PUMP		ALL
<b>MISCELLANEOUS</b>				
30	MSC3415	SIGHT GLASS KIT		ALL
31	GKT2401	GASKET, SIGHT GLASS		ALL
32	MSC20176	CONDUIT BODY		ALL
33	GKT2427	GASKET, ESCUTCHEON, 3/4"		ALL
34	MSC2413	SCREW, KNURLED HEAD		ALL
35	PVC30033	CPVC PIPING LOOP 2" HORIZONTAL		ALL
35	PVC30032	CPVC PIPING LOOP 2" VERTICAL		ALL
36	VAL20007	VALVE, BYPASS, 3-WAY		ALL
-	FIL2075	FILTER 12X12X1		ALL
-	GKT3408	GASKET, STRIP		ALL
-	FUS2001	FUSE, 3.15AMP		ALL
-	FUS2002	FUSE, 5 AMP		ALL
-	GKT2037	GASKET, ESCUTCHEON, 1 1/4"		ALL
<b>PLEASE HAVE MODEL NUMBER AND SERIAL NUMBER WHEN ORDERING PARTS</b>				

ITEM NO.	PART NO.	DESCRIPTION	MODEL NO.
<b>MISCELLANEOUS CONTINUED</b>			
-	GKT2429	GASKET, BURNER	ALL
-	GKT30000	GASKET, PVC 1/4" X 5/8" X 25'	ALL
-	MSC2155	TEE, 3/16" HOSE MENDER, NYLON	ALL
-	MSC2156	CAP, 3/16" TEE FITTING, SILICONE	ALL
-	TUB2002	TUBING, GRAY 3/16" X 5/16"	ALL
-	TUB2004	TUBING, ALUMINUM, 1/8"	ALL
-	WTR30000	LOW WATER CUT-OFF, MANUAL RESET (OPTIONAL)	ALL
-	WTR30001	LOW WATER CUT-OFF, AUTO RESET (OPTIONAL)	ALL
-	WTR2222	LOW WATER CUT-OFF PROBE (OPTIONAL)	ALL
-	WTR20000	LOW WATER CUT-OFF BOOT (OPTIONAL)	ALL
<b>LOCH-HEAT TILE</b>			
37	FIB2420	LOCH-HEAT TILE, FRONT HEAD SIDE	ALL
38	FIB2130	LOCH-HEAT TILE, REAR HEAD SIDE	ALL
39	FIB2132	LOCH-HEAT TILE, FRONT DOOR	502
39	FIB20100	LOCH-HEAT TILE, FRONT DOOR	652
39	FIB20101	LOCH-HEAT TILE, FRONT DOOR	752
40	FIB2502	LOCH-HEAT TILE, RIGHT BOTTOM	502
40	FIB2503	LOCH-HEAT TILE, RIGHT BOTTOM	652
40	FIB2504	LOCH-HEAT TILE, RIGHT BOTTOM	752
-	FIB20067	LOCH-HEAT TILE, MIDDLE BOTTOM	652
-	FIB2505	LOCH-HEAT TILE, MIDDLE BOTTOM	752
41	FIB2502	LOCH-HEAT TILE, LEFT BOTTOM	502
41	FIB20066	LOCH-HEAT TILE, LEFT BOTTOM	652
41	FIB2504	LOCH-HEAT TILE, LEFT BOTTOM	752
42	FIB2806	LOCH-HEAT TILE, DIVIDER	ALL
43	FIB2402	LOCH-HEAT TILE, BACK	502
43	FIB2403	LOCH-HEAT TILE, BACK	652
43	FIB2404	LOCH-HEAT TILE, BACK	752
44	FIB2480	INSULATION PAD, TOP	502
44	FIB2481	INSULATION PAD, TOP	652
44	FIB2482	INSULATION PAD, TOP	752
<b>JACKET ASSEMBLIES</b>			
45	JKD30017	JACKET, OUTER FRONT UPPER MIDDLE	ALL
46	JKD60069	JACKET, OUTER FRONT UPPER LEFT	502
46	JKD60070	JACKET, OUTER FRONT UPPER LEFT	652 & 752
47	JKD30018	JACKET, OUTER FRONT UPPER RIGHT	502
47	JKD30019	JACKET, OUTER FRONT UPPER RIGHT	652
47	JKD30020	JACKET, OUTER FRONT UPPER RIGHT	752
48	JKD60061	JACKET, OUTER FRONT LOWER	502
48	JKD60062	JACKET, OUTER FRONT LOWER	652
48	JKD60063	JACKET, OUTER FRONT LOWER	752
49	JKD60054	JACKET, OUTER REAR HEAD	502
49	JKD60074	JACKET, OUTER REAR HEAD	652 & 752
50	JKD60052	JACKET, OUTER FRONT LOWER HEAD	ALL
51	JKD60057	JACKET, OUTER TOP	502
51	JKD60058	JACKET, OUTER TOP	652
51	JKD60059	JACKET, OUTER TOP	752
52	JKD30014	DOOR, COMBUSTION CHAMBER	502
52	JKD30015	DOOR, COMBUSTION CHAMBER	652
52	JKD30016	DOOR, COMBUSTION CHAMBER	752
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