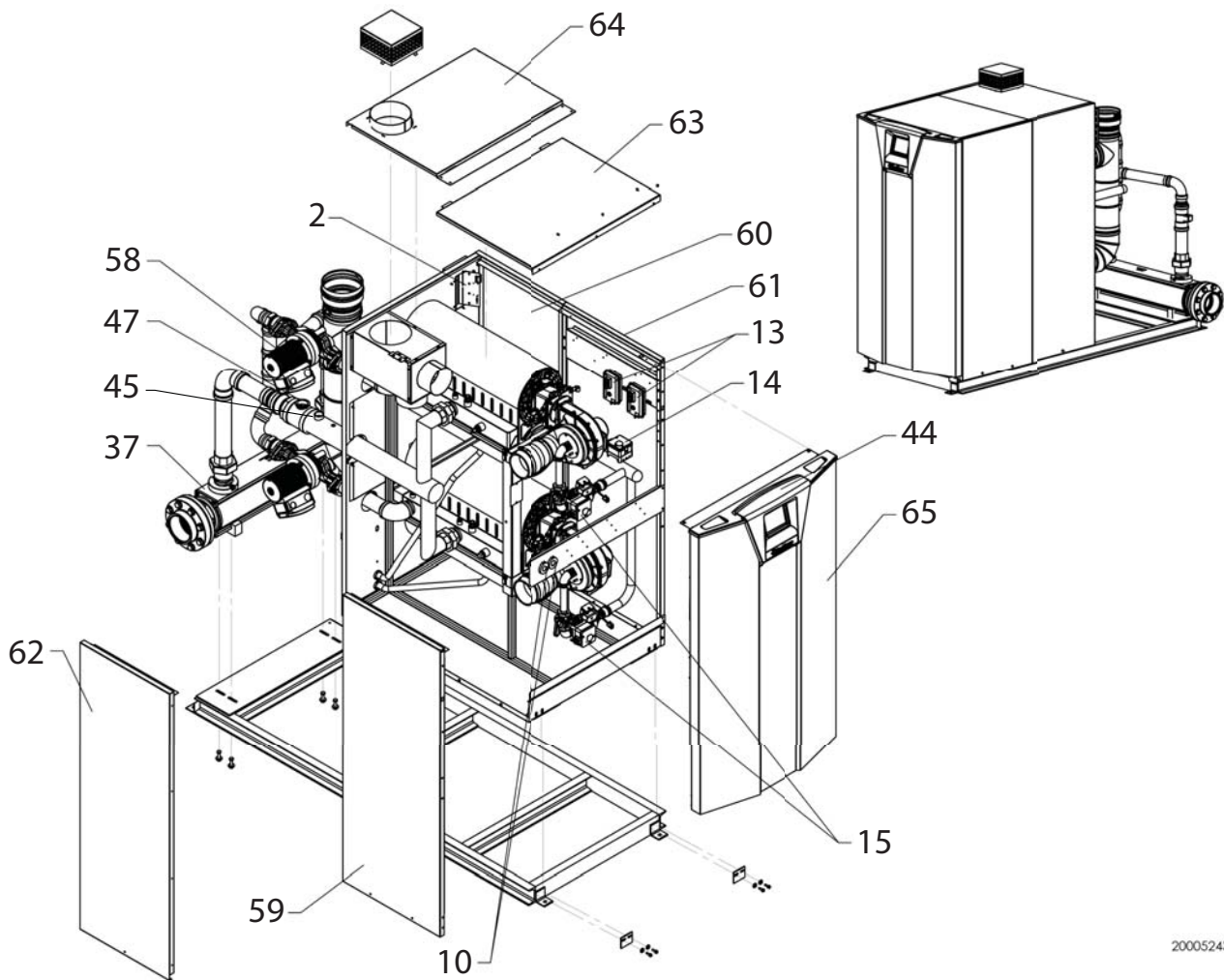




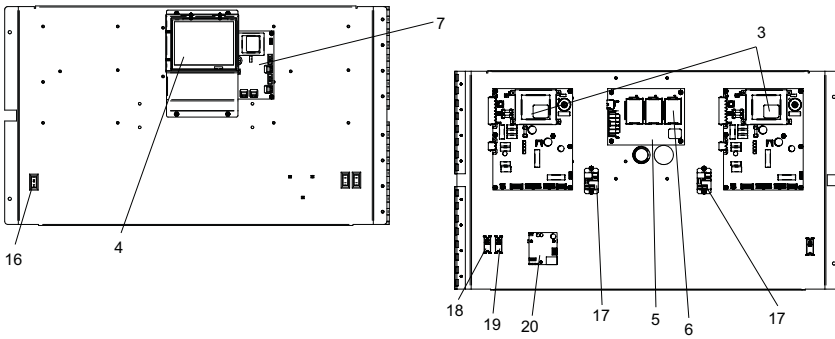
PARTS & SERVICE DEPARTMENT
 Nashville, Tennessee
 615-889-8900 • Fax: 615-882-2918
 parts_team@lochinvar.com
 www.Lochinvar.com

Replacement Parts List

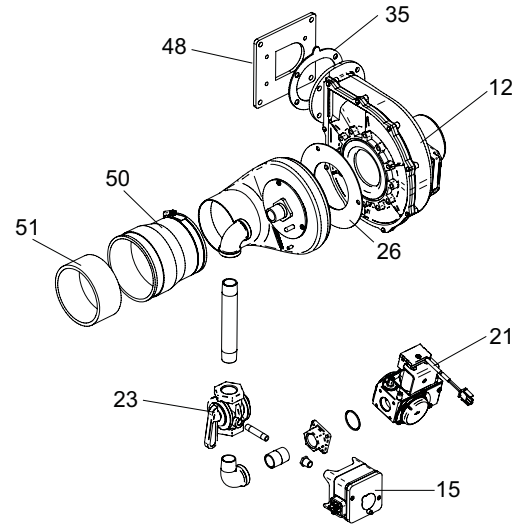
SYNC®
AQUAS™ COMMERCIAL POOL PACKAGE
XP 1002 - 1502



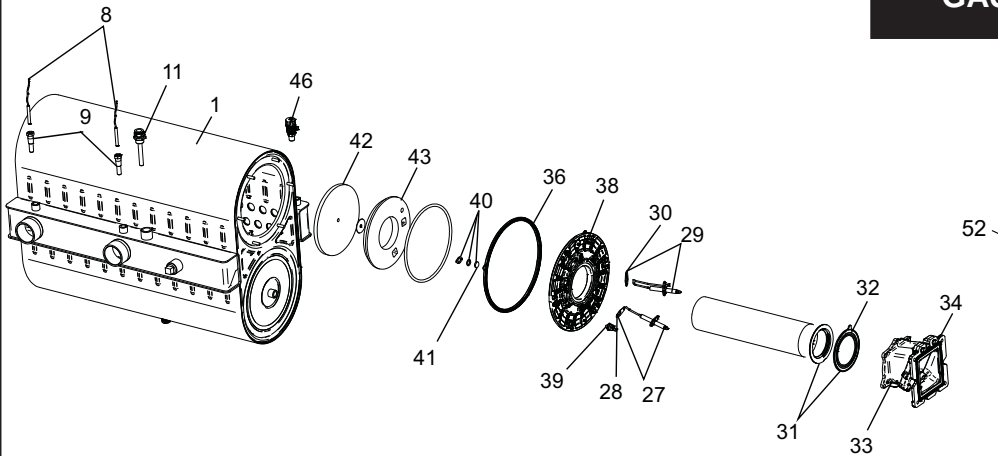
CONTROL PANEL ASSEMBLY



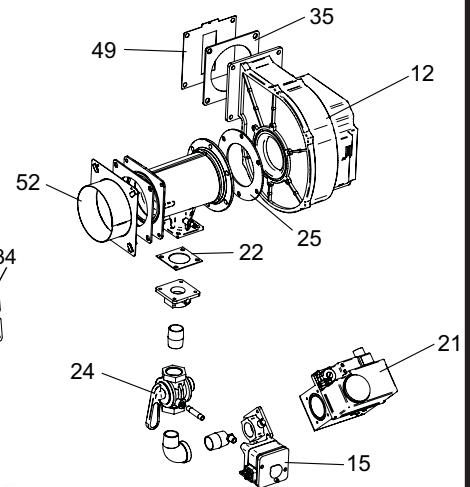
GAS TRAIN XPN 1002



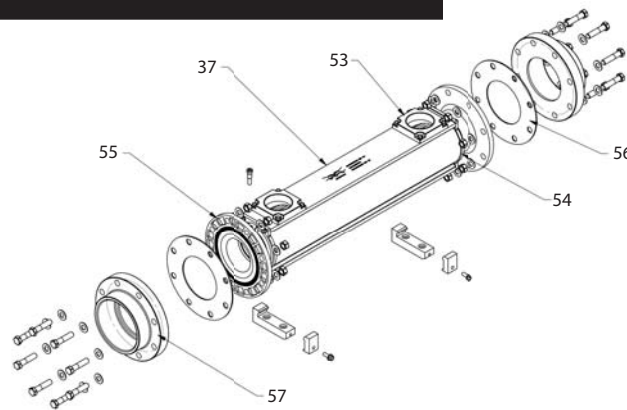
HEAT EXCHANGER ASSEMBLY



GAS TRAIN XPN 1302, 1502



SECONDARY/AUXILIARY HEAT EXCHANGER



ITEM NO.	PART NO.	LEGACY NO.	DESCRIPTION	MODEL
HEAT EXCHANGER ASSEMBLY				
1	100147302	HEX30000	HEAT EXCHANGER	XP 1002
1	100147303	HEX30001	HEAT EXCHANGER	XP 1302
1	100147304	HEX30002	HEAT EXCHANGER	XP 1502
CONTROLS				
2	100167547	RLY20023	LOW VOLTAGE CONNECTION BOARD	ALL

PLEASE HAVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS

ITEM NO.	PART NO.	LEGACY NO.	DESCRIPTION	MODEL
CONTROLS (CONTINUED)				
3	100167846	RLY30089	INTEGRADED CONTROL	XP 1002
3	100167848	RLY30091	INTEGRADED CONTROL	XP 1302 - 1502
3	100167847	RLY30090	INTEGRATED CONTROL HIGH ALTITUDE	XP 1002
3	100167849	RLY30092	INTEGRATED CONTROL HIGH ALTITUDE	XP 1302 - 1502
4	100167787	RLY30031	LCD DISPLAY	ALL
5	100167683	RLY2085	PUMP RELAY BOARD	ALL
6	100167708	RLY2222	1.5HP PUMP RELAY	ALL
7	100167571	RLY20054	ECS CONTROL BOARD	ALL
8	100170581	TST2032	INLET/OUTLET SENSOR	ALL
9	100170590	TST2044	BULB WELL, INLET/OUTLET SENSOR	ALL
10	100148393	HLC2701	MANUAL RESET HIGH LIMIT	ALL
11	100170603	TST2306	BULB WELL, HIGH LIMIT	ALL
12	100144984	FAN30005	FAN ASSEMBLY	XP 1002
12	100144980	FAN30001	FAN ASSEMBLY	XP 1302 - 1502
13	100166152	PRS2054	AIR PRESSURE SWITCH	ALL
13	100166112	PRS20018	AIR PRESSURE SWITCH, HIGH ALTITUDE	ALL
14	100166147	PRS2046	GAS PRESSURE SWITCH, LOW	ALL
15	100166148	PRS2047	GAS PRESSURE SWITCH, HIGH	ALL
16	100169476	SWT2006	ON/OFF SWITCH	ALL
17	100167686	RLY2105	RELAY, 24VAC	ALL
18	100169472	SWT2002	MOMENTARY OFF SWITCH, RED	ALL
19	100169473	SWT2003	MOMENTARY OFF SWITCH, BLACK	ALL
20	100173747	WTR30000	LOW WATER CUT-OFF, MANUAL RESET	ALL
20	100173748	WTR30001	LOW WATER CUT-OFF, AUTO RESET	ALL
-	100173648	WTR20011	PROBE, LWCO	ALL
-	100173640	WTR20000	BOOT, LWCO	ALL
GAS VALVES				
21	100171924	VAL30007	GAS VALVE ASSEMBLY NAT	XPN1002
21	100171925	VAL30008	GAS VALVE ASSEMBLY NAT	XPN1302
21	100171926	VAL30009	GAS VALVE ASSEMBLY NAT	XPN1502
21	100171932	VAL30015	GAS VALVE ASSEMBLY LP	XPL1002
21	100171933	VAL30016	GAS VALVE ASSEMBLY LP	XPL1302
21	100171934	VAL30017	GAS VALVE ASSEMBLY LP	XPL1502
22	100146470	GKT2050	GAS VALVE GASKET	XP 1302 - 1502
23	100146148	GAC2028	GAS CUT OFF VALVE 3/4"	XP 1002
24	100146149	GAC2029	GAS CUT OFF VALVE 1X1	XP 1302 - 1502
25	100146495	GKT2081	GASKET, VENTURI	XP 1302 - 1502
-	100171912	VAL2951	GAS CUT OFF VALVE 1 1/2"	ALL
26	100146494	GKT2080	AIR SHROUD GASKET	XP 1002
PILOT & BURNER ASSEMBLIES				
27	100165931	PLT3023	FLAME SENSOR W/ GASKET	ALL
28	100146550	GKT2450	GASKET, FLAME SENSOR	ALL
29	100165920	PLT30000	IGNITER W/ GASKET	ALL
30	100146549	GKT2449	GASKET, IGNITER	ALL
31	100135261	BNR30000	BURNER W/ GASKET	XP 1002
31	100135262	BNR30001	BURNER W/ GASKET	XP 1302
31	100135263	BNR30002	BURNER W/ GASKET	XP 1502
32	100146481	GKT2062	GASKET, BURNER	ALL
33	100173641	WTR20001	FLAPPER VALVE ASSEMBLY & STABILATOR	ALL
34	100146342	GKT20012	GASKET, FLAPPER VALVE	ALL
35	100146458	GKT2034	GASKET, FAN	XP 1302 - 1502
35	100146542	GKT2438	GASKET, FAN	XP 1002
36	100146482	GKT2063	GASKET DOOR RUBBER	ALL
INDIRECT HEAT EXCHANGERS				
37	100208920	HEX30104	KIT, HEAT EXCHANGER, INDIRECT, CUNI, 1.5, SVC	XP 1002
37	100208921	HEX30105	KIT, HEAT EXCHANGER, INDIRECT, CUNI, 2.0, SVC	XP 1302 - 1502
37	100208923	HEX30107	KIT, HEAT EXCHANGER, INDIRECT, TI, 1.5, SVC	XP 1002
37	100208924	HEX30108	KIT, HEAT EXCHANGER, INDIRECT, TI, 2.0, SVC	XP 1302 - 1502
38	100173799	WTR3086	HEX ACCESS DOOR KIT	ALL
39	100094572	HLC20005	HEX DOOR TEMP SWITCH	ALL

PLEASE HAVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS

ITEM NO.	PART NO.	LEGACY NO.	DESCRIPTION	MODEL
MISCELLANEOUS				
40	100163249	MSC3180	SIGHT GLASS	ALL
41	100146553	GKT2453	GASKET, SIGHT GLASS	ALL
42	100145494	FIB2167	DIVIDER PLATE, INSULATION BAFFLE	ALL
43	100145476	FIB2146	BURNER PLATE, INSULATION, DOOR	ALL
44	100162556	MSC20069	DISPLAY BEZEL	ALL
45	100167384	RLV20007	RELIEF VALVE 30 PSI	XP 1002
45	100167564	RLY20046	RELIEF VALVE 30 PSI	XP 1302 - 1502
46	100167445	RLV30000	AIR VENT VALVE	ALL
47	100146999	GTP2900	GAUGE TRIOMETER, 75# PSI	ALL
48	100149666	JKB20001	ADAPTER, FAN	XP 1002
49	100150174	JKB60071	AIR SHUTTER	XP 1302
50	100138385	CPG2064	COUPLING 4"	XP 1002
-	100138301	CPG20000	COUPLING 6"	ALL
51	100166490	PVC20025	INLET STIFFENER	XP 1002
52	100151317	JKD5040	INLET ADAPTER	XP 1302 - 1502
-	100143781	EXP20000	EXPANSION TANK, 2 GAL	ALL
-	100146009	FUS2000	1.25 AMP	ALL
-	100146012	FUS2001	3.15 AMP	ALL
-	100146013	FUS2002	5 AMP	ALL
-	100163242	MSC30049	CONDENSATE TRAP	ALL
-	100169481	SWT2011	BLOCKED DRAIN SWITCH	ALL
-	100170652	TST3403	FLUE TEMP SENSOR KIT	ALL
-	100157700	KIT3046	NEUTRALIZER KIT	ALL
-	100157719	KIT3085	ALARM BELL KIT	ALL
-	100157612	KIT30047	SIDEWALL VENT KIT	ALL
-	100157628	KIT30064	HEAT EXCHANGER CLEANING KIT	ALL
-	100162552	MSC20062	DOOR CATCH	ALL
-	100162929	MSC2202	DOOR STRIKE	ALL
-	100148402	HLC30000	LIMIT, HEAT EXCHANGER OVER TEMP	ALL
53	100208989	MSC30098	KIT, O-RING 139.7 X 5.33, END CAP	ALL
54	100232478	MSC30099	KIT, O-RING 78.97 X 3.53, BOILER CONNECTION	ALL
55	100209140	PVC30037	KIT, END CAP FLANGE 4" ID AQUAS ALFA LAVA	XP 1002
55	100209141	PVC30038	KIT, END CAP FLANGE 6" ID AQUAS ALFA LAVA	XP 1302 - 1502
56	100146433	GKT20130	GASKET, 4" EPDM	XP 1002
56	100146431	GKT20129	GASKET, 6" EPDM	XP 1302 - 1502
57	100166550	PVC20100	FLANGE, 4", CPVC	XP 1002
57	100166549	PVC20099	FLANGE, 6", CPVC	XP 1302 - 1502
PUMP				
58	100166416	PUM30018	PUMP ASSEMBLY	ALL
JACKET ASSEMBLIES				
59	100149699	JKB30020	JACKET, OUTER SIDE, LEFT FRONT	ALL
60	100150493	JKB60397	JACKET, OUTER SIDE, RIGHT REAR	XP 1002
60	100150509	JKB60411	JACKET, OUTER SIDE, RIGHT REAR	XP 1302
60	100150510	JKB60412	JACKET, OUTER SIDE, RIGHT REAR	XP 1502
61	100149700	JKB30021	JACKET, OUTER SIDE, RIGHT FRONT	ALL
62	100150490	JKB60394	JACKET, OUTER SIDE, LEFT REAR	XP 1002
62	100150506	JKB60409	JACKET, OUTER SIDE, LEFT REAR	XP 1302
62	100150508	JKB60410	JACKET, OUTER SIDE, LEFT REAR	XP 1502
63	100150494	JKB60398	JACKET, OUTER FRONT TOP	ALL
64	100150488	JKB60392	JACKET, OUTER REAR TOP	XP 1002
64	100150504	JKB60407	JACKET, OUTER REAR TOP	XP 1302
64	100150505	JKB60408	JACKET, OUTER REAR TOP	XP 1502
65	100149701	JKB30022	JACKET, FRONT DOOR ASSEMBLY	ALL

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