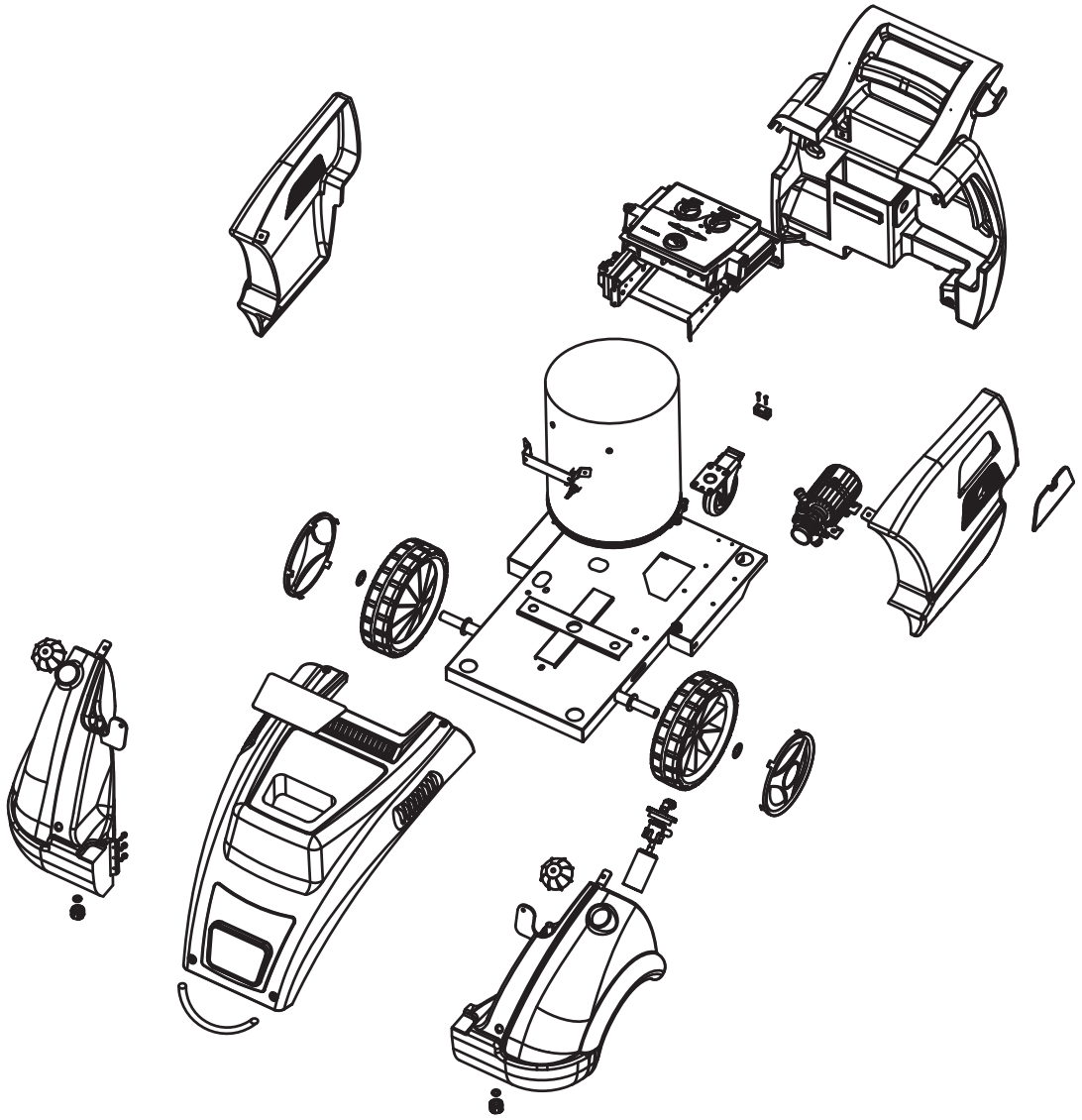
OPTIMA STEAMER

PART LIST FOR EST
(14. Ver. G2.3.00-2017.07.01)

1. FRAME ASSEMBLY
2. FEED WATER & STEAM PIPE
3. FEED WATER LINE
4. STEAM GENERATOR (27K)
5. STEAM GENERATOR (18K)
6. STEAM GENERATOR (12K)
7. STEAM GENERATOR (05K)
8. CONTROL BOX (27K)
9. CONTROL BOX (18K, 380V~)
10. CONTROL BOX (18K, 208~230V)
11. CONTROL BOX (12K, 380V~)
12. CONTROL BOX (12K, 208~230V)
13. CONTROL BOX (05K, 208~230V)
14. SCHEMATIC DIAGRAM (27K)
15. SCHEMATIC DIAGRAM (18K, 380V~)
16. SCHEMATIC DIAGRAM (18K, 230V)
17. SCHEMATIC DIAGRAM (18K, 208V)
18. SCHEMATIC DIAGRAM (12K, 380V~)
19. SCHEMATIC DIAGRAM (12K, 230V)
20. SCHEMATIC DIAGRAM (12K, 208V)
21. SCHEMATIC DIAGRAM (05K, 230V)
22. SCHEMATIC DIAGRAM (05K, 208V)
23. ACCESSORIES & OPTIONAL PARTS
24. OPTIMA EST STICKER
25. OPTIONAL PART

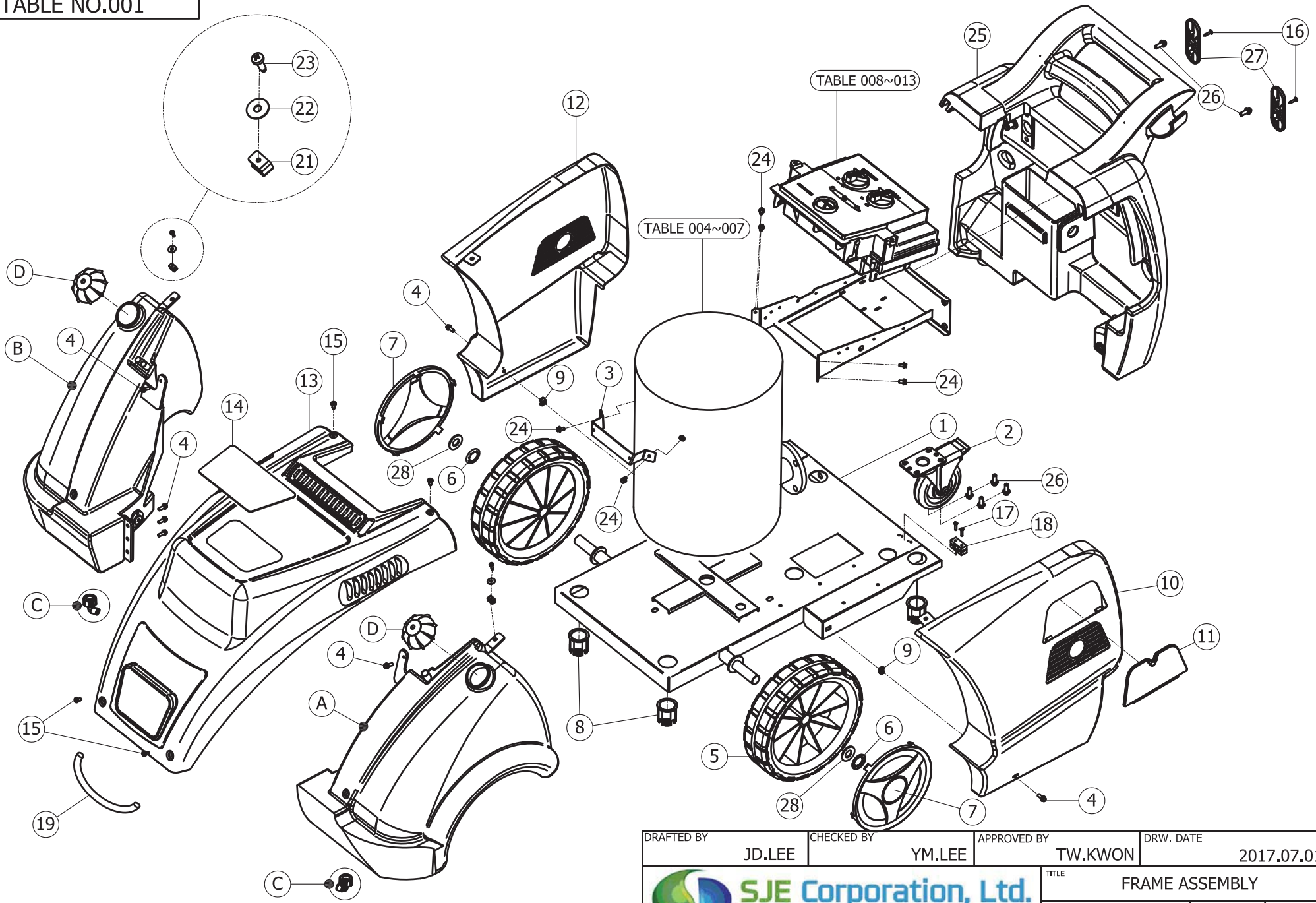


SJE Corporation, Ltd.
Global Leader of Green solutions

78-21, Sandan 7-Ro, Jeonggwan-Eup, Gijang-Gun, Busan, Rep. of Korea.
TEL. +82-51-521-3200 / +82-51-727-5775 FAX +82-51-521-3305
WEBSITE: http://www.sjecorp.com / E-MAIL: info@sjecorp.com

PRINTED IN KOREA SJE

TABLE NO.001



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

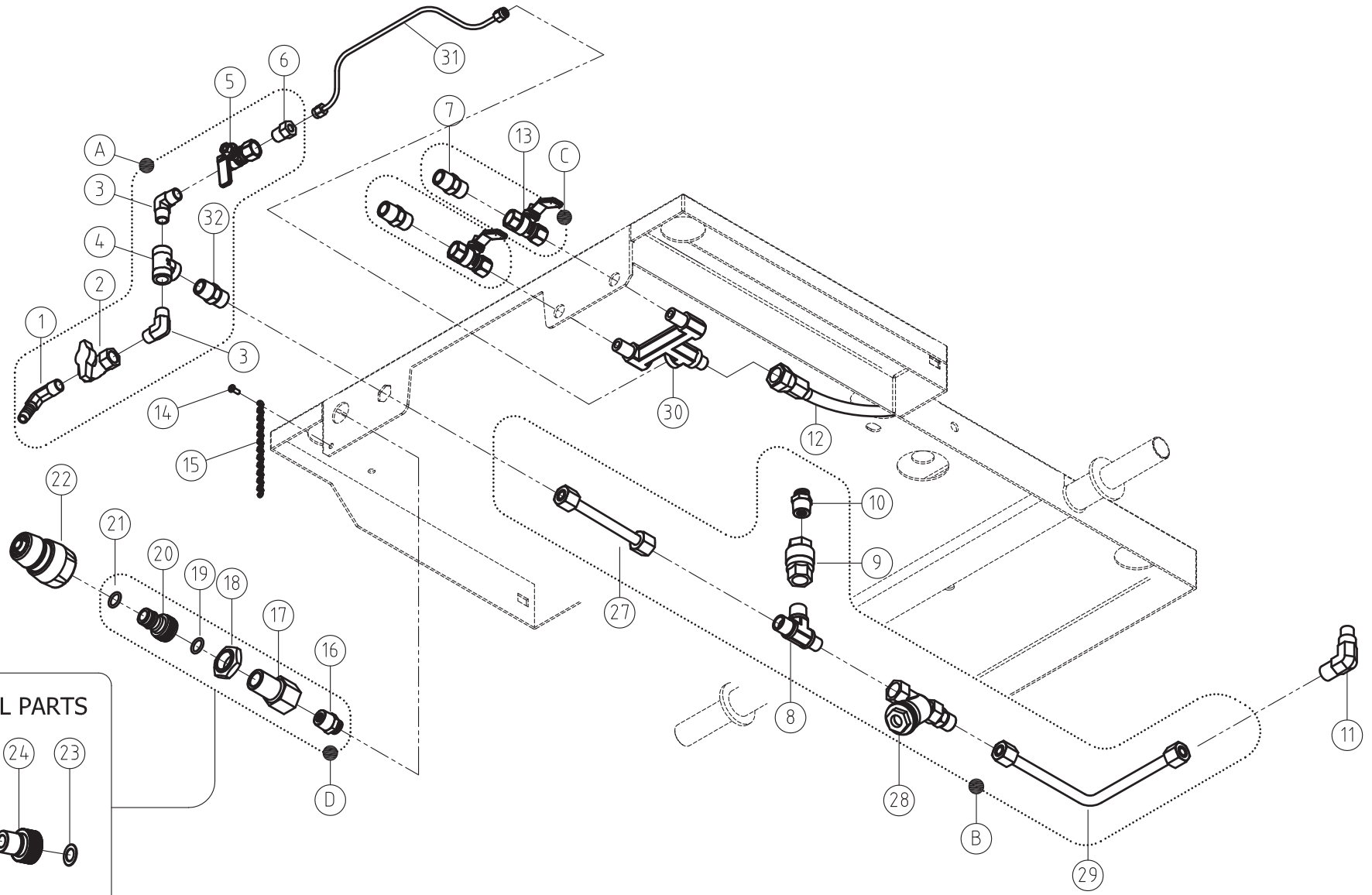
SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE			
FRAME ASSEMBLY			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 12	A4	

TABLE NO. 001 : FRAME ASSEMBLY

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	20-00006	Chassis optima 4V.	1	EA	SS400	2016.08		
2	70585	Turning wheel with brake D.125	1	EA				
3	70489	Tank support P176-3V.	1	EA	SS400			
4	70419	Flange bolt M6 x 15	7	EA				
5	70581	Wheel D.305-D.25 RT	2	EA				
6	70381	Wheel stopper D.25	2	EA				
7	70533	Wheel Cap, Red	2	EA	PP			
7	70534	Wheel Cap, Blue	(2)	EA	PP			
7	70535	Wheel Cap, Green	(2)	EA	PP			
7	70536	Wheel Cap, Yellow	(2)	EA	PP			
8	70554	Ring nut M39x3	4	EA	PEHD			
9	70389	Nut M6 GB 1.7x2.5	2	EA	PP			
10	70510	Lateral panel P176 SX, Red	1	EA	PP			
10	70511	Lateral panel P176 SX, Blue	(1)	EA	PP			
10	70512	Lateral panel P176 SX, Green	(1)	EA	PP			
10	70513	Lateral panel P176 SX, Yellow	(1)	EA	PP			
11	70517	Throttle Door P176, Red	1	EA	PP			
11	70518	Throttle Door P176, blue	(1)	EA	PP			
11	70519	Throttle Door P176, green	(1)	EA	PP			
11	70520	Throttle Door P176, yellow	(1)	EA	PP			
12	70503	Lateral panel P176 DX, Red	1	EA	PP			
12	70504	Lateral panel P176 DX, Blue	(1)	EA	PP			
12	70505	Lateral panel P176 DX, Green	(1)	EA	PP			
12	70506	Lateral panel P176 DX, Yellow	(1)	EA	PP			
13	70496	Top Cover P176-Optima, Red	1	EA	PP			
13	70497	Top Cover P176-Optima, Blue	(1)	EA	PP			
13	70498	Top Cover P176-Optima, Green	(1)	EA	PP			
13	70499	Top Cover P176-Optima, Yellow	(1)	EA	PP			
14	70494	Panel OPTIMA-EST sus.	1	EA	SUS			
15	70415	Truss head Bolt M6 x 12	4	EA				
16	70500	Screw T / T M4.8 x 20	2	EA				
17	70412	Pan head screw M4 x 25	2	EA				
18	70315	Cable clamp KSM, power	1	EA	PEHD			
19	71257	Water feeding U-Tube, D.12x8	0.1	M		2017.01		
21	70385	Nut spring	2	EA				
22	70379	Washer D.5.5-16	7	EA				
23	70407	Screw RH-TP 2종 M5 x 12	2	EA				
24	70422	Flange bolt M6 x 10	6	EA				
25	70551	Handle OPTIMA	1	EA	PEHD			
26	70421	Flange bolt M8 x 15	6	EA				
27	70525	Handle Cap P176, Red	2	EA	PP			
27	70526	Handle Cap P176, Blue	(2)	EA	PP			
27	70527	Handle Cap P176, Green	(2)	EA	PP			
27	70528	Handle Cap P176, Yellow	(2)	EA	PP			
28	14-41018	Plain washer M24	2	EA		2015.02		
A	80-05040	Water tank assembly, 3V.DMF,EST	1	SET		2013.04		
B	80-05060	Water tank assembly, 3V.EST	1	SET		2015.02		
C	80-05107	Drain Cap assy for Water tank, D.12 EST 3V.	2	SET		2017.01		
D	A70550	Water tank Cap, Black EST	2	SET	PP			

TABLE NO. 002



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

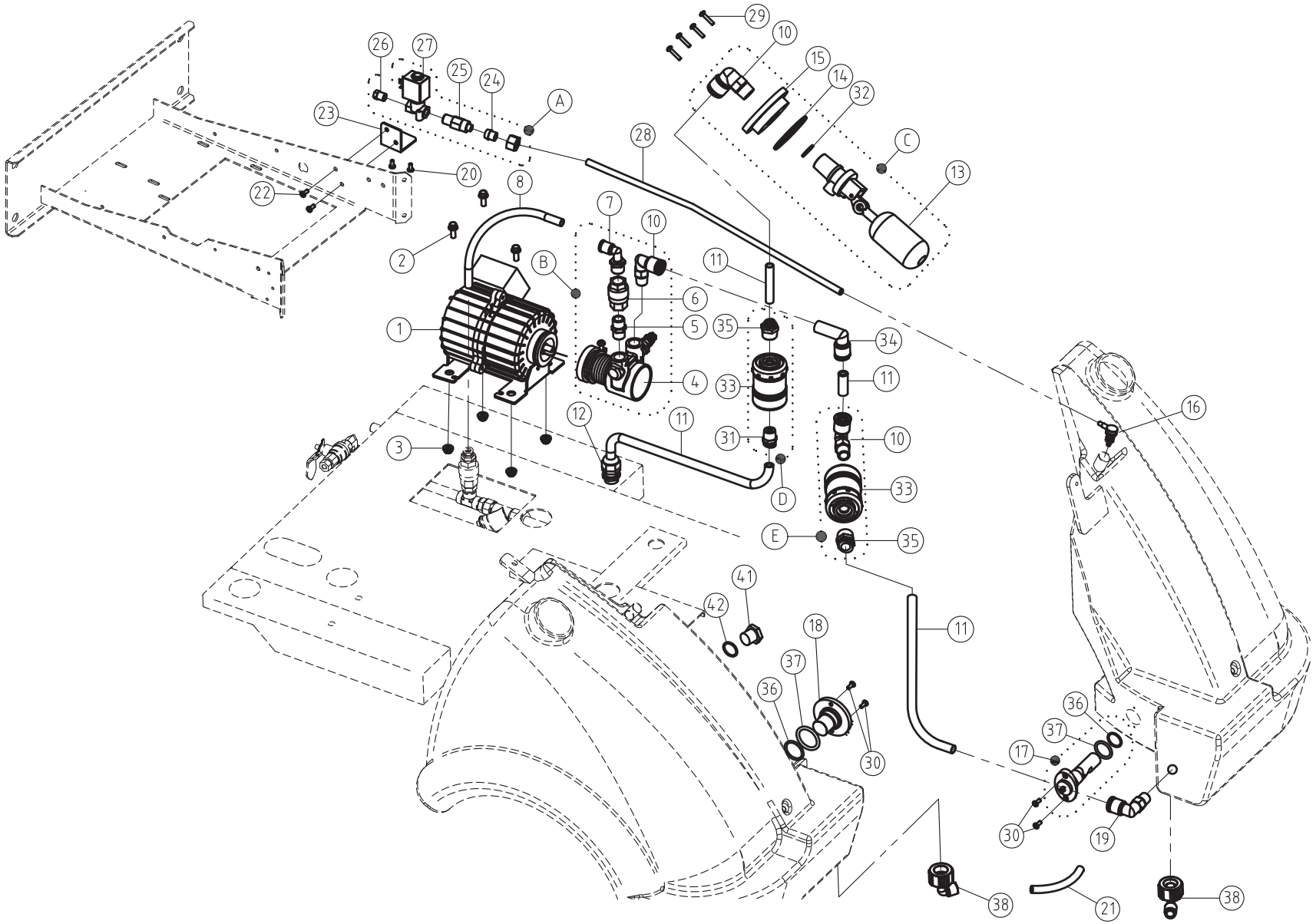
TITLE: FEED WATER & STEAM PIPE

MODEL	SCALE	SIZE
OPTIMA EST	1: 8	A4

TABLE NO. 002 : FEED WATER & STEAM PIPE

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	70850	Hose fitting PT1/4M - 9.5 elbow, brass	1	EA	BRASS	2008.03		
2	70242	Drain valve, PT1/4F, plated zinc	1	EA		2008.03		
3	70796	Elbow nipple PT1/4M, brass	2	EA	BRASS			
4	70785	Tee-nipple PT1/4F, brass	1	EA	BRASS			
5	32-23030	Steam Ball Valve, 1/4, blue, R250D	1	EA		2016.08		
6	70839	Ring nipple PT1/4M - M8, brass	1	EA	BRASS	2008.03		
7	70829	Nipple PF3/8M - PT1/4M, brass	2	EA	BRASS			
8	22-20033	Tee-nipple M16 - PT3/8M - PT1/4M	1	EA	BRASS	2016.01		
9	70252	Non-return valve, G3/8F, 150℃	1	EA	BRASS	2007.02		
10	32-21006	One touch nipple CMPC 10-03 (3/8)	1	EA		2017.01		
11	22-21009	Bite connector long elbow 10x1/4, sus	1	EA	SUS	2017.07		
12	71281	Flexible Steam pipe L.540 (2H)	1	EA		2013.06		
12	71287	Flexible Steam pipe L.580 (3H)	(1)	EA		2013.06		
13	32-23029	Steam Ball Valve, 1/4, red, R250D	1	EA		2016.08		
14	70410	Flat head cap screw M4 x 10	1	EA				
15	71060	Ground chain, zinc	0.2	M	SS			
16	71261	One touch nipple PC1203 (3/8)	1	EA		2017.07		
17	22-20079	Nipple PF1/2M - PT3/8F L.47	1	EA		2017.07		
18	70853	Ring nut 1/2 x 8 CH30, Setscrew Tab	1	EA		2011.11		
19	70912	O-ring D.19.5 x 2.5, P15	1	EA				
20	70615	Plug G1/2F - 10.5 for Coupling	1	EA		2010.05		
21	70913	O-ring D.15.5 x 2.5 U111	1	EA				
22	70612	Couplings D. 1/2-5/8 PTC	1	EA				
23	70362	Gasket D.12x25x3 NBR	1	EA	NBR			
24	71365	Swivel nipple PF3/4F - PF1/2M, USA	1	EA		2014.06		
25	70856	Socket PF1/2F, L.20	1	EA		2014.06		
26	70912	O-ring D.19.5 x 2.5, P15	1	EA				
27	82-22030	Water line sus pipe assy 2V D.10 L162, DMF/EST	1	SET		2017.07		
28	82-22008	Water line y-strainer assy 1/4F	1	SET		2016.01		
29	82-22031	Water line sus pipe assy 2V D.10 L307, EST	1	SET		2017.07		
30	A71662	Steam outlet 3-way assembly	1	SET		2016.01		
31	82-29307	Copper pipe D.4, L.319 humidification 3V. DM / EST	1	SET	COPPER	2016.01		
32	22-20083	Nipple M16P1.5 - PF1/4M, brass	1	EA		2017.07		
A	82-23047	Water Drain Assembly 4V - (1, 2, 3, 4, 5, 6, 32)	1	SET		2017.07		
B	82-20082	Water line assembly 5V. EST - (8, 9, 10, 27, 28, 29)	1	SET		2017.07		
C	82-23032	Steam outlet valve PF3/8 2V - (7, 13)	2	SET		2016.08		
D	82-20080	Water inlet nipple assembly 2V. - (16, 17, 18, 19, 20, 21)	1	SET		2017.07		
E	A71619	Garden hose adapter 3/4 " - (23, 24, 25, 26)	1	SET		2014.06		

TABLE NO. 003



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

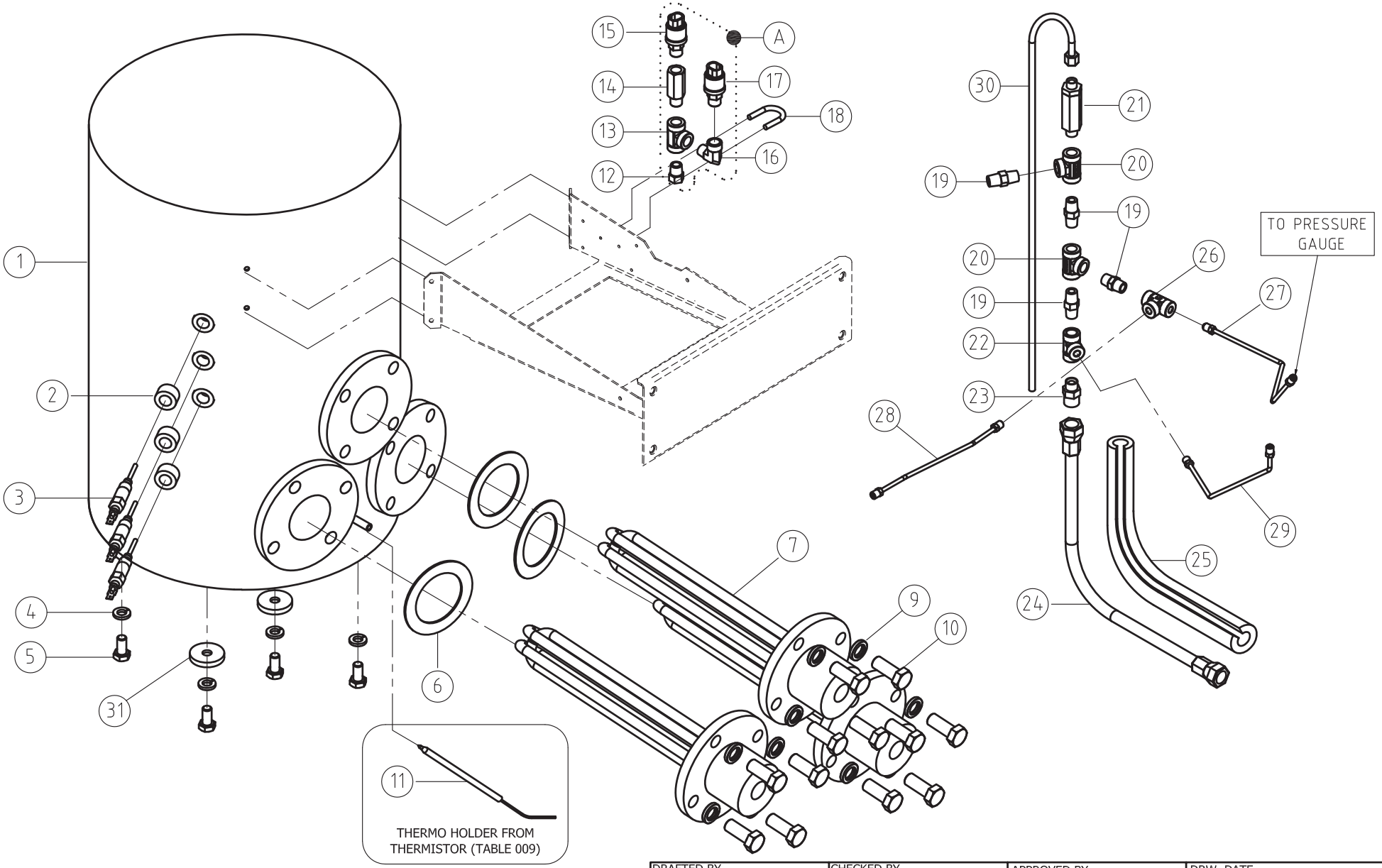
SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE			
FEED WATER LINE			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 4	A4	

TABLE NO. 003 : FEED WATER LINE

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	71238	Feedwater Motor 230V 50/60Hz	1	EA		2014.06		
2	70419	Flange bolt M6 x 15	4	EA				
4	70133	Feedwater pump MO204V viton	1	EA				
5	70830	Nipple PT3/8M, brass	1	EA	BRASS			
6	70252	Non-return valve, G3/8F, 150℃	1	EA		2007.02		
7	32-21007	One touch nipple CMPL 10-03 (3/8)	1	EA		2017.01		
8	71291	Teflon tube D.10 x 8	0.25	M	PTFE	2013.04		
10	71254	One touch nipple PL1203 (3/8)	3	EA		2013.04		
11	71257	Water feeding U-Tube, D.12x8	1.4	M		2013.04		
12	70348	Cable gland PG13.5	1	EA		2013.04		
13	32-23014	Floater 3/4, DN20BX	1	EA		2016.01		
14	71258	O-Ring D.55.25x2.62, U139	1	EA		2013.04		
15	71251	Float adapter D.80-60, G3/4-PT3/8	1	EA	MC NYLON	2013.04		
16	71366	One touch nipple PLJ8	1	EA		2015.08		
17	70171	Floater level switch	1	EA	NBR	2008.09		
18	21-19001	Tank hole Plug 2V.	1	EA		2017.01		
19	71364	One touch nipple PL12-G03 (3/8)	1	EA		2015.02		
20	70411	Truss head screw M4 x 10	2	EA		2014.09		
21	71257	Water feeding U-Tube, D.12x8	0.1	M		2017.01		
22	70416	Truss head screw M5 x 12	2	EA				
23	70487	Air valve bracket, sus	1	EA		2014.01		
24	71361	Sleeve D.8 for tube fitting	1	EA		2013.10		
25	71360	Two touch fitting C4N8X6-PT1/8	1	EA		2013.10		
26	70868	Joint body, PD4	1	EA	BRASS			
27	71231	Electronic valve JYZ-3E 230V, air purge	1	EA		2013.10		
28	70640	Teflon tube D.8 x 6	0.5	EA		2013.10		
29	70500	Screw T / T M4.8 x 20	4	EA				
30	14-40015	SCREW TCB-TC 3.5x12 II	4	EA				
31	71261	One touch nipple PC1203 (3/8)	1	EA		2013.04		
32	70362	Gasket D.12x25x3 NBR	1	EA				
33	71370	Water filter 3/8 - 1/2, mesh	2	EA		2014.06		
34	71252	One touch nipple PLJ12	1	EA		2013.04		
35	71256	One touch nipple PC1204 (1/2)	2	EA		2013.04		
36	70917	O-ring D.17.12 x 2.62 U115	2	EA				
37	70911	O-ring D.21.89x2.62 U118	2	EA	NBR			
38	80-05107	Drain Cap assy for Water tank, D.12 EST 3V.	2	SET		2017.01		
41	70598	Plug G1/4, brass	1	EA	BRASS			
42	70367	O-Ring D.9.8 x 1.9 P10	1	EA	NBR			
A	A71711	Air purge valve assembly 220/230V 2V.	1	SET		2014.01		
B	82-23043	Water pump assembly 2V.	1	SET		2017.01		
C	A71250	Water Float assembly	1	SET		2013.05		
D	82-24005	Water filter assembly, mesh	1	SET		2017.01		
E	A71659	Water filter assembly ,mesh DMF/EST	1	SET		2014.01		

TABLE NO. 004



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

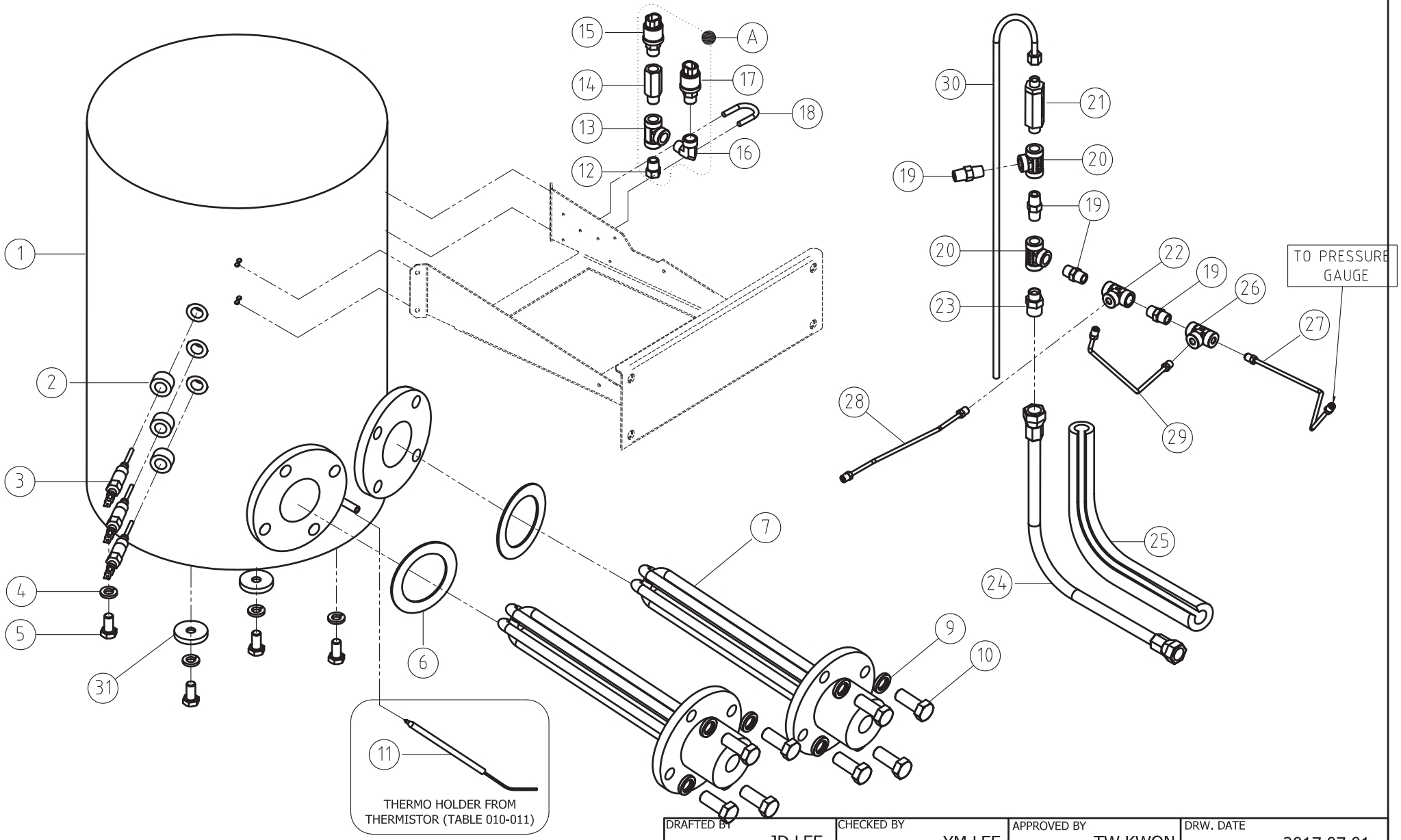
SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE			
STEAM GENERATOR (27K)			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 4	A4	

TABLE NO. 004 : STEAM GENERATOR (27K)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	21-10021	Electric steam vessel, 3h 19.5L 5V	1	EA	STS	2017.01		
2	70635	Foam Silicon tube 12 x 24, brown	0.9	M	SILICON			
3	70175	Water probe sensor	3	EA		2014.07		
4	70377	Spring washer M10	4	EA				
5	70423	Hex. bolt M10 x 20	4	EA				
6	70355	Packing D.90 x 62, Teflon	3	EA	PTFE			
7	70460	Electric heater 9KW, 3ph 230/400V	3	EA				
7	70469	Electric heater 9KW, 3ph 415V	(3)	EA				
7	70471	Electric heater 9KW, 3ph 440V	(3)	EA				
7	70470	Electric heater 9KW, 3ph 460V	(3)	EA				
7	70478	Electric heater 9KW, 3ph 480V	(3)	EA				
7	23-34012	Electric heater 9KW, 3ph 600V	(3)	EA		2016.07		
9	70383	Spring washer M14	12	EA				
10	70424	Hex. bolt M14 x 35	12	EA				
11	71380	Thermistor temp. sensor	1	EA		2014.07		
12	70839	Ring nipple PT1/4M - M8, brass	1	EA	BRASS			
13	70785	Tee-nipple PT1/4F, brass	1	EA	BRASS			
14	71268	Nipple PT1/4 M-F L.45, brass	1	EA	BRASS	2013.10		
15	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
16	70803	Elbow nipple PT1/4MF, brass	1	EA	BRASS			
17	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
18	71352	U-bolt 1/4 x 10A, sus	1	EA	STS	2013.11		
19	70821	Nipple PT1/4M, sus	4	EA	STS			
20	70786	Tee-nipple PT1/4F, sus316	2	EA	STS			
21	22-23046	Safety valve 9.5bar 1/4M-M16 2V.	1	EA		2017.07		
22	70788	Tee-nipple PT1/4F - M8 - PT1/4F, brass	1	EA	BRASS	2009.09		
23	70829	Nipple 3/8PF - 1/4PT, brass	1	EA	BRASS			
24	71287	Flexible Steam pipe L.580 (3H)	1	EA		2013.06		
25	70636	Foam Silicon tube 22 x 32, brown	0.42	M	SILICON			
26	70789	Tee-nipple 1/4F - M8 x 2, brass	1	EA	BRASS	2009.09		
27	A71871	Copper pipe D.4 L.478, pressure gauge, EST-3h, 3V.	1	EA	COPPER	2014.01		
28	A71862	Copper pipe D.4 L.340, air valve, EST-3h, 3V.	1	EA	COPPER	2014.07		
29	A71852	Copper pipe D.4 L.165, pressure s/w, EST-3h, 3V.	1	EA	COPPER	2014.01		
30	A71882	Drain Out D.10 SUS, L.635 EST-3h	1	EA	COPPER	2011.11		
31	14-41015	Plain washer M10X40X3t , sus	2	EA		2017.01		
A	A71683	Pressure switch line assembly, DM-EST-(12, 13, 14, 15, 16, 17)	1	SET		2015.03		

TABLE NO. 005



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

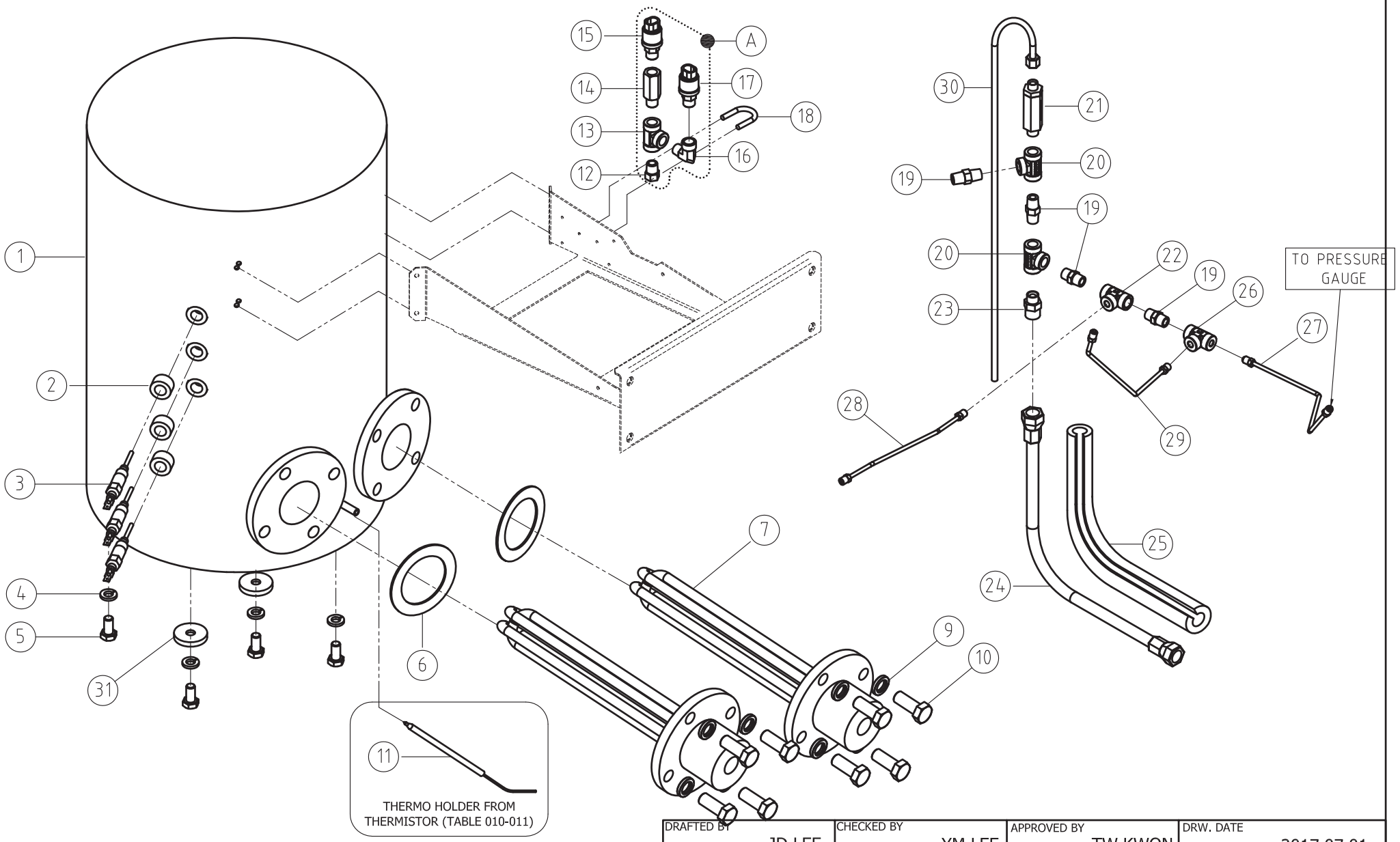
SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE			
STEAM GENERATOR (18K)			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 4	A4	

TABLE NO. 005 : STEAM GENERATOR (18K)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	21-10022	Electric steam vessel, 2h 14.5L 5V	1	EA	STS	2017.01		
2	70635	Foam Silicon tube 12 x 24, brown	0.75	M	SILICON			
3	70175	Water probe sensor	3	EA		2014.07		
4	70377	Spring washer M10	4	EA				
5	70423	Hex. bolt M10 x 20	4	EA				
6	70355	Packing D.90 x 62, Teflon	2	EA	PTFE			
7	70460	Electric heater 9KW, 3ph 230/400V	2	EA				
7	70462	Electric heater 9KW, 3ph 208V	(2)	EA				
7	70469	Electric heater 9KW, 3ph 415V	(2)	EA				
7	70471	Electric heater 9KW, 3ph 440V	(2)	EA				
7	70470	Electric heater 9KW, 3ph 460V	(2)	EA				
7	70478	Electric heater 9KW, 3ph 480V	(2)	EA				
7	23-34012	Electric heater 9KW, 3ph 600V	(2)	EA		2016.07		
9	70383	Spring washer M14	8	EA				
10	70424	Hex. bolt M14 x 35	8	EA				
11	71380	Thermistor temp. sensor	1	EA		2014.07		
12	70839	Ring nipple PT1/4M - M8, brass	1	EA	BRASS			
13	70785	Tee-nipple PT1/4F, brass	1	EA	BRASS			
14	71268	Nipple PT1/4 M-F L.45, brass	1	EA	BRASS	2013.10		
15	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
16	70803	Elbow nipple PT1/4MF, brass	1	EA	BRASS			
17	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
18	71352	U-bolt 1/4 x 10A, sus	1	EA	STS	2013.11		
19	70821	Nipple PT1/4M, sus	4	EA	STS			
20	70786	Tee-nipple PT1/4F, sus316	2	EA	STS			
21	22-23046	Safety valve 9.5bar 1/4M-M16 2V.	1	EA		2017.07		
22	70788	Tee-nipple PT1/4F - M8 - PT1/4F, brass	1	EA	BRASS	2009.09		
23	70829	Nipple 3/8PF - 1/4PT, brass	1	EA	BRASS			
24	71281	Flexible Steam pipe L.540 (2H)	1	EA		2013.06		
25	70636	Foam Silicon tube 22 x 32, brown	0.35	M	SILICON			
26	70789	Tee-nipple 1/4F - M8 x 2, brass	1	EA	BRASS	2009.09		
27	A71872	Copper pipe D.4 L.547, pressure gauge, EST-2h, 3V.	1	EA	COPPER	2014.01		
28	A71861	Copper pipe D.4 L.408, air valve, EST-2h, 3V.	1	EA	COPPER	2014.07		
29	A71851	Copper pipe D.4 L.180, pressure s/w, EST-2h, 3V.	1	EA	COPPER	2014.01		
30	A71881	Drain Out D.10 SUS, L.550 EST-2h	1	EA	COPPER	2011.11		
31	14-41015	Plain washer M10X40X3t , sus	2	EA		2017.01		
A	A71683	Pressure switch line assembly, DM-EST-(12, 13, 14, 15, 16, 17)	1	SET		2015.03		

TABLE NO. 006



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

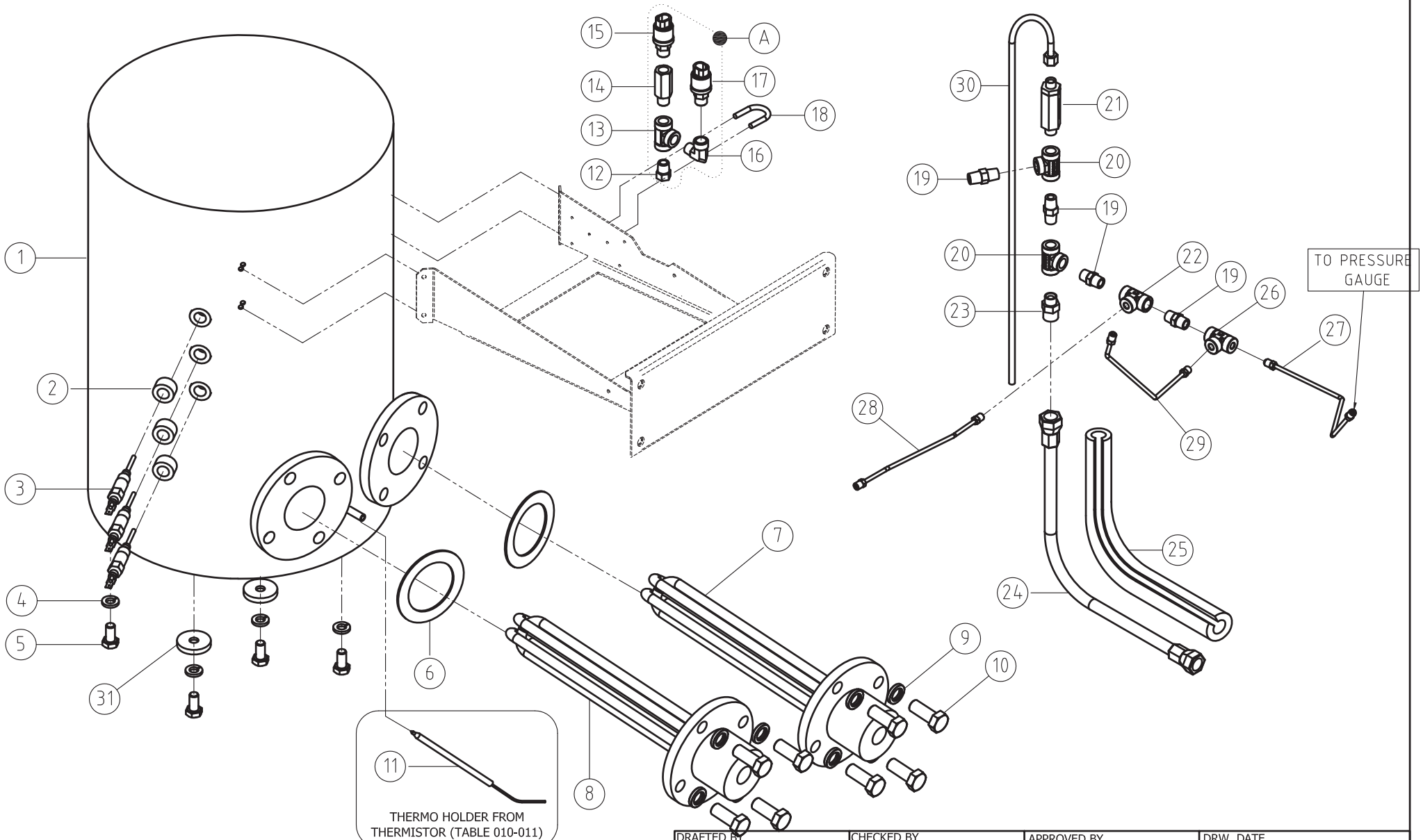
SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE			
STEAM GENERATOR (12K)			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 4	A4	

TABLE NO. 006 : STEAM GENERATOR (12K)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	21-10022	Electric steam vessel, 2h 14.5L 5V	1	EA	STS	2017.01		
2	70635	Foam Silicon tube 12 x 24, brown	0.75	M	SILICON			
3	70175	Water probe sensor	3	EA		2014.07		
4	70377	Spring washer M10	4	EA				
5	70423	Hex. bolt M10 x 20	4	EA				
6	70355	Packing D.90 x 62, Teflon	2	EA	PTFE			
7	70459	Electric heater 6KW, 3ph 230/400V	2	EA				
7	70461	Electric heater 6KW, 3ph 208V	(2)	EA				
7	70464	Electric heater 6KW, 3ph 415V	(2)	EA				
7	70475	Electric heater 6KW, 3ph 440V	(2)	EA				
7	70468	Electric heater 6KW, 3ph 460V	(2)	EA				
7	70479	Electric heater 6KW, 3ph 480V	(2)	EA				
7	23-34014	Electric heater 6KW, 3ph 600V	(2)	EA		2016.07		
9	70383	Spring washer M14	8	EA				
10	70424	Hex. bolt M14 x 35	8	EA				
11	71380	Thermistor temp. sensor	1	EA		2014.07		
12	70839	Ring nipple PT1/4M - M8, brass	1	EA	BRASS			
13	70785	Tee-nipple PT1/4F, brass	1	EA	BRASS			
14	71268	Nipple PT1/4 M-F L.45, brass	1	EA	BRASS	2013.10		
15	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
16	70803	Elbow nipple PT1/4MF, brass	1	EA	BRASS			
17	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
18	71352	U-bolt 1/4 x 10A, sus	1	EA	STS	2013.11		
19	70821	Nipple PT1/4M, sus	4	EA	STS			
20	70786	Tee-nipple PT1/4F, sus316	2	EA	STS			
21	22-23046	Safety valve 9.5bar 1/4M-M16 2V.	1	EA		2017.07		
22	70788	Tee-nipple PT1/4F - M8 - PT1/4F, brass	1	EA	BRASS	2009.09		
23	70829	Nipple 3/8PF - 1/4PT, brass	1	EA	BRASS			
24	71281	Flexible Steam pipe L.540 (2H)	1	EA		2013.06		
25	70636	Foam Silicon tube 22 x 32, brown	0.35	M	SILICON			
26	70789	Tee-nipple 1/4F - M8 x 2, brass	1	EA	BRASS	2009.09		
27	A71872	Copper pipe D.4 L.547, pressure gauge, EST-2h, 3V.	1	EA	COPPER	2014.01		
28	A71861	Copper pipe D.4 L.408, air valve, EST-2h, 3V.	1	EA	COPPER	2014.07		
29	A71851	Copper pipe D.4 L.180, pressure s/w, EST-2h, 3V.	1	EA	COPPER	2014.01		
30	A71881	Drain Out D.10 SUS, L.550 EST-2h	1	EA	COPPER	2011.11		
31	14-41015	Plain washer M10X40X3t , sus	2	EA		2017.01		
A	A71683	Pressure switch line assembly, DM-EST-(12, 13, 14, 15, 16, 17)	1	SET		2015.03		

TABLE NO. 007



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

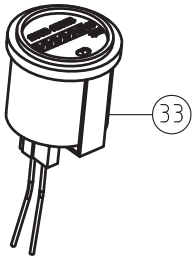
TITLE			
STEAM GENERATOR (05K)			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 4	A4	

TABLE NO. 007: STEAM GENERATOR (05K)

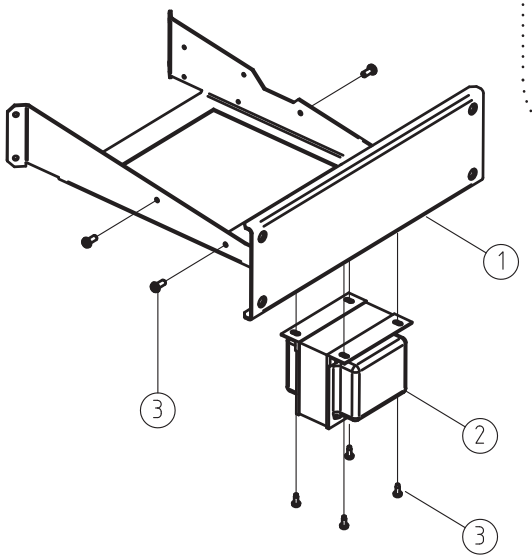
REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	21-10022	Electric steam vessel, 2h 14.5L 5V	1	EA	STS	2017.01		
2	70635	Foam Silicon tube 12 x 24, brown	0.75	M	SILICON			
3	70175	Water probe sensor	3	EA		2014.07		
4	70377	Spring washer M10	4	EA				
5	70423	Hex. bolt M10 x 20	4	EA				
6	70355	Packing D.90 x 62, Teflon	2	EA	PTFE			
7	70458	Electric heater 3KW, 230V	1	EA				
7	70477	Electric heater 3KW, 208V	(1)	EA				
8	70457	Electric heater 2KW, 230V	1	EA				
8	70476	Electric heater 2KW, 208V	(1)	EA				
9	70383	Spring washer M14	8	EA				
10	70424	Hex. bolt M14 x 35	8	EA				
11	71380	Thermistor temp. sensor	1	EA		2014.07		
12	70839	Ring nipple PT1/4M - M8, brass	1	EA	BRASS			
13	70785	Tee-nipple PT1/4F, brass	1	EA	BRASS			
14	71268	Nipple PT1/4 M-F L.45, brass	1	EA	BRASS	2013.10		
15	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
16	70803	Elbow nipple PT1/4MF, brass	1	EA	BRASS			
17	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
18	71352	U-bolt 1/4 x 10A, sus	1	EA	STS	2013.11		
19	70821	Nipple PT1/4M, sus	4	EA	STS			
20	70786	Tee-nipple PT1/4F, sus316	2	EA	STS			
21	22-23046	Safety valve 9.5bar 1/4M-M16 2V.	1	EA		2017.07		
22	70788	Tee-nipple PT1/4F - M8 - PT1/4F, brass	1	EA	BRASS	2009.09		
23	70829	Nipple 3/8PF - 1/4PT, brass	1	EA	BRASS			
24	71281	Flexible Steam pipe L.540 (2H)	1	EA		2013.06		
25	70636	Foam Silicon tube 22 x 32, brown	0.35	M	SILICON			
26	70789	Tee-nipple 1/4F - M8 x 2, brass	1	EA	BRASS	2009.09		
27	A71872	Copper pipe D.4 L.547, pressure gauge, EST-2h, 3V.	1	EA	COPPER	2014.01		
28	A71861	Copper pipe D.4 L.408, air valve, EST-2h, 3V.	1	EA	COPPER	2014.07		
29	A71851	Copper pipe D.4 L.180, pressure s/w, EST-2h, 3V.	1	EA	COPPER	2014.01		
30	A71881	Drain Out D.10 SUS, L.550 EST-2h	1	EA	COPPER	2011.11		
31	14-41015	Plain washer M10X40X3t , sus	2	EA		2017.01		
A	A71683	Pressure switch line assembly, DM-EST-(12, 13, 14, 15, 16, 17)	1	SET		2015.03		

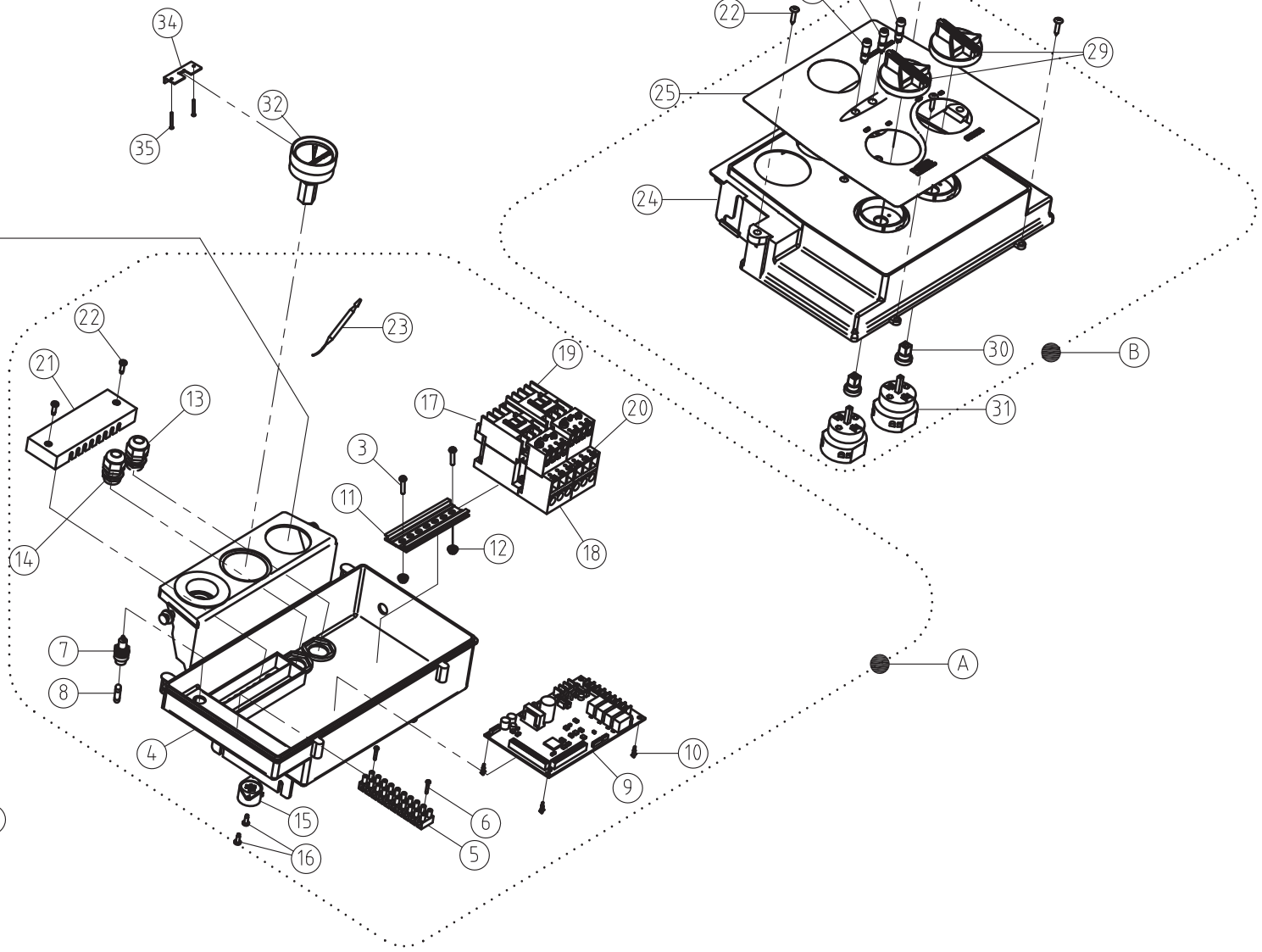
TABLE NO. 008

※ FOR OPTIONAL PART
-HOUR METER



(1 : 4)





DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

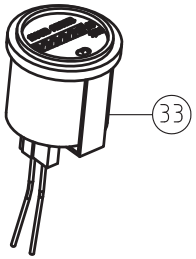
TITLE			
CONTROL BOX (27K)			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 8	A4	

TABLE NO. 008 : CONTORL BOX (27K)

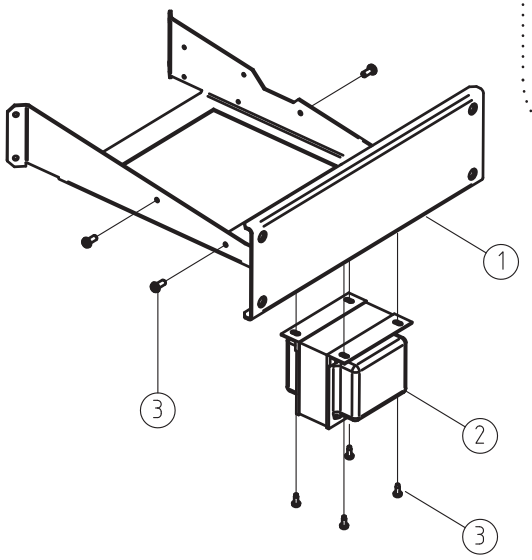
REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	70485	Handle support P176-3V.	1	EA	SS400	2006.02		
2	71175	Transformer 400-230V 50/60Hz 250VA with Connector	1	EA		2015.02		
2	23-32023	Transformer 415-230V 50/60Hz 250VA with Connector, Double	(1)	EA				
2	71176	Transformer 440-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	71177	Transformer 460-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	71178	Transformer 480-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	23-32009	Transformer 600-230V 50/60Hz 250VA with Connector	(1)	EA		2016.07		
3	70416	Truss head screw M5 x 12	10	EA				
4	70567	Control box P176-2. DM	1	EA	ABS			
5	70578	Terminal block, EKL1BEF-12P	1	EA				
6	70403	Screw TCB-TC 3.5x20	2	EA				
7	70301	Fuse holder	1	EA				
8	70307	Fuse 5x20 4A	1	EA				
9	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
10	70916	Saddle SS-13N	4	EA		2009.05		
11	70736	Snap bracket L1,000, WS-AR-1	0.06	EA				
12	70393	Flange nut M5	2	EA				
13	70324	Cable gland PG19	1	EA				
14	70326	Cable gland PG16	1	EA				
15	70769	Buzzer DC12V	1	EA				
16	70401	Round head Screw M3 x 10	2	EA				
17	70733	Contactor MC-22B AC220V	1	EA		2016.01		
18	70735	Thermal Relay MT-32(12-18A)	1	EA		2016.01		
18	13-32004	Thermal Relay MT-32(9-13A), ONLY 600V	(1)	EA		2016.07		
19	13-32002	Contactor MC 40A	1	EA		2016.01		
20	70734	Thermal Relay MT-32(22-32A)	1	EA		2016.01		
20	13-32005	Thermal Relay MT-32(16-22A), ONLY 600V	(1)	EA		2016.07		
21	70318	Cable clamp COV, control box	1	EA				
22	70500	Screw T / T M4.8 x 20	6	EA				
23	71380	Thermistor temp. sensor	1	EA		2014.07		
24	70565	Box cover P176-2V. ABS	1	EA	ABS			
25	70942	Label switch box EST 2V.	1	EA	STICKER	2013.10		
26	70972	Green Lamp Assembly	1	EA		2013.01		
27	70973	White Lamp Assembly	1	EA		2013.01		
28	70974	Yellow Lamp Assembly	1	EA		2013.01		
29	70571	Grey knob KSM	2	EA		2008.09		
30	70574	Tail piece TEC.	2	EA				
31	71168	Rotary Switch 16A, SA16 2-1	2	EA		2015.03		
32	82-24008	Pressure gauge 0-15BAR D.50, PD4 2V	1	SET		2017.01		
33	70773	Hour meter DC12V	(1)	EA				
34	21-13009	Pressure gauge bracket 2V.	1	EA		2017.01		
35	14-40034	Hex. Socket Bolt M5 X 35	2	EA		2017.01		
A	83-35012	Control Box Assembly EST(27K, 380~480V) (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, ,17, 18, 19, 20, 21, 22, 23)	1	SET		2016.01		
B	A70575	Box cover P176-2 assembly EST (24, 25, 26, 27, 28, 29, 30, 31)	1	SET				

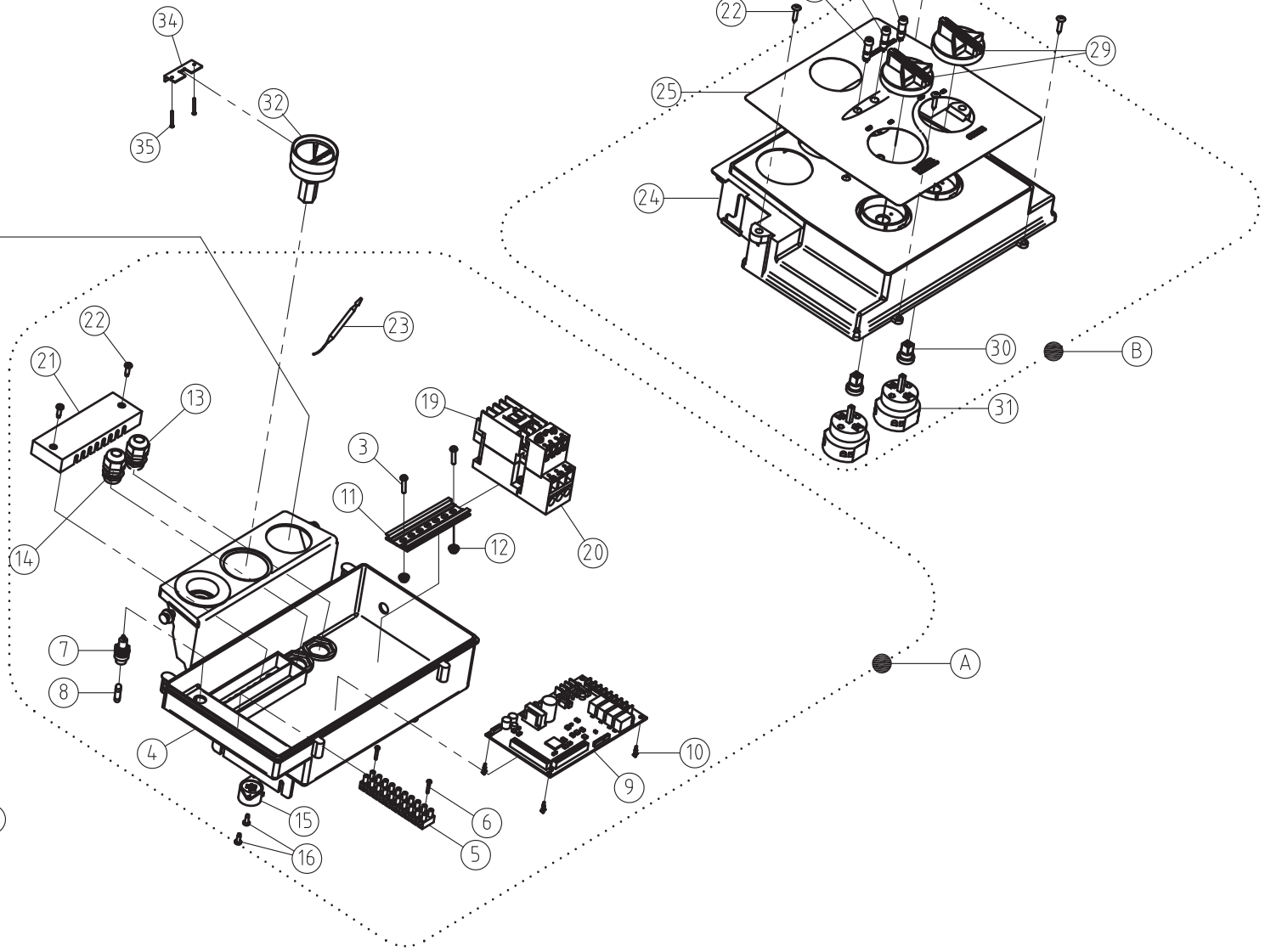
TABLE NO. 009

※ FOR OPTIONAL PART
-HOUR METER



(1 : 4)





DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

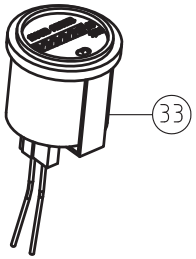
TITLE			
CONTROL BOX (18K, 380V~)			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 8	A4	

TABLE NO. 009 : CONTORL BOX (18K, 380V~)

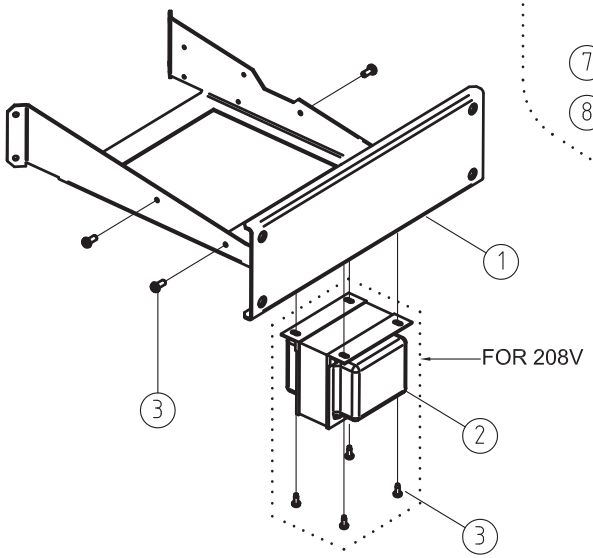
REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	70485	Handle support P176-3V.	1	EA	SS400	2006.02		
2	71175	Transformer 400-230V 50/60Hz 250VA with Connector	1	EA		2015.02		
2	23-32023	Transformer 415-230V 50/60Hz 250VA with Connector, Double	(1)	EA				
2	71176	Transformer 440-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	71177	Transformer 460-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	71178	Transformer 480-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	23-32009	Transformer 600-230V 50/60Hz 250VA with Connector	(1)	EA		2016.07		
3	70416	Truss head screw M5 x 12	10	EA				
4	70567	Control box P176-2. DM	1	EA	ABS			
5	70578	Terminal block, EKL1BEF-12P	1	EA				
6	70403	Screw TCB-TC 3.5x20	2	EA				
7	70301	Fuse holder	1	EA				
8	70307	Fuse 5x20 4A	1	EA				
9	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
10	70916	Saddle SS-13N	4	EA		2009.05		
11	70736	Snap bracket L1,000, WS-AR-1	0.06	EA				
12	70393	Flange nut M5	2	EA				
13	70324	Cable gland PG19	1	EA				
14	70326	Cable gland PG16	1	EA				
15	70769	Buzzer DC12V	1	EA				
16	70401	Round head Screw M3 x 10	2	EA				
19	13-32002	Contactor MC 40A	1	EA		2016.01		
20	70734	Thermal Relay MT-32(22-32A)	1	EA		2016.01		
20	13-32005	Thermal Relay MT-32(16-22A), ONLY 600V	(1)	EA		2016.07		
21	70318	Cable clamp COV, control box	1	EA				
22	70500	Screw T / T M4.8 x 20	6	EA				
23	71380	Thermistor temp. sensor	1	EA		2014.06		
24	70565	Box cover P176-2V. ABS	1	EA	ABS			
25	70942	Label switch box EST 2V.	1	EA	STICKER	2013.10		
26	70972	Green Lamp Assembly	1	EA		2013.01		
27	70973	White Lamp Assembly	1	EA		2013.01		
28	70974	Yellow Lamp Assembly	1	EA		2013.01		
29	70571	Grey knob KSM	2	EA		2008.09		
30	70574	Tail piece TEC.	2	EA				
31	71168	Rotary Switch 16A, SA16 2-1	2	EA		2015.03		
32	82-24008	Pressure gauge 0-15BAR D.50, PD4 2V	1	SET		2017.01		
33	70773	Hour meter DC12V	(1)	EA				
34	21-13009	Pressure gauge bracket 2V.	1	EA		2017.01		
35	14-40034	Hex. Socket Bolt M5 X 35	2	EA		2017.01		
A	83-35011	Control Box Assembly EST(18K, 380~480V) (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23)	1	SET		2016.01		
B	A70575	Box cover P176-2 assembly EST (24, 25, 26, 27, 28, 29, 30, 31)	1	SET				

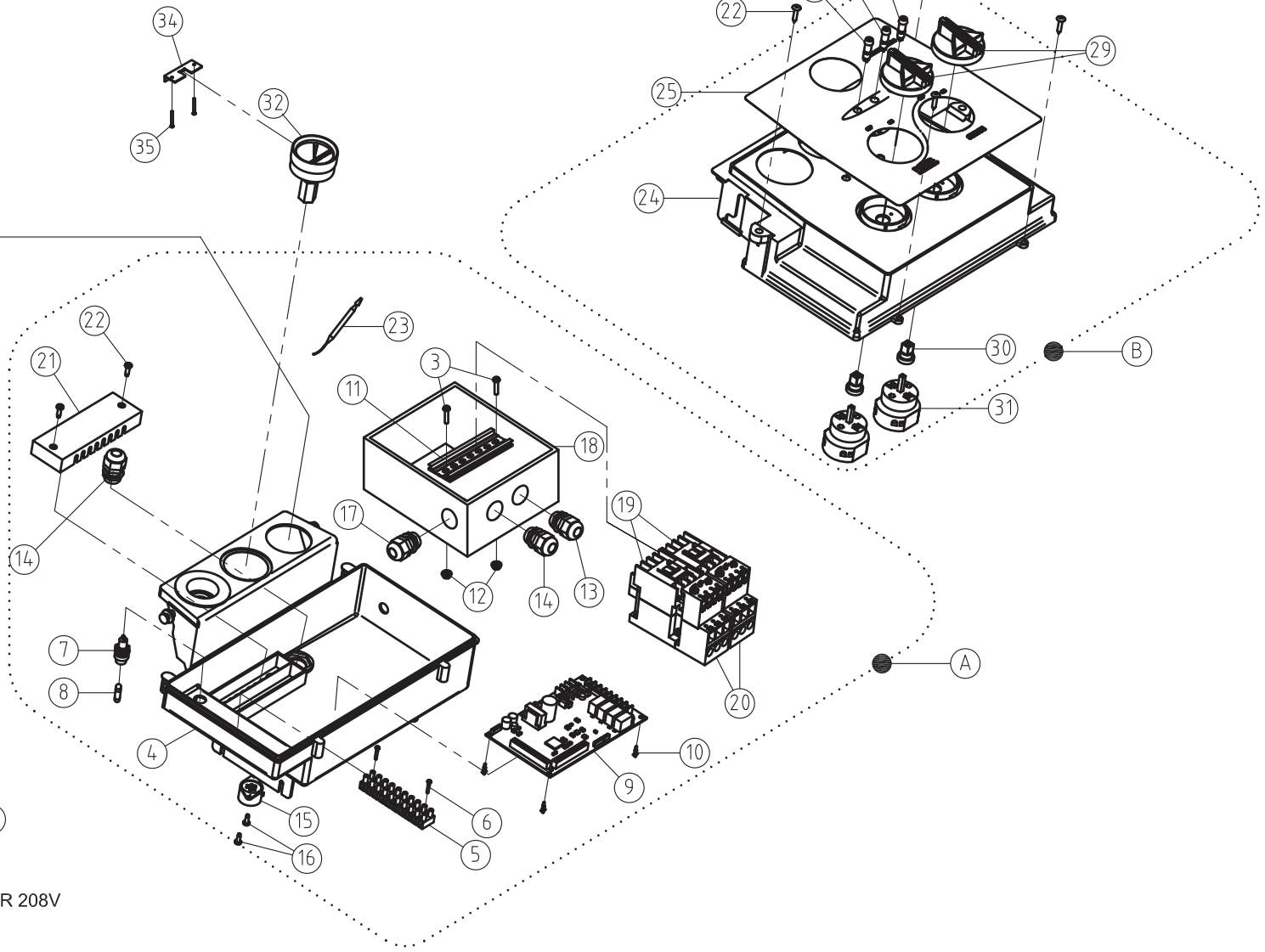
TABLE NO. 010

※FOR OPTIONAL PART
-HOUR METER



(1 : 4)





DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE: CONTROL BOX (18K, 208~230V)

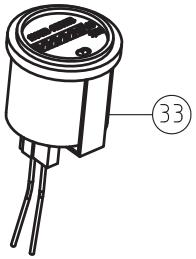
MODEL	SCALE	SIZE
OPTIMA EST	1: 8	A4

TABLE NO. 010 : CONTORL BOX (18K, 208~230V)

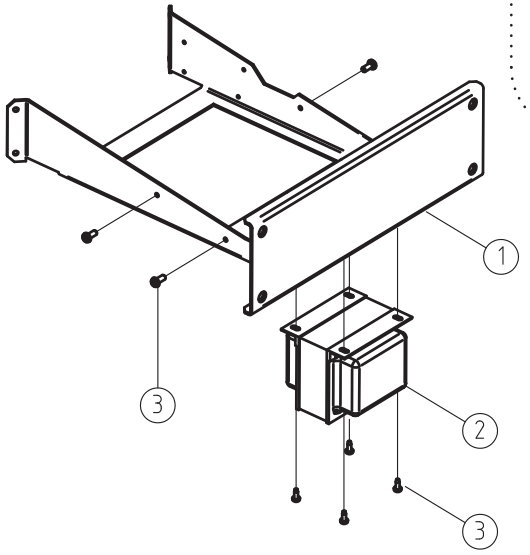
REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	70485	Handle support P176-3V.	1	EA	SS400	2006.02		
2	71174	Transformer 208-230V 50/60Hz 250VA with connector	1	EA		2015.02		
3	70416	Truss head screw M5 x 12	10	EA				
4	70567	Control box P176-2. DM	1	EA	ABS			
5	70578	Terminal block, EKL1BEF-12P	1	EA				
6	70403	Screw TCB-TC 3.5x20	2	EA				
7	70301	Fuse holder	1	EA				
8	70307	Fuse 5x20 4A	1	EA				
9	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
10	70916	Saddle SS-13N	4	EA		2009.05		
11	70736	Snap bracket L1,000, WS-AR-1	0.08	EA				
12	70393	Flange nut M5	2	EA				
13	70348	Cable gland PG13.5	1	EA				
14	70323	Cable gland PG11	2	EA				
15	70769	Buzzer DC12V	1	EA				
16	70401	Round head Screw M3 x 10	2	EA				
17	70320	Cable gland PG25	1	EA				
18	71081	Box, BC-AGS-152013 150x200x130 + 1520P	1	EA				
19	13-32002	Contactor MC 40A	2	EA		2015.09		
20	70734	Thermal Relay MT-32(22-32A)	2	EA		2015.09		
21	70318	Cable clamp COV, control box	1	EA				
22	70500	Screw T / T M4.8 x 20	6	EA				
23	71380	Thermistor temp. sensor	1	EA		2014.07		
24	70565	Box cover P176-2V. ABS	1	EA	ABS			
25	70942	Label switch box EST 2V.	1	EA	STICKER	2013.10		
26	70972	Green Lamp Assembly	1	EA		2013.01		
27	70973	White Lamp Assembly	1	EA		2013.01		
28	70974	Yellow Lamp Assembly	1	EA		2013.01		
29	70571	Grey knob KSM	2	EA		2008.09		
30	70574	Tail piece TEC.	2	EA				
31	71168	Rotary Switch 16A, SA16 2-1	2	EA		2015.03		
32	82-24008	Pressure gauge 0-15BAR D.50, PD4 2V	1	SET		2017.01		
33	70773	Hour meter DC12V	(1)	EA				
34	21-13009	Pressure gauge bracket 2V.	1	EA		2017.01		
35	14-40034	Hex. Socket Bolt M5 X 35	2	EA		2017.01		
A	83-35010	Control Box Assembly EST(18K, 200~230V) (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23)	1	SET		2016.01		
B	A70575	Box cover P176-2 assembly EST (24, 25, 26, 27, 28, 29, 30, 31)	1	SET				

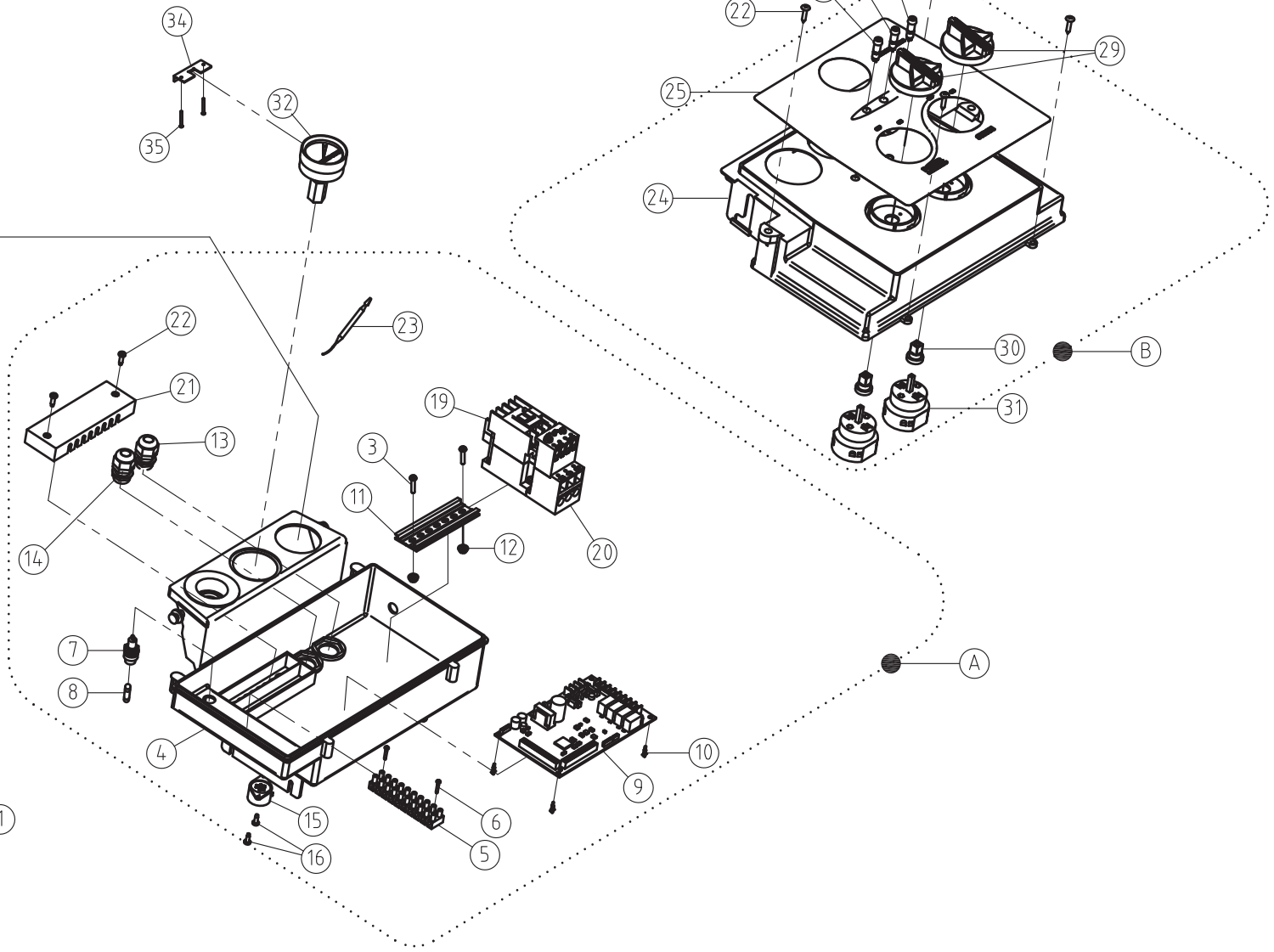
TABLE NO. 011

※FOR OPTIONAL PART
-HOUR METER



(1 : 4)





DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE: CONTROL BOX (12K, 380V~)

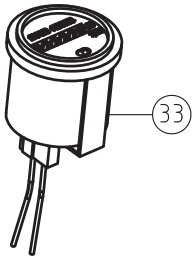
MODEL	SCALE	SIZE
OPTIMA EST	1: 8	A4

TABLE NO. 011 : CONTORL BOX (12K, 380V~)

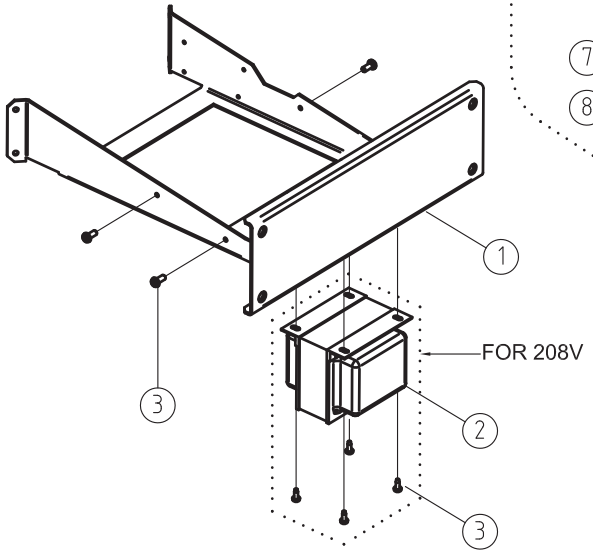
REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	70485	Handle support P176-3V.	1	EA	SS400	2006.02		
2	71175	Transformer 400-230V 50/60Hz 250VA with Connector	1	EA		2015.02		
2	23-32023	Transformer 415-230V 50/60Hz 250VA with Connector, Double	(1)	EA				
2	71176	Transformer 440-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	71177	Transformer 460-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	71178	Transformer 480-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
2	23-32009	Transformer 600-230V 50/60Hz 250VA with Connector	(1)	EA		2016.07		
3	70416	Truss head screw M5 x 12	10	EA				
4	70567	Control box P176-2. DM	1	EA	ABS			
5	70578	Terminal block, EKL1BEF-12P	1	EA				
6	70403	Screw TCB-TC 3.5x20	2	EA				
7	70301	Fuse holder	1	EA				
8	70307	Fuse 5x20 4A	1	EA				
9	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
10	70916	Saddle SS-13N	4	EA		2009.05		
11	70736	Snap bracket L1,000, WS-AR-1	0.08	EA				
12	70393	Flange nut M5	2	EA				
13	70324	Cable gland PG19	1	EA				
14	70326	Cable gland PG16	1	EA				
15	70769	Buzzer DC12V	1	EA				
16	70401	Round head Screw M3 x 10	2	EA				
19	13-32003	Contactor MC 32A	1	EA		2016.01		
20	13-32005	Thermal Relay MT-32(16-22A)	1	EA		2016.01		
20	70735	Thermal Relay MT-32(12-18A), ONLY 600V	(1)	EA		2016.07		
21	70318	Cable clamp COV, control box	1	EA				
22	70500	Screw T / T M4.8 x 20	6	EA				
23	71380	Thermistor temp. sensor	1	EA		2014.07		
24	70565	Box cover P176-2V. ABS	1	EA	ABS			
25	70942	Label switch box EST 2V.	1	EA	STICKER	2013.10		
26	70972	Green Lamp Assembly	1	EA		2013.01		
27	70973	White Lamp Assembly	1	EA		2013.01		
28	70974	Yellow Lamp Assembly	1	EA		2013.01		
29	70571	Grey knob KSM	2	EA		2008.09		
30	70574	Tail piece TEC.	2	EA				
31	71168	Rotary Switch 16A, SA16 2-1	2	EA		2015.03		
32	82-24008	Pressure gauge 0-15BAR D.50, PD4 2V	1	SET		2017.01		
33	70773	Hour meter DC12V	(1)	EA				
34	21-13009	Pressure gauge bracket 2V.	1	EA		2017.01		
35	14-40034	Hex. Socket Bolt M5 X 35	2	EA		2017.01		
A	83-35009	Control Box Assembly EST(12K, 380~480V) (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23)	1	SET		2016.01		
B	A70575	Box cover P176-2 assembly EST (24, 25, 26, 27, 28, 29, 30, 31)	1	SET				

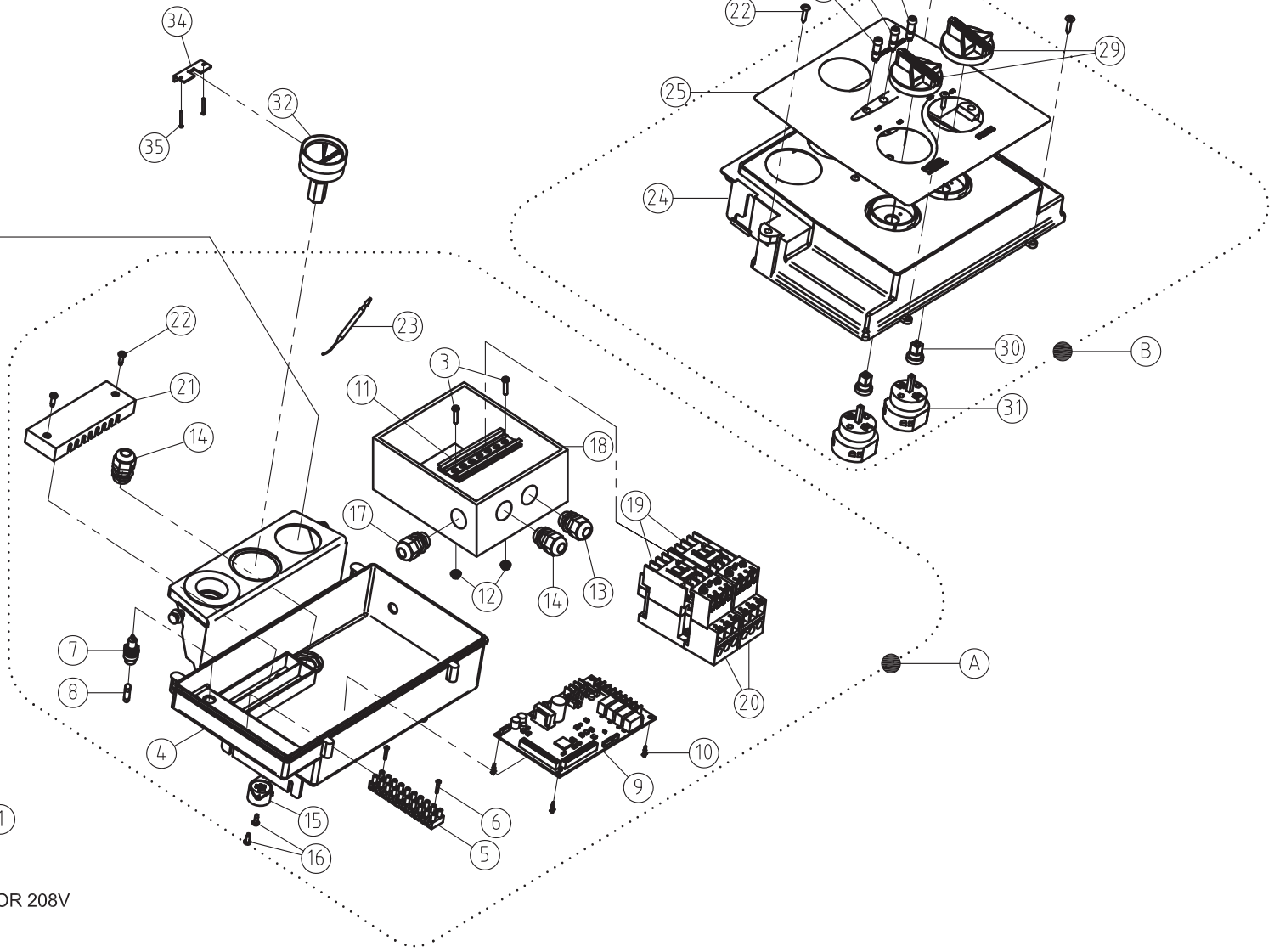
TABLE NO. 012

※FOR OPTIONAL PART
-HOUR METER



(1 : 4)





DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE: CONTROL BOX (12K, 208~230V)

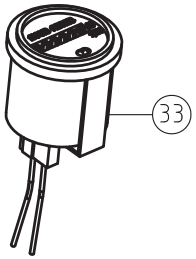
MODEL	SCALE	SIZE
OPTIMA EST	1: 8	A4

TABLE NO. 012 : CONTORL BOX (12K, 208~230V)

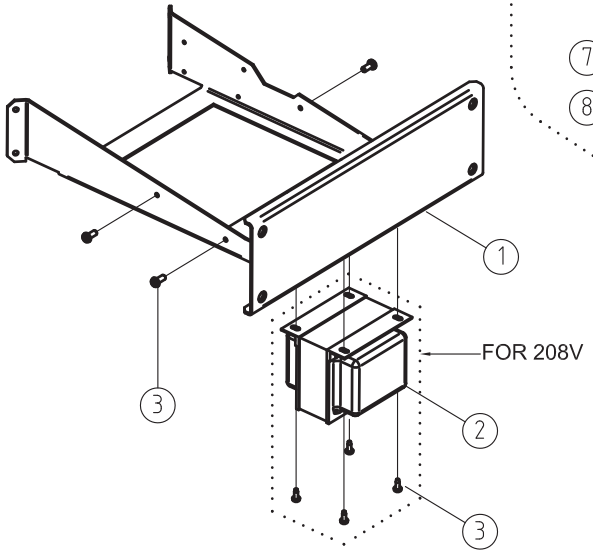
REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	70485	Handle support P176-3V.	1	EA	SS400	2006.02		
2	71174	Transformer 208-230V 50/60Hz 250VA with connector	1	EA		2015.02		
3	70416	Truss head screw M5 x 12	10	EA				
4	70567	Control box P176-2. DM	1	EA	ABS			
5	70578	Terminal block, EKL1BEF-12P	1	EA				
6	70403	Screw TCB-TC 3.5x20	2	EA				
7	70301	Fuse holder	1	EA				
8	70307	Fuse 5x20 4A	1	EA				
9	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
10	70916	Saddle SS-13N	4	EA		2009.05		
11	70736	Snap bracket L1,000, WS-AR-1	0.08	EA				
12	70393	Flange nut M5	2	EA				
13	70348	Cable gland PG13.5	1	EA		2016.01		
14	70323	Cable gland PG11	2	EA		2016.01		
15	70769	Buzzer DC12V	1	EA				
16	70401	Round head Screw M3 x 10	2	EA				
17	70320	Cable gland PG25	1	EA		2016.01		
18	71081	Box, BC-AGS-152013 150x200x130 + 1520P	1	EA		2016.01		
19	13-32003	Contactor MC 32A	2	EA		2016.01		
20	13-32005	Thermal Relay MT-32(16-22A)	2	EA		2016.01		
21	70318	Cable clamp COV, control box	1	EA				
22	70500	Screw T / T M4.8 x 20	6	EA				
23	71380	Thermistor temp. sensor	1	EA		2014.07		
24	70565	Box cover P176-2V. ABS	1	EA	ABS			
25	70942	Label switch box EST 2V.	1	EA	STICKER	2013.10		
26	70972	Green Lamp Assembly	1	EA		2013.01		
27	70973	White Lamp Assembly	1	EA		2013.01		
28	70974	Yellow Lamp Assembly	1	EA		2013.01		
29	70571	Grey knob KSM	2	EA		2008.09		
30	70574	Tail piece TEC.	2	EA				
31	71168	Rotary Switch 16A, SA16 2-1	2	EA		2015.03		
32	82-24008	Pressure gauge 0-15BAR D.50, PD4 2V	1	SET		2017.01		
33	70773	Hour meter DC12V	(1)	EA				
34	21-13009	Pressure gauge bracket 2V.	1	EA		2017.01		
35	14-40034	Hex. Socket Bolt M5 X 35	2	EA		2017.01		
A	83-35008	Control Box Assembly EST(12K, 200~230V) (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23)	1	SET		2016.01		
B	A70575	Box cover P176-2 assembly EST (24, 25, 26, 27, 28, 29, 30, 31)	1	SET				

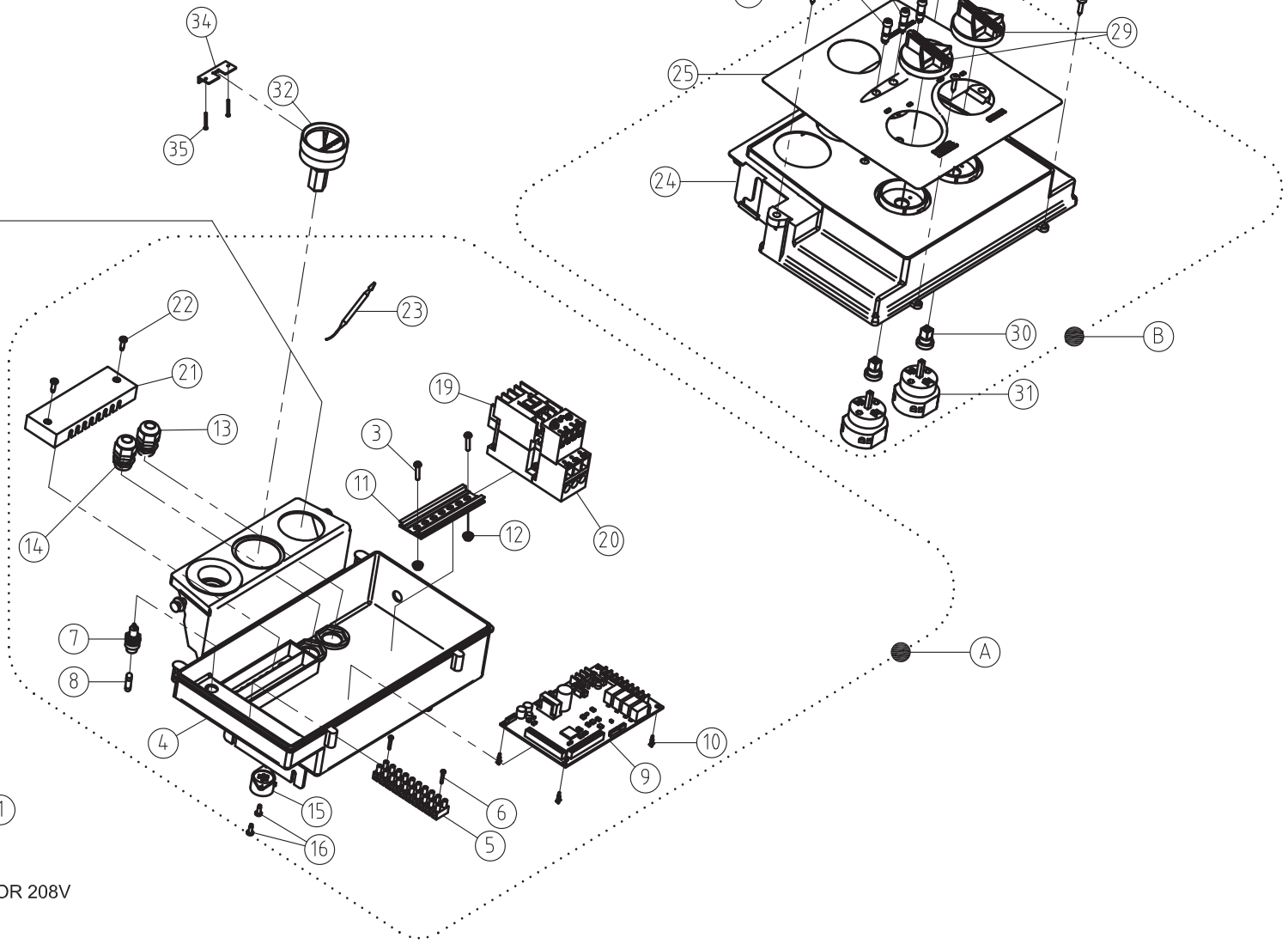
TABLE NO. 013

※ FOR OPTIONAL PART
-HOUR METER



(1 : 4)





DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

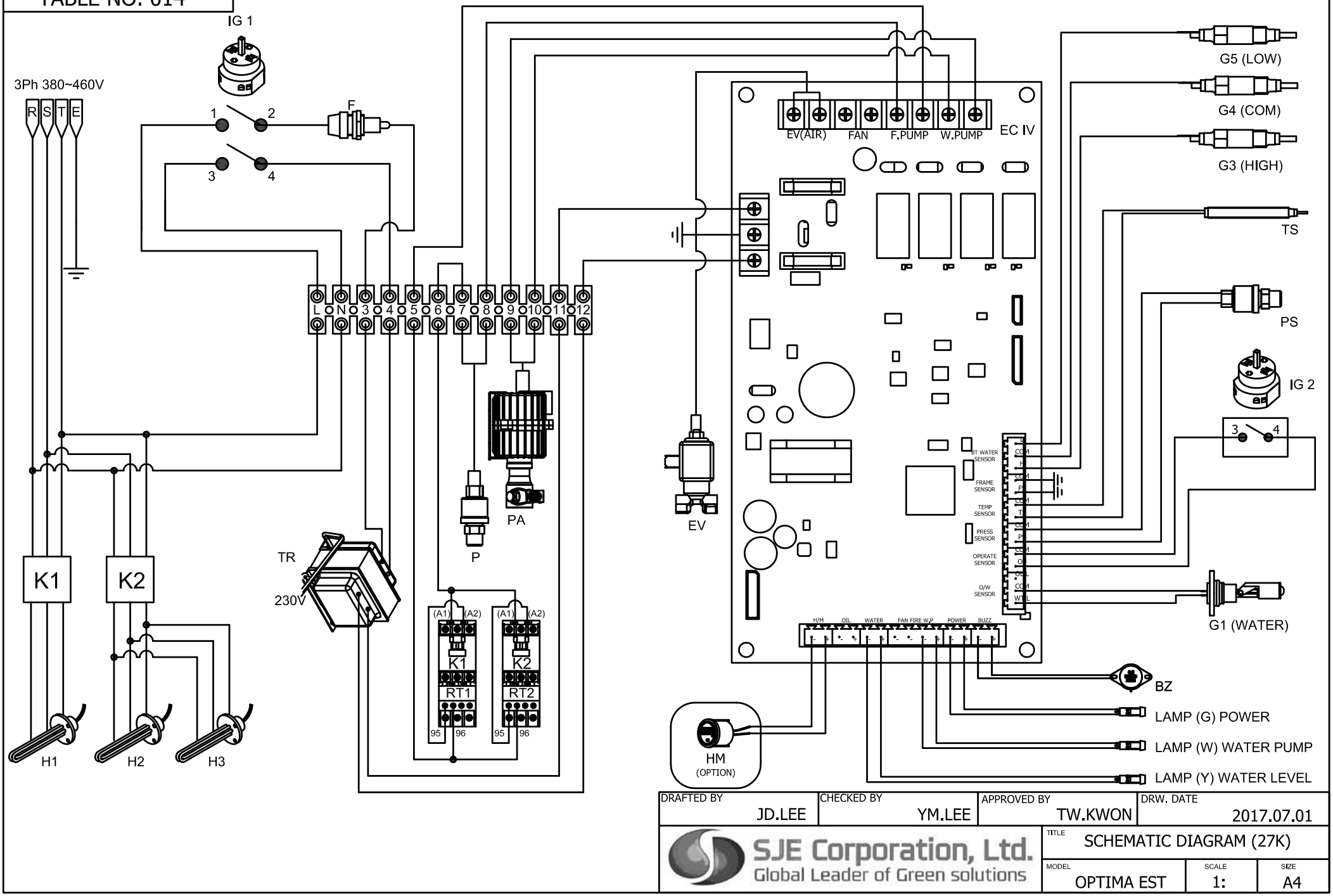
TITLE: CONTROL BOX (05K, 208~230V)

MODEL	SCALE	SIZE
OPTIMA EST	1: 8	A4

TABLE NO. 013 : CONTORL BOX (05K, 208~230V)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	70485	Handle support P176-3V.	1	EA	SS400	2006.02		
2	71174	Transformer 208-230V 50/60Hz 250VA with connector	1	EA		2015.02		
3	70416	Truss head screw M5 x 12	10	EA				
4	70567	Control box P176-2. DM	1	EA	ABS			
5	70578	Terminal block, EKL1BEF-12P	1	EA				
6	70403	Screw TCB-TC 3.5x20	2	EA				
7	70301	Fuse holder	1	EA				
8	70307	Fuse 5x20 4A	1	EA				
9	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
10	70916	Saddle SS-13N	4	EA		2009.05		
11	70736	Snap bracket L1,000, WS-AR-1	0.06	EA				
12	70393	Flange nut M5	2	EA				
13	70324	Cable gland PG19	1	EA				
14	70326	Cable gland PG16	1	EA		2016.01		
15	70769	Buzzer DC12V	1	EA		2016.01		
16	70401	Round head Screw M3 x 10	2	EA				
19	13-32003	Contactor MC 32A	1	EA		2016.01		
20	70734	Thermal Relay MT-32(22-32A)	1	EA		2016.01		
21	70318	Cable clamp COV, control box	1	EA				
22	70500	Screw T / T M4.8 x 20	6	EA				
23	71380	Thermistor temp. sensor	1	EA		2014.07		
24	70565	Box cover P176-2V. ABS	1	EA	ABS			
25	70942	Label switch box EST 2V.	1	EA	STICKER	2013.10		
26	70972	Green Lamp Assembly	1	EA		2013.01		
27	70973	White Lamp Assembly	1	EA		2013.01		
28	70974	Yellow Lamp Assembly	1	EA		2013.01		
29	70571	Grey knob KSM	2	EA		2008.09		
30	70574	Tail piece TEC.	2	EA				
31	71168	Rotary Switch 16A, SA16 2-1	2	EA		2015.03		
32	82-24008	Pressure gauge 0-15BAR D.50, PD4 2V	1	SET		2017.01		
33	70773	Hour meter DC12V	(1)	EA				
34	21-13009	Pressure gauge bracket 2V.	1	EA		2017.01		
35	14-40034	Hex. Socket Bolt M5 X 35	2	EA		2017.01		
A	83-35007	Control Box Assembly EST(5K, 200~230V) (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23)	1	SET		2016.01		
B	A70575	Box cover P176-2 assembly EST (24, 25, 26, 27, 28, 29, 30, 31)	1	SET				

TABLE NO. 014



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

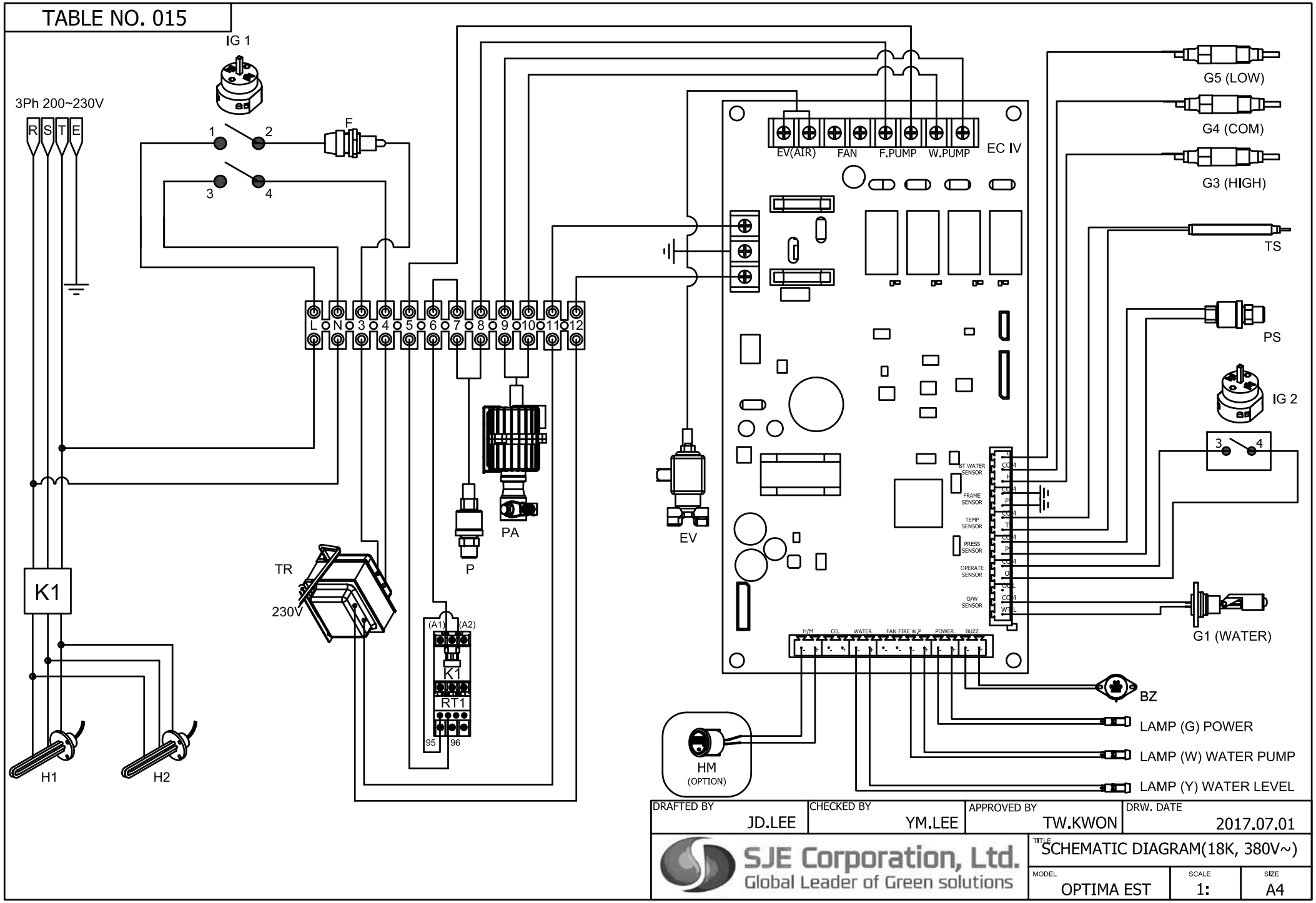
TITLE: SCHEMATIC DIAGRAM (27K)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 014 : SCHEMATIC DIAGRAM (27K)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K1	70733	Contactor MC-22B AC220V	1	EA		2016.01		
K2	13-32002	Contactor MC 40A	1	EA		2016.01		
RT1	70735	Thermal Relay MT-32(12-18A)	1	EA		2016.01		
RT1	13-32004	Thermal Relay MT-32(9-13A), ONLY 600V	(1)	EA		2016.07		
RT2	70734	Thermal Relay MT-32(22-32A)	1	EA		2016.01		
RT2	13-32005	Thermal Relay MT-32(16-22A), ONLY 600V	(1)	EA		2016.07		
H(1,2,3)	70460	Electric heater 9KW, 3ph 230/400V	3	EA				
H(1,2,3)	70469	Electric heater 9KW, 3ph 415V	(3)	EA				
H(1,2,3)	70471	Electric heater 9KW, 3ph 440V	(3)	EA				
H(1,2,3)	70478	Electric heater 9KW, 3ph 480V	(3)	EA				
H(1,2,3)	70470	Electric heater 9KW, 3ph 460V	(3)	EA				
H(1,2,3)	23-34012	Electric heater 9KW, 3ph 600V	(3)	EA				
TR	71175	Transformer 400-230V 50/60Hz 250VA with Connector	1	EA		2015.02		
TR	23-32023	Transformer 415-230V 50/60Hz 250VA with Connector, Double	(1)	EA				
TR	71176	Transformer 440-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	71177	Transformer 460-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	71178	Transformer 480-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	23-32009	Transformer 600-230V 50/60Hz 250VA with Connector	(1)	EA		2016.07		
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO. 015



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

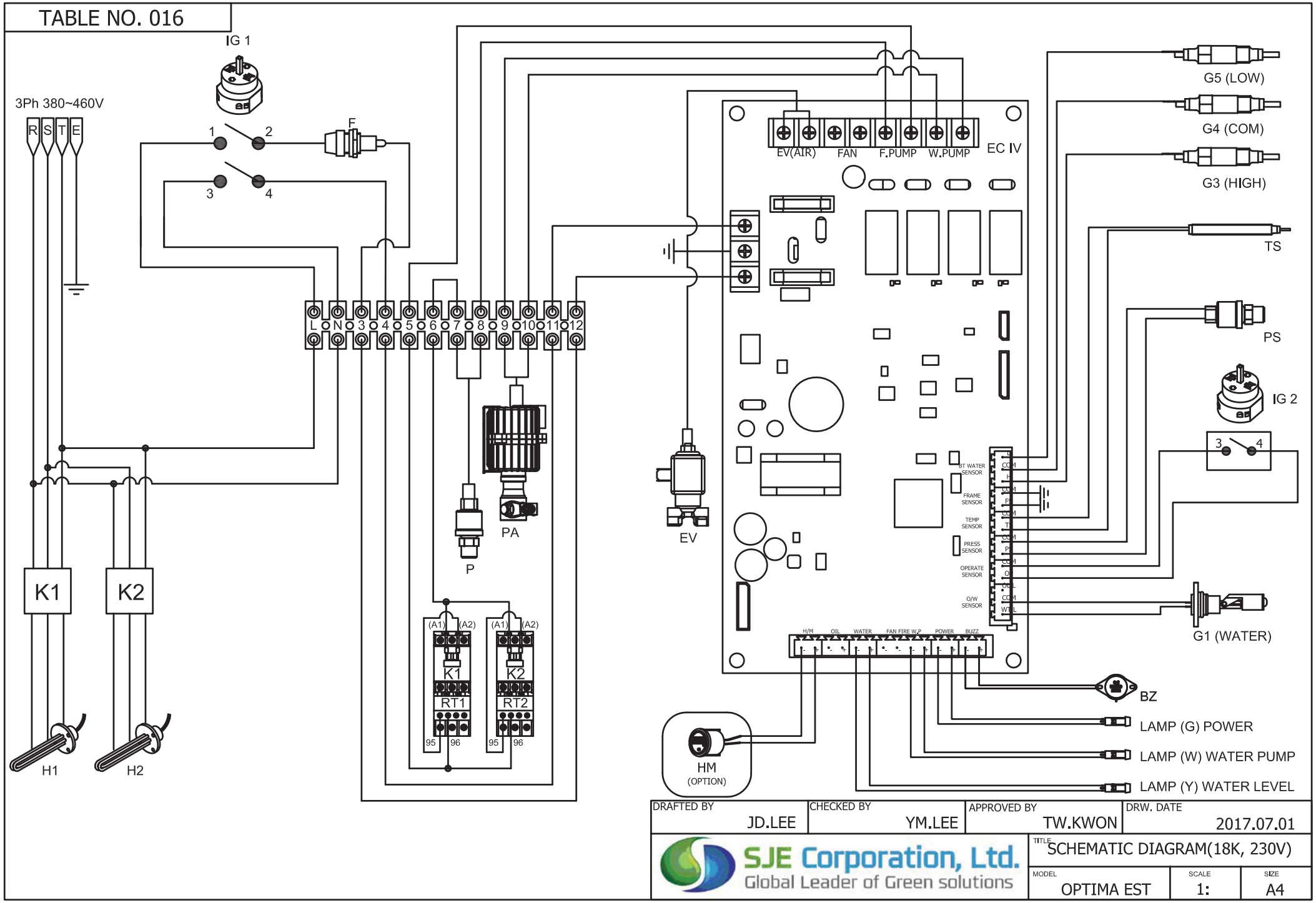
TITLE: SCHEMATIC DIAGRAM(18K, 380V~)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 015 : SCHEMATIC DIAGRAM (18K, 380V~)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K	13-32002	Contactor MC 40A	1	EA		2016.01		
RT	70734	Thermal Relay MT-32(22-32A)	1	EA		2016.01		
RT	13-32005	Thermal Relay MT-32(16-22A), ONLY 600V	(1)	EA		2016.07		
H(1,2)	70460	Electric heater 9KW, 3ph 230/400V	2	EA				
H(1,2)	70469	Electric heater 9KW, 3ph 415V	(2)	EA				
H(1,2)	70471	Electric heater 9KW, 3ph 440V	(2)	EA				
H(1,2)	70470	Electric heater 9KW, 3ph 460V	(2)	EA				
H(1,2)	70478	Electric heater 9KW, 3ph 480V	(2)	EA				
H(1,2)	23-34012	Electric heater 9KW, 3ph 600V	(2)	EA				
TR	71175	Transformer 400-230V 50/60Hz 250VA with Connector	1	EA		2015.02		
TR	23-32023	Transformer 415-230V 50/60Hz 250VA with Connector, Double	(1)	EA				
TR	71176	Transformer 440-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	71177	Transformer 460-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	71178	Transformer 480-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	23-32009	Transformer 600-230V 50/60Hz 250VA with Connector	(1)	EA		2016.07		
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO. 016



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

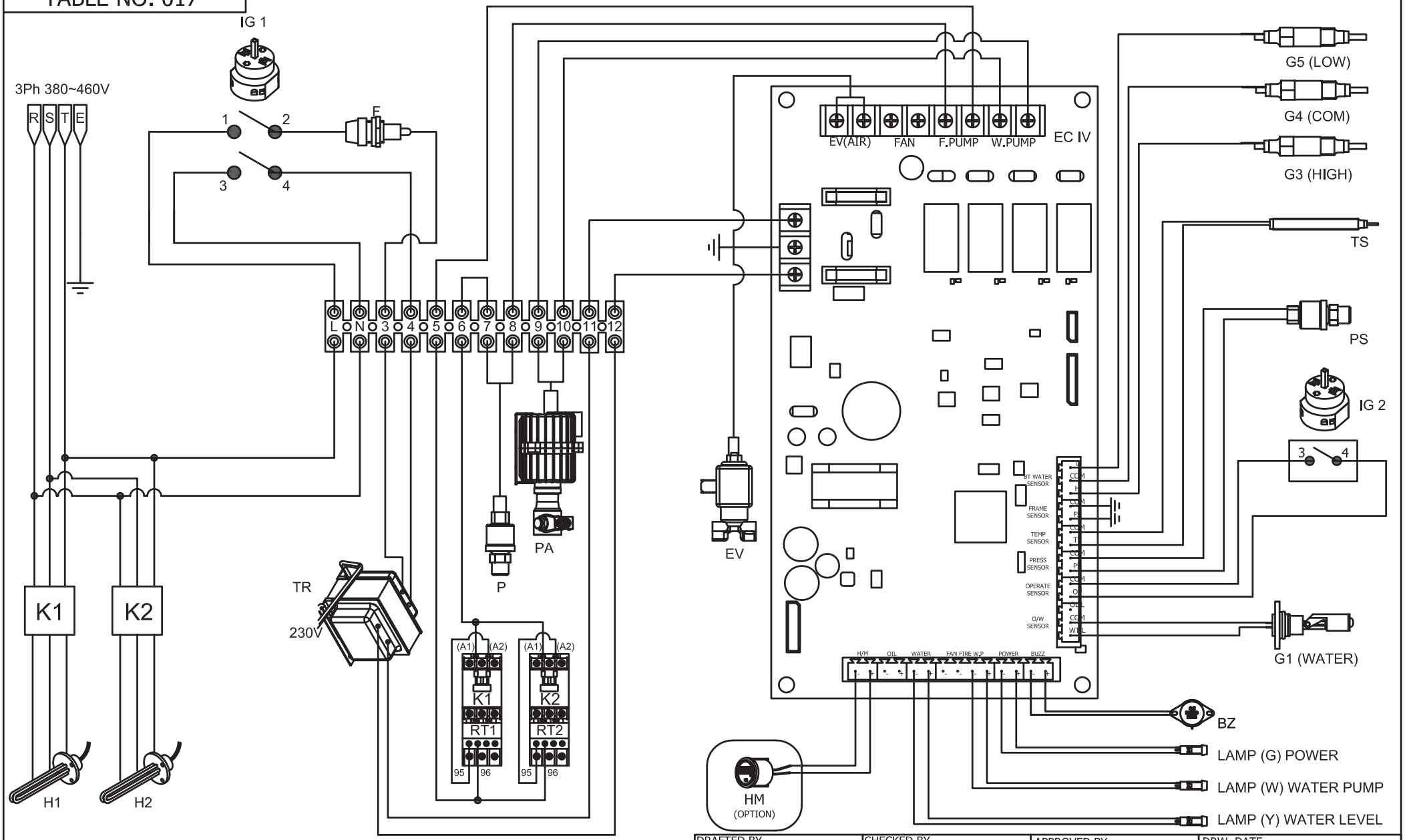
TITLE: SCHEMATIC DIAGRAM(18K, 230V)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 016 : SCHEMATIC DIAGRAM (18K, 230V)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K(1,2)	13-32002	Contactor MC 40A	2	EA		2016.01		
RT(1,2)	70734	Thermal Relay MT-32(22-32A)	2	EA				
H(1,2)	70460	Electric heater 9KW, 3ph 230/400V	2	EA				
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO. 017



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

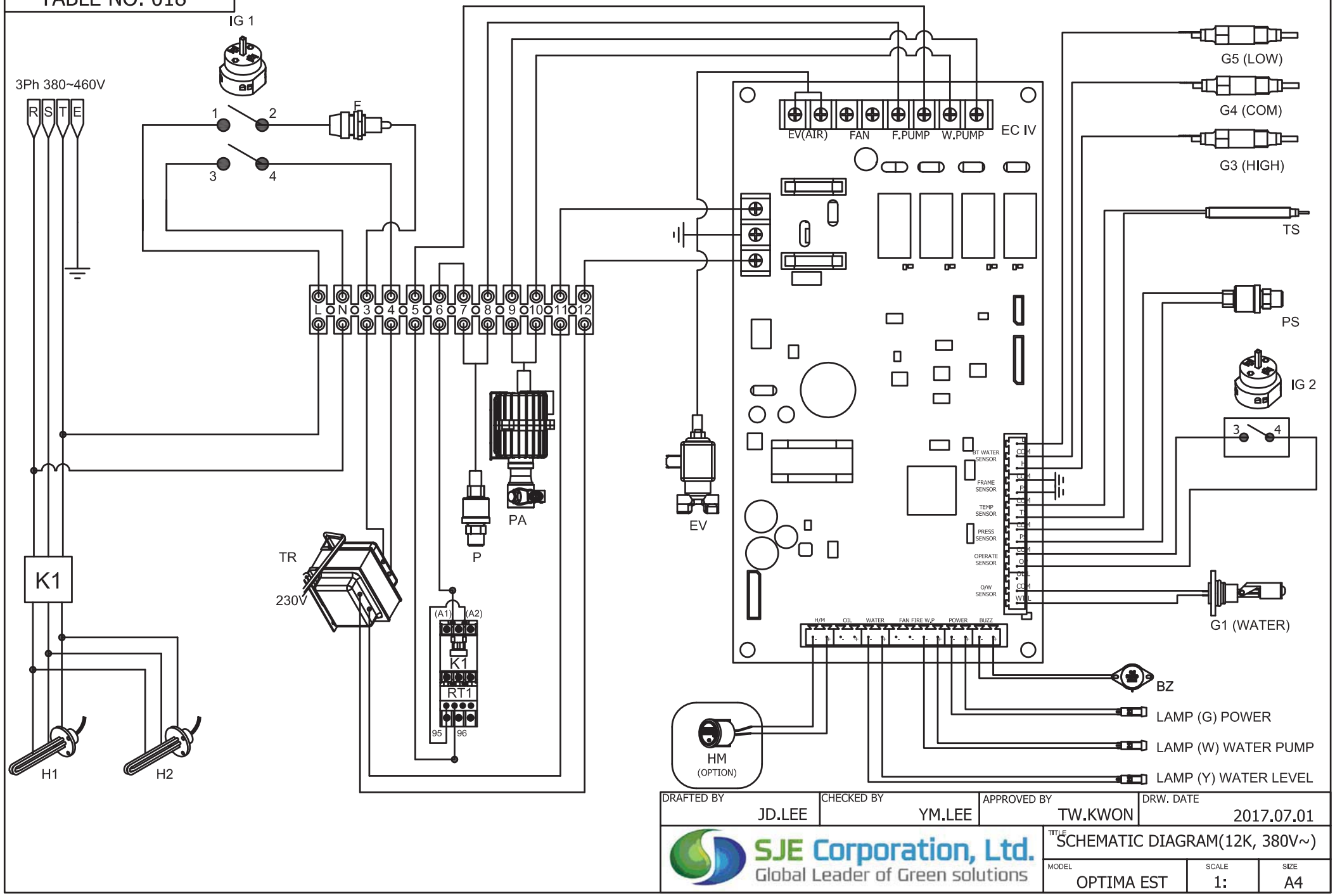
TITLE: SCHEMATIC DIAGRAM(18K, 208V)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 017 : SCHEMATIC DIAGRAM (18K, 208V)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K(1,2)	13-32002	Contactor MC 40A	2	EA		2016.01		
RT(1,2)	70734	Thermal Relay MT-32(22-32A)	2	EA				
H(1,2)	70462	Electric heater 9KW, 3ph 208V	2	EA				
TR	71174	Transformer 208-230V 50/60Hz 250VA with connector	1	EA		2015.02		
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO. 018



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

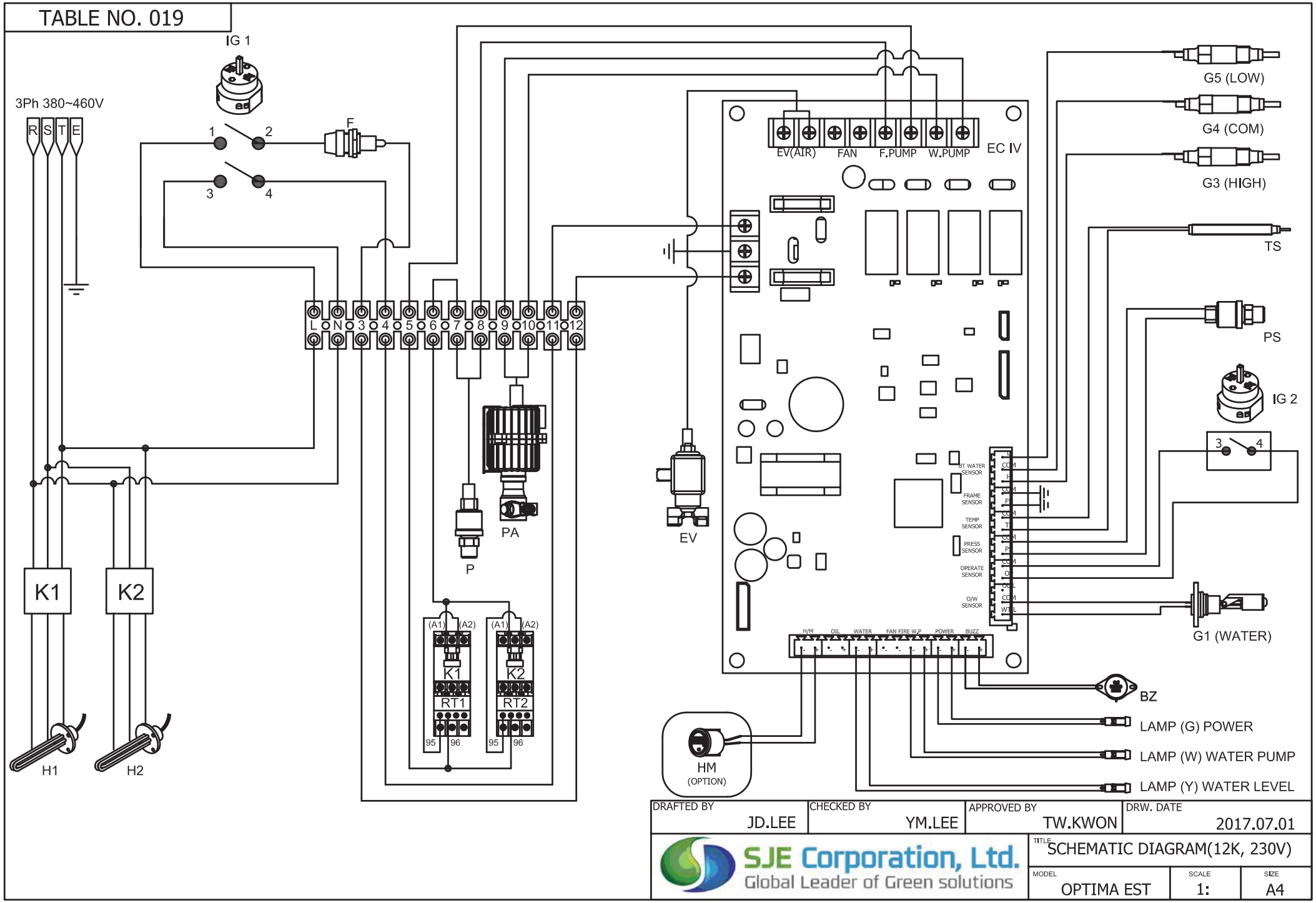
TITLE: SCHEMATIC DIAGRAM(12K, 380V~)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 018 : SCHEMATIC DIAGRAM (12K, 380V~)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K	13-32003	Contactor MC 32A	1	EA		2016.01		
RT	13-32005	Thermal Relay MT-32(16-22A)	1	EA		2016.01		
RT	70735	Thermal Relay MT-32(12-18A), ONLY 600V	(1)	EA		2016.07		
H(1,2)	70459	Electric heater 6KW, 3ph 230/400V	2	EA				
H(1,2)	70464	Electric heater 6KW, 3ph 415V	(2)	EA				
H(1,2)	70475	Electric heater 6KW, 3ph 440V	(2)	EA				
H(1,2)	70468	Electric heater 6KW, 3ph 460V	(2)	EA				
H(1,2)	70479	Electric heater 6KW, 3ph 480V	(2)	EA				
H(1,2)	23-34014	Electric heater 6KW, 3ph 600V	(2)	EA				
TR	71175	Transformer 400-230V 50/60Hz 250VA with Connector	1	EA		2015.02		
TR	23-32023	Transformer 415-230V 50/60Hz 250VA with Connector, Double	(1)	EA				
TR	71176	Transformer 440-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	71177	Transformer 460-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	71178	Transformer 480-230V 50/60Hz 250VA with Connector	(1)	EA		2015.02		
TR	23-32009	Transformer 600-230V 50/60Hz 250VA with Connector	(1)	EA		2016.07		
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO. 019



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

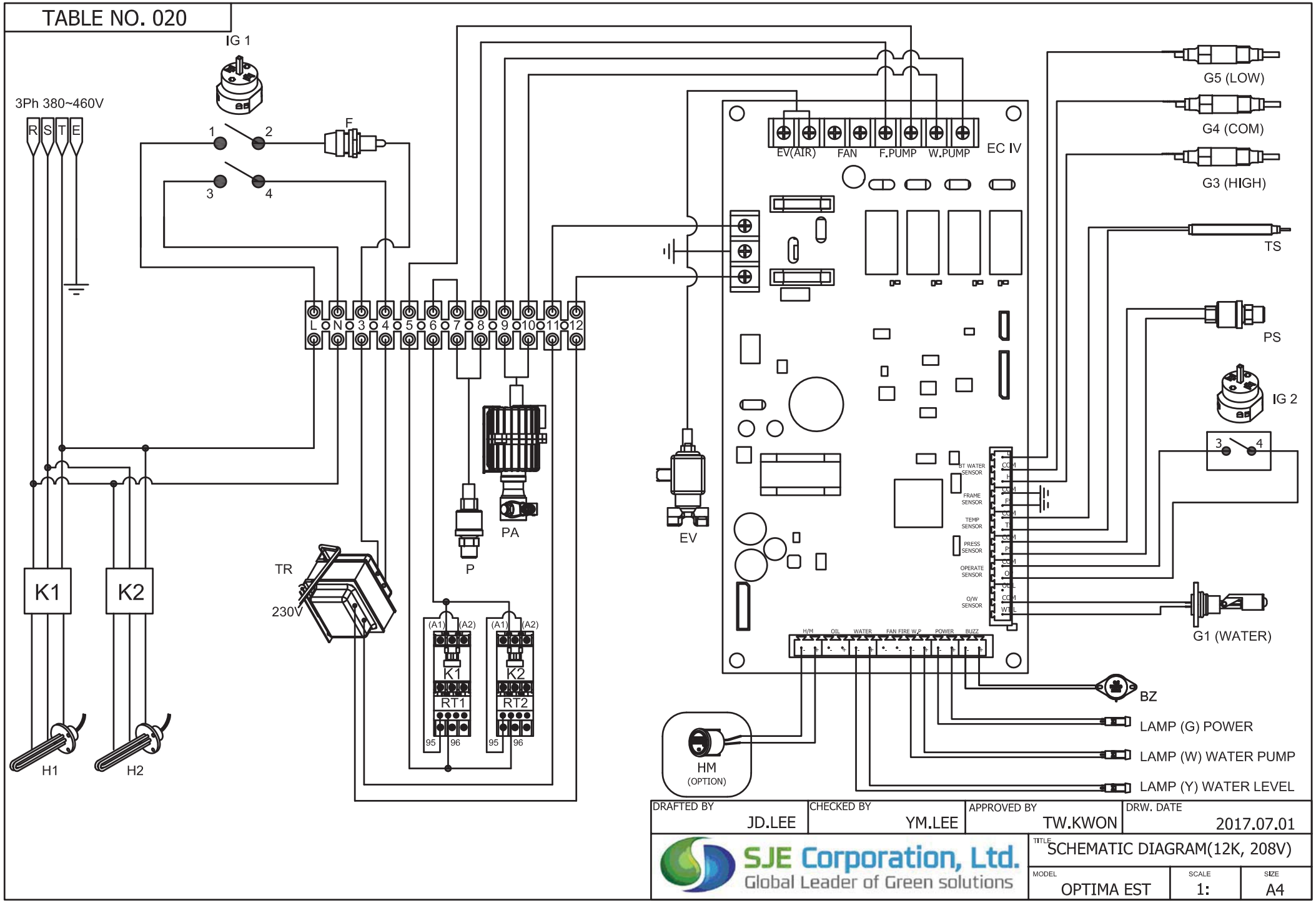
TITLE: SCHEMATIC DIAGRAM(12K, 230V)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 019 : SCHEMATIC DIAGRAM (12K, 230V)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K(1,2)	13-32003	Contactor MC 32A	2	EA		2016.01		
RT(1,2)	13-32005	Thermal Relay MT-32(16-22A)	2	EA		2016.01		
H(1,2)	70459	Electric heater 6KW, 3ph 230/400V	2	EA				
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO. 020



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

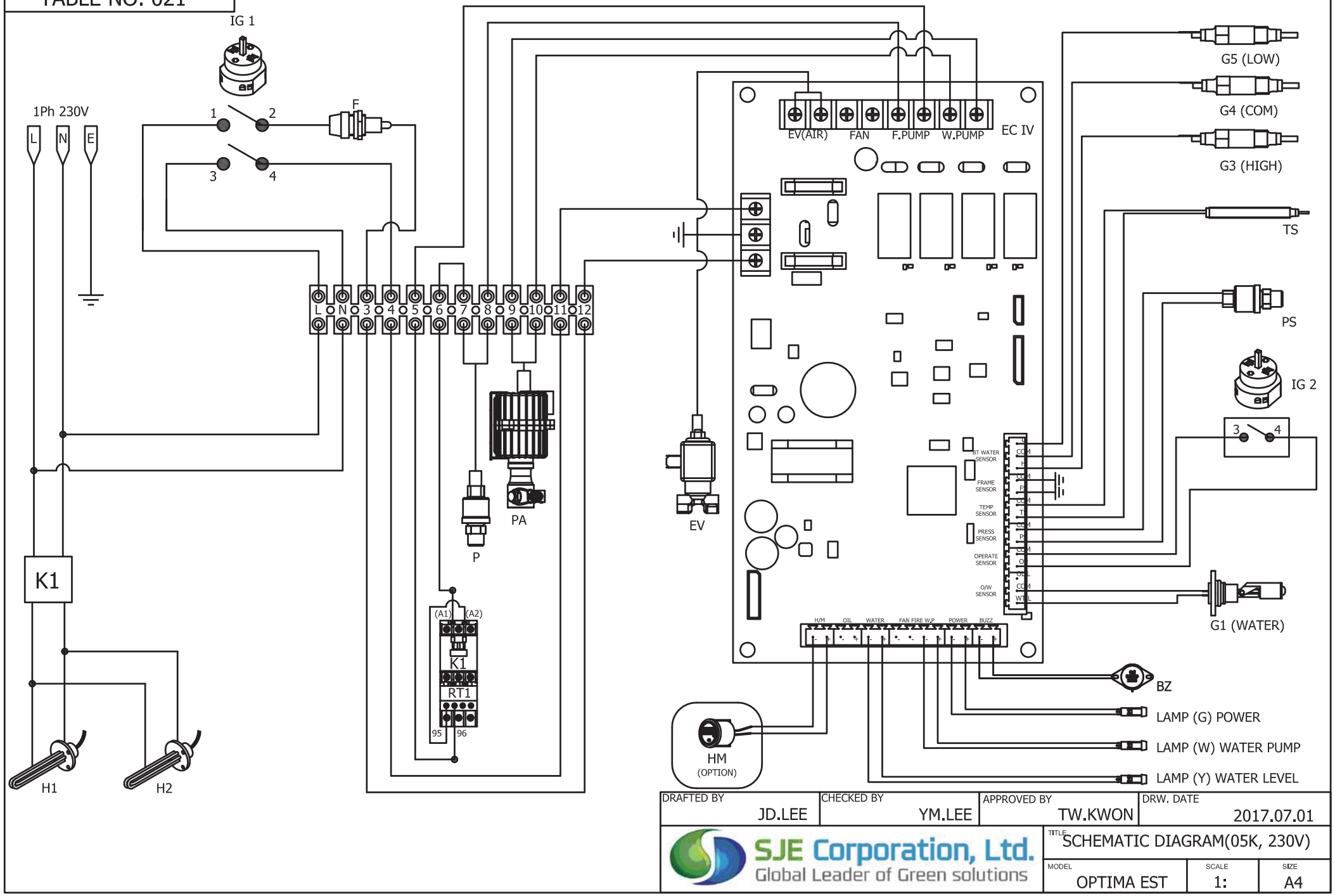
TITLE: SCHEMATIC DIAGRAM(12K, 208V)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 020 : SCHEMATIC DIAGRAM (12K, 208V)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K(1,2)	13-32003	Contactor MC 32A	2	EA		2016.01		
RT(1,2)	13-32005	Thermal Relay MT-32(16-22A)	2	EA		2016.01		
H(1,2)	70461	Electric heater 6KW, 3ph 208V	2	EA				
TR	71174	Transformer 208-230V 50/60Hz 250VA with connector	1	EA		2015.02		
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO. 021



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

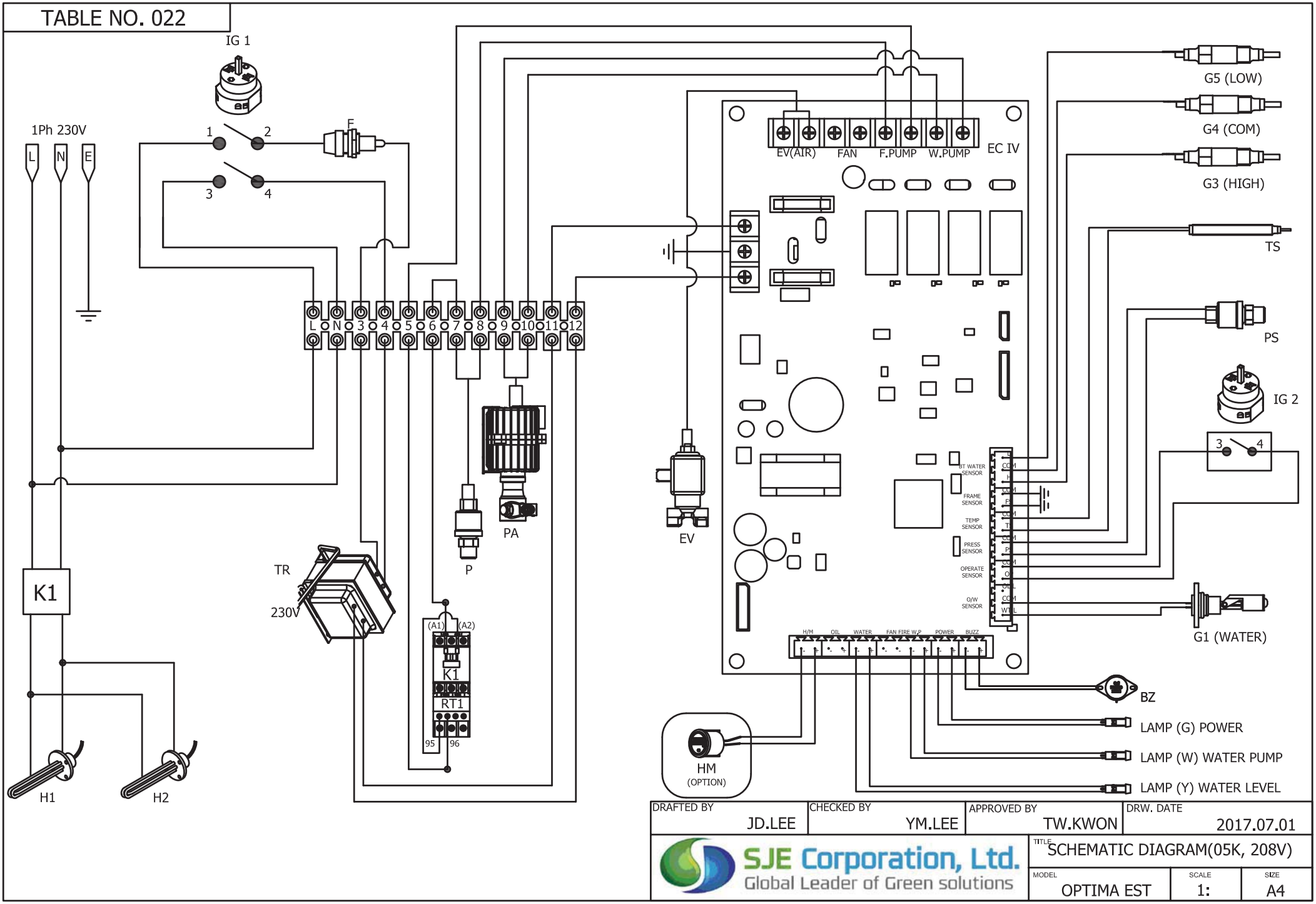
TITLE: SCHEMATIC DIAGRAM(05K, 230V)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 021 : SCHEMATIC DIAGRAM (05K, 230V)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K	13-32003	Contactor MC 32A	1	EA		2016.01		
RT	70734	Thermal Relay MT-32(22-32A)	1	EA		2016.01		
H1	70458	Electric heater 3KW, 230V	1	EA				
H2	70476	Electric heater 2KW, 230V	1	EA				
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO. 022



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE: SCHEMATIC DIAGRAM(05K, 208V)

MODEL	SCALE	SIZE
OPTIMA EST	1:	A4

TABLE NO. 022 : SCHEMATIC DIAGRAM (05K, 208V)

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
IG1	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
IG2	71168	Rotary Switch 16A, SA16 2-1	1	EA		2015.03		
EC IV	23-32020	Electric control card AC 2.3 - GNT	1	EA		2017.07		
TS	71380	Thermistor temp. sensor	1	EA		2014.07		
F	70307	Fuse 5x20 4A	1	EA				
PS	70081	Pressure switch, Auto reset, N/C, 8.5/7 bar	1	EA		2013.10		
P	70082	Pressure switch, Auto reset, N/C, 9.5/8 bar	1	EA		2013.10		
PA	70133	Feedwater pump MO204V viton	1	EA				
BZ	70769	Buzzer DC12V	1	EA				
LAMP G	70972	Green Lamp Assembly	1	EA		2013.01		
LAMP W	70973	White Lamp Assembly	1	EA		2013.01		
LAMP Y	70974	Yellow Lamp Assembly	1	EA		2013.01		
G1	70171	Floater level switch	1	EA		2008.09		
G3	70175	Water probe sensor, HIGH	1	EA		2014.07		
G4	70175	Water probe sensor, COM	1	EA		2014.07		
G5	70175	Water probe sensor, LOW	1	EA		2014.07		
EV	71231	Electronic valve JYZ-3E 230V, air purge	1	EA				
K	13-32003	Contactor MC 32A	1	EA		2016.01		
RT	70734	Thermal Relay MT-32(22-32A)	1	EA		2016.01		
H1	70477	Electric heater 3KW, 208V	1	EA				
H2	70476	Electric heater 2KW, 208V	1	EA				
TR	71174	Transformer 208-230V 50/60Hz 250VA with connector	(1)	EA		2015.02		
HM	70773	Hour meter DC12V (OPTIONAL)	1	EA				

TABLE NO : 023

STANDRAD ACCESSORIES

A. K26 STEAM GUN WITH NOZZLE

B. K26 STEAM GUN WITH QUICK COUPLER

C SILENCE STEAM NOZZLE WITH QUICK PLUG

D STEAM NOZZLE 3.5 WITH QUICK PLUG

E STEAM NOZZLE 5-POLY 3/8, 10m

OPTIONAL ACCESSORIES

DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017-07-01

SJE Corporation Ltd.
Global Leader of Green solutions

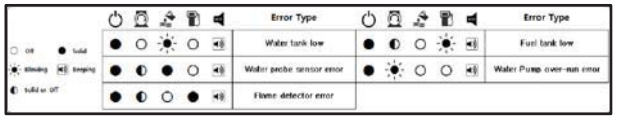
TITLE: ACCESSORIES & OPTIONAL PARTS

MODEL	SCALE	SIZE
OPTIMA EST		

TABLE NO. 023 : ACCESSORIES & OPTIONAL PARTS

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
A	A70015	Steam Gun K26 with nozzle 3.5	1		STANDARD			
B	A70274	Steam Gun K26 G3/8M with quick coupling	1		STANDARD	2013.01		
C	A70026	Steam Nozzle 3.5 + Quick plug	1		STANDARD	2013.01		
D	A71607	Silence steam nozzle + Quick plug	1		STANDARD	2013.01		
E	A70030	Steam hose 5-Poly 3/8, 10m	2	PIFE	STANDARD			
1	A71311	Microfiber towel FBZ, Dark blue			OPTINAL			
2	A71312	Microfiber towel Warp knitted, Dark blue			OPTINAL			
3	A71313	Microfiber towel Wool, Blue			OPTINAL			
4	A71314	Microfiber towel Double warp knitted, Blue			OPTINAL			
5-1	A70039	Power steam hose 5-Poly 3/8, 10m		PIFE	OPTINAL			
5-2	A70059	Power steam hose 5-Poly 3/8, 15m		PTFE	OPTINAL			
5-3	A70060	Power steam hose 5-Poly 3/8, 20m		PTFE	OPTINAL			
6-1	A70057	Steam hose 5-Poly 3/8, 15m		PTFE	OPTINAL			
6-2	A70058	Steam hose 5-Poly 3/8, 20m		PTFE	OPTINAL			
7	A70292	Anti-scaling treatment 1kg			OPTINAL			

TABLE NO : 024



(10)

(8)

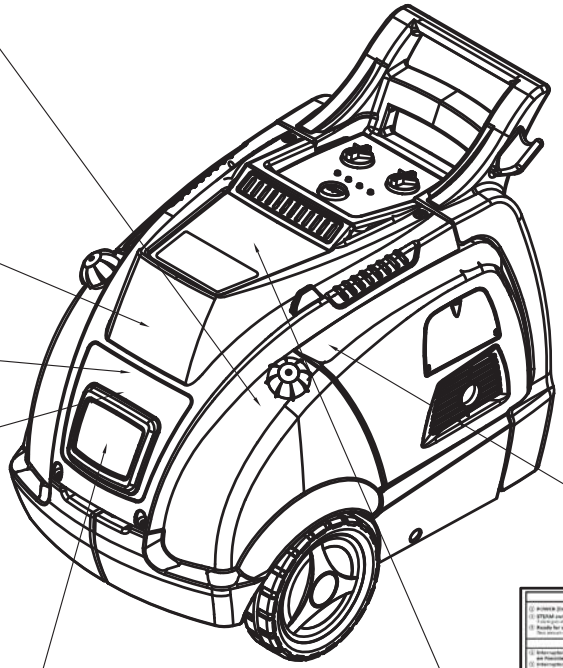
(9)

(2)

(4)

(5)

(1)



(7)

(6)

(3)

DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

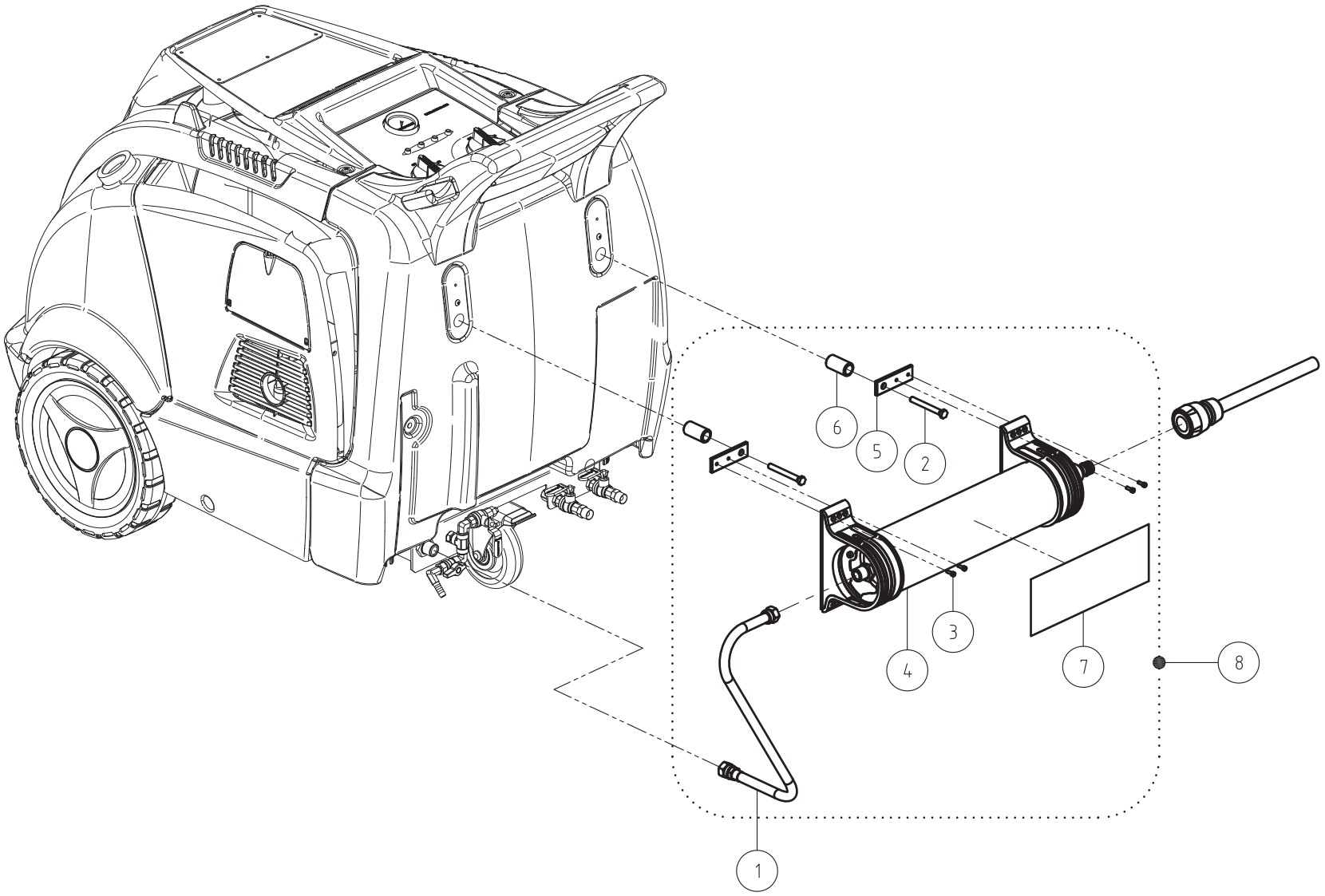
SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE			
OPTIMA DM/DMF STICKER			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 10	A4	

TABLE NO. 024 : OPTIMA EST STICKER

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	70881	SJE house mark sticker	1	EA				
2	70895	OPTIMA STEAMER sticker	3	EA				
3	70941	Start up & Shut down Instruction sticker	1	EA				
4	70904	Attention sticker	1	EA				
5	70908	Cetification Logo Sticker	1	EA				
6	70934	Attention & Caution sticker	1	EA				
7	70900	WATER sticker	2	EA				
9	70890	Label specification, OPTIMA	1	EA				
10	28-80017	Error Sticker, Korean version for electric model	1	EA		2017.07		
10	28-80018	Error sticker, English version for electric model	(1)	EA		2017.07		

TABLE. 025



DRAFTED BY	CHECKED BY	APPROVED BY	DRW. DATE
JD.LEE	YM.LEE	TW.KWON	2017.07.01

SJE Corporation, Ltd.
Global Leader of Green solutions

TITLE			
OPTIONAL PART			
MODEL	SCALE	SIZE	
OPTIMA EST	1: 4	A4	

TABLE NO. 025 : OPTIONAL PART

REF NO.	PART NO.	DESCRIPTION	Q'TY	UNIT	MATERIAL	FROM	TO	REPLACED NO.
1	12-22004	Feedwater hose L.600	1	EA				
2	14-40009	Hex. bolt M8 x 65, Zn	2	EA				
3	14-40010	Hex. Socket Bolt M5 X 20	4	EA				
4	15-50004	Omega, Softener	1	EA				
5	20-06015	Bracket Plate, Omega	2	EA				
6	20-06016	Bracket Rod, Omega	2	EA				
7	28-80004	Omega Softener Sticker	1	EA				
8	85-50003	Omega Softener Kit - (1, 2, 3, 4, 5, 6, 7)	1	SET		2015.05		

SJE Corporation, Ltd.
Global Leader of Green solutions

[Headquarter Office]
78-21, Sandan 7-ro, Jeonggwan-myeon, Gijang-gun, Busan, South Korea
Tel: +82 51-521-3200 | Fax: +82 505-521-3305 | Web: www.SJECorp.com

[Seoul Office]
C203, 40, Imi-ro, Uiwang-si, Gyeonggi-do , South Korea
Tel: +82 31-479-5660 | Fax: +82 505-521-3305 | Web: www.SJECorp.com

STEAMERICAS
www.steamericas.com

[US office- Steamericas, Inc.]
808 HINDRY AVENUE # E INGLEWOOD, CA 90301, United States
Tel: +1 310-327-8900 | Fax: +1 866-275-3582 | Web: www.steamericas.com