

SPECIFICATION SHEET

SR.#	<u>DESCRIPTION</u>	QTY NOS
01	<u>SPARES OF CANNED MOTOR ABSORBER PUMP MODEL: L034C-2CH-40S-3</u> Complete Set Including: • SS Bushes, Carbon Bushes, Pump gaskets	01 set
02	<u>SPARES OF CANNED MOTOR REFRIGERANT PUMP MODEL: W003M-4BF-40S-1</u> Complete Set Including: • SS Bushes, Carbon Bushes, Pump gaskets	01 set
03	<u>DIFFERENTIAL PRESSURE SWITCH: (FOR LIQUID)</u> • Type: YPS-C104, Range: 0.2-3 kgf/cm²; Make: SAGINOMIYA or Equivalent • Max pressure: 13 kgf/cm²; 220VAC (1/4" Flare connection)	04 Nos
04	<u>HIGH PRESSURE COMPOUND GAUGE:</u> • Range: 0 to +2 kgf/cm² and 0 to -70 cmHg Connection size: 3/8" • Make: European or equivalent.	01 Nos
05	<u>HIGH PRESSURE COMPOUND GAUGE.</u> Range: -0.1 to +2 bar Make: KINS or Equivalent; Connection Size: 1/4" Flare	01 Nos
06	<u>COMPOUND PRESSURE SWITCH:</u> (For High Temperature Generator of Absorption Chillers). Range: -50 to 0 cmHg, 0 to 1 kgf/cm ² Max Pressure: 3 kgf/cm ² 220V AC (1/4" Flare connection) Make; SAGINOMIYA or Equivalent	01 Nos
07	<u>COMPOUND PRESSURE SWITCH:</u> (For High Temperature Generator of Absorption Chillers). Range: -0.06 to 0 Mpa, & 0 to 0.6 Mpa, Max Pressure: 1.5 Mpa, 220V AC (1/4" Flare connection) Make; SAGINOMIYA or Equivalent	01 Nos
08	<u>Set of Solenoid Valves for Natural Gas Line:</u> (EV1+EV) Gas Valve, Code: 13950109, Type: EG40*SR*GMO, Class A:P _{max} 200mbar 230V, 50/60 Hz, 37 W , IP-54 Start (120 sec) 138 W (Each Contains 02 Nos. Valves)	01 Nos
09	<u>NATURAL GAS PRESSURE REGULATING VALVE:(Gas Regulator)</u> FGxx 32-50/40, P2: 65÷130 Marron / Brown, FSxx 32-40 P2:70÷120Marron/Brown. ST4B 20-40 P2: 65÷120 Marron/Brown. Filter Gas FG 45φ (50μm)	01 Nos
10	<u>GAS PRESSURE REGULATING VALVE:</u> P1 Max: 0.5 bar, P2 Max: 20-70mbar VIOLA/VIOLAET Connection Size: 1" Model: 1GDR40 Make: Giulaini Anello or Equivalent	01 Nos
11	<u>DIAPHRAGM VALVE PACKING:</u> (Compatible to LS Absorption Chillers) φ20mm	04 Nos
12	<u>DIAPHRAGM VALVE ASSEMBLY:</u> (Compatible to LS Absorption Chillers) φ20mm	03 Nos
13	<u>VACUUM PUMP WITH MOTOR (Oil Rotary Pump) Model: GRP-180 or Equivalent</u> Motor 3 ph squirrel –cage induction 0.4 kw, 4 pole, 1.54 Amp, 400v, 1370rpm pump speed, 180 lit/min, ultimate pressure: 5.0 x10 ⁻³ torr Connection: Flanged 3/4" Make: KODIVAC or Equivalent	01 Nos
14	<u>SOLENOID VALVE FOR VACUUM PUMP:</u> Pump Model: SHP 180 B or Equivalent, Connection: 1" Flanged 220VAC, Suitable for absorption Chillers.	01 Nos

15	<u>SOLENOID VALVE FOR VACUUM PUMP:</u> Pump Model: GRP-180 B or Equivalent, Connection: 3/4" Flanged 220VAC, Suitable for absorption Chillers.	01 Nos
16	<u>MERCURY U-TUBE MANOMETER:</u> Connection Size: 1/2", Range: -50 to +50mmHg abs Make: European	02 Nos
17	<u>DIESEL PUMP:</u> Model: E6NC 10016P or Equivalent, With 3 phase Induction Motor 0.55kw,400V, 1.7Amp, Make: EUWHAN Engineering Co, Korea or Equivalent	01 Nos
18	<u>SERVICE VALVE:</u> (Compatible to LS Chillers Model LDF -S028S or Equivalent)	02 Nos
19	<u>LEVEL RELAY:</u> Model: LSC-A21-20 or Equivalent	01 Nos
20	<u>FLAM DETECTOR:</u> Model: QRA-2, Make: Siemens or Equivalent	03 Nos
21	<u>PT-100 SENSORS:</u> (Resistance temperature Detector)	05 Nos
22	<u>BURNER PROTECT RELAY:</u> 11 Pin 220V, 7amp,CR-4 KOINO	06 Nos
23	<u>BURNER PROTECT RELAY:</u> 08 Pin 220V, 7amp,CR-3 KOINO	03 Nos
24	<u>RELAY:</u> 08 Pin 220VAC, 5amp,	10 Nos
25	<u>RELAY:</u> 14 Pin 220VAC, 3amp,	08 Nos
26	<u>ELECTROMAGNETIC RELAY:</u> 14 Pin, 3A, 250VAC, 50/60Hz, Model: SZR-MY4-N1 Make: HONEWELL or Equivalent	10 Nos
27	<u>ELECTROMAGNETIC RELAY:</u> 08 Pin, 10A,250VAC, 10A 30VDC, 50/60 Hz, Model: MY2N, Make: OMRON or Equivalent	05 Nos
28	<u>ELECTROMAGNETIC RELAY:</u> 14 Pin, 5A,250 VAC, 50/60 Hz, Model: MY4N, Make:OMRON or Equivalent	05 Nos
29	<u>VARIABLE FREQUENCY DRIVE:</u> 5.5KW, 400V / 50Hz Make: LS,KOREA or Equivalent	02 Nos
30	<u>IGNITION TRANSFORMER:</u> Capacity: 200VA, 50/60 Hz, 1 phase, Make: SHIN HWA ELECTRIC, KOREA or Equivalent	01 Nos
31	<u>POTENTIOMETER:</u> (For Burner Damper Motor) 220/240 VAC, 50/60 Hz, 6.5 VA. Make: SIEMENS or Equivalent	01 Nos
32	<u>SIGHT GLASS WITH PACKING:</u> For absorption Chiller Absorber and Evaporator.	02 set
33	<u>GENERATOR SIGHT GLASS WITH PACKING:</u> For absorption Chiller HT Generator.	02 set
34	<u>BURNER SIGHT GLASS WITH PACKING:</u> For absorption Chiller Burner	02 set
35	<u>BLOWER MOTOR FOR BURNER:</u> 2.2 KW, 2P, 5.5 AMP, 400 V, 2800 rpm, 50 Hz, Make: EUWHAN Engineering Co. KOREA or Equivalent	02 Nos
36	<u>BURNER PROGRAMMER WITH BASS:</u> Model: LFL1.335 Series 01, 220-240 V, 50-60 Hz. 3.5 VA Make: SIEMENS, GERMANY or Equivalent	01 Nos
37	<u>MODULATING MOTOR:</u> (Burner Damper Motor) SQN 30.402A2700, 220-240 V, 30S/90°, 30NM, 50/60 Hz,605VS, Make: SIEMENS, GERMANY or Equivalent	01 Nos
38	<u>IGNITION ELECTRODE WITH WIRE:</u> (Compatible to LS Abs. Chiller Model: LDF-S028S) Compact 10/20 CM. PR1: 230V,1.2A,50Hz, Sec: 2x5 kvrms,20Ma ED: 25%. Make: Treviso, Italy or Equivalent	01 Nos
39	<u>H.T GENERATOR TEMPERATURE SWITCH:</u> (Compatible to LS Abs. Chiller Model LDF-S028S)	02 Nos
40	<u>TRANSFORMER:</u> Pri.V: 0,220,380,400,415 Sec.V: 0,110,200,220,230 Single phase, 50Hz, BHTB-DR300 0.075 KVA. Make: ANYANG KOREA or Equivalent	01 Nos
41	<u>TRANSFORMER:</u> Pri.V: 0,220, Sec.V: 0,17,0,20 Single phase, 50Hz, BHTB-DR300 0.075KVA. Make: ANYANG KOREA or Equivalent	01 Nos
42	<u>LEVEL ELECTRODE:</u> (Compatible to LS Abs. Chiller Model LDF-S028S)	01 set

43	<u>PGLK LEAK GAS PRESSURE SWITCH:</u> 2.5-50 mbar LGW50A4 Line connection Size: $\phi 1/2''$ 220VAC.	05 Nos
44	<u>PGLK LOW GAS PRESSURE SWITCH:</u> 2.5-50 mbar DUNGS LGW50A4; Line connection Size: $\phi 1/2''$ 220VAC.	04 Nos
45	<u>PGSH GAS PRESSURE SWITCH:</u> 2.5-50 mbar SW150A4; Line connection Size: $\phi 1/2''$ 220VAC.	04 Nos
46	<u>AIR PRESSURE SWITCH:</u> 0.4-3 mbar 220 VAC	02 Nos
47	<u>FLOAT-LESS SWITCH:</u> Model: 61F-GP-N L 4km, Make: OMRON or equivalent, 220V, 50Hz, 3.5KVA Max.	02 Nos
48	<u>ACTUATOR BALANCING RELAY:</u> 200-240V, 50Hz, Make: UKPLC2 or equivalent	02 Nos
49	<u>TIMER SWITCH FOR BURNER:</u> 0-30 Sec. H3Y, 220VAC, 3A 14Pin. Make: OMRON or equivalent	03 Nos
50	<u>THERMOSTAT:</u> 50-320°C Make: EGO GERMANY or equivalent	03 Nos