



HOSHIZAKI
MODULAR CRESCENT CUBER

MODEL
KML-350MAH
KML-350MWH

PARTS LIST

HA

KML-350MAH

L-0 NOV., 2001

KML-350MWH

L-0 SEPT., 2001

MATERIAL ABBREVIATIONS

ALUMINUM

AL = Aluminum

COPPER

CU = Copper

PLASTIC

ABS = Acrylonitrile -butadiene - styrene
 AC = Polyacetal
 EVA = Ethylene vinyl acetate
 PA = Polyamide = Nylon
 PC = Polycarbonate
 PE = Polyethylene
 PES = Polyester
 PETP = Polyethylene terephthalate = Tetlon
 PP = Polypropylene
 PS = Polystyrene
 PTFE = Polytetrafluoroethylene = Teflon
 PUR = Polyurethane
 PVC = Polyvinyl chloride

RUBBER

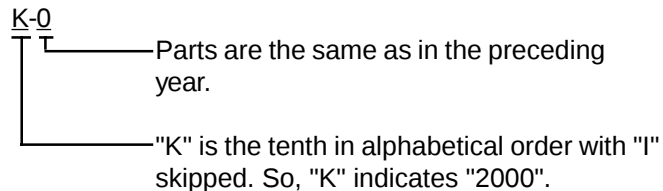
VN = Vinyl Nitrile
 EPDM = EP rubber
 NBR = Nitrile butadiene rubber
 NR = Natural rubber
 NP = Neoprene
 SI.R = Silicone rubber
 SY.R = Synthetic rubber
 EPH = Epichlorohydrin

STEEL

GS = Galvanized steel
 SS = Stainless steel
 PS = Plated steel
 PAS = Primed steel

AUXILIARY CODE

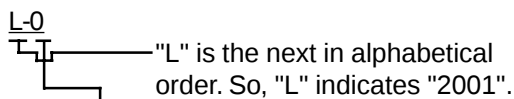
Ex.1



(Note) - = Part deleted.

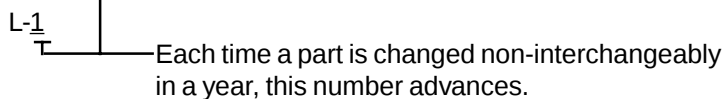
x = Part deleted and replaced by "o" (interchangeable) part.

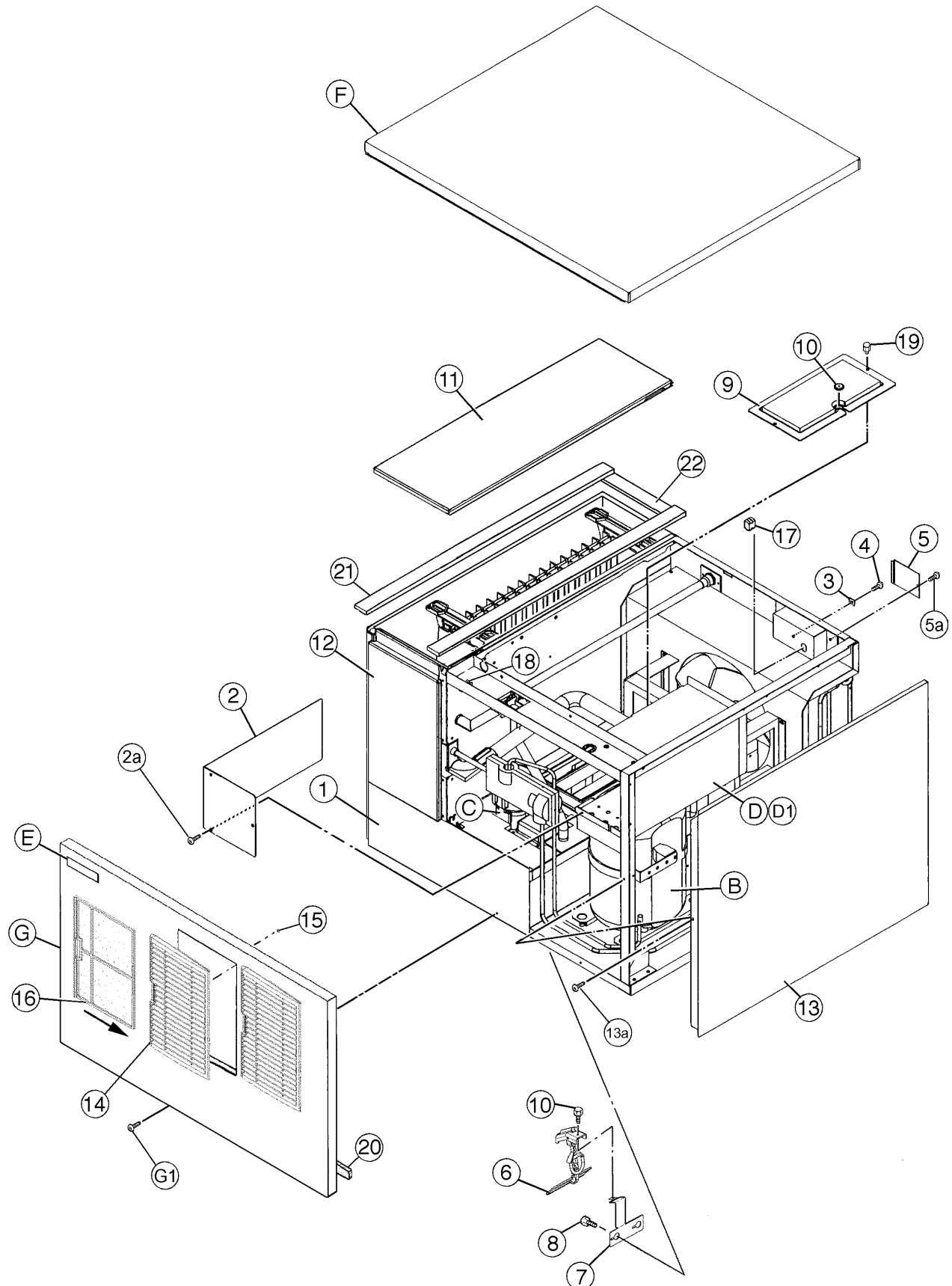
Ex.2



o = New part for "x" in the same auxiliary code.

Ex.3

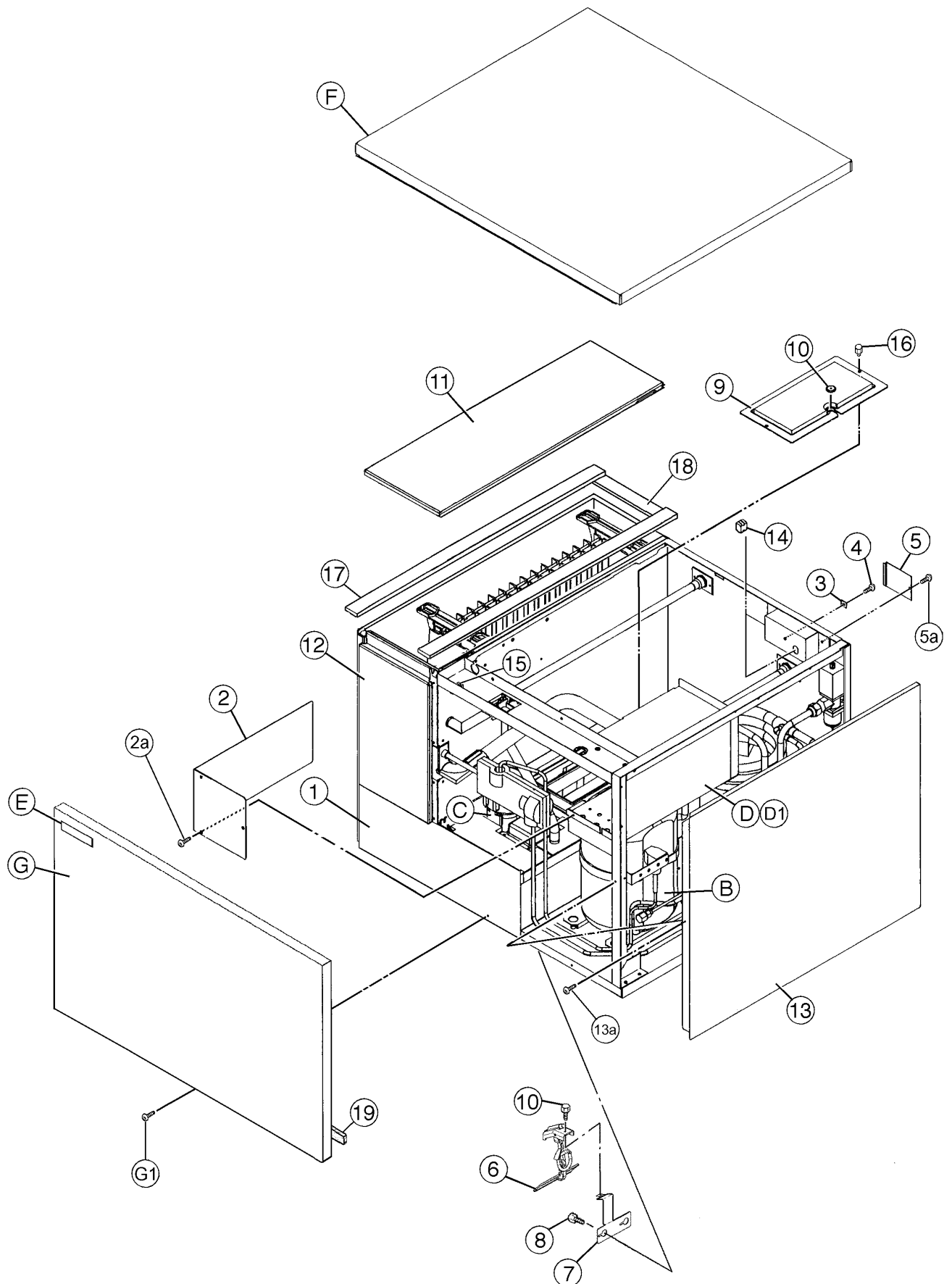




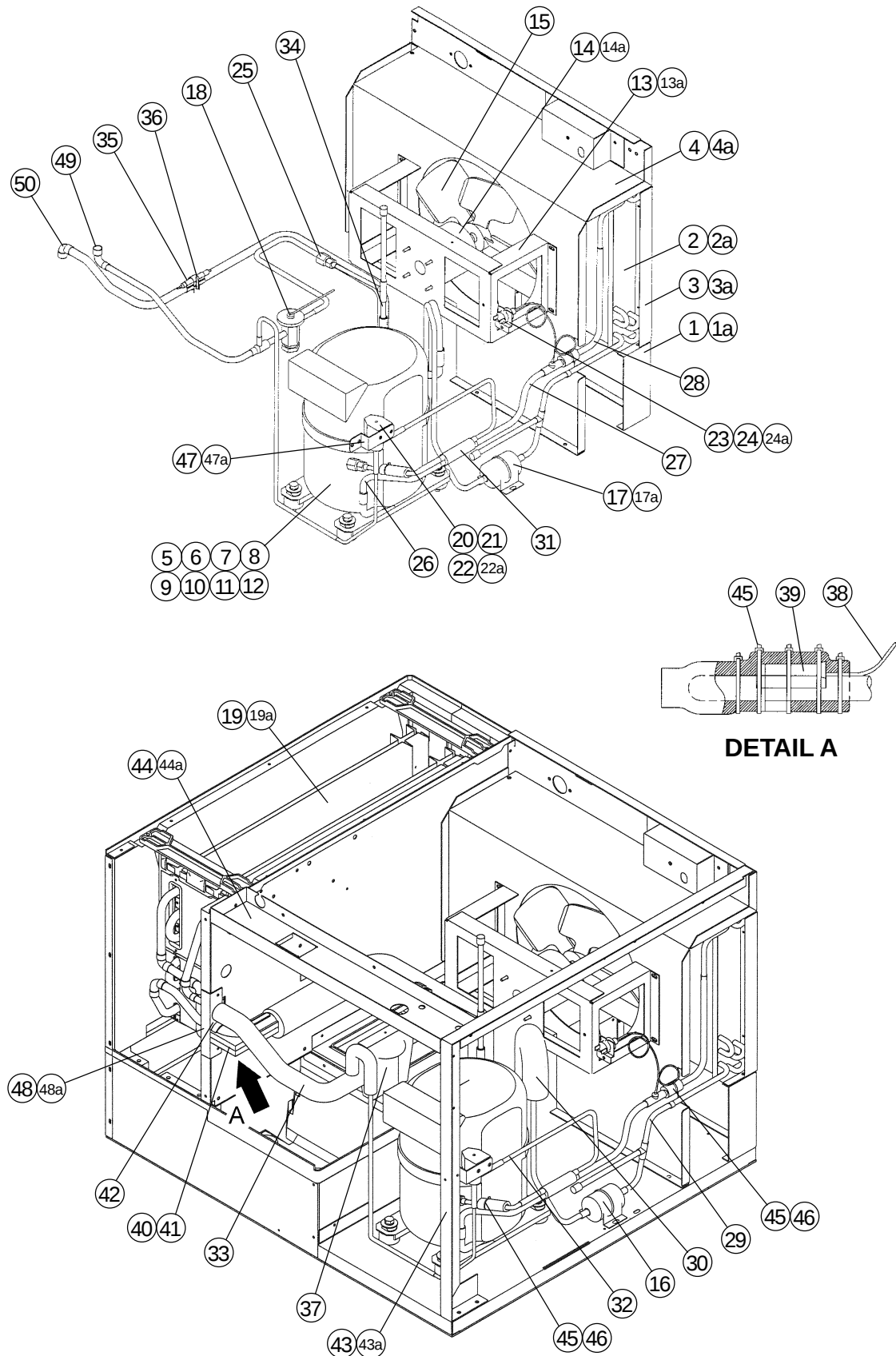
MODEL: KML-350MAH TITLE: A. ICE CUBER ASSEMBLY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				L-0				
B	REFRIGERATION CIRCUIT	-	1A0445A01	1				
C	WATER CIRCUIT	-	1A0438A01	1				
D	CONTROL BOX ASSEMBLY	-	2A2272A01	1				
D1	T2 SCREW	4X8	7P31-0408	3				
E	LABEL LOCATION	-	3A2035A01	1				
F	TOP PANEL ASSEMBLY	-	3A1862A01	1				
G	FRONT PANEL	-	3A1859A01	1				
G1	TRUSS HEAD SCREW	4X8, SS	7C32-0408	2				
1	EVAPORATOR CASE	-	2A2113G01	1				
2	CONTROL BOX COVER	GS	3A1828-01	1				
2a	T2 SCREW	4X8	7P31-0408	3				
3	SQUARE WASHER	BRASS	433537-02	1				
4	SCREW - GROUNDING	BRASS	433304-02	1				
5	JUNCTION BOX COVER	GS	433410-01	1				
5a	T2 SCREW	4X8	7P31-0408	1				
6	BIN SWITCH	-	4A2430-01	1				
7	BRACKET (L)	-	3A1433-01	1				
8	THUMBSCREW	SS, ABS	415949G09	2				
9	BIN CONTROL COVER	GS	3A0664G01	1				
10	THUMBSCREW	-	4H3270G01	1				
11	TOP INSULATION	PP	215730G01	1				
12	FRONT INSULATION	PP	2A0664G01	1				
13	SIDE PANEL (R)	SS	2A2111G01	1				
13a	T2 SCREW	4X8, SS	7P32-0408	1				
14	LOUVER (B)	ABS	1A0548-01	2				
15	PUSH RETAINER	-	4A2414-01	6				
16	AIR FILTER (B)	ABS	2A2063G01	2				
17	BUSHING	SR-34-2	420472-03	1				
18	WIRE SADDLE	VWS4238-C	4A0338-02	2				
19	THUMBSCREW	SS, ABS	415949G04	2				

HA

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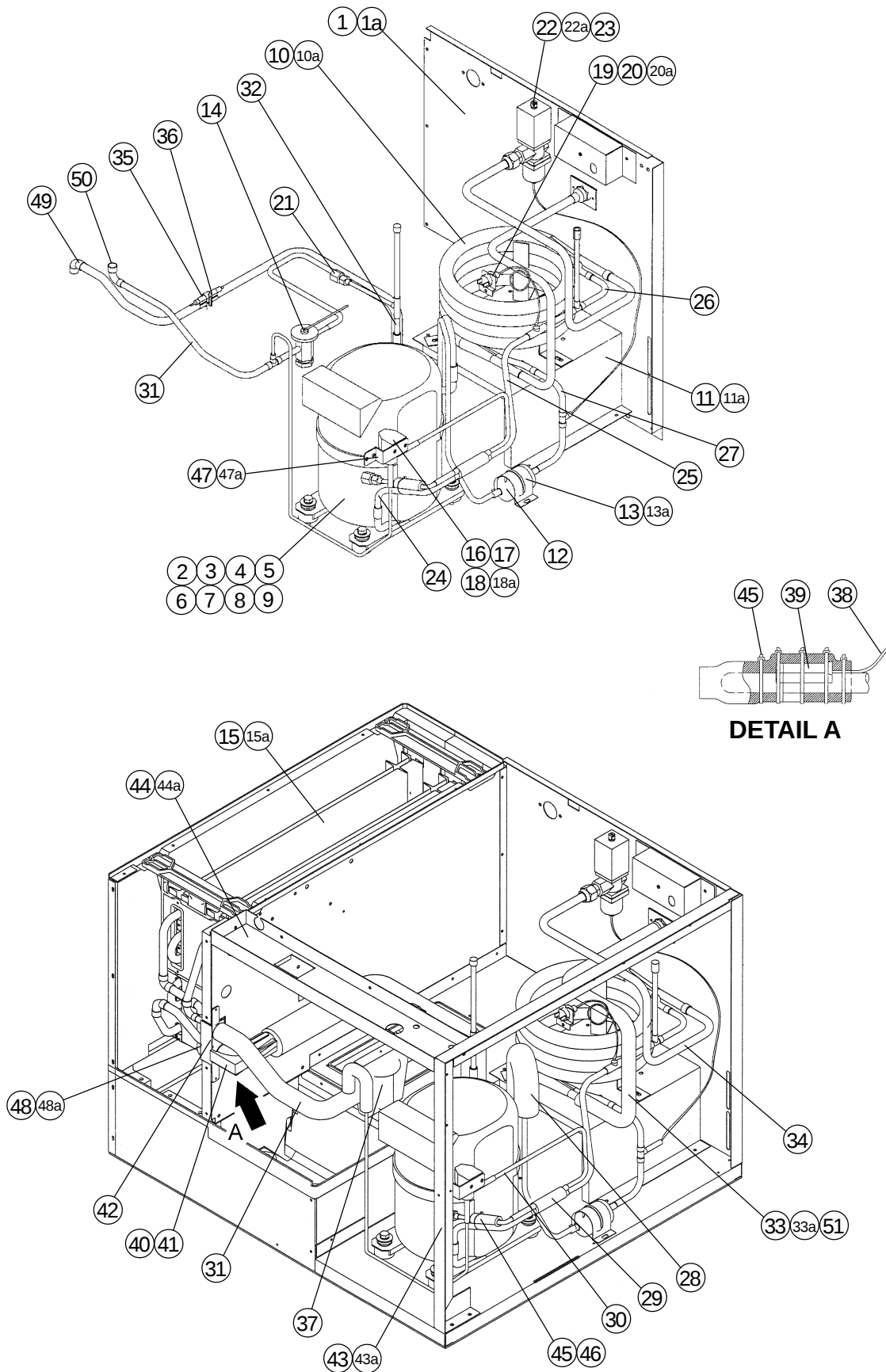


MODEL: KML-350MWH TITLE: A. ICE CUBER ASSEMBLY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				L-0				
B	REFRIGERATION CIRCUIT	-	1A0444A01	1				
C	WATER CIRCUIT	-	1A0438A01	1				
D	CONTROL BOX ASSEMBLY	-	2A2272A02	1				
D1	T2 SCREW	4X8	7P31-0408	3				
E	LABEL LOCATION	-	3A2036A01	1				
F	TOP PANEL ASSEMBLY	-	3A1862A01	1				
G	FRONT PANEL	-	3A1859A02	1				
G1	TRUSS HEAD SCREW	4X8, SS	7C32-0408	2				
1	EVAPORATOR CASE	-	2A2113G01	1				
2	CONTROL BOX COVER	GS	3A1828-01	1				
2a	T2 SCREW	4X8	7C31-0408	3				
3	SQUARE WASHER	BRASS	433537-02	1				
4	SCREW - GROUNDING	BRASS	433304-02	1				
5	JUNCTION BOX COVER	GS	433410-01	1				
5a	T2 SCREW	4X8	7C31-0408	1				
6	BIN SWITCH	-	4A2430-01	1				
7	BRACKET (L)	-	3A1433-01	1				
8	THUMBSCREW	SS, ABS	415949G09	2				
9	BIN CONTROL COVER	GS	3A0664G01	1				
10	THUMBSCREW	-	4H3270G01	1				
11	TOP INSULATION	PP	215730G01	1				
12	FRONT INSULATION	PP	2A0664G01	1				
13	SIDE PANEL (R)	SS	2A2111G01	1				
13a	T2 SCREW	4X8, SS	7P32-0408	1				
14	BUSHING	SR-30-1	420472-03	1				
15	WIRE SADDLE	VWS4238-C	4A0338-02	2				
16	THUMBSCREW	SS, ABS	415949G04	2				
17	GASKET	L=655	4A0808L02	2				
18	GASKET	L=190	4A0808L02	1				
19	GASKET	L=762	4A0808L02	1				



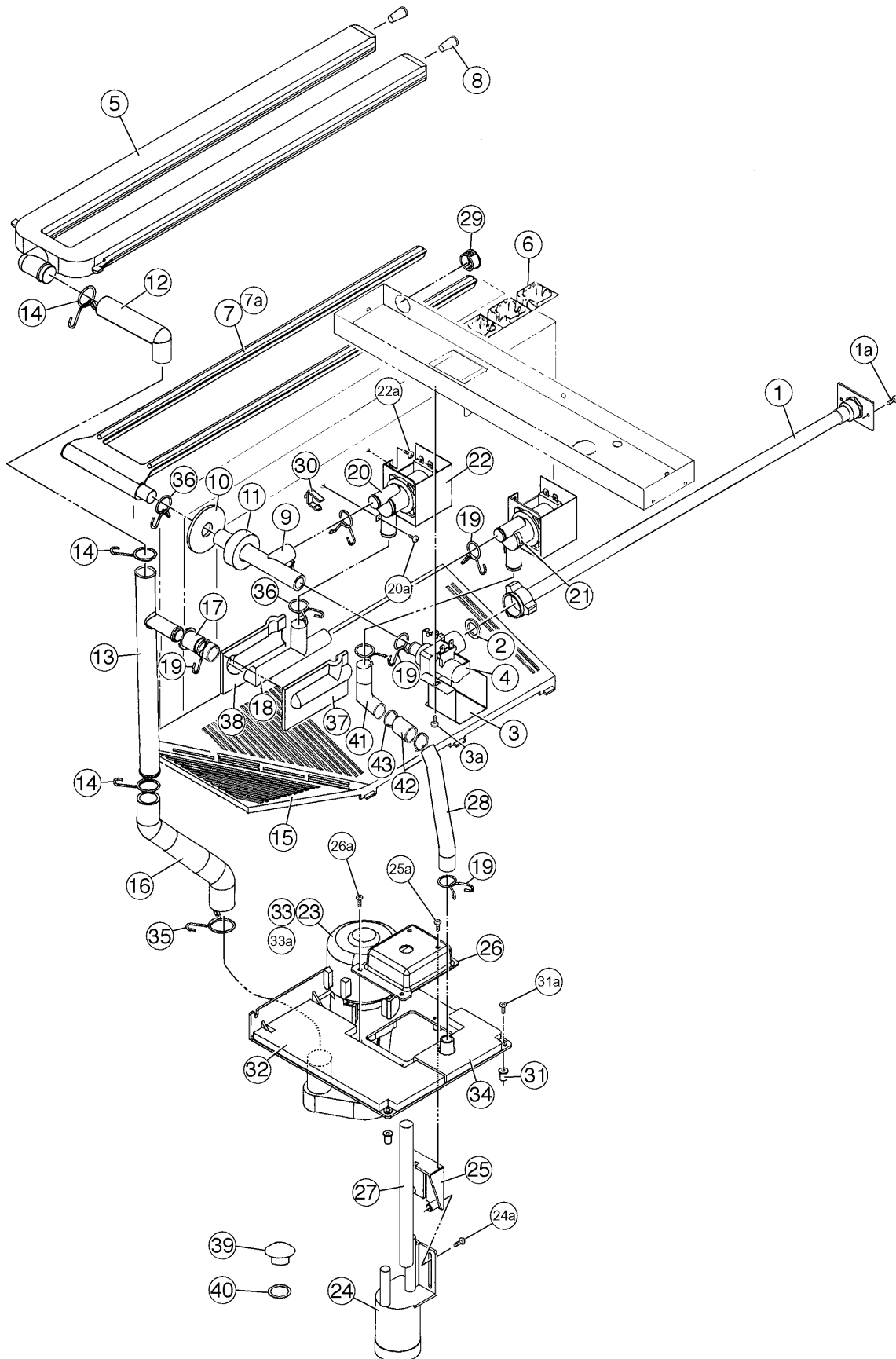
MODEL: KML-350MAH TITLE: B. REFRIGERATION CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				L-0				
1	COND. SUPPORT	GS	3A0589-01	1				
1a	T2 SCREW	4X8	7P31-0408	5				
2	CONDENSER	-	2A0779-01	1				
2a	T2 SCREW	4X8	7P31-0408	3				
3	BARRIER	GS	4A0932-01	1				
3a	T2 SCREW	4X8	7P31-0408	2				
4	SHROUD	GS	3A0597G01	1				
4a	T2 SCREW	4X8	7P31-0408	5				
5	COMPRESSOR	RS43C2E-CAA-219	4A2300-01	1				
6	TERMINAL COVER	COMP. ACCESSORY	4A2300F01	1				
7	SPRING CLIP	COMP. ACCESSORY	4A2300F02	1				
8	MOTOR PROTECTOR	COMP. ACCESSORY	4A1805-01	1				
9	PROTECTOR HOLDER	COMP. ACCESSORY	437339-01	1				
10	BOLT	8X45	437889-01	4				
11	SPACER	027-0072-02	434404-01	1				
12	GROMMET	527-0039-04	434403-01	4				
13	FAN MOTOR BRACKET	GS	2A0181-01	1				
13a	HEX HEAD BOLT W/WASHER (LF)	5X12	7B0130512	4				
14	FAN MOTOR	U90B1 7190-1031	440911-01	1				
14a	SELF LOCKING NUT	NO. 8-32	7N2110832	4				
15	FAN BLADE	AD10CW32	444898-01	1				
16	DRIER	CW-0325-S	4A1413-01	1				
17	DRIER BRACKET	GS	4A0807-01	1				
17a	T2 SCREW	4X8	7P31-0408	2				
18	EXPANSION VALVE	AN ½ SW 70	4A1838-02	1				
19	EVAPORATOR ASSEMBLY	-	2A0717G01	1				
19a	T2 SCREW	4X16, SS	7P32-0416	4				
20	VALVE BODY	70	440352-01	1				
21	COIL-VALVE	ABS-25-1-HD-2	440353-01	1				

MODEL: KML-350MAH TITLE: B. REFRIGERATION CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				L-0				
22	BOLT	-	440353F01	1				
22a	TRUSS HEAD SCREW	4X8	7C31-0408	2				
23	PRESSURE SWITCH	ACB-1UB09	433441-07	1				
24	PRESSURE SWITCH BRACKET	GS	434938-01	1				
24a	T2 SCREW	4X8	7P31-0408	1				
25	ACCESS VALVE	TCJ-2F20 NH DU-1	457729-01	2				
26	COPPER TUBE (A) - HIGH SIDE	COPPER	4A1846-01	1				
27	COPPER TUBE (B) - HIGH SIDE	COPPER	3A1317-01	1				
28	COPPER TUBE (C) - HIGH SIDE	COPPER	3A1316G01	1				
29	COPPER TUBE (D) - HIGH SIDE	COPPER	3A1311G01	1				
30	HEAT EXCHANGER	COPPER	2A1498G01	1				
31	STRAINER	-	4A0397-01	1				
32	COPPER TUBE (A) - HOT GAS	COPPER	4A1878-01	1				
33	COPPER TUBE (B) - HOT GAS	COPPER	2A1502G01	1				
34	COPPER TUBE (A) – ACCESS VALVE	COPPER	3A1323G01	1				
35	HOLDER / EXP. VALVE – 1/2	SS	3A0112-01	1				
36	CLAMP	SS	443461-02	1				
37	EXPANSION VALVE COVER	PE FOAM	4A1168-01	1				
38	THERMISTOR	-	429006-03	1				
39	HOLDER - THERMISTOR	COPPER	427430-01	1				
40	INSULATION – THERMISTOR (A)	PE FOAM	439368-01	1				
41	INSULATION – THERMISTOR (B)	PE FOAM	439368-02	1				
42	INSULATED RUBBER TUBE	EPDM	4A1008G01	1				
43	FRAME (A)	GS	2A0645-01	1				
43a	T2 SCREW	4X8	7P31-0408	4				
44	FRAME (B)	GS	3A0595-01	1				
44a	T2 SCREW	4X8	7P31-0408	4				
45	CABLE TIE	CV-200	7920-0010	14				
46	INSULATION TUBE	L=30	7762-1020	2				
47	LINE VALVE BRACKET	GS	4A1406-01	1				



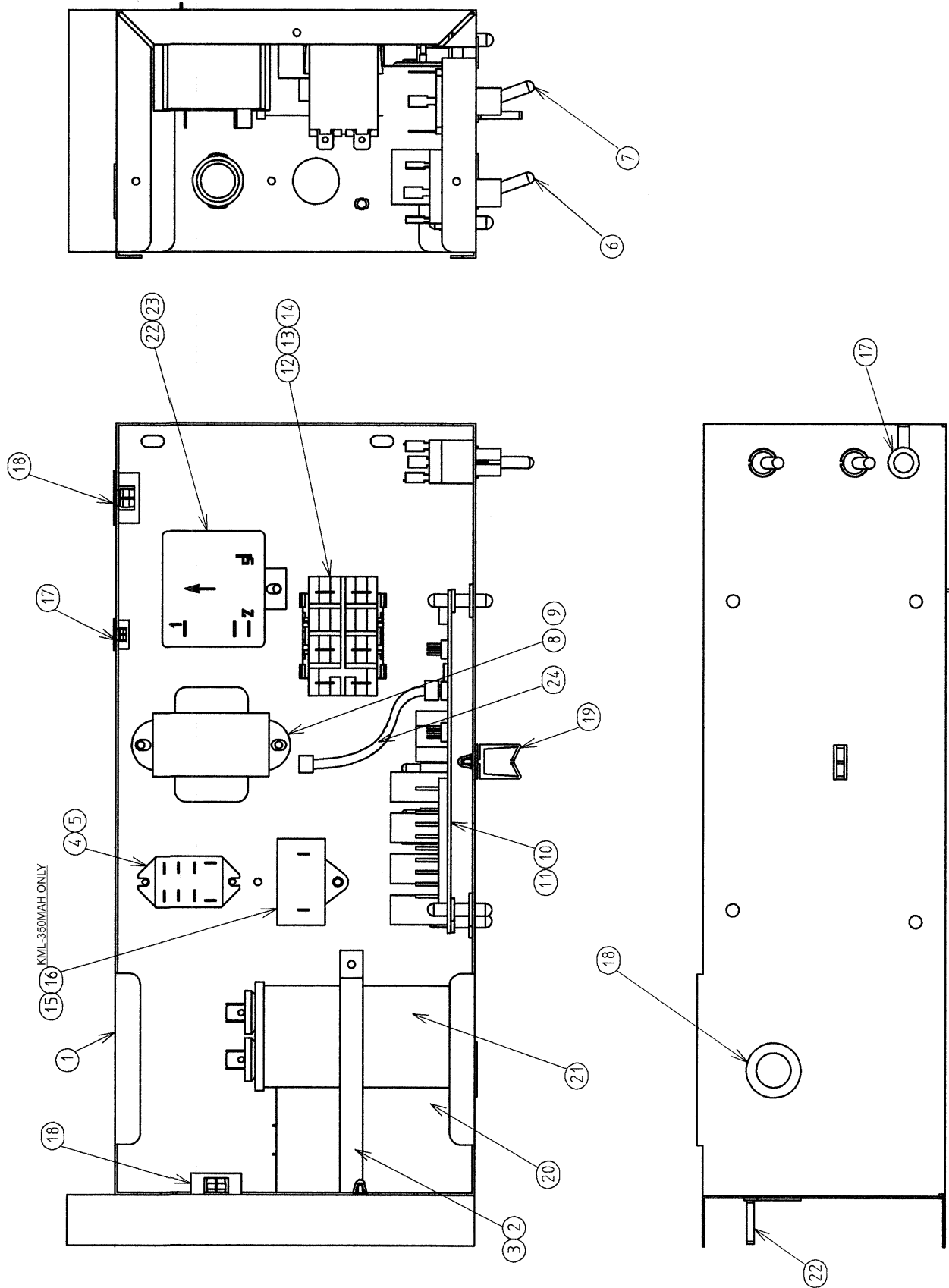
MODEL: KML-350MMH		TITLE: B. REFRIGERATION CIRCUIT						
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				L-0				
1	REAR PANEL (B)	GS	3A0630G03	1				
1a	T2 SCREW	4X8	7P31-0408	9				
2	COMPRESSOR	RS43C1E-CAA	4A2300-01	1				
3	TERMINAL COVER	COMP. ACCESSORY	4A2300F01	1				
4	SPRING CLIP	COMP. ACCESSORY	4A2300F02	1				
5	PROTECTOR	COMP. ACCESSORY	4A1805-01	1				
6	PROTECTOR HOLDER	COMP. ACCESSORY	437339-01	1				
7	BOLT	8X45	437889-01	4				
8	SPACER	027-0072-02	434404-01	4				
9	GROMMET	527-0039-04	434403-01	4				
10	CONDENSER	H-1 ¼-I	2A1429-01	1				
10a	HEX HEAD BOLT W/WASHER (LF)	4X12	7B0230412	3				
11	COND. SUPPORT	GS	2A1470-01	1				
11a	T2 SCREW	4X8	7P31-0408	4				
12	DRIER	CW-0325-S	4A1413-01	1				
13	DRIER BRACKET	GS	4A0807-01	1				
13a	T2 SCREW	4X8	7P31-0408	2				
14	EXP. VALVE	AN ½ SW 70	4A1838-02	1				
15	EVAPORATOR ASSEMBLY	-	2A0717G01	1				
15a	T2 SCREW	SS, 4X16	7P32-0416	4				
16	VALVE BODY	70	440352-01	1				
17	COIL VALVE	ABS-25-1-HD-2	440353-01	1				
18	BOLT	-	440353F01	1				
18a	TRUSS HEAD SCREW	4X8	7C31-0408	2				
19	PRESSURE SWITCH	ACB-1UB04	433441-05	1				
20	PRESSURE SWITCH BRACKET	GS	434938-01	1				
20a	T2 SCREW	4X8	7P31-0408	1				
21	ACCESS VALVE	TCJ-2F20NH DU-1	457729-01	2				
22	WATER REGULATOR	V46DA-3	4A0911-03	1				
22a	TRUSS HEAD SCREW	4X6	7C31-0406	2				

MODEL: KML-350MMH TITLE: B. REFRIGERATION CIRCUIT									
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER					
				L-0					
23	MALE CONNECTOR	BRASS	4A1087-01	1					
24	COPPER TUBE (A)-HIGH SIDE	COPPER	4A1846-01	1					
25	COPPER TUBE (B)-HIGH SIDE	COPPER	4A1859-01	1					
26	COPPER TUBE (C)-HIGH SIDE	COPPER	3A1282G01	1					
27	COPPER TUBE (D)-HIGH SIDE	COPPER	3A1288G01	1					
28	HEAT EXCHANGER	COPPER	2A1498G01	1					
29	STRAINER	-	4A0397-01	1					
30	COPPER TUBE (A)-HOT GAS	COPPER	4A1878-01	1					
31	COPPER TUBE (B)-HOT GAS	COPPER	2A1502G01	1					
32	COPPER TUBE (A)-ACCESS VALVE	COPPER	3A1323G01	1					
33	COPPER TUBE (A)	COPPER	3A1519G01	1					
33a	T2 SCREW	4X8	7P31-0408	2					
34	COPPER TUBE (B)	COPPER	3A1453G01	1					
35	HOLDER/EXP VALVE-1/2	SS	3A0112-01	1					
36	CLAMP	SS	443461-02	1					
37	EXPANSION VALVE COVER	PE FOAM	4A1168-01	1					
38	THERMISTOR	-	429006-03	1					
39	HOLDER-THERMISTOR	COPPER	427430-01	1					
40	INSULATION-THERMISTOR (A)	PE FOAM	439368-01	1					
41	INSULATION-THERMISTOR (B)	PE FOAM	439368-02	1					
42	INSULATED RUBBER TUBE	EPDM	4A1008G01	1					
43	FRAME (A)	GS	2A0645-01	1					
43a	T2 SCREW	4X8	7P31-0408	4					
44	FRAME (B)	GS	3A0595-01	1					
44a	T2 SCREW	4X8	7P31-0408	4					
45	CABLE TIE	CV-200	7920-010	14					
46	INSULATION TUBE	L=30	7762-1020	2					
47	LINE VALVE BRACKET	GS	4A1406-01	1					
47a	T2 SCREW	4X8	7P31-0408	2					
48	INSULATION HOLDER	SS	3A1084-01	1					

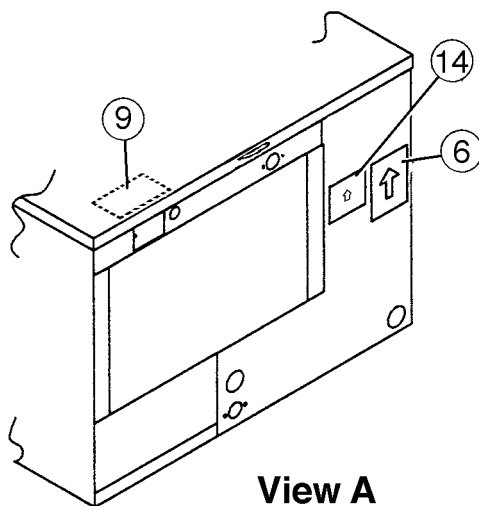
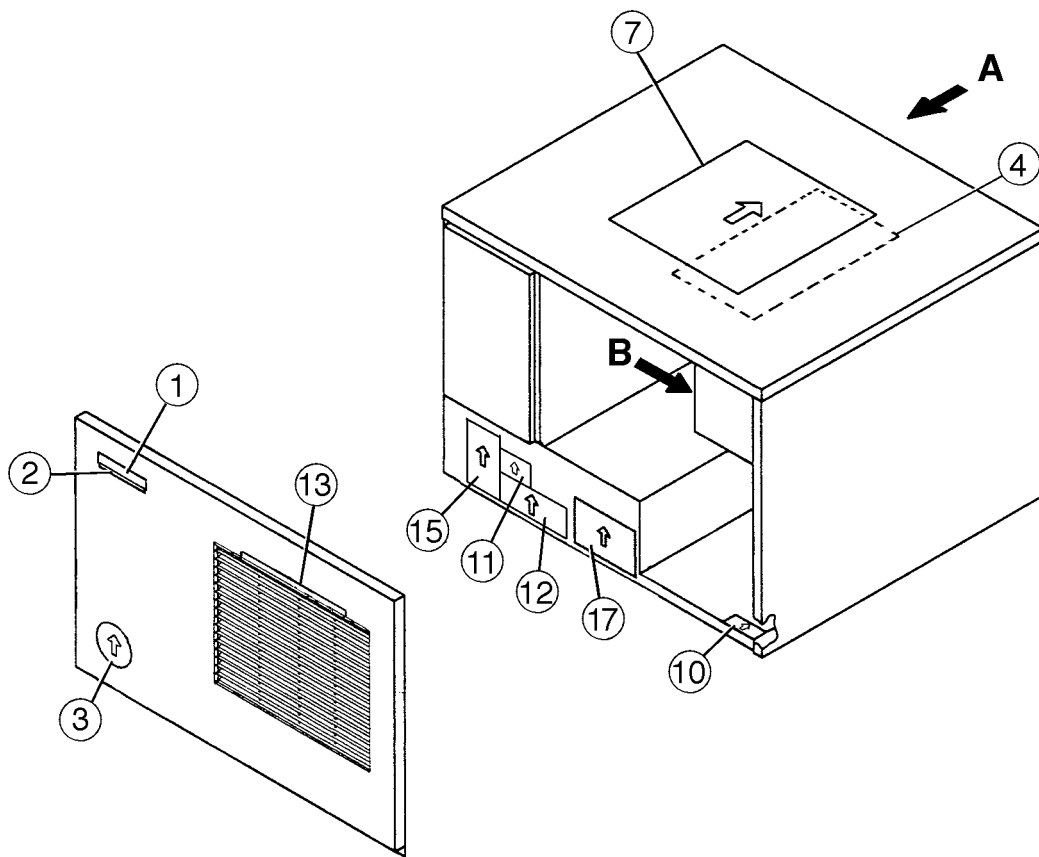


MODEL: KML-350MAH, MMH TITLE: C. WATER CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				L-0				
1	WATER SUPPLY PIPE	COPPER	4A0768G04	1				
1a	T2 SCREW	4X8	7P31-0408	2				
2	RUBBER GASKET	NR	413854-03	1				
3	WATER VALVE BRACKET	GS	321443-01	1				
3a	T2 SCREW	4X8	7P31-0408	1				
4	WATER VALVE	J248-072	3U0111-04	1				
5	SPRAY TUBE	PE	1A0260-02	1				
6	SPRAY GUIDE (A)	PE	208586-01	6				
7	WATER SUPPLY TUBE	PE	2A0079-01	1				
7a	T2 SCREW	4X8	7P31-0408	2				
8	PLUG	EPDM	4A0176-01	2				
9	WATER SUPPLY TEE	SANTOPRENE	4A1006-01	1				
10	FLANGE	EPDM	439267-01	1				
11	INSULATION (E)	PE FOAM	4A0392-01	1				
12	ELBOW	SANTOPRENE	4A0393-01	1				
13	CONNECTING PIPE	PE	3A1335-01	1				
14	HOSE CLAMP	SS, 25 mm	427443-03	3				
15	CUBE GUIDE (A)	ABS	2A0660-01	1				
16	PUMP HOSE	EPDM	4A1007-01	1				
17	RUBBER RING	EPDM	4A1004-01	1				
18	BYPASS HOSE	SANTOPRENE	4A1005-01	1				
19	HOSE CLAMP	SS, 18 mm	427443-05	5				
20	SOLENOID VALVE	207CB-GS1873	439322-01	2				
20a	T2 SCREW	4X8	7P31-0408	4				
21	ARROW LABEL	PES	4A0096-01	1				
22	SOLENOID COVER	GS	4A0996-01	2				
22a	T2 SCREW	4X8	7P31-0408	4				
23	PUMP	-	2A0749-01	1				
24	FLOAT SWITCH	163795	4A0886-01	1				
24a	T2 SCREW	4X8, SS	7P32-0408	2				
25	FLOAT SWITCH BRACKET	ABS	327757-01	1				

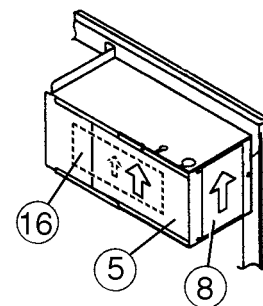
MODEL: KML-350MAH, MWH TITLE: C. WATER CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				L-0				
25a	T2 SCREW	4X12, SS	7P32-0412	2				
26	FLOAT SWITCH COVER	ABS	3A0665-01	1				
26a	T2 SCREW	4X12, SS	7P32-0412	2				
27	VINYL HOSE	L=150	7716-1216	1				
28	VINYL HOSE	L=275	7716-1519	1				
29	BUSHING	OCB-875	428394-04	1				
30	WIRE SADDLE	VWS4238-C	4A0338-02	8				
31	WELL NUT	347011	4A1070-01	2				
31a	TRUSS HEAD SCREW	4X16, SS	7C32-0416	4				
32	INSULATION (A) – PUMP BRACKET	PE FOAM	4A1052-01	1				
33	TOOTH WASHER	ZINC, M4	7R21-0400	1				
33a	TRUSS HEAD SCREW	4X16	7C31-0416	1				
34	INSULATION (B) – PUMP BRACKET	PE FOAM	4A1053-01	1				
35	HOSE CLAMP	SS, 27 mm	427443-08	1				
36	HOSE CLAMP	SS. 20 mm	427443-06	3				
37	INSULATION (A1) – BYPASS HOSE	NP	4A1259-01	1				
38	INSULATION (A2) – BYPASS HOSE	NP	4A1260-01	1				
39	DRAIN	POLYACETAL	309246-01	1				
40	O-RING	1AP15	7611-P015	1				
41	ELBOW	-	433467-01	1				
42	JOINT PIPE	-	439329-01	1				
43	CABLE TIE	-	8911-0150	2				



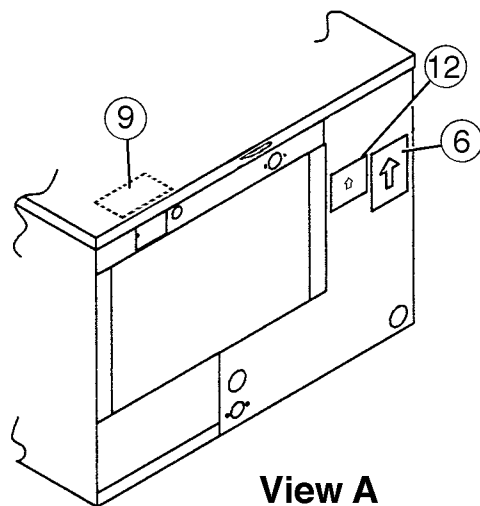
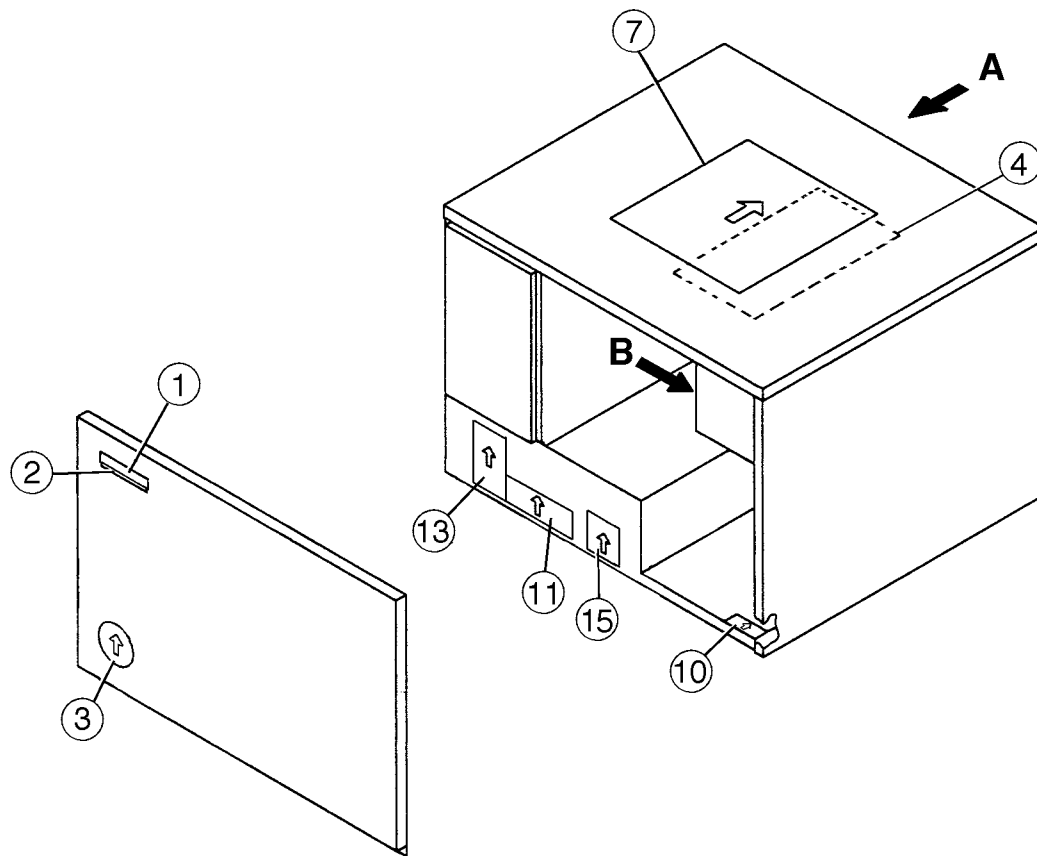
MODEL: KML-350MAH, MWH TITLE: D. CONTROL BOX ASSEMBLY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				L-0				
1	CONTROL BOX	GS	3A1989G01	1				
2	STRAP	GS	4A2262-03	1				
3	T2 SCREW	4X8	7P31-0408	1				
4	RELAY	LY2F 120 VAC	406132-07	1				
5	TAPPING SCREW	3X8	431415-01	2				
6	TOGGLE SWITCH	7563K6	443119-01	1				
7	TOGGLE SWITCH	8966K211	4A0985-01	1				
8	TRANSFORMER	26D285H	3A0172-01	1				
9	T2 SCREW	4X8	7P31-0408	2				
10	CONTROLLER BOARD	HOS001A	2A1410-01	1				
11	BOARD SUPPORT	CBLS37-M	4A0336-03	4				
12	MAGNETIC CONTACTOR	VC20	428393-01	1				
13	BRACKET	BW 9154	428393F01	1				
14	T2 SCREW	4X8	7P31-0408	2				
15	CAPACITOR (KML-350MAH ONLY)	5μf 250 VAC	443192-02	1				
16	T2 SCREW (KML-350MAH ONLY)	4X8	7P31-0408	1				
17	BUSHING	OCB-500	428394-02	2				
18	BUSHING	OCB-875	428394-04	3				
19	WIRE SADDLE	VWS4238-C	4A0338-02	2				
20	CAPACITOR	15μf 370 VAC	3A2005-08	1				
21	CAPACITOR - STARTING	243-292μf 115V	3A0076-10	1				
22	STARTER	3ARR3CT5M5	4A1107-11	1				
23	T2 SCREW	4X8	7P31-0408	1				
24	RESISTOR WIRE HARNESS	-	4A2200G02	1				



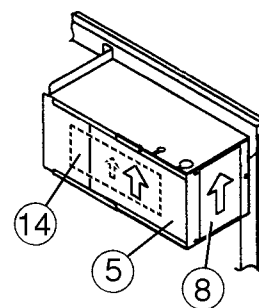
View A



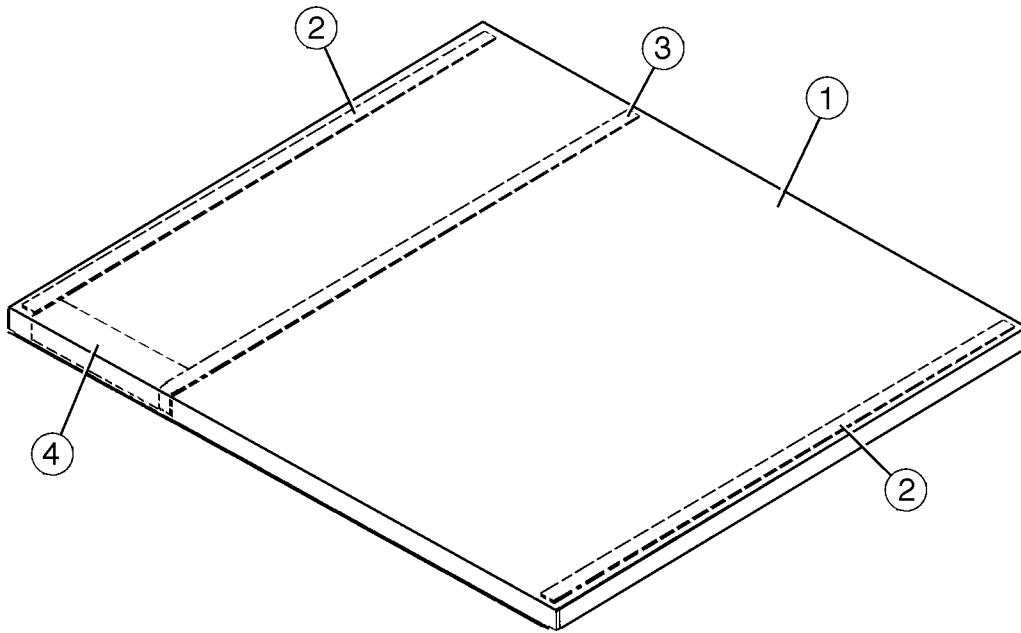
View B



View A

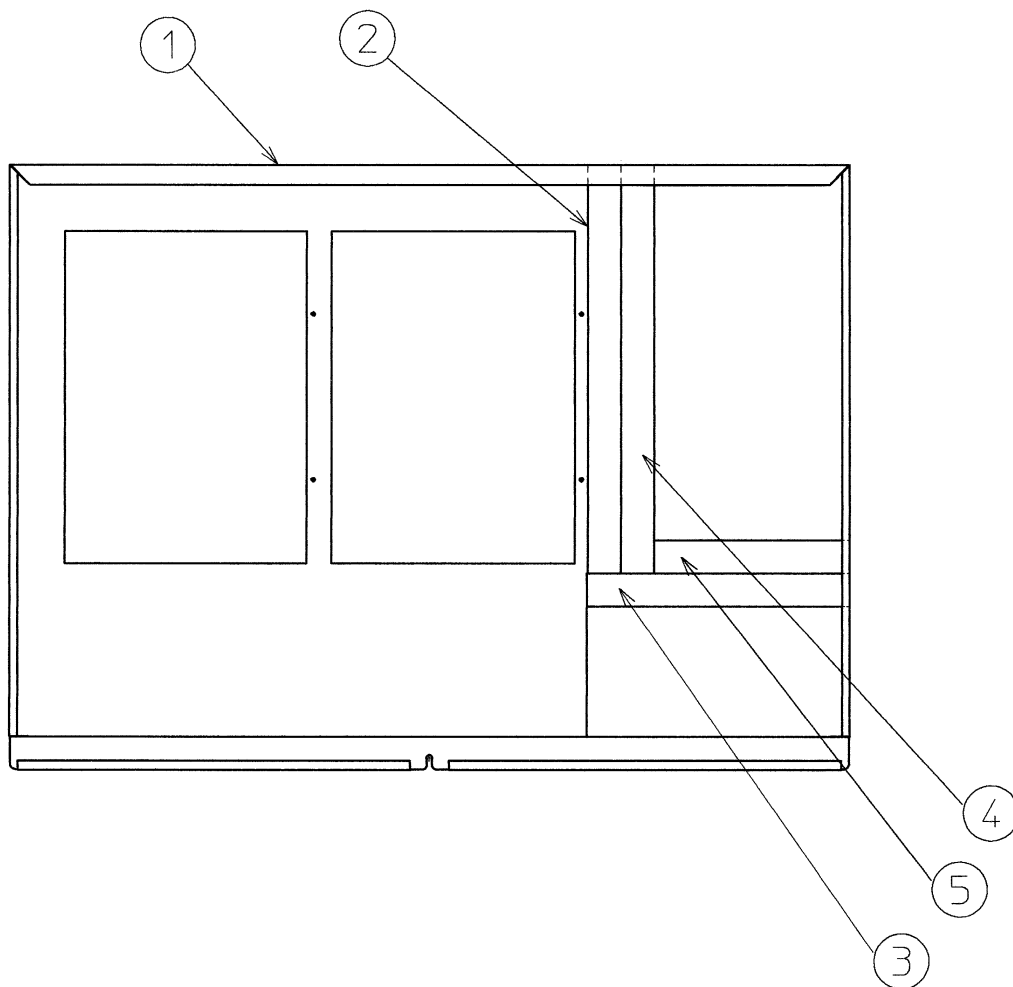


View B



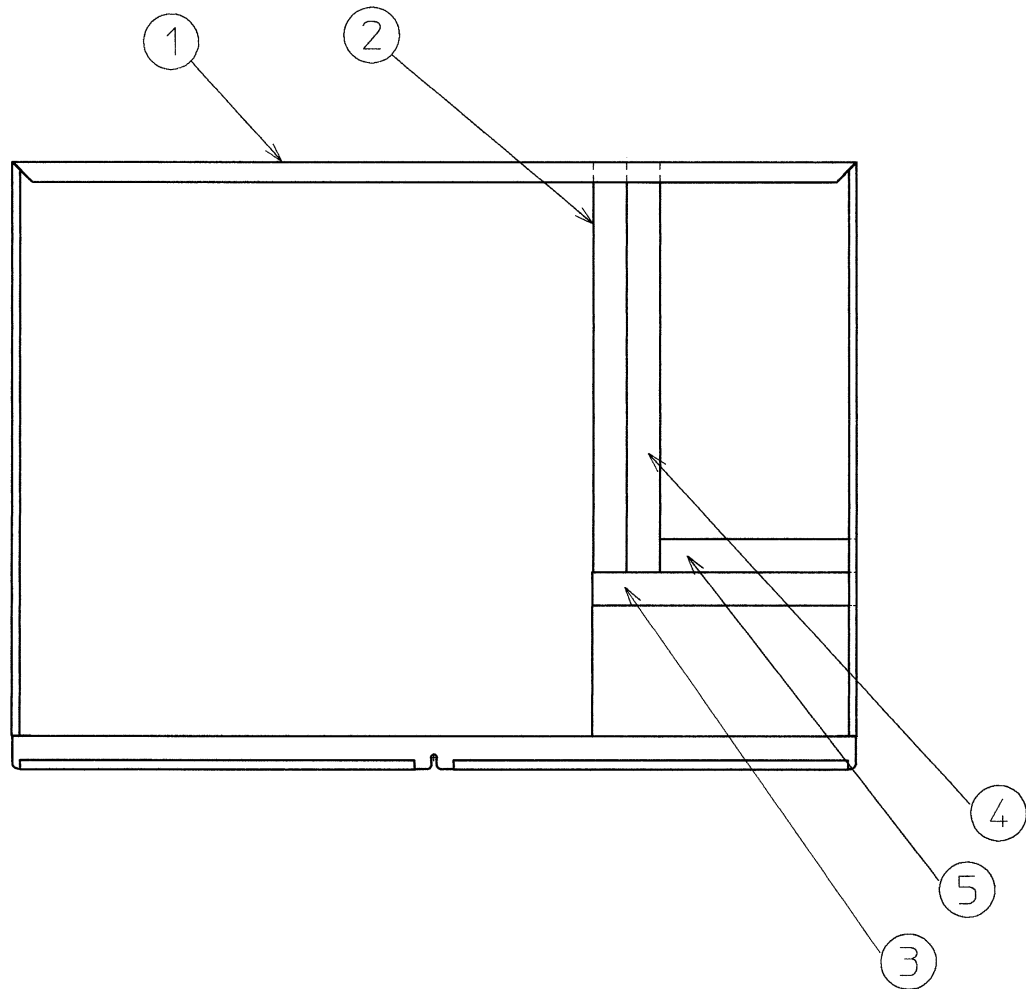
HA

[illegible]



HA

[illegible]

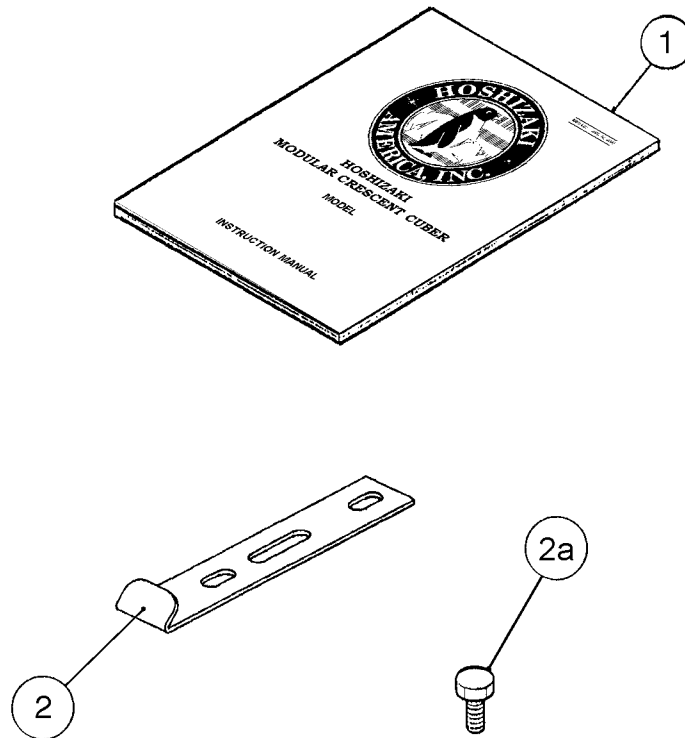


HA

[illegible]

HA
KML-350MAH, MWH
L-0

H. ACCESSORIES



HA

[illegible]