



C € 89/336
73/23

NUMBER:	71157
ISSUED:	DEC. 14, 1999
REVISED:	JULY 1, 2002

MODULAR CRESCENT CUBER

KM-630MAF-E
KM-630MWF-E

(FINAL) PARTS LIST

HOSHIZAKI



Auxiliary Codes

KM-630MAF-E	J-0	JAN 1999
	J-1	JUNE 1999
	K-0	DEC. 1999
	L-0	DEC. 2000

KM-630MWF-E	J-0	APR. 1999
	J-1	AUG. 1999

IMPORTANT

IEC standards require that the clamping means of earthing terminals be adequately secured against accidental loosening and that accessible metal parts of the icemaker which may become live in the event of an insulation fault be permanently and reliably connected to an earthing terminal within the icemaker or to the earthing contact of the icemaker inlet.

This is accomplished in this icemaker through the use of stainless steel toothed washers, Hoshizaki Part # [7R22-0400](#).

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

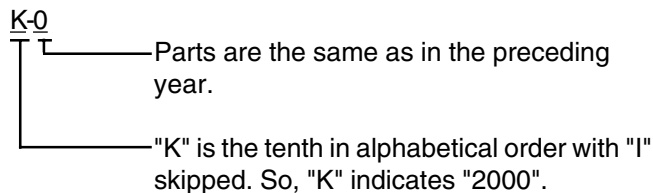
VN = Vinyl Nitrile
 EPDM = EP rubber
 NBR = Nitrile butadiene rubber
 NR = Natural rubber
 NP = Neoprene
 SI.R = Silicone rubber
 SY.R = Synthetic rubber
 EPH = Epichlorohydrin

STEEL

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

AUXILIARY CODE

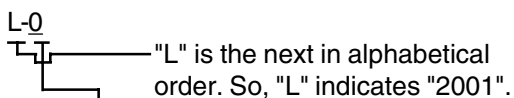
Ex.1



(Note) - = Part deleted.

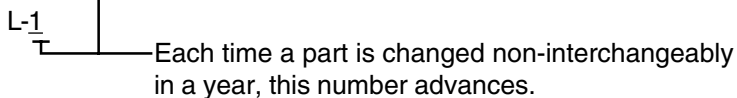
x = Part deleted and replaced by "o" (interchangeable) part.

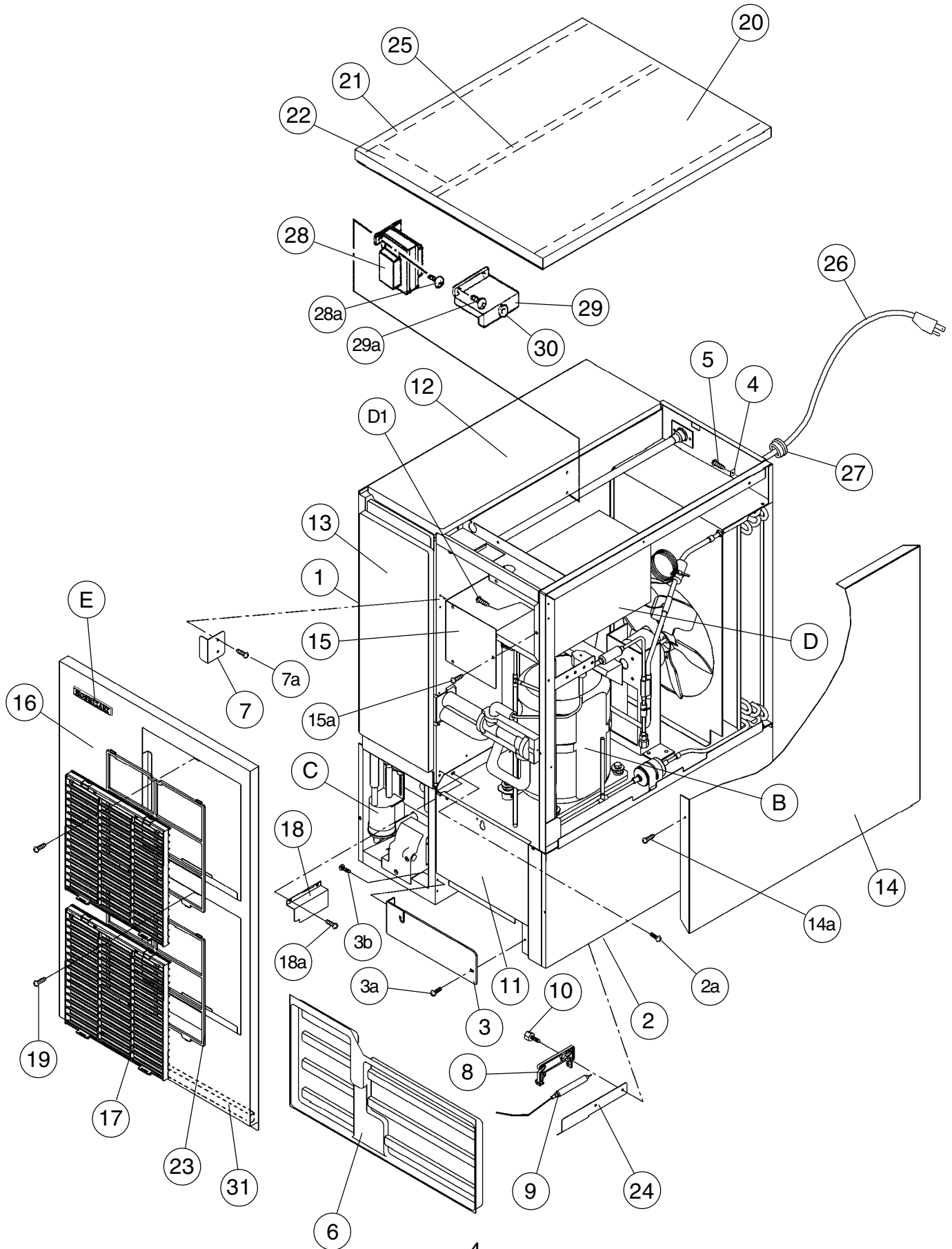
Ex.2



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

Ex.3





MODEL: KM-630MAF-E TITLE: A. ICE CUBER ASSEMBLY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0	K-0			
				J-1	L-0			
B	REFRIGERATION CIRCUIT	-	1A0345A02	1	1			
C	WATER CIRCUIT		2A0971A01	1	1			
D	CONTROL BOX ASSEMBLY	-	2A1445A01	1	1			
D1	T2 SCREW	4X8	7P31-0408	3	3			
E	LABEL LOCATION	-	3A1268-01	1	1			
1	EVAP. CASE	HS-1013	1A0277G04	1	1			
2	BASE	-	2A1321G01	1	1			
2a	FT SCREW	4X8	7F31-0408	7	7			
3	FRAME	ABS	3A0217G01	1	1			
3a	TRUSS HEAD SCREW	4X8, SS	7C32-0408	1	1			
3b	TRUSS HEAD SCREW	4X25, SS	7C32-0425	2	2			
4	SQUARE WASHER	BRASS	433537-02	1	1			
5	SCREW - GROUNDING	BRASS	433304-02	1	1			
6	FRONT COVER	P.S	2A0182-01	1	1			
7	BARRIER-INSULATION	GS	4A1167-01	1	1			
7a	T2 SCREW	4X8	7P31-0408	2	2			
8	BULB HOLDER	PE	328919-01	1	1			
9	SPACER	PE	443545-01	1	1			
10	THUMBSCREW	SS, ABS	415949G03	2	2			
11	BASE COVER	SS	321525G01	1	1			
12	TOP INSULATION	PP	215730G01	1	1			
13	FRONT INSULATION	PP	215731G02	1	1			
14	SIDE PANEL (R)	SS	211811G02	1	1			
14a	T2 SCREW	4X8, SS	7P32-0408	1	1			
15	CONTROL BOX COVER	GS	3A0594-01	1	1			
15a	T2 SCREW	4X8	7P31-0408	3	3			
16	FRONT PANEL (A)	SS	212935-02	1	1			
17	LOUVER (B)	ABS	103121-03	2	2			

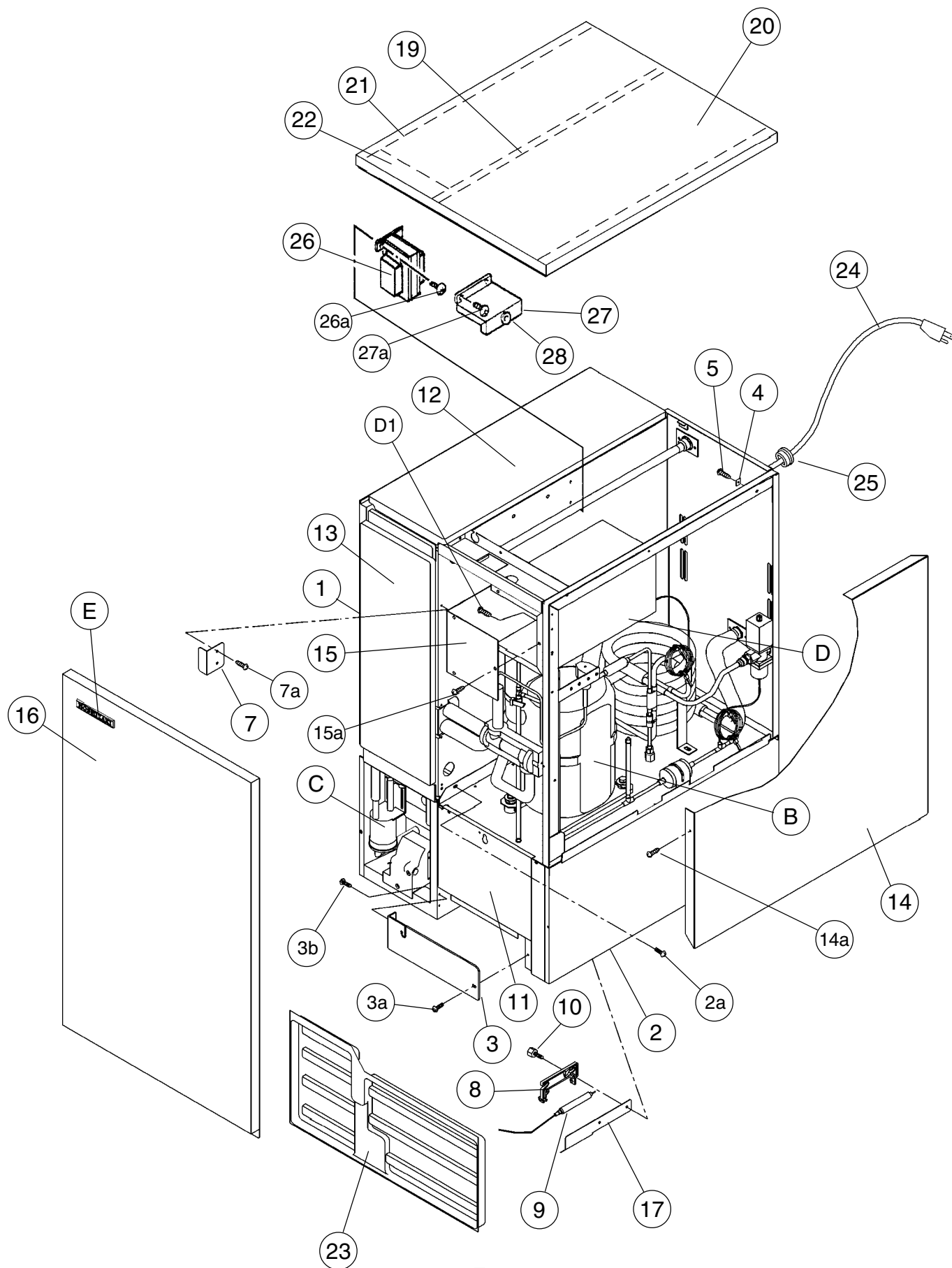
MODEL: KM-630MAF-E TITLE: A. ICE CUBER ASSEMBLY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0 J-1	K-0 L-0			
18	BARRIER	GS	4A0352-01	1	1			
18a	T2 SCREW	4X8	7P31-0408	2	2			
19	TAPPING SCREW (BLACK)	STEEL, 4x8	433954-01	2	2			
20	TOP PANEL	SS (324859A01)	213544-01	1	x1			
		(324859A03)	220465-01		o1			
21	GASKET	PVC (324859A01)	427014-04	2	2			
22	INSULATION	PE FOAM (324859A01)	438012-01	1	1			
23	AIR FILTER (B)	ABS	208283G03	2	2			
24	DEFLECTOR	SS	4A1951-01	1	1			
25	GASKET (A)	(324859A01)	324859-03	1	1			
26	POWER SUPPLY CORD	-	452359-02	1	1			
27	BUSHING	CEE SR-6P30	450414-01	1	1			
28	TRANSFORMER	PY12-19204	446202-01	1	1			
28a	PAN HEAD SCREW W/ WASHER (LF)	4X8	7C1230408	4	4			
29	TRANS COVER	GS	446359-01	1	1			
29a	T2 SCREW	4X8	7P31-0408	2	2			
30	BUSHING	OCB-500	428394-02	1	1			
31	GASKET	L=554	4A0808L02		1			

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KM-630MWF-E

A. ICE CUBER ASSEMBLY

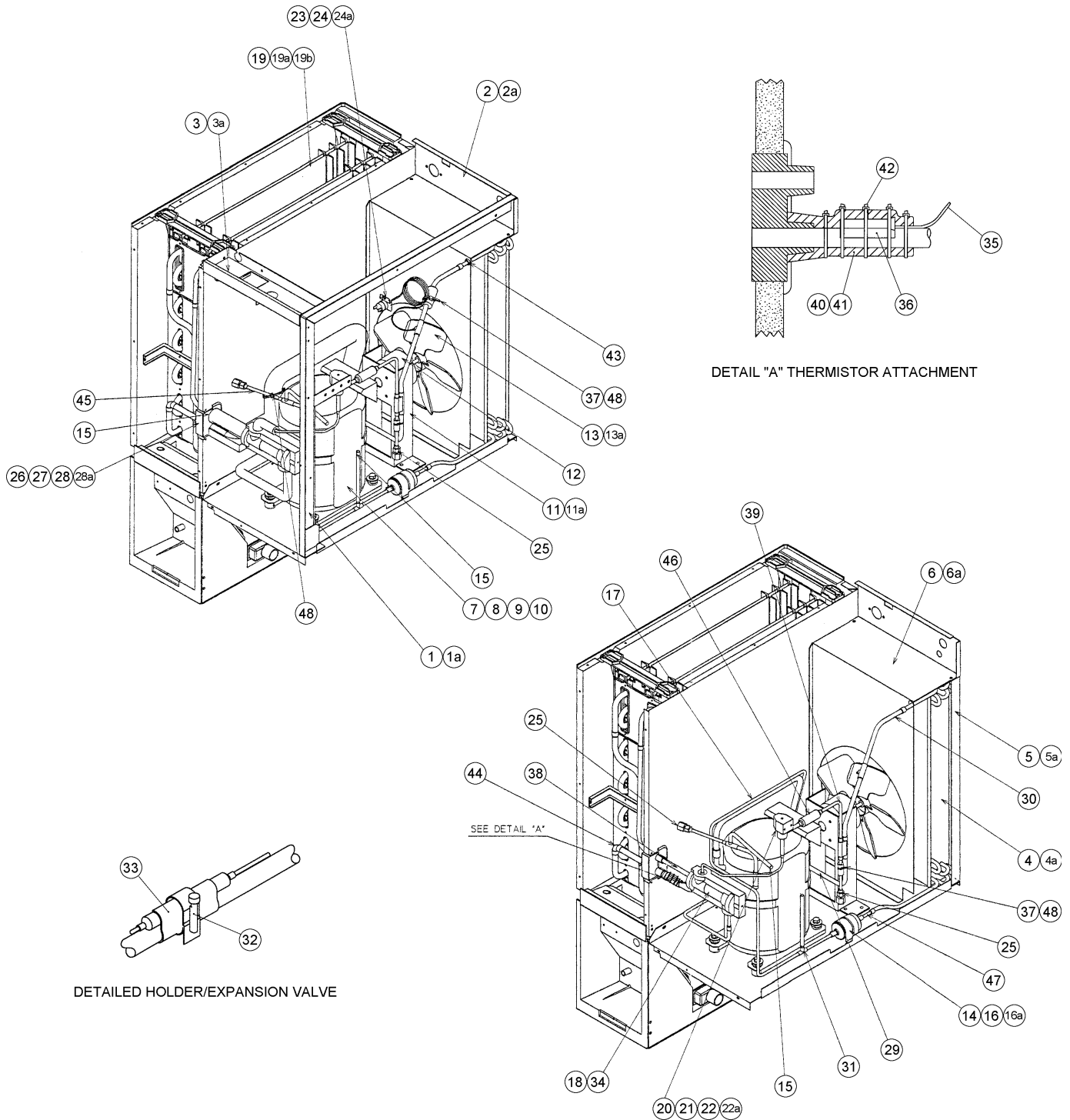
J-0, J-1



MODEL: KM-630MWF-E TITLE: A. ICE CUBER ASSEMBLY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0				
				J-1				
B	REFRIGERATION CIRCUIT	-	1A0343A02	1				
C	WATER CIRCUIT	-	2A0971A01	1				
D	CONT. BOX ASSEMBLY	-	2A1445A02	1				
D1	T2 SCREW	4X8	7P31-0408	3				
E	LABEL LOCATION	-	3A1275A01	1				
1	EVAP. CASE	HS-1013	1A0277G04	1				
2	BASE	-	2A1321G02	1				
2a	FT SCREW	4X8	7F31-0408	7				
3	FRAME	-	3A0217G01	1				
3a	TRUSS HEAD SCREW	4X8, SS	7C32-0408	1				
3b	TRUSS HEAD SCREW	4X25, SS	7C32-0425	2				
4	SQUARE WASHER	BRASS	433537-02	1				
5	SCREW - GROUNDING	BRASS	433304-02	1				
6	-	-	-					
7	BARRIER-INSULATION	GS	4A1167-01	1				
7a	T2 SCREW	4X8	7P31-0408	2				
8	BULB HOLDER	PE	328919-01	1				
9	SPACER	PE	443545-01	1				
10	THUMBSCREW	SS, ABS	415949G03	2				
11	BASE COVER	SS	321525G01	1				
12	TOP INSULATION	PP	215730G01	1				
13	FRONT INSULATION	PP	215731G02	1				
14	SIDE PANEL (R)	SS	211811G02	1				
14a	T2 SCREW	4X8, SS	7P32-0408	1				
15	CONTROL BOX COVER	GS	3A0594-01	1				
15a	T2 SCREW	4X8	7P31-0408	3				
16	FRONT PANEL (A)	SS	2A1322-01	1				
17	DEFLECTOR	SS	4A1951-01	1				
18	-	-	-					

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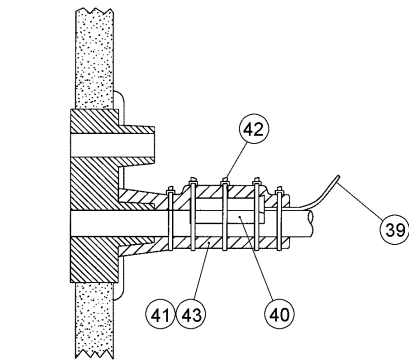
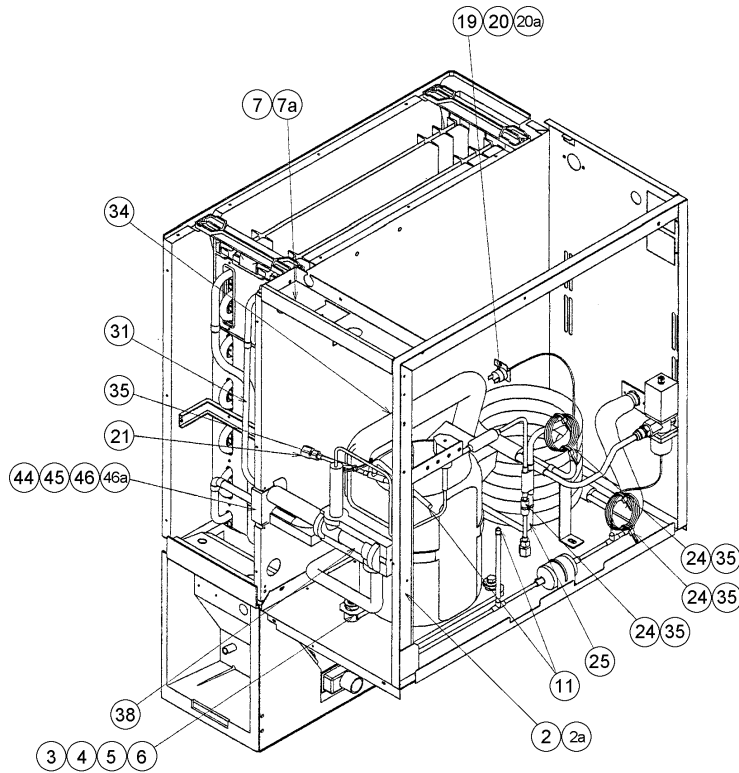
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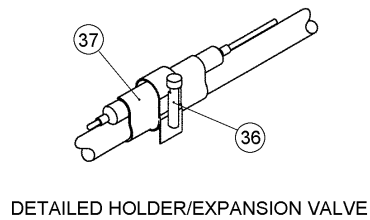
MODEL: KM-630MAF-E TITLE: B. REFRIGERATION CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0 J-1	K-0 L-0			
1	SIDE FRAME	GS	2A1460G01	1	1			
1a	T2 SCREW	4X8	7P31-0408	4	4			
2	REAR PANEL	GS	3A1302G01	1	1			
2a	T2 SCREW	4X8	7P31-0408	3	3			
3	TOP FRAME	GS	3A1263-01	1	1			
3a	T2 SCREW	4X8	7P31-0408	2	2			
4	CONDENSER	-	218912-01	1	1			
4a	T2 SCREW	4X8	7P31-0408	2	2			
5	BARRIER	GS	433693-02	1	1			
5a	T2 SCREW	4X8	7P31-0408	2	2			
6	SHROUD	GS	2A1325-01	1	1			
6a	T2 SCREW	4X8	7P31-0408	2	2			
7	COMPRESSOR	RS64C1E-IAZ-219	4A1839-01	1	1			
8	BOLT	8X45	437889-01	4	4			
9	SPACER	-	434404-01	4	4			
10	GROMMET	527-0039-04	434403-01	4	4			
11	FAN MOTOR BRACKET	GS	327180-01	1	1			
11a	HEX HEAD BOLT W/WASHER (LF)	5X12	7B0230512	4	4			
12	FAN MOTOR	U90B1 7190-1031	440911-01	1	1			
13	FAN BLADE	AD10CW32	444898-01	1	1			
13a	SELF LOCKING NUT NO. 8-32	-	7N21I0832	4	4			
14	DRIER	CW-0325-S	4A1413-01	1	1			
15	ENDCAPS	-	4A1413F01	2	2			
16	DRIER BRACKET	GS	4A0807-01	1	1			
16a	T2 SCREW	4X8	7P31-0408	2	2			
17	HEAT EXCHANGER	-	446715-01	1	x1			
		-	2A1586G01		o1			
18	EXP. VALVE	HFE-10 NHDU-3	4A1684-01	1	1			
19	EVAPORATOR	-	106396G01	1	1			

MODEL: KM-630MAF-E TITLE: B. REFRIGERATION CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0 J-1	K-0 L-0			
19a	T2 SCREW	4X16, SS	7P31-0416	4	4			
19b	T2 SCREW	4X12, SS	7P32-0412	2	2			
20	VALVE BODY	70	440352-01	1	1			
21	COIL-VALVE	ABS-25-1-HD-2	440353-01	1	1			
22	BOLT		440353F01	1	1			
22a	TRUSS HEAD SCREW	4X8	7C31-0408	2	2			
23	PRESSURE SWITCH	ACB-1UB09	433441-07	1	1			
24	PRESS. SWITCH BRACKET	GS	434938-01	1	1			
24a	T2 SCREW	4X8	7P31-0408	1	1			
25	ACCESS VALVE	TCJ-2F20NH DU-1	457729-01	2	2			
26	RUBBER TUBE (A)	EPDM	3A1044-01	1	1			
27	RUBBER TUBE (B)	EPDM	3A1045-01	1	1			
28	INSULATION HOLDER	SS	4A1550-01	1	1			
28a	T2 SCREW	4X8, SS	7P32-0408	2	2			
29	COPPER TUBE (A) – HIGH SIDE	COPPER	3A1157G02	1	1			
30	COPPER TUBE (B) – HIGH SIDE	COPPER	4A1782G01	1	1			
31	COPPER TUBE (E) – HIGH SIDE	COPPER	3A1213G01	1	1			
32	CLAMP	SS	443461-02	1	1			
33	HOLDER/EXP. VALVE – 3/8	SS	3A0107-01	1	1			
34	EXP. VALVE COVER	PE FOAM	3A0944-01	1	1			
35	THERMISTOR	-	429006-03	1	1			
36	HOLDER-THERMISTOR	COPPER	427430-01	1	1			
37	INSULATION TUBE	L=40	7762-1020	2	2			
38	COPPER TUBE – LOW SIDE	COPPER	3A1193G01	1	1			
39	COPPER TUBE (A) – HOT GAS	COPPER	4A1755-01	1	1			
40	INSULATION THERMISTOR (A)	PE FOAM	439368-01	1	1			
41	INSULATION THERMISTOR (B)	PE FOAM	439368-02	1	1			

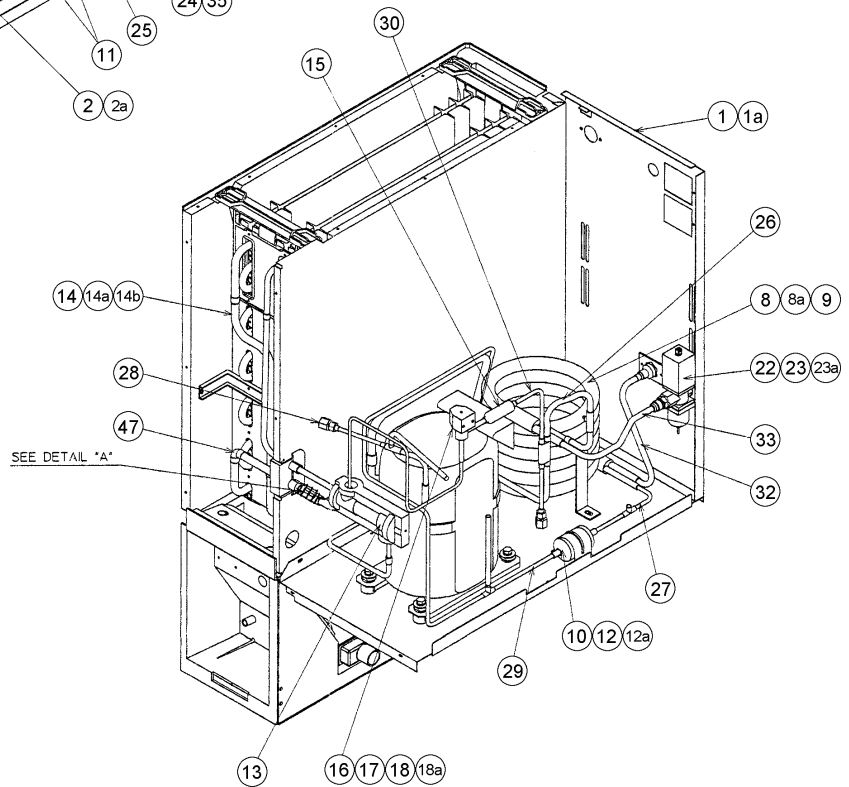
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DETAIL "A" THERMISTOR ATTACHMENT

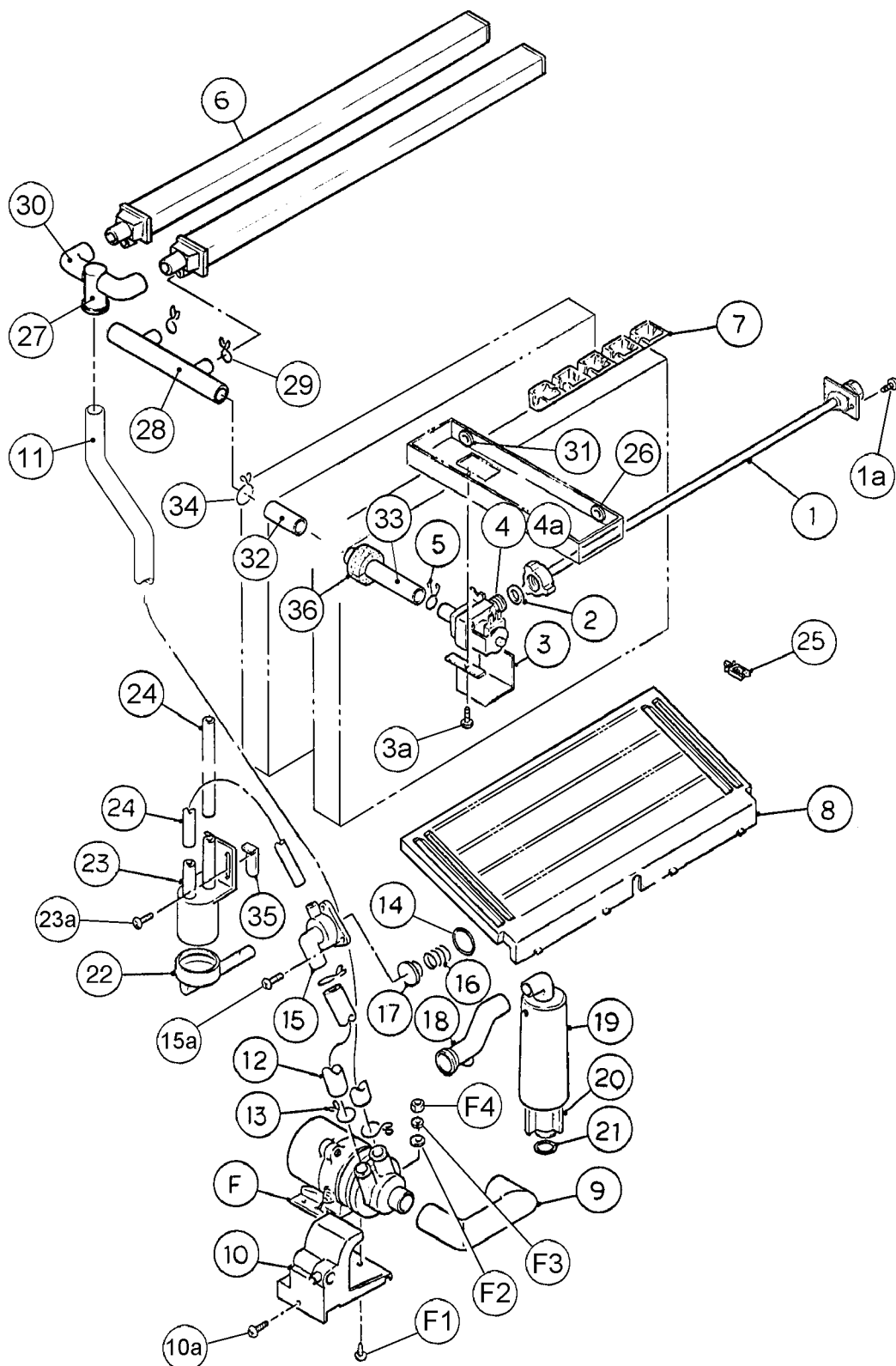


DETAILED HOLDER/EXPANSION VALVE



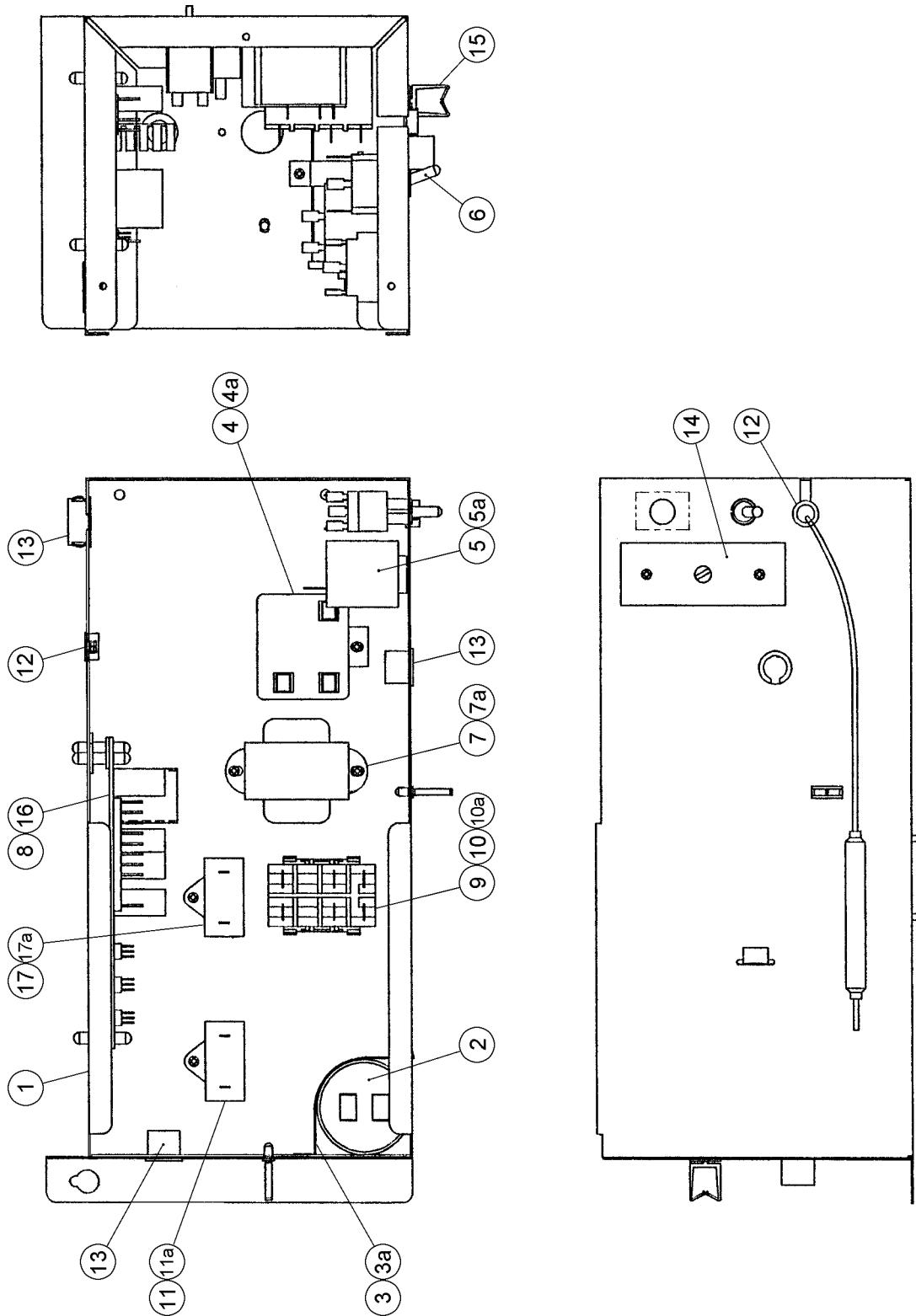
MODEL: KM-630MWF-E TITLE: B. REFRIGERATION CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0				
1	REAR PANEL	GS	2A1494G01	1				
1a	T2 SCREW	4X8	7P31-0408	5				
2	SIDE FRAME	GS	2A1460G01	1				
2a	T2 SCREW	4X8	7P31-0408	4				
3	COMPRESSOR	RS64C1E-1AZ-219	4A1839-01	1				
4	GROMMET	527-0039-04	434403-01	4				
5	SPACER		434404-01	4				
6	BOLT	8X45	437889-01	4				
7	TOP FRAME	GS	3A1263-01	1				
7a	T2 SCREW	4X8	7P31-0408	2				
8	CONDENSER-WATER COOLED		212929-03	1				
8a	HEX. HEAD BOLT W/WASHER (LF)	5X10	7B0230510	3				
9	WASHER		4A0655-03	3				
10	DRIER	CW-0325-S	4A1413-01	1				
11	ENDCAP		4A1413F01	2				
12	DRIER BRACKET	GS	4A0807-01	1				
12a	T2 SCREW	4X8	7P31-0408	2				
13	EXP. VALVE	HFE-10 NHDU-3	4A1684-01	1				
14	EVAPORATOR		106396G01	1				
14a	T2 SCREW	4X16, SUS	7P32-0416	4				
14b	T2 SCREW	4X12, SUS	7P32-0412	2				
15	STRAINER	PARKER	441569-02	1				
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-2UB04	433441-05	1				
20	PRESS. SWITCH BRACKET	GS	434938-01	1				
20a	T2 SCREW	4X8	7P31-0408	1				

MODEL: KM-630MWF-E TITLE: B. REFRIGERATION CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0				
				J-1				
21	ACCESS VALVE	FV180D001	446715-01	2				
22	MALE CONNECTOR	4A1284-01	4A1284-01	1				
23	WATER REGULATOR	V46DA-3	4A0911-03	1				
23a	TRUSS HEAD SCREW	4X6	7C31-0406	2				
24	INSULATION TUBE	L=40	7762-1020	3				
25	COPPER TUBE (A) – HIGH SIDE	COPPER	3A1157G02	1				
26	COPPER TUBE (C) – HIGH SIDE	COPPER	4A1787G01	1				
27	COPPER TUBE (B) – HIGH SIDE	COPPER	4A1780G01	1				
28	COPPER TUBE – ACCESS VALVE	COPPER	4A2025G01	1				
29	COPPER TUBE (E) – HIGH SIDE	COPPER	3A1213G02	1				
30	COPPER TUBE (A) – HOT GAS	COPPER	7A1755-01	1				
31	COPPER TUBE – LOW SIDE	COPPER	3A1193G02	1				
32	COPPER TUBE (A) – WATER CIRCUIT	COPPER	4A1788G01	1				
33	COPPER TUBE (B) – WATER CIRCUIT	COPPER	3A1331G01	1				
34	HEAT EXCHANGER	COPPER	2A1586G01	1				
35	CABLE TIE	CV-150	7920-0003	6				
36	CLAMP	SS	443461-02	1				
37	HOLDER/EXP. VALVE – 3/8	SS	3A0107-01	1				
38	EXP. VALVE COVER	PE FOAM	3A0944-01	1				
39	THERMISTOR		429006-03	1				
40	HOLDER – THERMISTOR	COPPER	427430-01	1				
41	INSULATION – THERMISTOR (A)	PE FOAM	439368-01	1				
42	CABLE TIE	CV-200	7920-0010	3				
43	INSULATION – THERMISTOR (B)	PE FOAM	439368-02	1				
44	RUBBER TUBE (A)	EPDM	3A1044-01	1				
45	RUBBER TUBE (B)	EPDM	3A1045-01	1				
46	INSULATION HOLDER	SS	4A1550-01	1				
46a	T2 SCREW	4X8, SS	7P32-0408	2				
47	ELBOW	COPPER	417395-03	1				

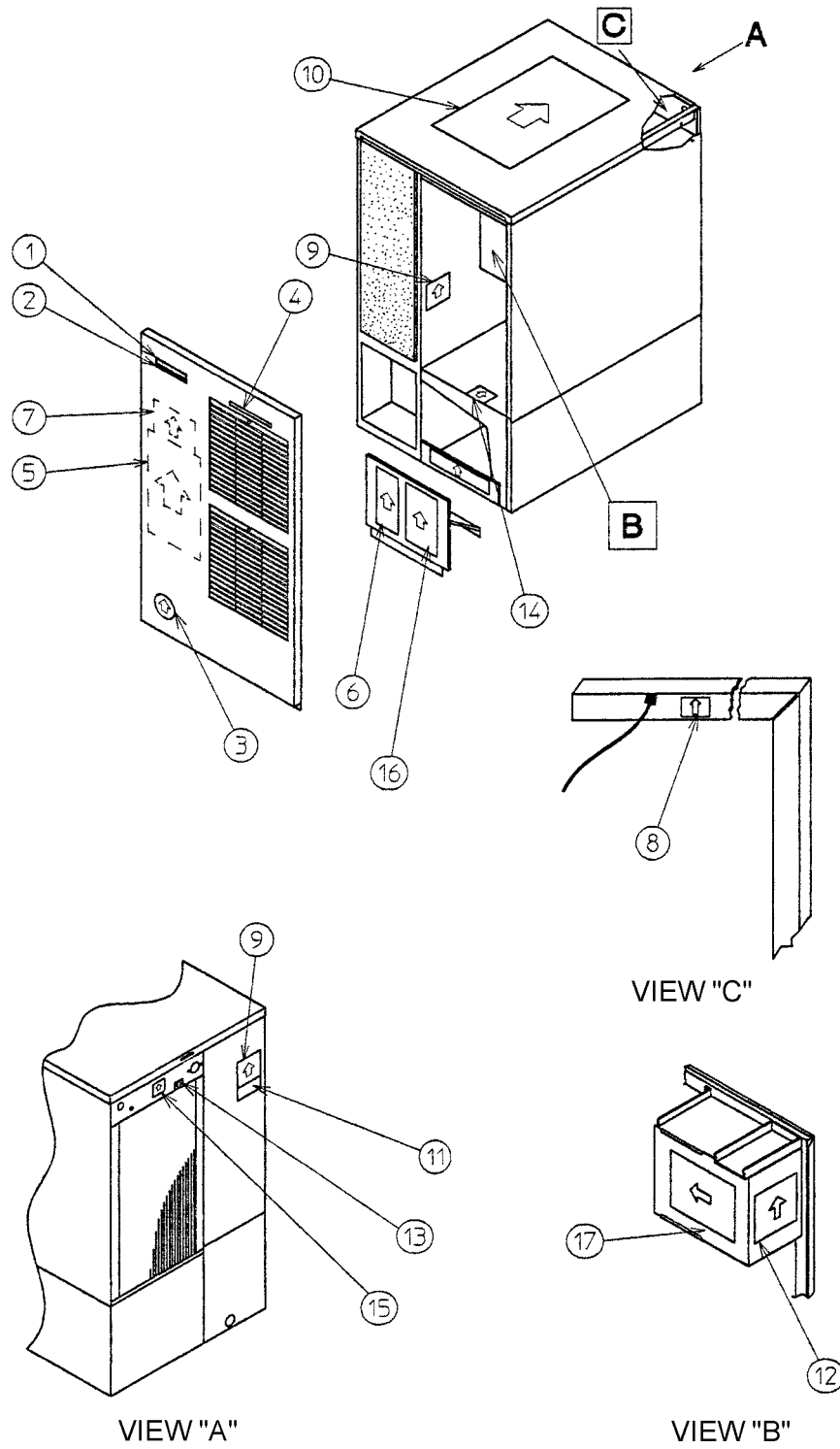


MODEL: KM-630MAF-E, MWF-E TITLE: C. WATER CIRCUIT								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0 J-1	K-0 L-0			
F	PUMP MOTOR ASSEMBLY	HS-0102	321444A04	1	1			
F1	TRUSS HEAD SCREW	4X16, SS	7C32-0416	1	1			
F2	FLAT WASHER	M4, SS	7W22-0400	1	1			
F3	SPLIT LOCK WASHER	M4, SS	7L22-0400	1	1			
F4	HEX NUT	M4, SS	7N12-0400	1	1			
1	WATER SUPPLY PIPE	COPPER	4A0768G06	1	1			
1a	T2 SCREW	4X8	7P31-0408	2	2			
2	RUBBER GASKET	NR	413854-03	1	1			
3	WATER VALVE BRACKET	GS	3A0736-01	1	1			
3a	T2 SCREW	4X8	7P31-0408	1	1			
4	WATER VALVE	V-19	4A1176-01	1	1			
4a	TRUSS HEAD SCREW	4X8	7C32-0408	2	2			
5	HOSE CLAMP	SS, 18MM	427443-05	1	1			
6	SPRAY TUBE	PE	433520G01	2	2			
7	SPRAY GUIDE (A)	PE	208586-01	6	6			
8	CUBE GUIDE	ABS	212088-01	1	1			
9	SUCTION HOSE	EPDM	433466-01	1	1			
10	PUMP MOTOR BRACKET	PC	211408-01	1	1			
10a	FLAT HEAD SCREW	4X12, SS	7F32-0412	1	1			
11	VINYL HOSE	L=785	7716-2025	1	1			
12	VINYL HOSE	L=110	7716-2025	1	1			
13	HOSE CLAMP	SS, 25MM	427443-03	6	6			
14	"O" RING	1AG35	7611-G035	1	1			
15	VALVE HOUSING - DRAIN	ABS	321001-01	1	1			
15a	T2 SCREW	4X10, SS	7P32-0410	3	3			
16	SPRING	SS	3A0875-01	1	1			
17	VALVE SHEET	EPDM	433705-01	1	1			
18	DRAIN HOSE	SANTOPRENE	433468-01	1	1			
19	OVERFLOW CAP	PE	321002-01	1	1			

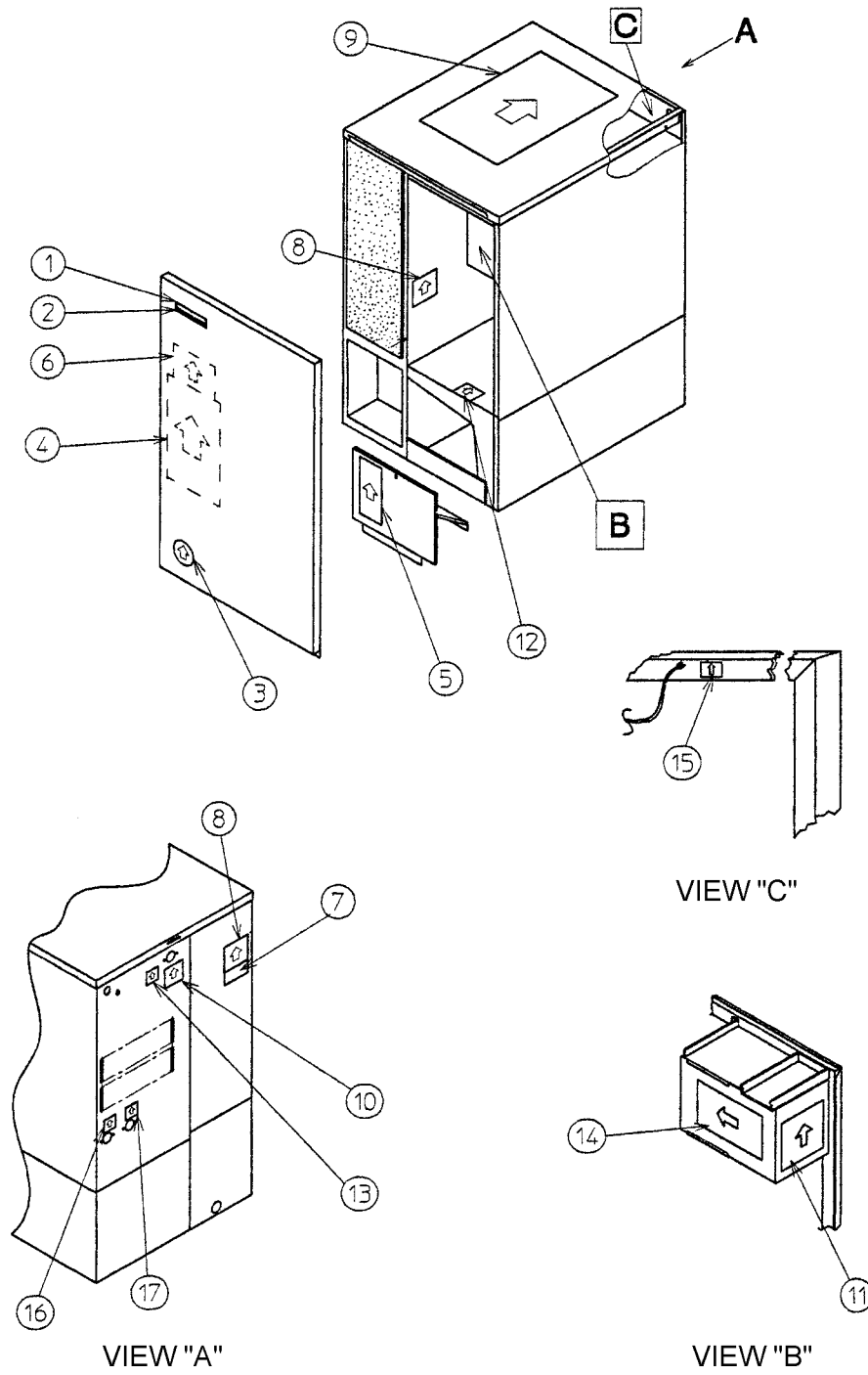
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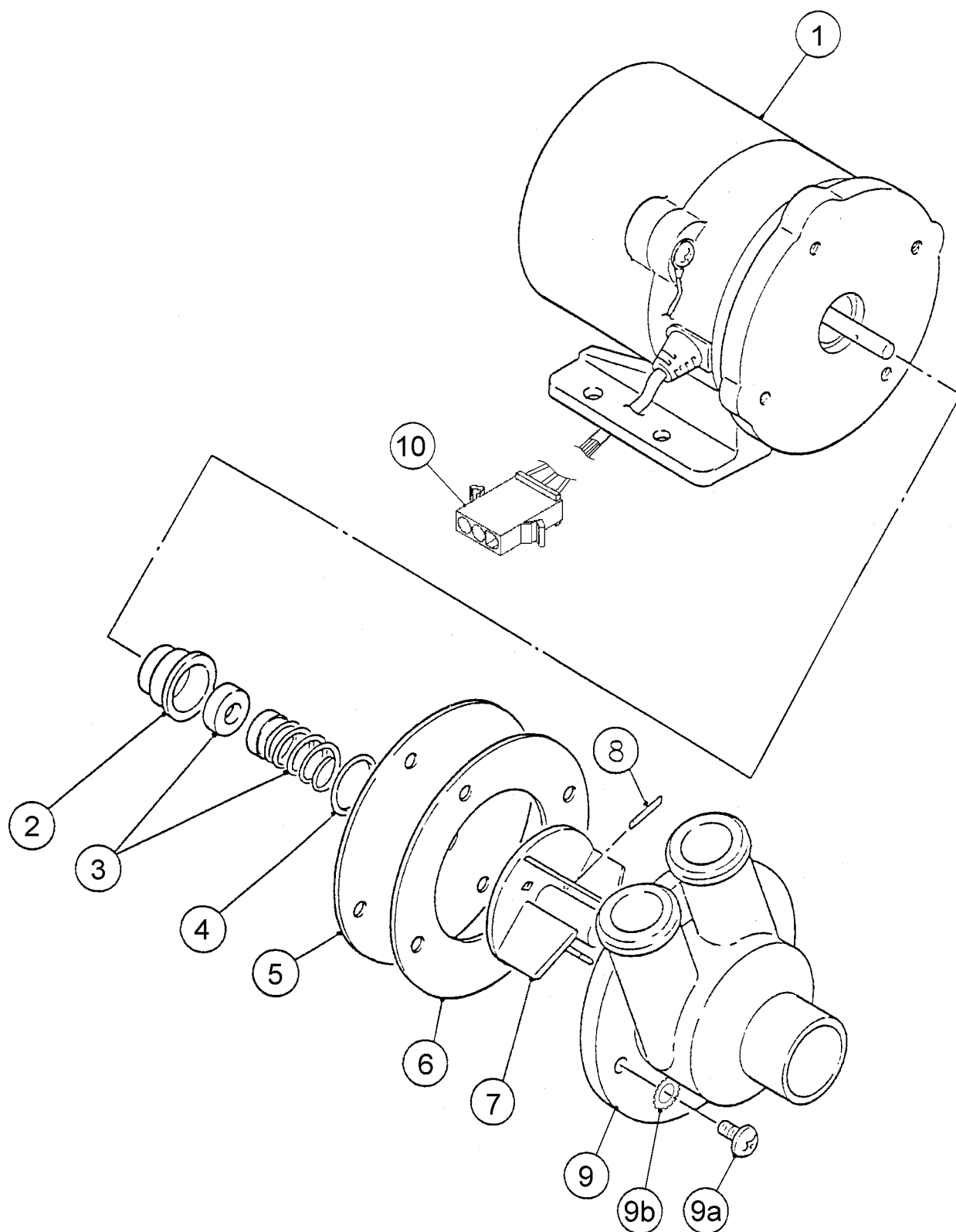
MODEL: KM-630MAF-E, MWF-E TITLE: D. CONTROL BOX ASSEMBLY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER				
				J-0 J-1	K-0 L-0			
1	CONT. BOX	-	3A0602G02	1	1			
2	CAPACITOR-STARTING	88-108 MFD 250V	3A0076-03	1	1			
3	STRAP	GS	434580-13	1	1			
3a	T2 SCREW	4X8	7P31-0408	1	1			
4	STARTER	040-001-51	434172-03	1	x1			
		-	4A1107-10		o1			
4a	T2 SCREW	4X8	7P31-0408	1	1			
5	THERMOSTAT	A30-3815-00	4A0824-01	1	1			
5a	TRUSS HEAD SCREW	4X8	7C31-0408	2	2			
6	TOGGLE SWITCH-VDE	8956K172	4A1147-01	1	1			
7	TRANSFORMER	26D285H	3A0172-01	1	1			
7a	T2 SCREW	4X8	7P31-0408	2	2			
8	BOARD SUPPORT	CBLS37-M	4A0336-03	4	4			
9	MAGNETIC CONTACTOR	VC20	428393-01	1	1			
10	BRACKET		428393F01	1	1			
10a	T2 SCREW	4X8	7P31-0408	2	2			
11	CAPACITOR	5.5 MFD 250 VAC	4A1025-03	1	1			
11a	T2 SCREW	4X8	7P31-0410	1	1			
12	BUSHING	OCB-500	428394-02	2	2			
13	BUSHING	OCB-875	428394-04	3	3			
14	CONTROL LABEL		4A1758-01	1	1			
15	WIRE SADDLE	VWS4238-C	4A0338-02	2	2			
16	CONTROLLER BOARD	HOS-001A	2A1410-01	1	1			
17	CAPACITOR (KM-630MAF-E ONLY)	250 VAC, 2.5 MFD	4A1025-05	1	1			
17a	T2 SCREW (KM-630MAF-E ONLY)	4X10	7P31-0410	1	1			



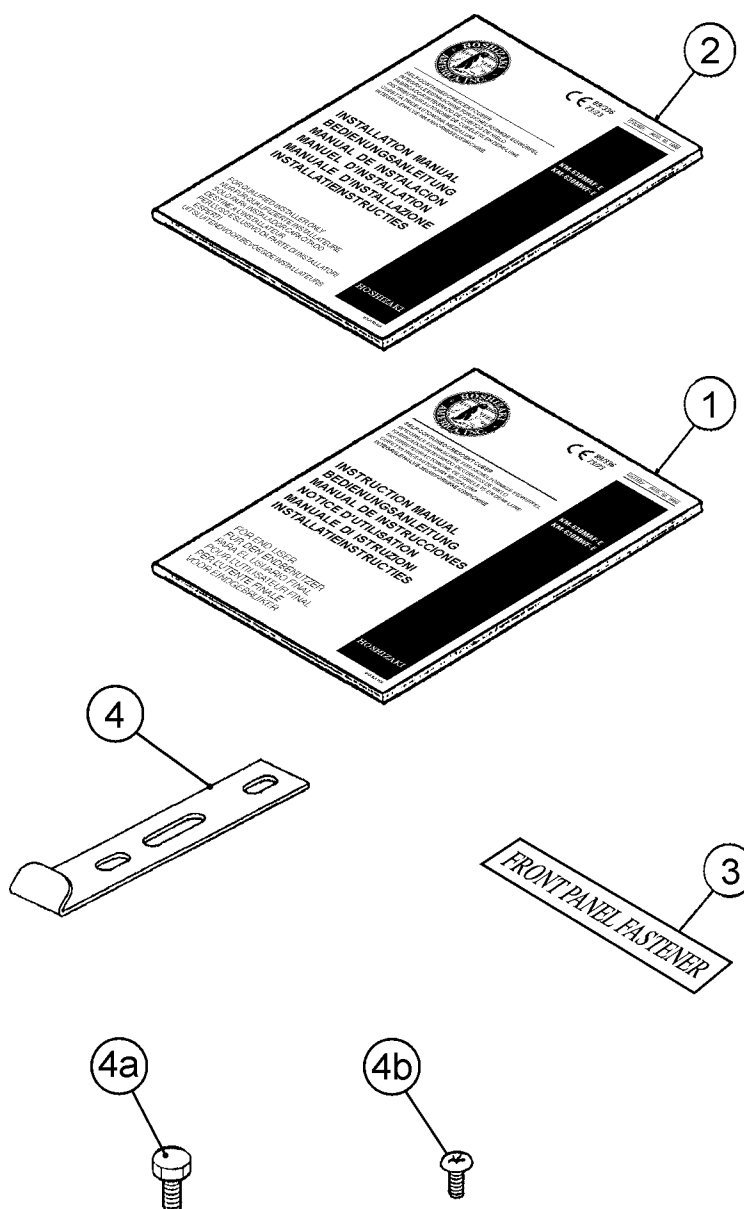
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