



CRESCENT CUBER

KM-590DJE-R452

PARTS LIST

[HE]

M096

M-0 NOV. 2022

M096-5289 (0424)

List of Specifications

MODEL	MODEL NUMBER	DESTINATION	SPEC
KM-590DJE-R452	M096	HE	220-240V/50Hz

AUXILIARY CODE

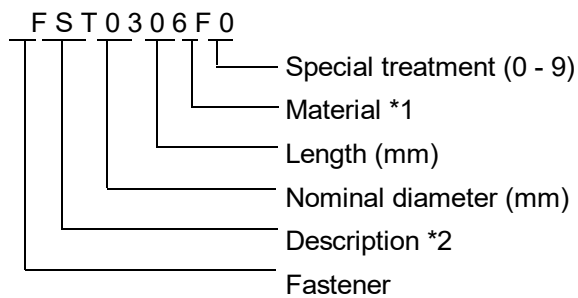
U - 1

The auxiliary code is the first two characters in the serial number. The first character indicates the production year. Years progress or regress in alphabetical order. The series of letters and skipped letters depend on UL listing, production, and model. See the auxiliary code(s) and corresponding year(s) on the front cover.

The second character indicates significant part changes within the same year. Base is "1" and this number advances for each change. If there is no significant part change at the turn of the year, this number starts from "0."

FASTENER PART NUMBER

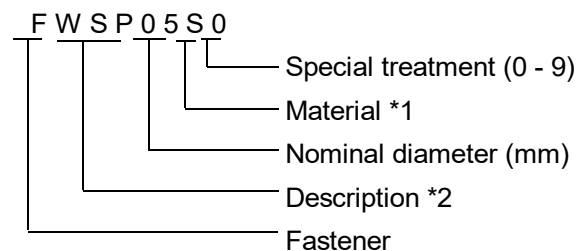
SCREWS



*1 Material

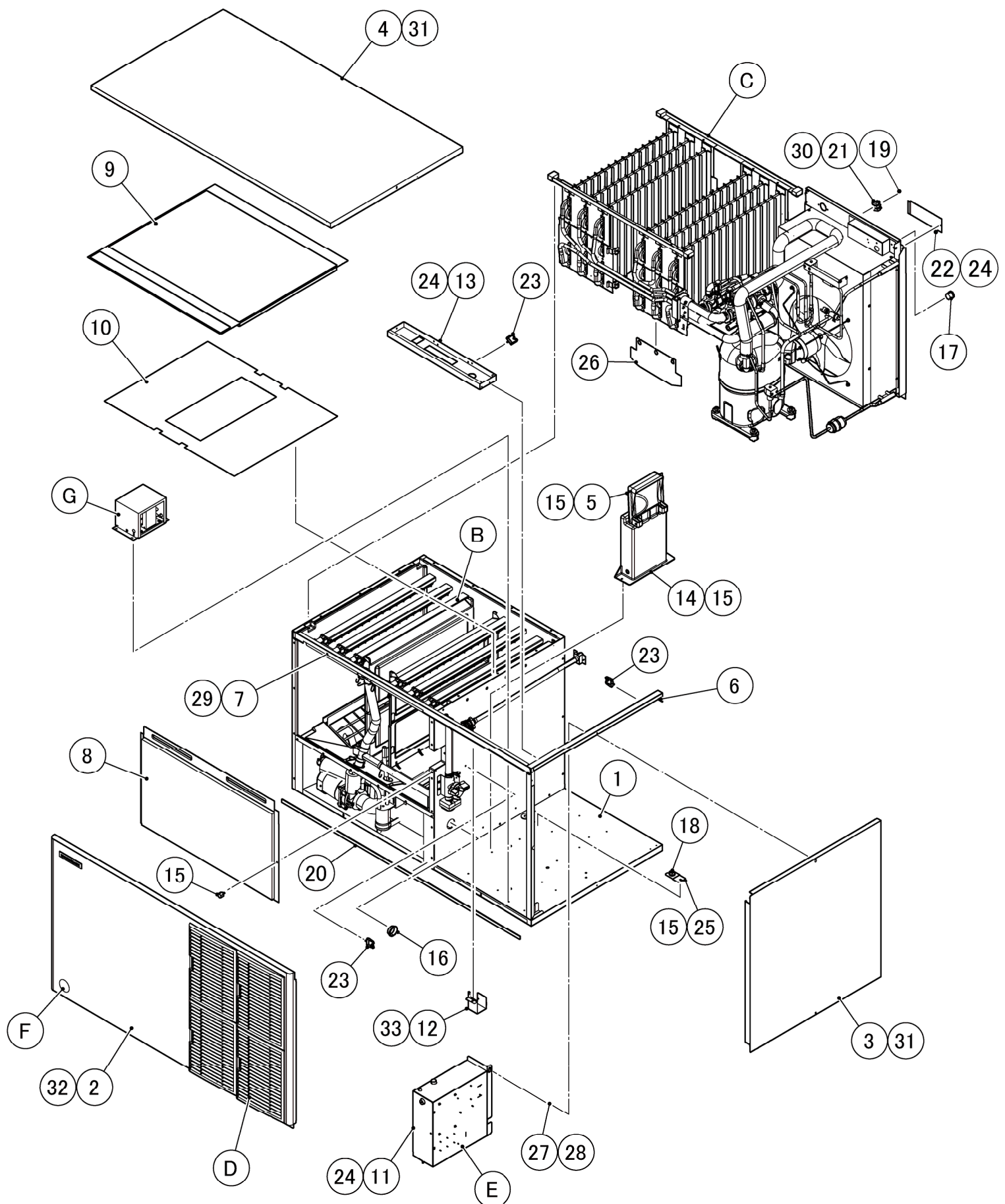
F: Steel
S: Austenitic stainless steel
M: Martensitic stainless steel
B: Copper alloy
P: Polycarbonate
N: Polyamide
V: PVC
A: ABS
X: Polyacetal
L: Aluminum

NUTS & WASHERS



*2 Description

First letter
S: Machine screw
T: Tapping screw
M: Wood screw
B: Bolt
W: Washer
N: Nut

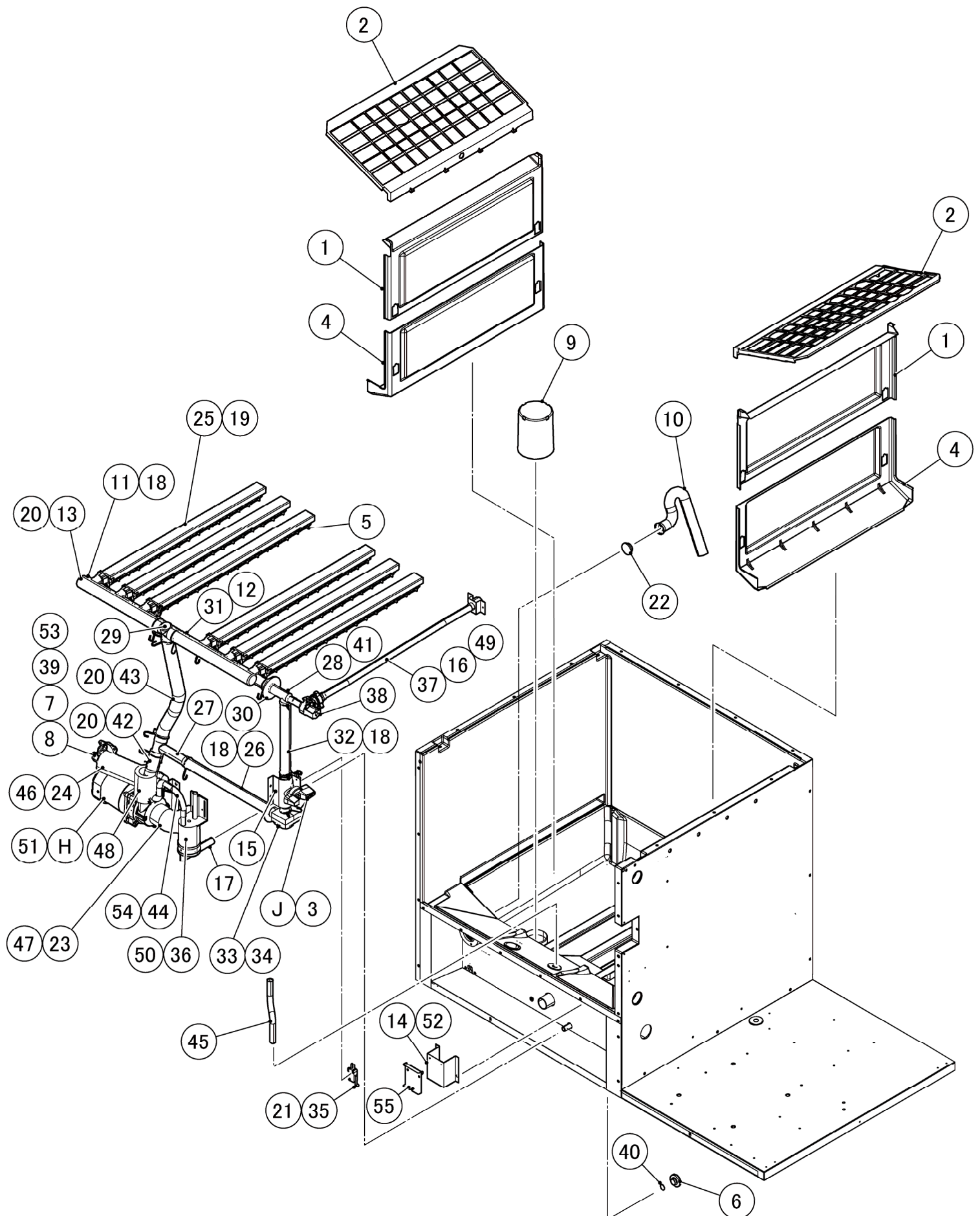


MODEL: **KM-590DJE-R452**TITLE: **A. ICE CUBER ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
B	WATER CIRCUIT		1E0058A01	1			
C	REFRIGERATION CIRCUIT		1E0054A01	1			
D	LOUVER FILTER AY		277614A02	4			
E	CONTROL BOX AY		2E0133A01	1			
F	LABEL LOCATION		2E0083A01	1			
G	TRANSFORMER BOX AY		3E0121A01	1			
K	ACCESSORIES		A04204-01	1			
1	EVAP. CASE		127978G01	1			
2	FRONT PANEL AY		3E0120G01	1			
3	SIDE PANEL (R)		2E0135G01	1			
4	TOP PANEL AY		3E0119G01	1			
5	BIN CONTROL		2A8598G01	1			
6	SIDE FRAME (A)		2E0132G01	1			
7	FRONT PANEL BRACKET		3E0076M01	1			
8	FRONT INSULATION		389259G01	1			
9	TOP INSULATION		389260G01	1			
10	SPACER		389261P01	1			
11	CONTROL BOX COVER		3E0075M01	1			
12	WATER VALVE BRACKET		3E0073M01	1			
13	FRONT FRAME (A)		3E0134G01	1			
14	MOUNTING BRACKET		389143P01	1			
15	THUMBSCREW		415949G12	5			
16	BUSHING	SB-1500-21	420470-06	2			
17	BUSHING	SR-34-2	420472-05	1			
18	CAPILLARY RING		425307-02	1			
19	SCREW - GROUNDING		433304-02	1			

MODEL: **KM-590DJE-R452**TITLE: **A. ICE CUBER ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
20	GASKET		3E0108R05	1			
21	TERMINAL BLOCK		4A1026-01	1			
22	JUNCTION BOX COVER		4E0140M01	1			
23	CLAMP	OFNS-16-187-01	P05316-01	9			
24	T2 TRUSS HEAD SCREW		FT20408F0	10			
25	GROMMET RETAINER		4E0064M01	1			
26	SPLASH GUARD		485141P01	2			
27	TAPER COLLAR		4H0171-01	1			
28	FLAT HEAD T2 SCREW		470417-02	1			
29	T2 TRUSS HEAD SCREW		FT20412S0	2			
30	PAN HEAD MACHINE SCREW		FSP0316S0	2			
31	TRUSS HEAD SCREW		FST0408S0	3			
32	TRUSS HEAD MACHINE SCREW		FST0416S0	2			
33	T2 TRUSS HEAD SCREW		FT20408S0	1			



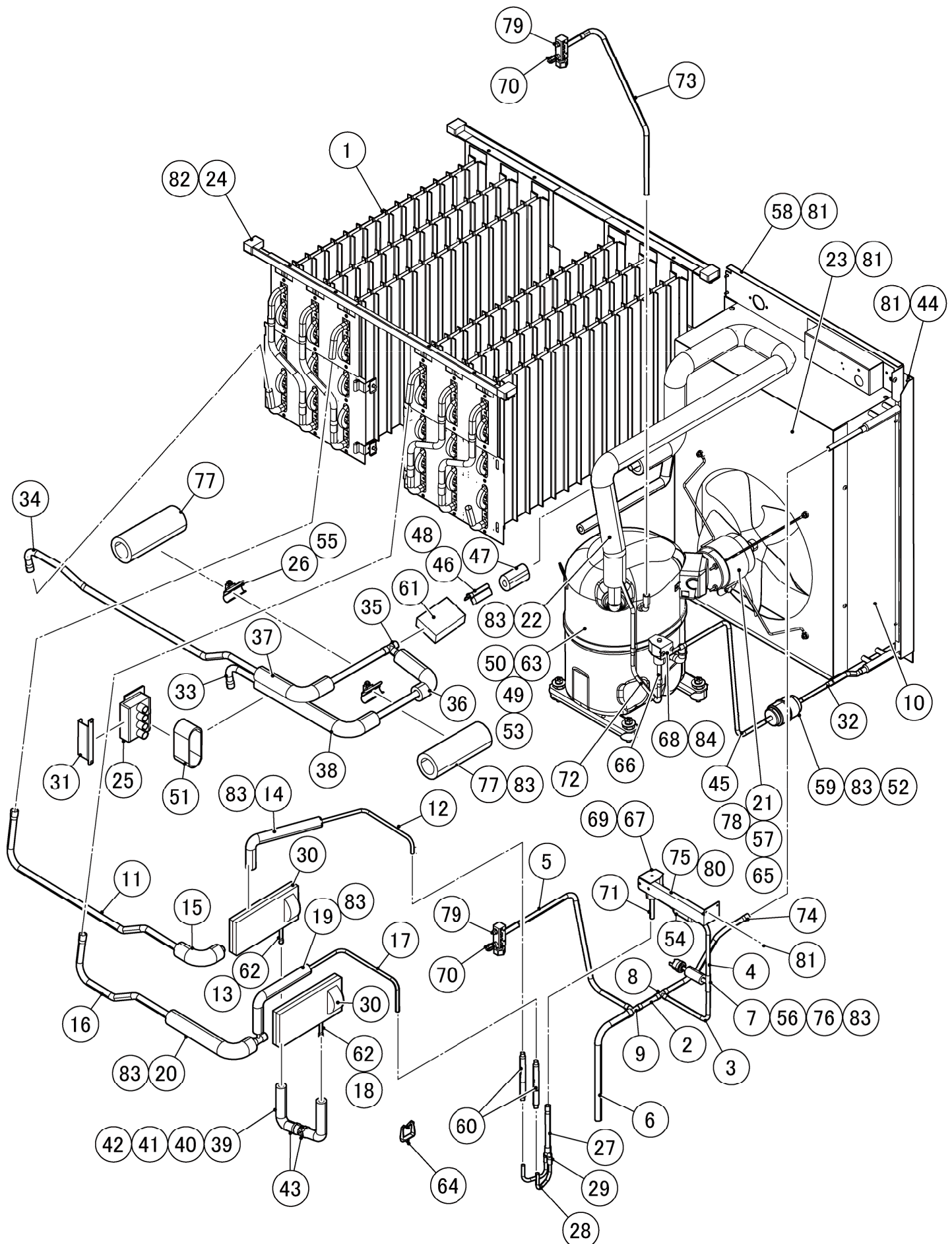
MODEL: **KM-590DJE-R452**TITLE: **B. WATER CIRCUIT**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
H	PUMP MOTOR AY		277640A01	1			
J	BALL VALVE AY		485124A01	1			
1	SEPARATOR (A)		213622-01	2			
2	CUBE GUIDE		214243-01	2			
3	HANDLE		277512P01	1			
4	SEPARATOR (B)		277522P01	2			
5	SPRAY GUIDE		277513P01	6			
6	DRAIN		389148P01	1			
7	SPRING		322110-01	1			
8	VALVE HOUSING - DRAIN		389149P01	1			
9	OVERFLOW CAP		389150P01	1			
10	DRAIN HOSE		389155R01	1			
11	DISTRIBUTOR HOSE (A)		389254R01	1			
12	DISTRIBUTOR HOSE (B)		389254R02	1			
13	DISTRIBUTOR HOSE ©		389156R01	2			
14	FLOW SWITCH BRACKET		389275M01	1			
15	VALVE HOLDER		3E0070M01	1			
16	WATER SUPPLY BRACKET		4E0117M01	1			
17	CONNECTOR - FLOAT SWITHC		389703R02	1			
18	HOSE CLAMP		P05613-03	8			
19	HOSE CLAMP		P05613-07	6			
20	HOSE CLAMP		P05613-09	13			
21	T2(S) FLANGED PAN HEAD SCREW		431415-02	2			
22	VALVE SEAT		485074R01	1			
23	HOSE (A)		435091-01	1			
24	HOSE (B)		485117R01	1			
25	SPRAY TUBE		437049G01	6			

MODEL: **KM-590DJE-R452**TITLE: **B. WATER CIRCUIT**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
26	BYPASS HOSE		485118R01	1			
27	DISTRIBUTOR ©		485071P01	1			
28	DISTRIBUTOR (B)		485072P01	1			
29	DISTRIBUTOR (A)		485073P01	1			
30	FLANGE		485111R02	1			
31	JOINT PIPE		439297-01	1			
32	JOINT PIPE		485119R01	1			
33	CORNER INSULATION (A)		485122Z01	1			
34	CORNER INSULATION (B)		485123Z01	1			
35	MICRO SWITCH		C06238-01	1			
36	FLOAT SWITCH		4A3624-01	1			
37	WATER SUPPLY HOSE		4E0116P01	1			
38	WATER VALVE		4E0120Z01	1			
39	O-RING		7611-G035	1			
40	O-RING		7611-P015	1			
41	PVC Hose - SOFT		H11215030	1			
42	PVC Hose - SOFT		H12632150	1			
43	PVC Hose - SOFT		H12632390	1			
44	Si Hose		H11014450	1			
45	Si Hose		H11014150	1			
46	INSULATION TUBE		H73555150	1			
47	INSULATION TUBE		H73555120	1			
48	INSULATION TUBE		H73555080	1			
49	TRUSS HEAD SCREW		FST0408S0	5			
50	TRUSS HEAD SCREW		FST0412S0	2			
51	TRUSS HEAD SCREW		FST0508S0	2			
52	T2 TRUSS HEAD SCREW		FT20408S0	4			
53	TRUSS HEAD TAPPING SCREW T2		FT20410S0	4			

MODEL: KM-590DJE-R452 TITLE: B. WATER CIRCUIT							
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
54	SPRING		435825-01	1			
55	FLOW SWITCH STOP		3E0072M02	1			



MODEL: **KM-590DJE-R452**TITLE: **C. REFRIGERATION CIRCUIT**

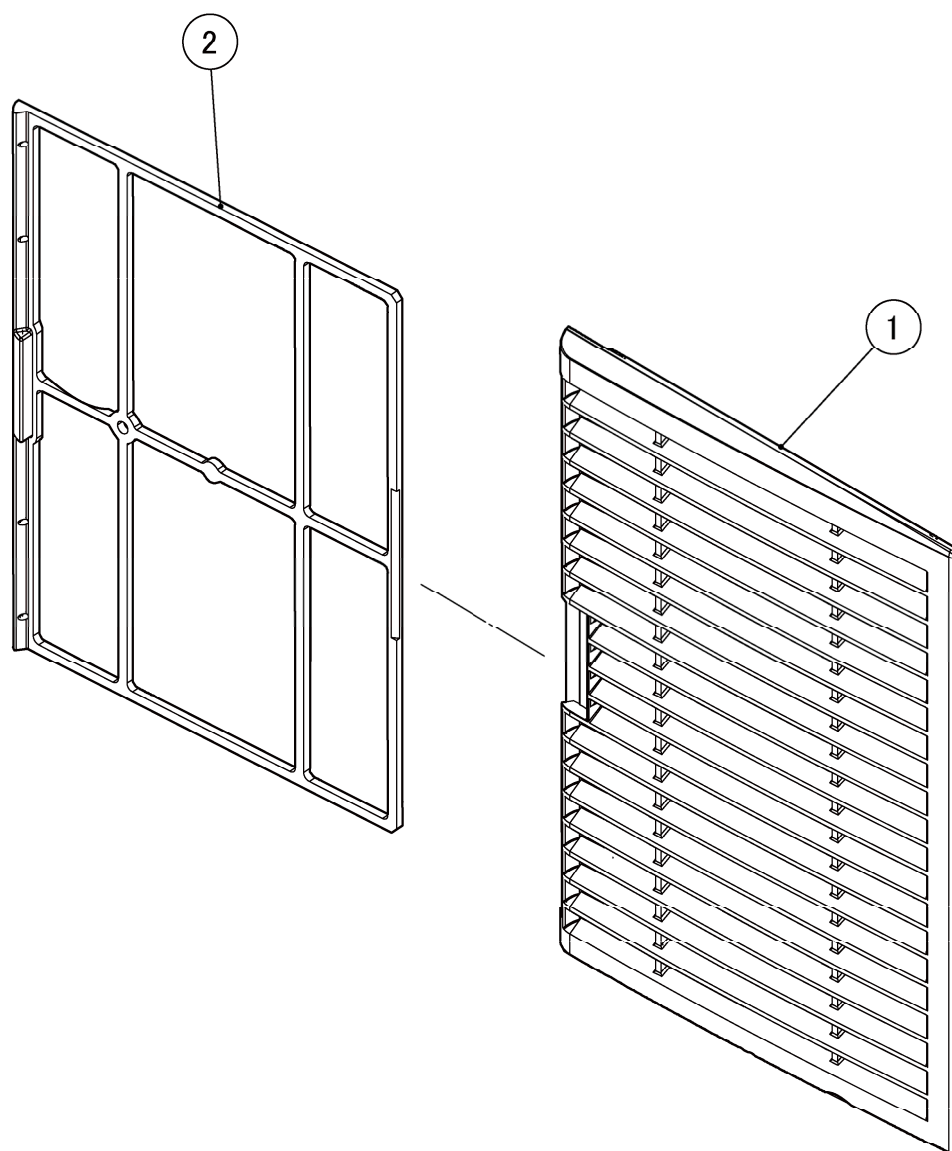
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	EVAPORATOR		1E0074G01	1			
2	COPPER TUBE (B2) - HIGH SIDE	COPPER TUBE (B) - HIGH SIDE 2E0153G01	4E0081M01	1			
3	COPPER TUBE (B3) - HIGH SIDE	COPPER TUBE (B) - HIGH SIDE 2E0153G01	4E0082M01	1			
4	COPPER TUBE (B4) - HIGH SIDE	COPPER TUBE (B) - HIGH SIDE 2E0153G01	4E0083M01	1			
5	COPPER TUBE (B5) - HIGH SIDE	COPPER TUBE (B) - HIGH SIDE 2E0153G01	2E0139M01	1			
6	COPPER TUBE (B1) - HIGH SIDE	COPPER TUBE (B) - HIGH SIDE 2E0153G01	4E0080M01	1			
7	TEE	COPPER TUBE (B) - HIGH SIDE 2E0153G01	420041-02	1			
8	TEE	COPPER TUBE (B) - HIGH SIDE 2E0153G01	436000-07	1			
9	TEE	COPPER TUBE (B) - HIGH SIDE 2E0153G01	436000-09	1			
10	CONDENSER		P05153-01	1			
11	COPPER TUBE (L1) - HOT GAS	COPPER TUBE (L) - HOT GAS 2E0152G01	2E0143M01	1			
12	COPPER TUBE (L2) - HOT GAS	COPPER TUBE (L) - HOT GAS 2E0152G01	2E0142M01	1			
13	TEE	COPPER TUBE (L) - HOT GAS 2E0152G01	436000-10	1			
14	INSULATION TUBE	COPPER TUBE (L) - HOT GAS 2E0152G01	H71020200	1			
15	INSULATION TUBE	COPPER TUBE (L) - HOT GAS 2E0152G01	H71630100	1			
16	COPPER TUBE (R1) - HOT GAS	COPPER TUBE (R) - HOT GAS 2E0154G01	2E0140M01	1			
17	COPPER TUBE (R2) - HOT GAS	COPPER TUBE (R) - HOT GAS 2E0154G01	2E0141M01	1			
18	TEE	COPPER TUBE (R) - HOT GAS 2E0154G01	436000-10	1			
19	INSULATION TUBE	COPPER TUBE (R) - HOT GAS 2E0154G01	H71020200	1			
20	INSULATION TUBE	COPPER TUBE (R) - HOT GAS 2E0154G01	H71630210	1			
21	BRACKET - FAN MOTOR MOUNT		2A9618-02	1			
22	HEAT EXCHANGER		2E0203G01	1			
23	SHROUD		2E0106M01	1			
24	FRAME SEAL		323925-01	4			
25	INSULATED RUBBER TUBE AY		389244G01	1			
26	HOLDER - EXP. VALVE 3/8		3A0107-01	2			
27	COPPER TUBE (A) - HOT GAS	COPPER TUBE (R) - HOT GAS 3E0157G01	4E0088M01	1			
28	COPPER TUBE (B) - HOT GAS	COPPER TUBE (R) - HOT GAS 3E0157G01	4E0089M01	2			

MODEL: **KM-590DJE-R452**TITLE: **C. REFRIGERATION CIRCUIT**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
29	Y JOINT	COPPER TUBE (R) - HOT GAS 3E0157G01	4A0159-01	1			
30	EXPANSION VALVE COVER		3A0944-01	2			
31	INSULATION - HOLDER		389427M01	1			
32	TUBE - STRAIGHT		3E0219M01	1			
33	COPPER TUBE (A1) - LOW SIDE	COPPER TUBE (A) - LOW SIDE 3E0158G01	3E0132M01	1			
34	COPPER TUBE (A2) - LOW SIDE	COPPER TUBE (A) - LOW SIDE 3E0158G01	3E0133M01	1			
35	TEE	COPPER TUBE (A) - LOW SIDE 3E0158G01	436000-03	1			
36	INSULATION TUBE	COPPER TUBE (A) - LOW SIDE 3E0158G01	H71630140	1			
37	INSULATION TUBE	COPPER TUBE (A) - LOW SIDE 3E0158G01	H71630180	1			
38	INSULATION TUBE	COPPER TUBE (A) - LOW SIDE 3E0158G01	H71630300	1			
39	COPPER TUBE (A1) - EVAP. VALVE	COPPER TUBE (A1) - EVAP. VALVE 3E0159G01	3E0130M01	1			
40	COPPER TUBE (A2) - EVAP. VALVE	COPPER TUBE (A1) - EVAP. VALVE 3E0159G01	3E0131M01	1			
41	TEE	COPPER TUBE (A1) - EVAP. VALVE 3E0159G01	436000-01	1			
42	INSULATION TUBE	COPPER TUBE (A1) - EVAP. VALVE 3E0159G01	H71020140	2			
43	NYLON TIE	COPPER TUBE (A1) - EVAP. VALVE 3E0159G01	7920-0010	2			
44	SIDE FRAME (B)		3E0069M01	1			
45	COPPER TUBE - LINE VALVE		3E0230M01	1			
46	HOLDER - THERMISTOR		427430-01	1			
47	INSULATION - THERMISTOR		485131Z01	1			
48	THERMISTOR		429006-03	1			
49	SPACER		434921-01	4			
50	GROMMET		434922-01	4			
51	INSULATION		485121Z01	1			
52	PUSH MOUNT TIE		C06256-02	1			
53	BOLT		437889-01	4			
54	STRAINER		441569-02	1			
55	CLAMP		443461-01	2			
56	PRESSURE SWITCH		P05220-01	1			

MODEL: **KM-590DJE-R452**TITLE: **C. REFRIGERATION CIRCUIT**

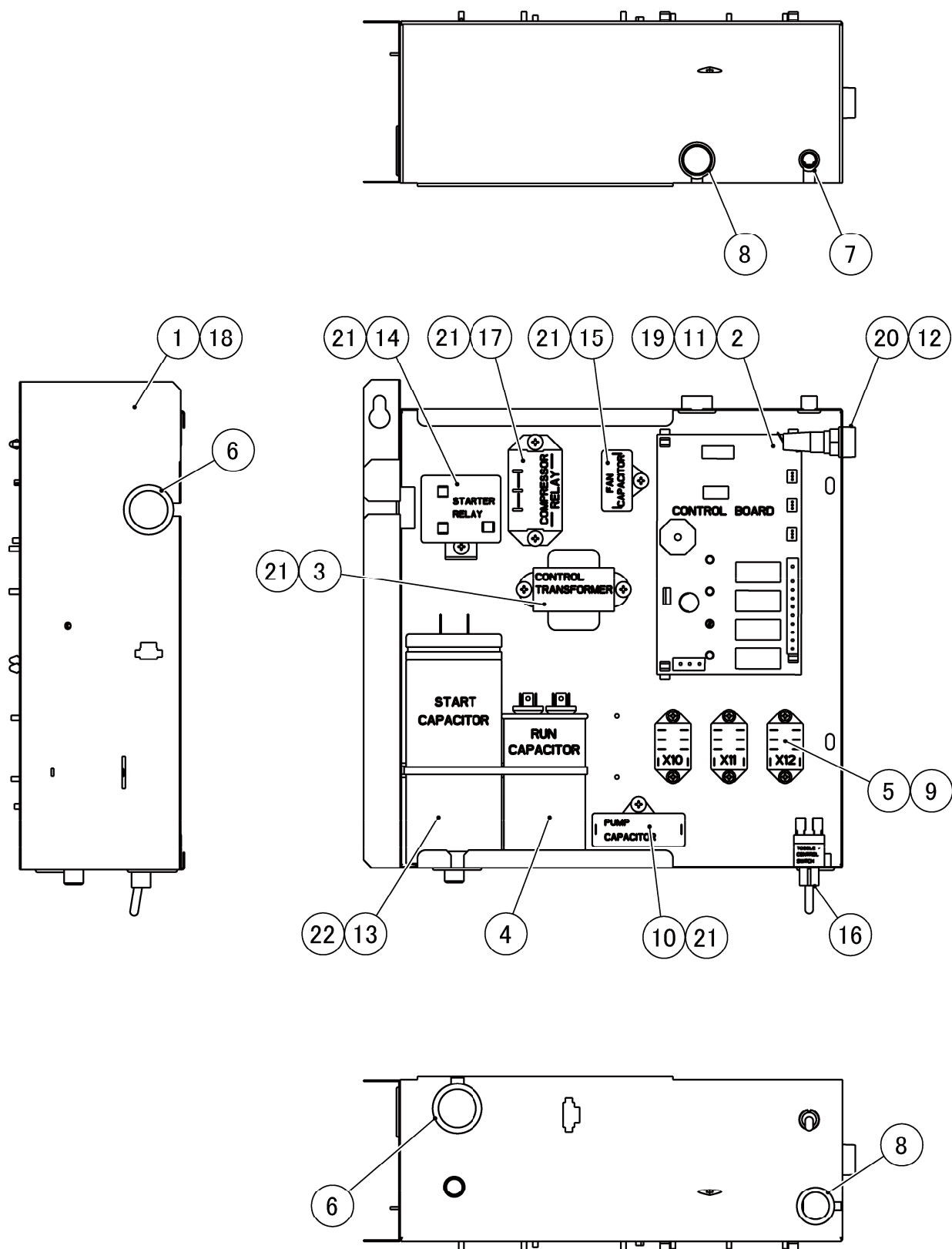
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
57	FAN BLADE		4A0197-01	1			
58	REAR FRAME		4E0090G01	1			
59	DRIER		462965-03	1			
60	CHECK VALVE		4A1373-01	2			
61	CONNECTION TEE COVER		4A1379-01	1			
62	EXPANSION VALVE		4A1482-01	2			
63	COMPRESSOR		4A1749-03	1			
64	CLAMP		P05316-01	1			
65	FAN MOTOR ASSY		389850G02	1			
66	VALVE BODY		4A3276-01	1			
67	HOT GAS VALVE COIL-HARNESS		389847G01	1			
68	LINE VALVE COIL-HARNESS		389848G01	1			
69	BOLT		4A3277F01	2			
70	SERVICE VALVE		4A3420-01	2			
71	VALVE BODY		4A3978-01	1			
72	COPPER TUBE (F) - HIGH SIDE		4E0154M01	1			
73	COPPER TUBE - SERVICE VALVE		4E0149M01	1			
74	COPPER TUBE (Z) - HIGH SIDE		4E0150M01	1			
75	HOT GAS VALVE BRACKET		4E0062M01	1			
76	INSULATION TUBE		H71020040	1			
77	INSULATION TUBE		H73555150	2			
78	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0512S0	4			
79	HEX HEAD TAPPING SCREW		7B03I1412	2			
80	TRUSS HEAD SCREW		FST0408S0	6			
81	T2 TRUSS HEAD SCREW		FT20408F0	19			
82	TRUSS HEAD SCREW		FST0412S0	4			
83	NYLON TIE		7920-0010	32			
84	NEOBELT PC		446470-01	3			



MODEL: **KM-590DJE-R452**

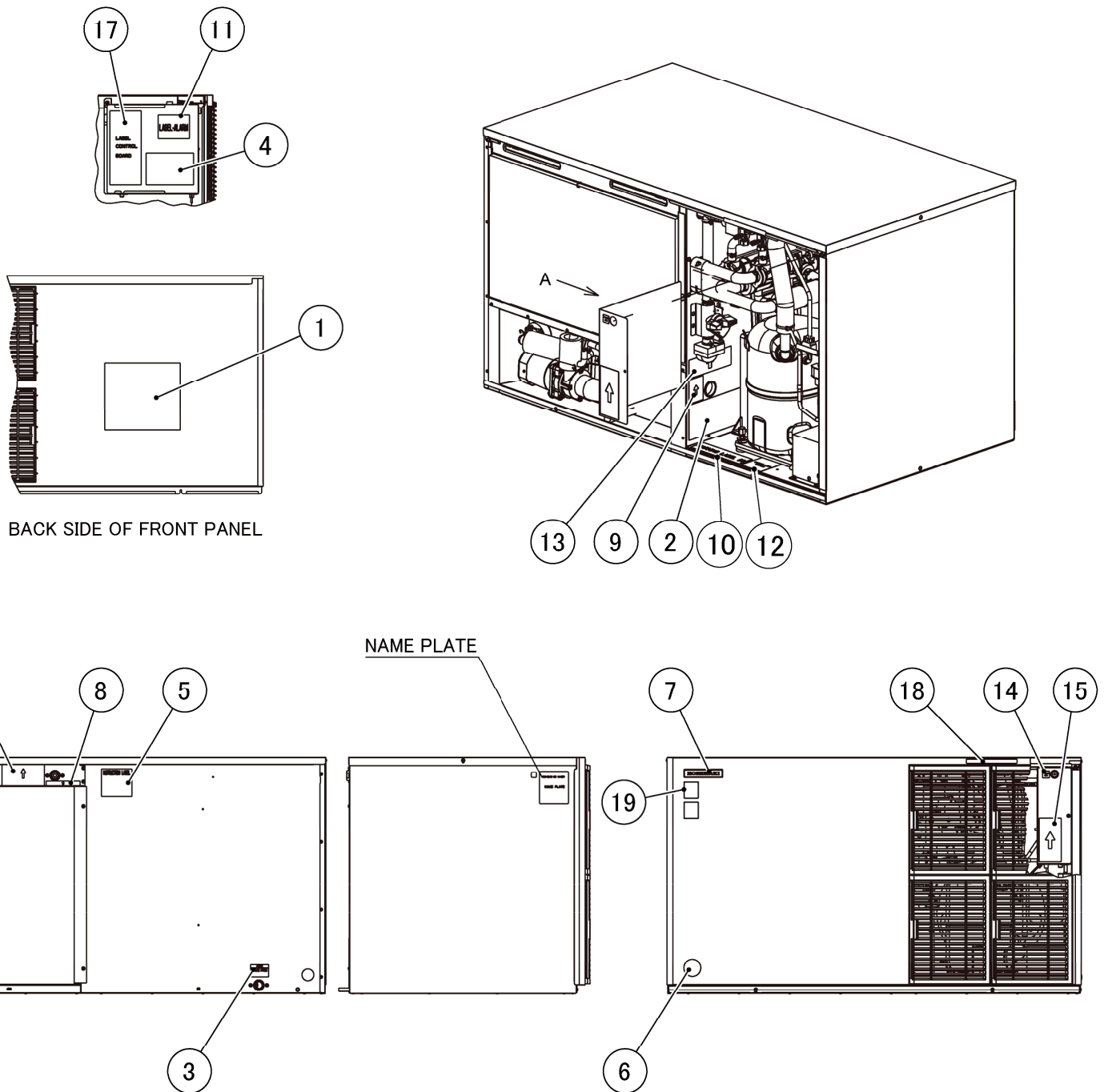
TITLE: **D. LOUVER FILTER AY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	LOUVER (B)		121370P01	1			
2	AIR FILTER (B)		121372G01	1			



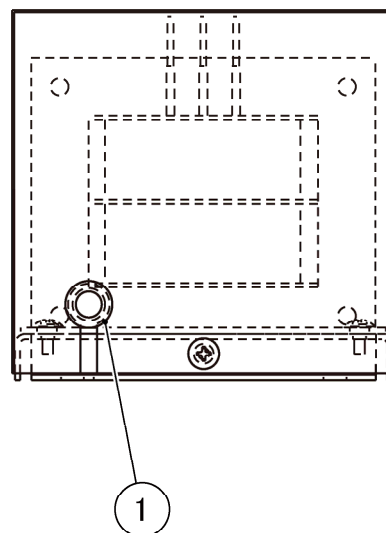
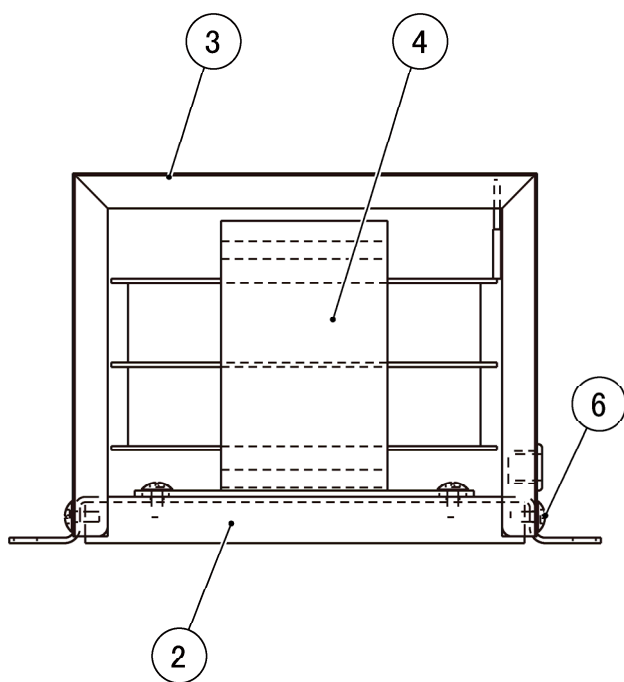
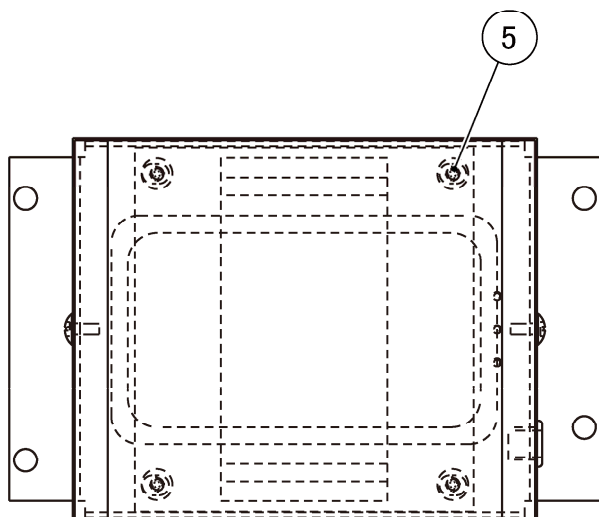
MODEL: **KM-590DJE-R452**TITLE: **E. CONTROL BOX AY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				1	2	3	4
1	CONTROL BOX		2E0134G01	1			
2	CONTROL BOARD J		2A7664-04	1			
3	POWER TRANSFORMER		3A0172-01	1			
4	CAPACITOR-RUN	325P356H44N36N4X	3A2005-12	1			
5	RELAY	LY2F 120V	406132-07	3			
6	BUSHING	SB-1093-15	420470-03	2			
7	BUSHING	OCB-875	428394-04	2			
8	BUSHING	OCB-500	428394-02	1			
9	T2(S) FLANGED PAN HEAD SCREW		431415-01	6			
10	CAPACITOR		P05273-01	1			
11	BOARD SUPPORT	CBS-9K	P01770-01	4			
12	FUSE	RF1-30	P01432-01	1			
13	CAPACITOR-START	MAB MKP 160/330	4A1094-01	1			
14	STARTER	040-0001-60(-38)	4A1107-13	1			
15	CAPACITOR		P05273-02	1			
16	TOGGLE SWITCH	2GM91-78	P01206-01	1			
17	POWER RELAY	G7L-1A-TUB	449000-01	1			
18	HARNESS		278495Z01	1			
19	WIRE HARNESS - CONNECTION		390052G01	1			
20	FUSE HOLDER	BF115	P00014-01	1			
21	T2 TRUSS HEAD SCREW		FT20408F0	7			
22	NYLON TIE	CV-250N,T60S CV-250N,T60S	7920-0011	2			



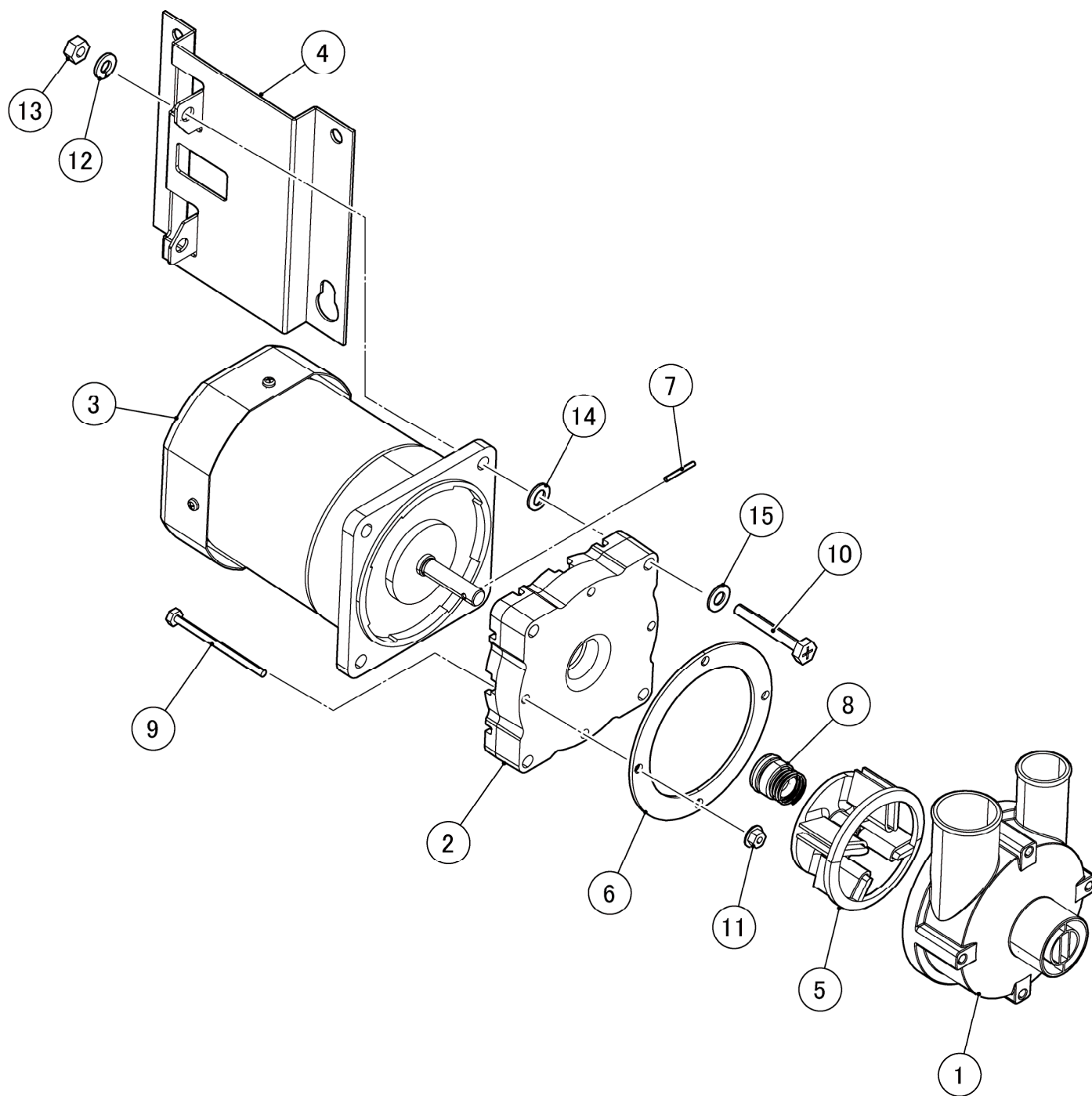
MODEL: **KM-590DJE-R452**TITLE: **F. LABEL LOCATION**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	MAINTENANCE LABEL		3E0138L01	1			
2	MANUAL LABEL - MECH. BIN CONTROL		3E0137L01	1			
3	NOTICE LABEL - PLASTIC FITTING		3E0140L01	1			
4	WARNING LABEL (K)		4E0100L01	1			
5	INSTRUCTION LABEL		4E0103L01	1			
6	LABEL - PENGUIN		468184-02	1			
7	EMBLEM		340842-01	1			
8	WATER SUPPLY LABEL		4E0093L01	1			
9	PROCESS VALVE LABEL		4E0102L01	1			
10	WIRING LABEL		3E0142L01	1			
11	LABEL - ALARM		4E0099L01	1			
12	CAUTION LABEL - SERVICE		471180L01	1			
13	OPERATION LABEL - VALVE		4E0098L01	1			
14	LABEL - FUSE		4E0097L01	1			
15	MANUAL LABEL		4E0096L01	1			
16	LABEL - WARNING MAINS CONNECTION		4E0092L01	1			
17	LABEL - CONTROL BOARD		4E0094L01	1			
18	LABEL - AIR FILTER		426177-01	1			
19	LABEL - HACCP		476519L01	1			



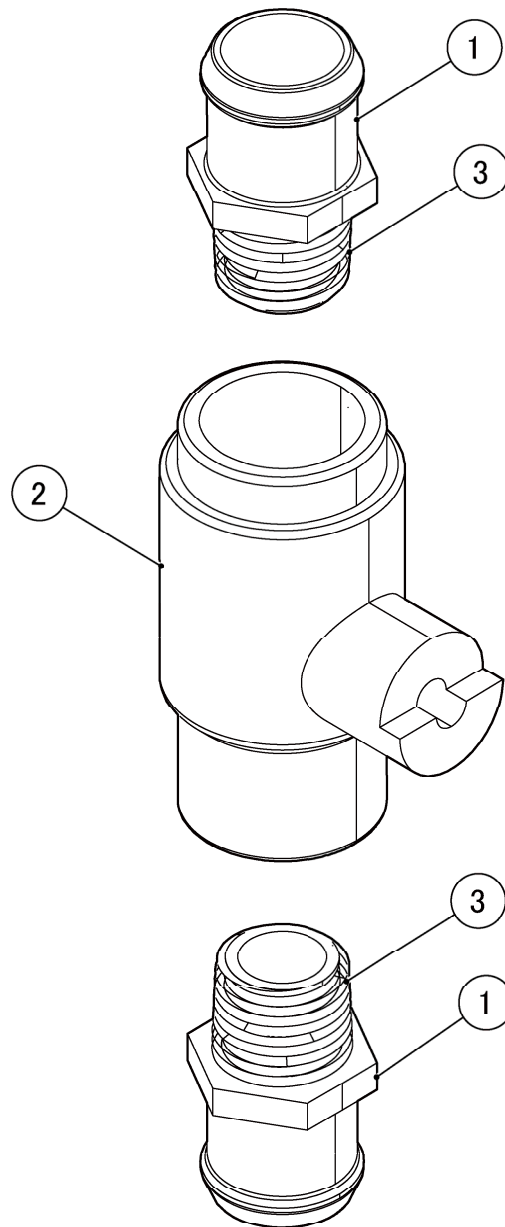
MODEL: **KM-590DJE-R452**TITLE: **G. TRANSFORMER BOX AY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	BUSHING	OCB-500	428394-02	1			
2	TRANSFORMER BRACKET		4E0065M01	1			
3	TRANSFORMER COVER		4E0066M01	1			
4	TRANSFORMER-HARNESS		389849G01	1			
5	TRUSS HEAD SCREW		FST0408F0	4			
6	T2 TRUSS HEAD SCREW		FT20408M0	2			

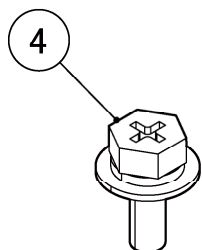
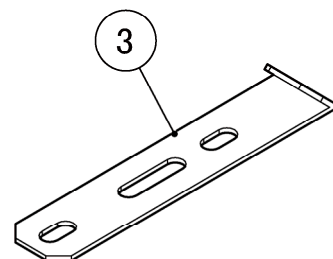
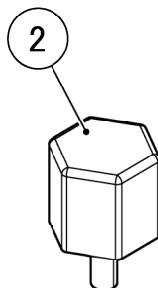
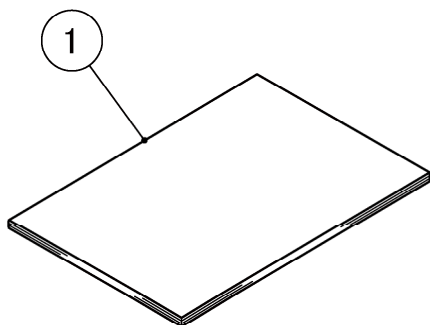


MODEL: **KM-590DJE-R452**TITLE: **H. PUMP MOTOR AY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	PUMP HOUSING		277531P01	1			
2	PUMP FLANGE		277515P01	1			
3	PUMP MOTOR-HARNESS		389851G01	1			
4	PUMP MOTOR BRACKET		389276M01	1			
5	IMPELLER(A)		334706G01	1			
6	PACKING		485076R01	1			
7	PIN		485094M01	1			
8	MECHANICAL SEAL	R-7707-1	4A3820-03	1			
9	HEX HEAD BOLT		FBH0455S0	4			
10	HEX HEAD BOLT		FBH0640S0	4			
11	FLANGE NUT		FNHF04S0	4			
12	SPRING WASHER		FWSP06S0	4			
13	NUT		FNH106S0	4			
14	TOOTH WASHER		FWTB06S0	2			
15	FLAT WASHER		FWPL06S0	4			



MODEL: KM-590DJE-R452 TITLE: J. BALL VALVE AY							
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	MALE ADAPTOR		389141P01	2			
2	BALL VALVE		439293-01	1			
3	TEFLON TAPE		485124Z01	2			



MODEL: **KM-590DJE-R452** TITLE: **K. ACCESSORIES**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	INSTRUCTION MANUAL		L1F137104	1			
2	THUMBSCREW		415949G12	1			
3	UNIVERSAL BRACE		4E0077M01	2			
4	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0512S0	4			