



CRESCENT CUBER

KM-470AJE-R452

PARTS LIST

[HE]

M097

M-0 NOV. 2022

M097-5290 (0424)

List of Specifications

MODEL	MODEL NUMBER	DESTINATION	SPEC
KM-470AJE-R452	M097	HE	220-240V/50Hz

AUXILIARY CODE

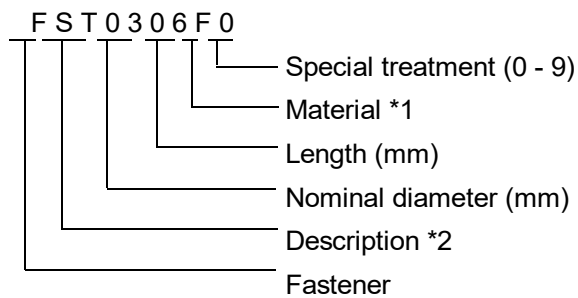
U - 1

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

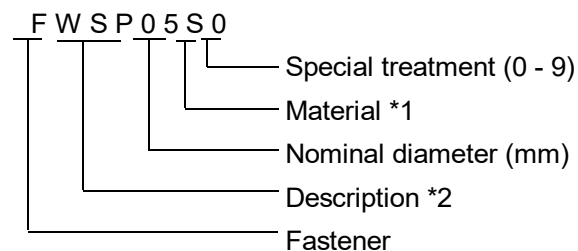
SCREWS



*1 Material

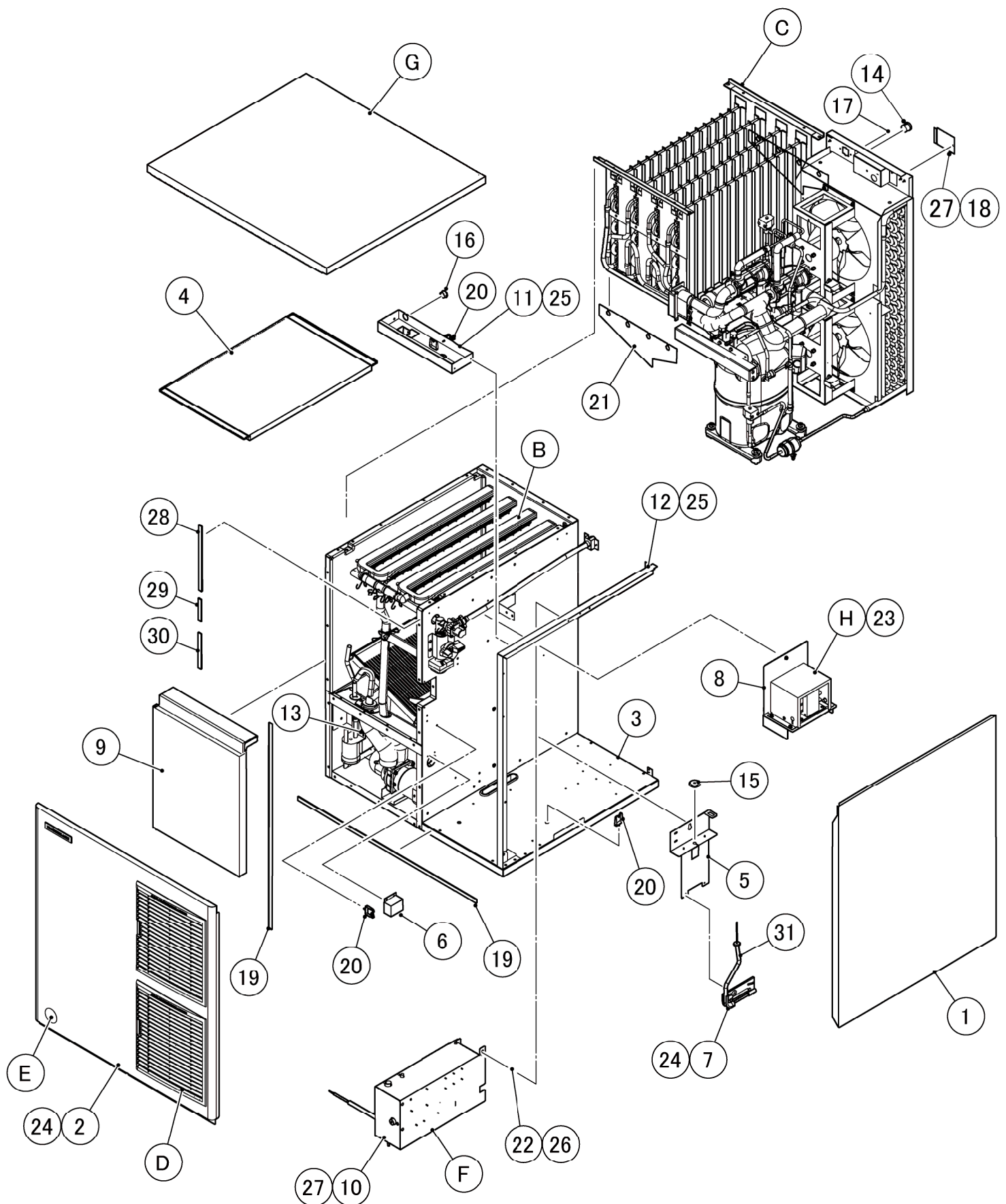
F: Steel
S: Austenitic stainless steel
M: Martensitic stainless steel
B: Copper alloy
P: Polycarbonate
N: Polyamide
V: PVC
A: ABS
X: Polyacetal
L: Aluminum

NUTS & WASHERS



*2 Description

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

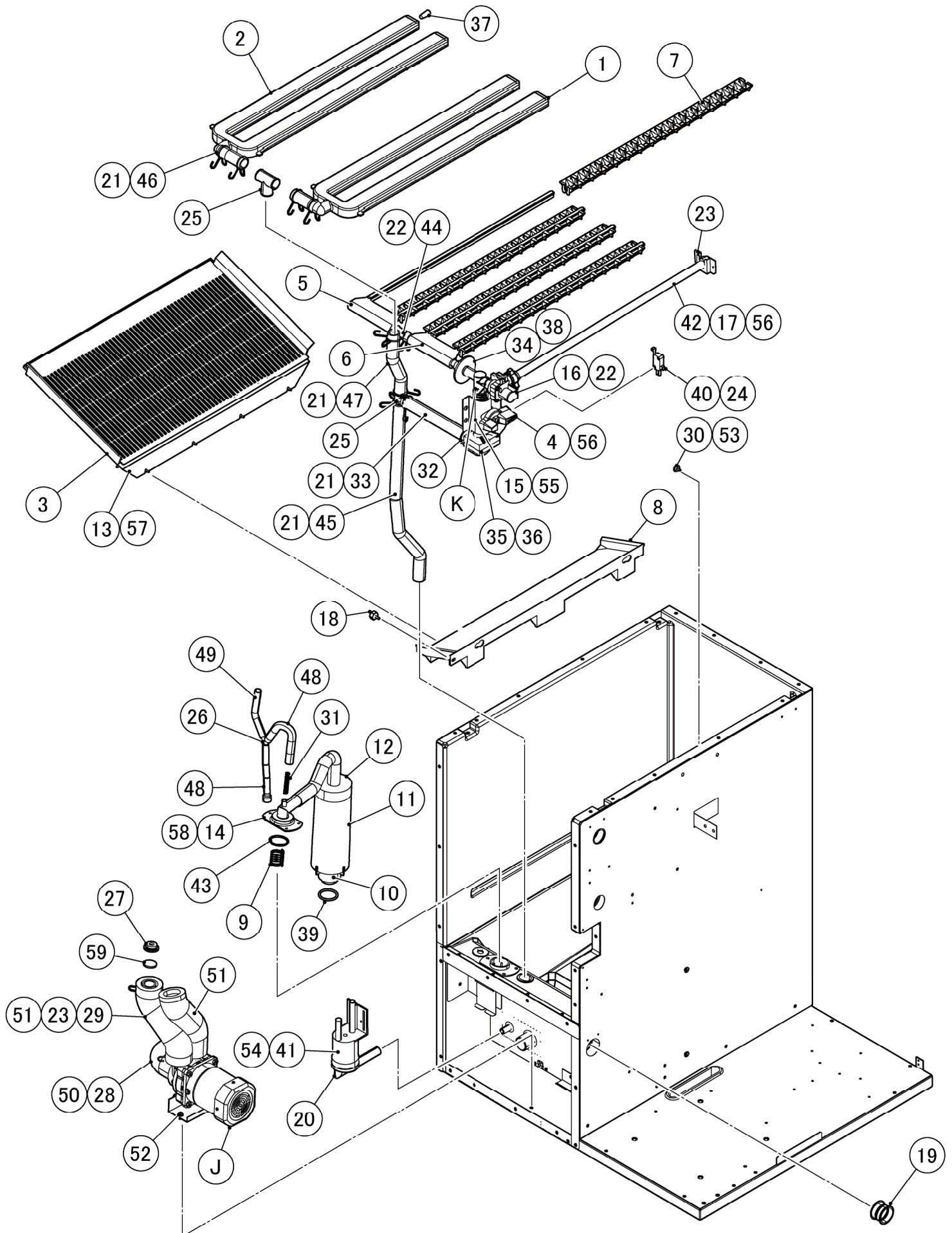


MODEL: **KM-470AJE-R452**TITLE: **A. ICE CUBER ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
B	WATER CIRCUIT		1E0059A01	1			
C	REFRIGERATION CIRCUIT		1E0055A01	1			
D	LOUVER FILTER AY		277614A01	1			
E	LABEL LOCATION		2E0084A01	1			
F	CONTROL BOX AY		2E0138A01	1			
G	TOP PANEL AY		3E0124A01	1			
H	TRANSFORMER BOX AY		3E0121A01	1			
L	ACCESSORIES		A04205-01	1			
1	SIDE PANEL (R)		1E0076G01	1			
2	FRONT PANEL (A)		1E0071M01	1			
3	EVAP. CASE		127965G01	1			
4	TOP INSULATION		389231G01	1			
5	BULB HOLDER		3E0123G01	1			
6	BARRIER		389233M01	1			
7	BULB HOLDER		389136P01	1			
8	TRANSFORMER ASSY BRACKET		3E0086M01	1			
9	FRONT INSULATION		389236G01	1			
10	CONTROL BOX COVER		3E0085M01	1			
11	FRAME (C)		3E0083M01	1			
12	FRAME		3E0125G01	1			
13	FLOW SWITCH STOP		3E0072M02	1			
14	BUSHING	SR-34-2	420472-05	1			
15	CAPILLARY RING		425307-02	1			
16	BUSHING	OCB-875	428394-04	1			
17	SCREW - GROUNDING		433304-02	1			
18	JUNCTION BOX COVER		485120M01	1			
19	GASKET		3E0108R01	1			
20	CLAMP	OFNS-16-187-01	P05316-01	9			

MODEL: **KM-470AJE-R452**TITLE: **A. ICE CUBER ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
21	SPLASH GUARD		485093P01	1			
22	TAPER COLLAR		4H0171-01	1			
23	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0510F0	7			
24	TRUSS HEAD SCREW		FST0408S0	3			
25	TRUSS HEAD SCREW		FST0412S0	6			
26	FLAT HEAD T2 SCREW		470417-02	1			
27	T2 TRUSS HEAD SCREW		FT20408F0	8			
28	GASKET		3E0108R02	1			
29	GASKET		3E0108R03	1			
30	GASKET		3E0108R04	1			
31	Si Hose	H11013240(240mm)	H11013240	1			



MODEL: **KM-470AJE-R452**TITLE: **B. WATER CIRCUIT**

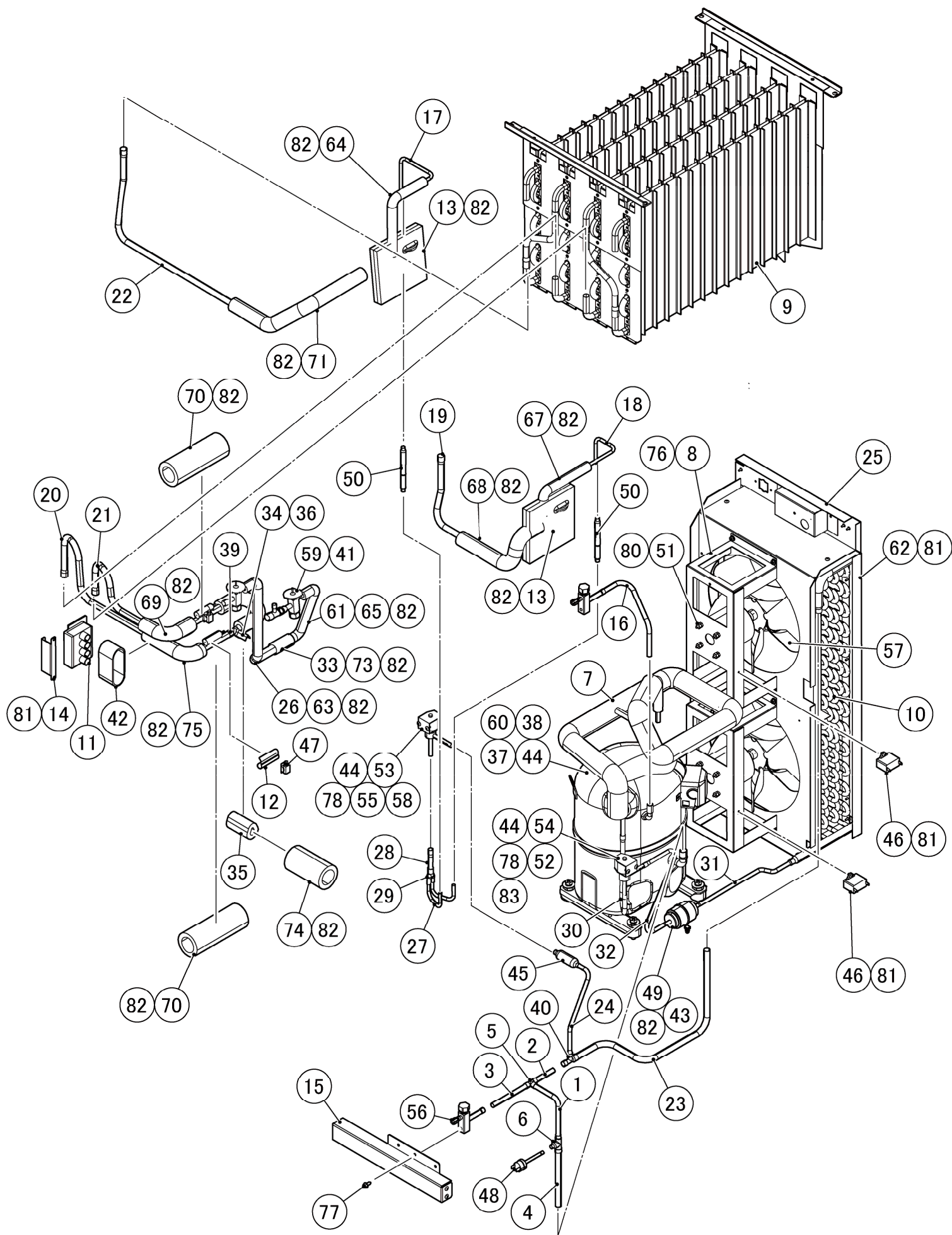
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
J	PUMP MOTOR AY		2E0137A01	1			
K	BALL VALVE AY		485124A01	1			
1	SPRAY TUBE		127927P02	1			
2	SPRAY TUBE		127927P01	1			
3	CUBE GUIDE (A)		214905-01	1			
4	HANDLE		277512P01	1			
5	WATER SUPPLY TUBE		277511P01	1			
6	WATER SUPPLY TUBE		277511P02	1			
7	SPRAY GUIDE		277513P01	4			
8	CUBE GUIDE (B)		389137P01	1			
9	SPRING		391514M01	1			
10	OVERFLOW PIPE		389138P02	1			
11	OVERFLOW CAP		389139P01	1			
12	HOSE (C)		389252R01	1			
13	PLATE		3E0082M01	1			
14	DRAIN VALVE		389140P01	1			
15	VALVE HOLDER		3E0070M01	1			
16	WATER VALVE		4E0120Z01	1			
17	RUBBER GASKET		413854-03	1			
18	THUMBSCREW		415949G10	1			
19	BUSHING	SB-1500-21	420470-06	2			
20	CONNECTOR - FLOAT SWITCHC		389703R01	1			
21	HOSE CLAMP	SUS304	P05613-03	13			
22	HOSE CLAMP	SUS304	P05613-05	3			
23	WATER SUPPLY BRACKET		4E0117M01	1			
24	T2(S) FLANGED PAN HEAD SCREW		431415-02	2			

MODEL: **KM-470AJE-R452**TITLE: **B. WATER CIRCUIT**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
25	DISTRIBUTOR		485065P01	1			
26	CONNECTOR		485066P01	1			
27	VALVE SEAT		485074R01	1			
28	HOSE (A)		435091-01	1			
29	DRAIN HOSE		435092-01	1			
30	COLLAR		435269-01	2			
31	SPRING		435825-01	3			
32	RUBBER RING		485109R01	1			
33	BYPASS HOSE		485110R01	1			
34	FLANGE		485111R01	1			
35	CORNER INSULATION		439376-01	1			
36	CORNER INSULATION (B)		485123Z01	1			
37	PLUG		4C0037R01	4			
38	TEE		485112R01	1			
39	O RING		4A1234-01	1			
40	MICRO SWITCH	V7-1C17D8-207	4A2546-01	1			
41	FLOAT SWITCH		4A3624-02	1			
42	WATER SUPPLY HOSE		4E0116P01	1			
43	O-RING		7611-G035	1			
44	Si Hose	H11521050(50mm)	H11521050	1			
45	Si Hose	(470mm)	H12025470	1			
46	Si Hose	(65mm)	H12025065	2			
47	Si Hose	(170mm)	H12025170	1			
48	Si Hose	H11013140(140mm)	H11013140	1			
49	Si Hose	HE1013115(115mm)	H11013115	1			
50	Insulation Tube	H73555110(110mm)	H73555110	1			
51	Insulation Tube	H73555180(180mm)	H73555180	1			

MODEL: **KM-470AJE-R452**TITLE: **B. WATER CIRCUIT**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
52	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0512S0	1			
53	FLAT HEAD MACHINE SCREW		FSF0412S0	2			
54	TRUSS HEAD SCREW		FST0408S0	6			
55	S-TITE TRUSS HEAD SCREW		FTS0408M0	3			
56	T2 TRUSS HEAD SCREW		FT20408F0	1			
57	TRUSS HEAD TAPPING SCREW T2		FT20410S0	4			
58	TRUSS HEAD MACHINE SCREW		FST0416S0	3			
59	VALVE SEAT (B)		486235P01	1			



MODEL: **KM-470AJE-R452**TITLE: **C. REFRIGERATION CIRCUIT**

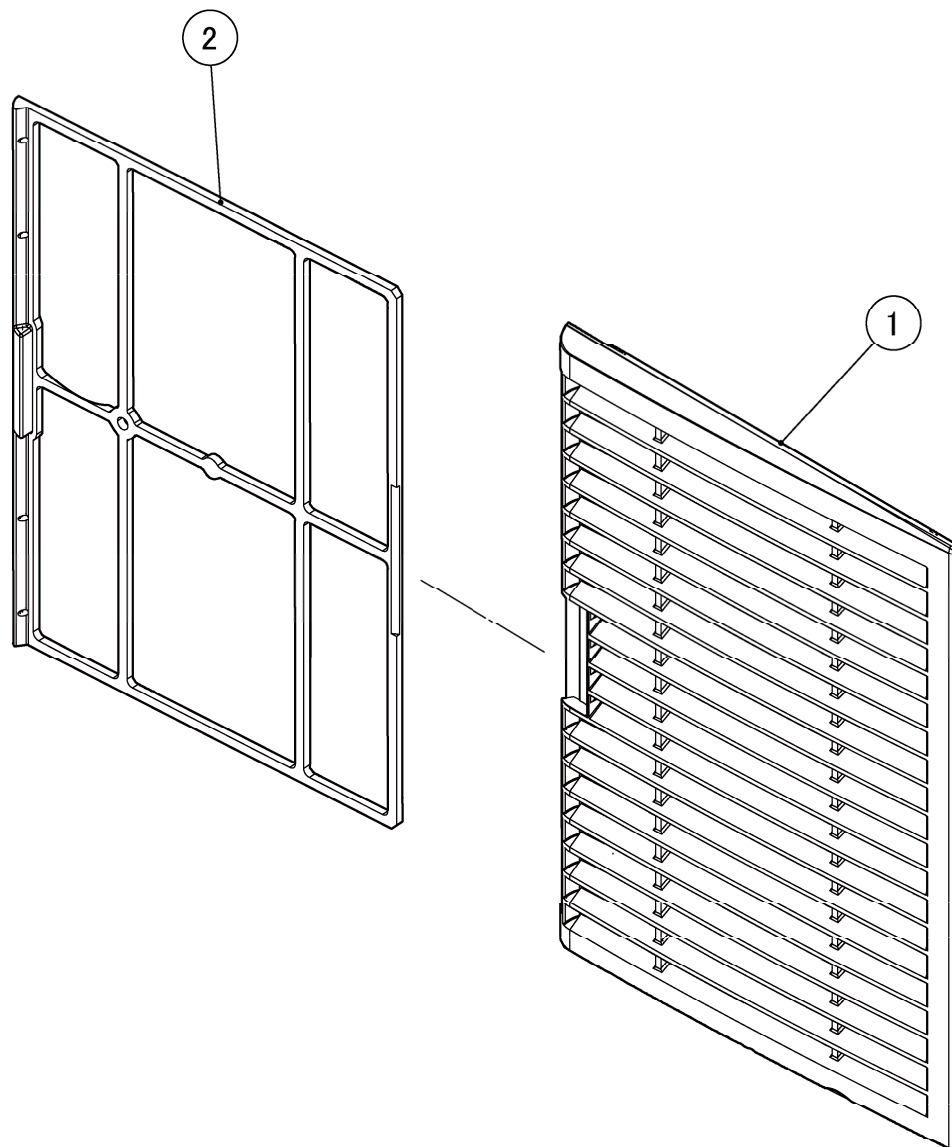
NDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	COPPER TUBE 90 - BEND	COPPER TUBE (A) - HIGH SIDE 1E0096G01	3E0214M01	1			
2	TUBE - STRAIGHT	COPPER TUBE (A) - HIGH SIDE 1E0096G01	3E0220M01	1			
3	TUBE - STRAIGHT	COPPER TUBE (A) - HIGH SIDE 1E0096G01	3E0220M02	1			
4	TUBE - STRAIGHT	COPPER TUBE (A) - HIGH SIDE 1E0096G01	3E0220M03	1			
5	TEE	COPPER TUBE (A) - HIGH SIDE 1E0096G01	436000-02	1			
6	TEE	COPPER TUBE (A) - HIGH SIDE 1E0096G01	420335-01	1			
7	HEAT EXCHANGER		1E0097G01	1			
8	FAN MOTOR BRACKET		1E0068M01	2			
9	EVAPORATOR		1E0075G01	1			
10	CONDENSER		P05152-01	1			
11	INSULATED RUBBER TUBE AY		389244G01	1			
12	BAND - EXP. VALVE		4A4008-02	2			
13	EXPANSION VALVE COVER		3A0944-01	2			
14	INSULATION - HOLDER		389427M01	1			
15	FRAME (F)		3E0135G01	1			
16	COPPER TUBE - SERVICE VALVE		3E0213M01	1			
17	COPPER TUBE (L) - HOT GAS		3E0217M01	1			
18	COPPER TUBE (R) - HOT GAS		3E0218M01	1			
19	COPPER TUBE (R1) - LOW SIDE		3E0212M01	1			
20	COPPER TUBE (L2) - LOW SIDE		3E0225M01	1			
21	COPPER TUBE (R2) - LOW SIDE		3E0215M01	1			
22	COPPER TUBE (L1) - LOW SIDE		3E0209M01	1			
23	COPPER TUBE (B) - HIGH SIDE		3E0211M01	1			
24	COPPER TUBE (A1) - HIGH SIDE		3E0216M01	1			
25	SHROUD		3E0122G01	1			
26	COPPER TUBE (L) - EXP		3E0210M01	1			
27	COPPER TUBE (B) - HOT GAS	COPPER TUBE - HOT GAS 3E0160G01	4E0089M01	2			
28	COPPER TUBE (A) - HOT GAS	COPPER TUBE - HOT GAS 3E0160G01	4E0087M01	1			

MODEL: **KM-470AJE-R452**TITLE: **C. REFRIGERATION CIRCUIT**

NDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
29	Y JOINT	COPPER TUBE - HOT GAS 3E0160G01	4A0159-01	1			
30	COPPER TUBE (F) - HIGH SIDE		3E0226M01	1			
31	COPPER TUBE (C) - HIGH SIDE		3E0227M01	1			
32	COPPER TUBE - LINE VALVE		3E0229M01	1			
33	TEE		420041-16	1			
34	HOLDER - THERMISTOR		427430-01	1			
35	INSULATION - THERMISTOR		485131Z01	1			
36	THERMISTOR		429006-03	1			
37	SPACER		434921-01	4			
38	GROMMET		434922-01	4			
39	TEE		436000-03	1			
40	TEE		436000-09	1			
41	TEE		436000-10	2			
42	INSULATION		485121Z01	1			
43	PUSH MOUNT TIE		C06256-02	1			
44	BOLT		437889-01	4			
45	STRAINER		441569-02	1			
46	CAPACITOR		P05273-02	2			
47	CLAMP		443461-01	2			
48	PRESSURE SWITCH		P05220-04	1			
49	DRIER		462965-03	1			
50	CHECK VALVE		4A1373-01	2			
51	FAN MOTOR ASSY		389850G01	2			
52	VALVE BODY		4A3276-01	1			
53	HOT GAS VALVE COIL-HARNESS		389847G01	1			
54	LINE VALVE COIL-HARNESS		389848G02	1			
55	BOLT		4A3277F01	2			
56	SERVICE VALVE		4A3420-01	2			

MODEL: **KM-470AJE-R452**TITLE: **C. REFRIGERATION CIRCUIT**

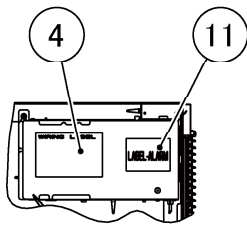
NDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
57	FAN BLADE		4A3959-01	2			
58	VALVE BODY		4A3978-01	1			
59	HOLDER - EXP. VALVE 3/8		3A0107-01	2			
60	COMPRESSOR		4A4954-03	1			
61	COPPER TUBE (R) - EXP. VALVE		4E0148M01	1			
62	BARRIER (B)		485101M01	1			
63	INSULATION TUBE		H71020210	1			
64	INSULATION TUBE		H71020240	1			
65	INSULATION TUBE		H71020225	1			
66	INSULATION TUBE		H71020180	1			
67	INSULATION TUBE		H71020115	1			
68	INSULATION TUBE		H71630260	1			
69	INSULATION TUBE		H71630130	1			
70	INSULATION TUBE		H71630150	1			
71	INSULATION TUBE		H71630370	1			
72	INSULATION TUBE		H71630180	1			
73	INSULATION TUBE		H71630060	1			
74	INSULATION TUBE		H73555100	1			
75	INSULATION TUBE		H73555150	2			
76	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0510F0	8			
77	HEX HEAD TAPPING SCREW		7B03I1412	2			
78	TRUSS HEAD SCREW		FST0408S0	10			
79	TRUSS HEAD SCREW		FST0508S0	1			
80	SELF-LOCKING NUT		7N21I0832	8			
81	T2 TRUSS HEAD SCREW		FT20408F0	20			
82	NYLON TIE		7920-0010	43			
83	NEOBELT PC		446470-01	1			



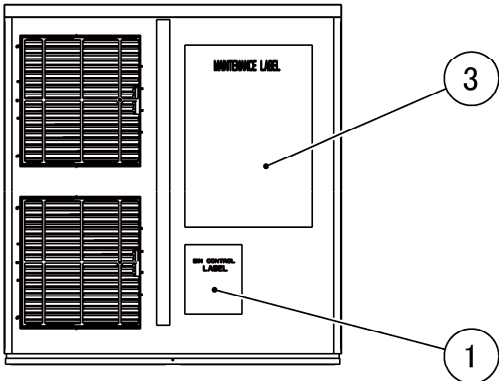
MODEL: **KM-470AJE-R452**

TITLE: **D. LOUVER FILTER AY**

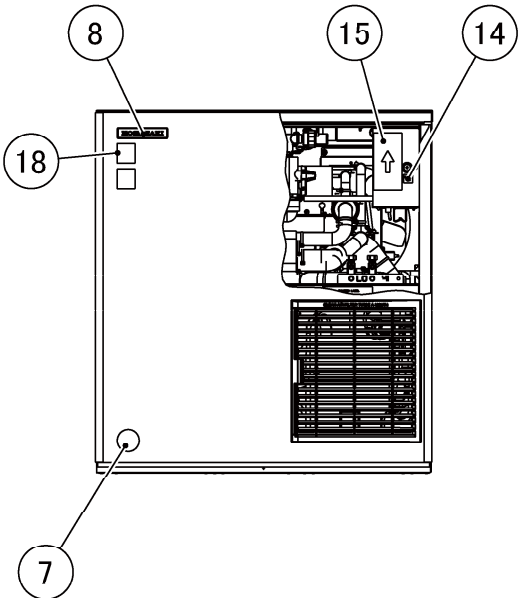
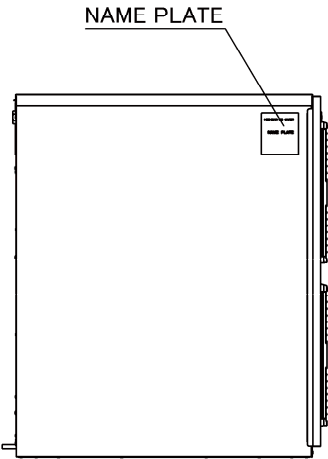
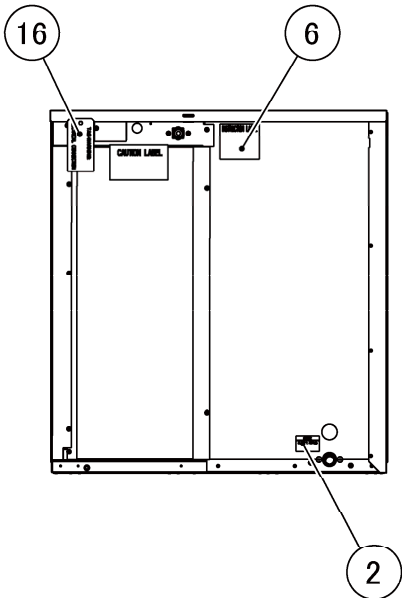
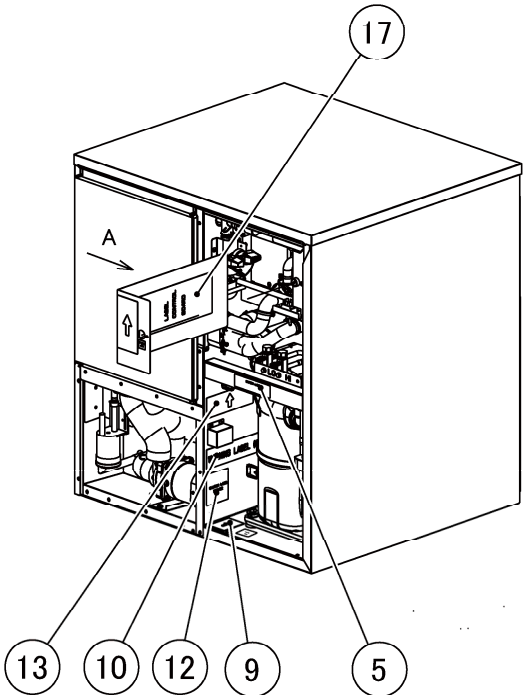
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	LOUVER (A)		127929P01	1			
2	AIR FILTER (A)		277516G01	1			



VIEW A

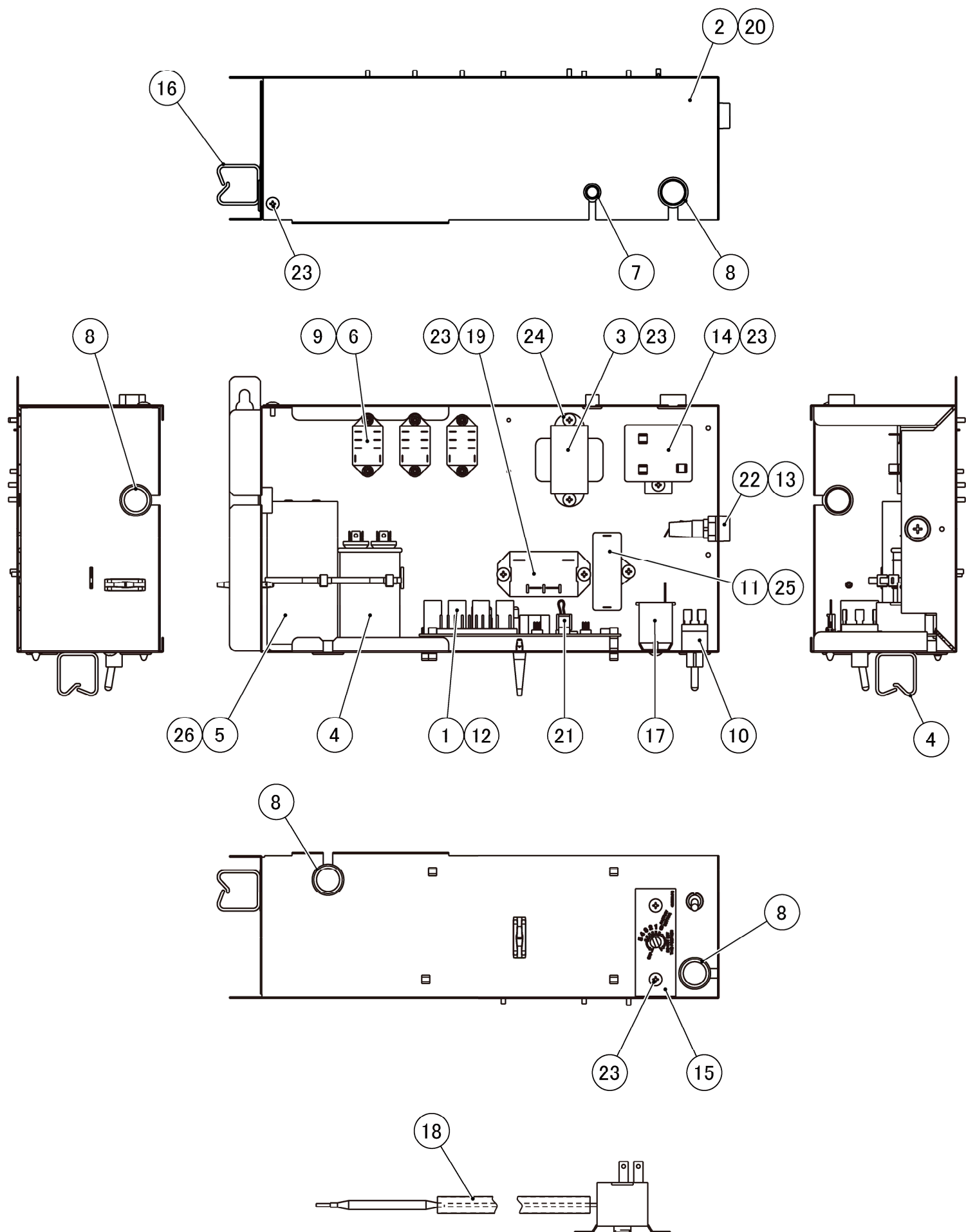


BACK SIDE OF FRONT PANEL



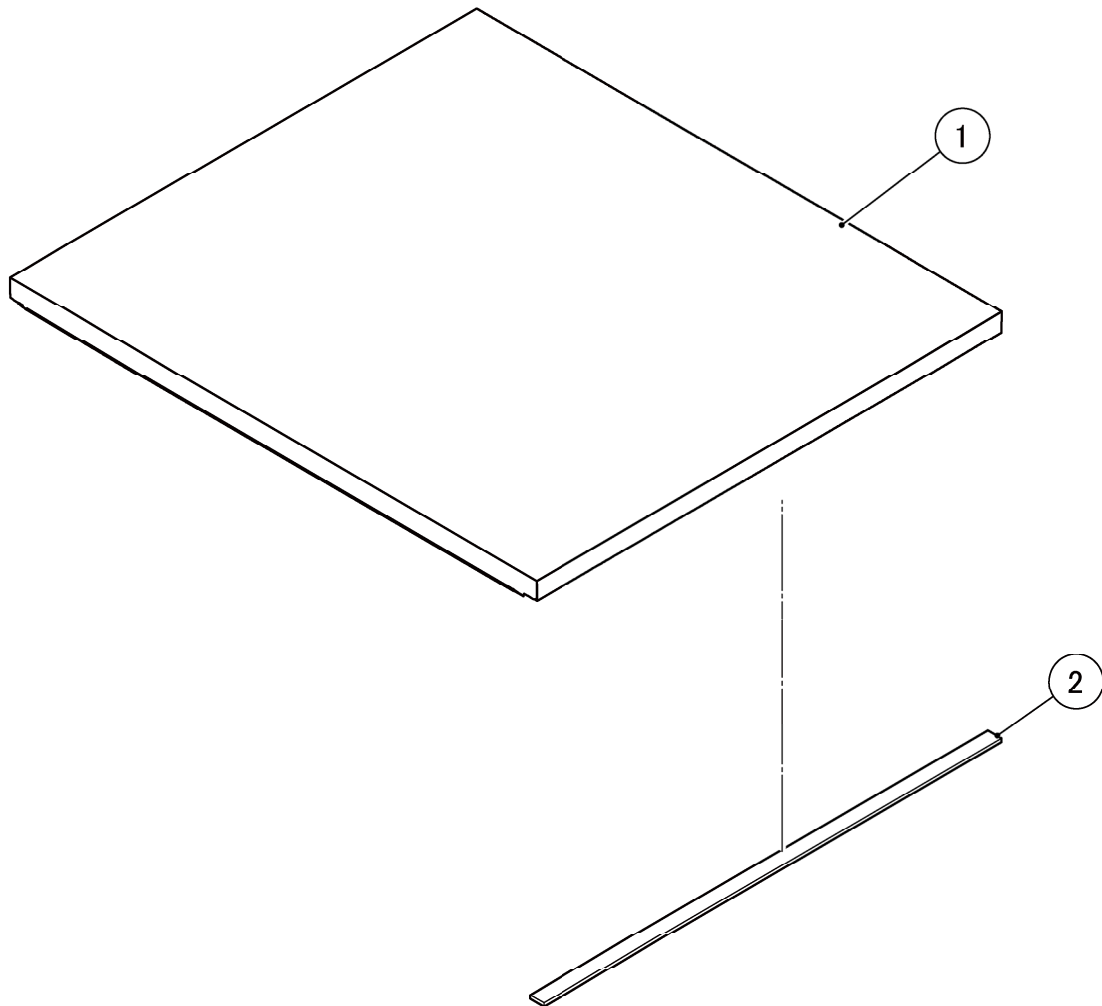
MODEL: **KM-470AJE-R452**TITLE: **E. LABEL LOCATION**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	MANUAL LABEL - BIN CONTROL		3E0141L01	1			
2	NOTICE LABEL - PLASTIC FITTING		3E0140L01	1			
3	MAINTENANCE LABEL		3E0139L01	1			
4	WIRING LABEL		3E0143L01	1			
5	CAUTION LABEL		4E0104L01	1			
6	INSTRUCTION LABEL		4E0103L01	1			
7	LABEL - PENGUIN		468184-02	1			
8	EMBLEM		340842-01	1			
9	PROCESS VALVE LABEL		4E0102L01	1			
10	WARNING LABEL (K)		4E0100L01	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	TAG - WARNING / ELECTRICAL CONNECTION		4E0095L01	1			
17	LABEL - CONTROL BOARD		4E0094L01	1			
18	LABEL - HACCP		476519L01	1			



MODEL: **KM-470AJE-R452**TITLE: **F. CONTROL BOX AY**

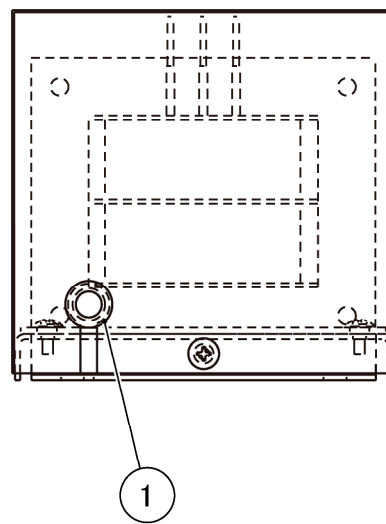
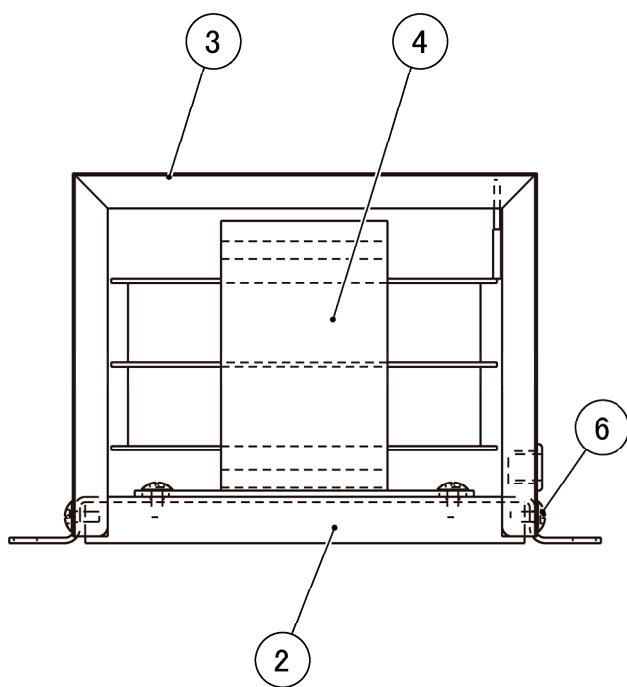
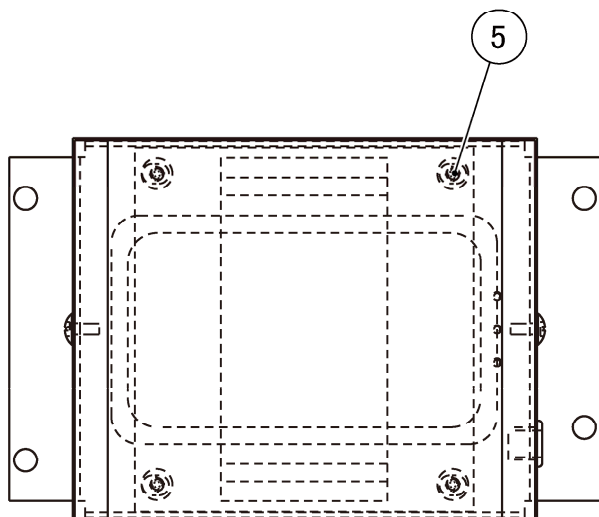
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	CONTROL BOARD J		2A7664-04	1			
2	CONTROL BOX (A)		2E0113M01	1			
3	POWER TRANSFORMER		3A0172-01	1			
4	CAPACITOR-RUN	325P306H37M30N4X	3A2005-03	1			
5	CAPACITOR-START	014-0036-18	3A4788-01	1			
6	RELAY	LY2F 120V	406132-07	3			
7	BUSHING	OCB-500	428394-02	1			
8	BUSHING	OCB-875	428394-04	4			
9	T2(S) FLANGED PAN HEAD SCREW		431415-01	6			
10	TOGGLE SWITCH	2GM91-78	P01206-01	1			
11	CAPACITOR		P05273-01	1			
12	BOARD SUPPORT	CBS-9K	P01770-01	4			
13	FUSE	RF1-30	P01432-01	1			
14	STARTER		4A1107-09	1			
15	CONTROL LABEL		485335L01	1			
16	CLAMP	OFNS-16-187-01	P05316-01	2			
17	THERMOSTAT		4A2879-02	1			
18	INSULATION TUBE		277616Z01	1			
19	POWER RELAY	G7L-1A-TUB	449000-01	1			
20	HARNESS		278249A01	1			
21	JUMPER CONNECTOR		485134Z01	1			
22	FUSE HOLDER	BF115	P00014-01	1			
23	TRUSS HEAD SCREW		FST0408S0	2			
24	T2 TRUSS HEAD SCREW		FT20408F0	6			
25	T2 TRUSS HEAD SCREW		FT20410M0	1			
26	NYLON TIE	CV-250N,T60S CV-250N,T60S	7920-0011	2			



MODEL: **KM-470AJE-R452**

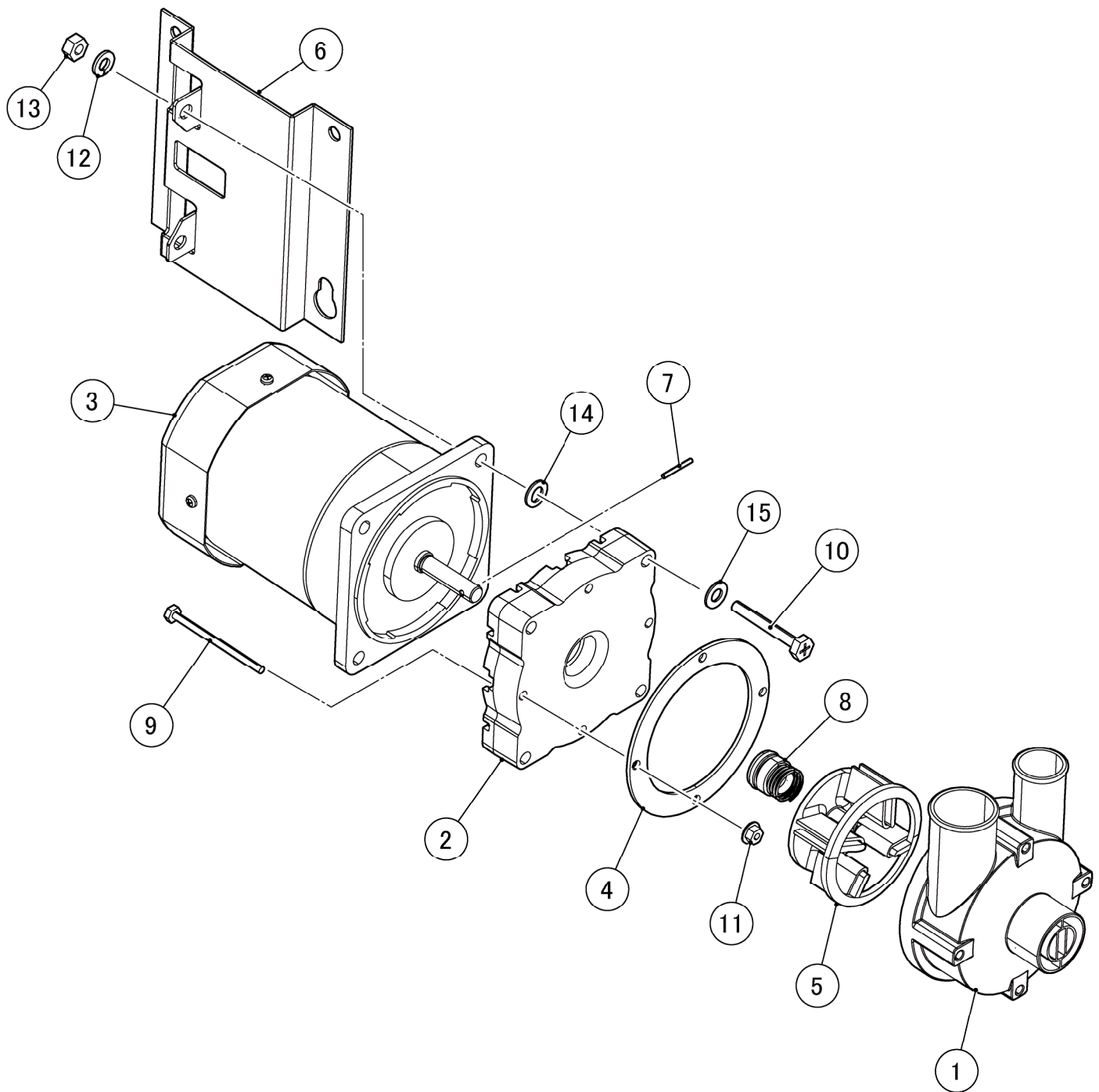
TITLE: **G. TOP PANEL AY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	TOP PANEL		2E0112M01	1			
2	TOP INSULATION (B)		389226Z01	3			



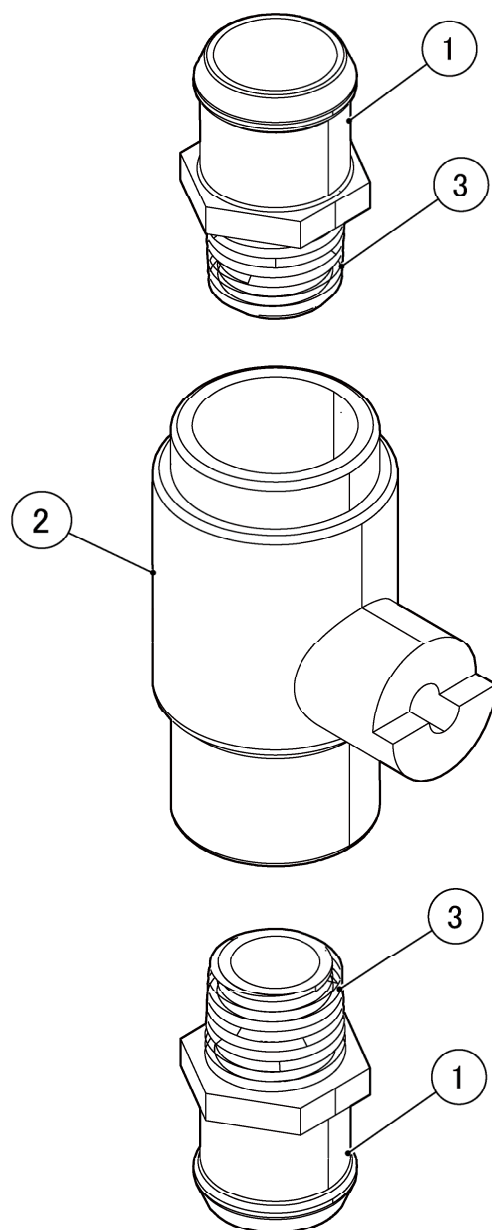
MODEL: **KM-470AJE-R452**TITLE: **H. TRANSFORMER BOX AY**

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			



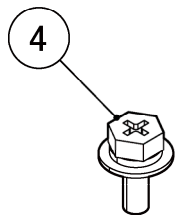
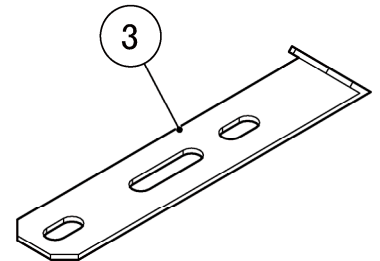
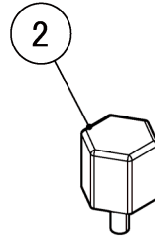
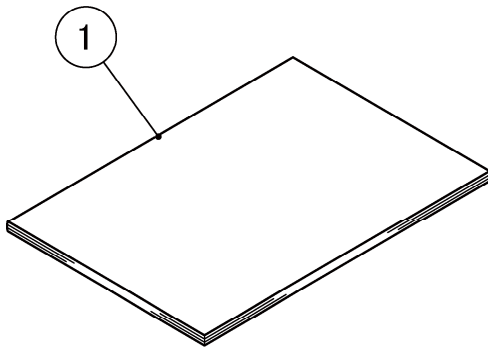
MODEL: **KM-470AJE-R452**TITLE: **J. PUMP MOTOR AY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	PUMP HOUSING		277514P01	1			
2	PUMP FLANGE		277515P01	1			
3	PUMP MOTOR-HARNESS		389851G01	1			
4	PACKING		485076R01	1			
5	IMPELLER		428548-01	1			
6	PUMP MOTOR BRACKET		4E0069M01	1			
7	PIN		485094M01	1			
8	MECHANICAL SEAL	R-7707-1	4A3820-03	1			
9	HEX HEAD BOLT		FBH0430S0	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-470AJE-R452** TITLE: **K. 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-470AJE-R452**TITLE: **L. ACCESSORIES**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				M-0 and later			
1	INSTRUCTION MANUAL		L1F136105	1			
2	THUMBSCREW		415949G10	2			
3	UNIVERSAL BRACE		4E0077M01	2			
4	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0512S0	2			