



COMMERCIAL ICE MAKER

FM-120KS-50-HC
FM-120KS-50-HCN

PARTS LIST

[HSH][HID][HTH]
[HS][HMY][HVN]
[HPH]

F301
F301-C001,F301-C002,F301-C003,F301-C121
F301-C122,F301-C161,F301-C471,F301-D002
F301-D003,F301-D121,F301-D122,F301-D161
F301-D471

P-1 DEC. 2024
Q-1 JUN. 2025

Product Code Spec

FM-120KS-50-HC

F301	Standard
F301-C002	For HID
F301-C003	For HTH
F301-C121	For HS
F301-C122	For HMY
F301-C161	For HPH
F301-C471	For HVN

FM-120KS-50-HCN

F301-C001	For HSH
F301-D002	For HID
F301-D003	For HTH
F301-D121	For HS
F301-D161	For HPH
F301-D122	For HMY
F301-D471	For HVN

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.

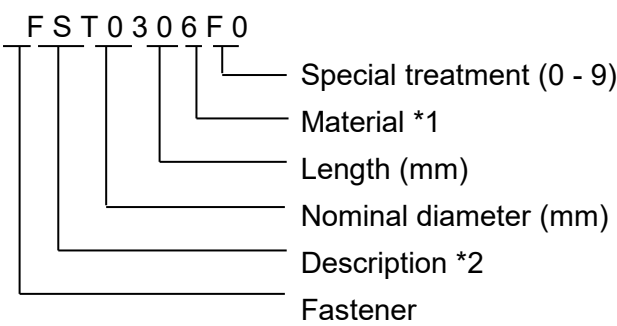
The second character indicates significant part changes within the same year. Base is "1" and this number advances for each change. If there is no significant part change at the turn of the year, this number starts from "0."

MARKS LOCATED UNDER THE AUXILIARY CODE

- = Part deleted.
- x = Part deleted and replaced by "o" part.
- o = New part in place of "x" part.

FASTENER PART NUMBER

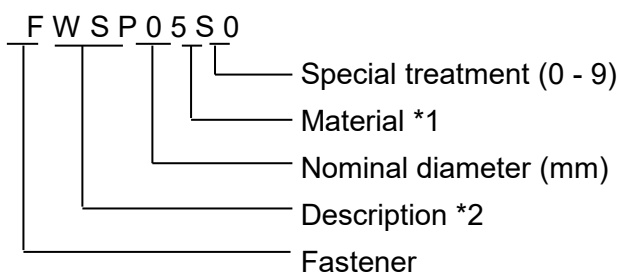
SCREWS



*1 Material

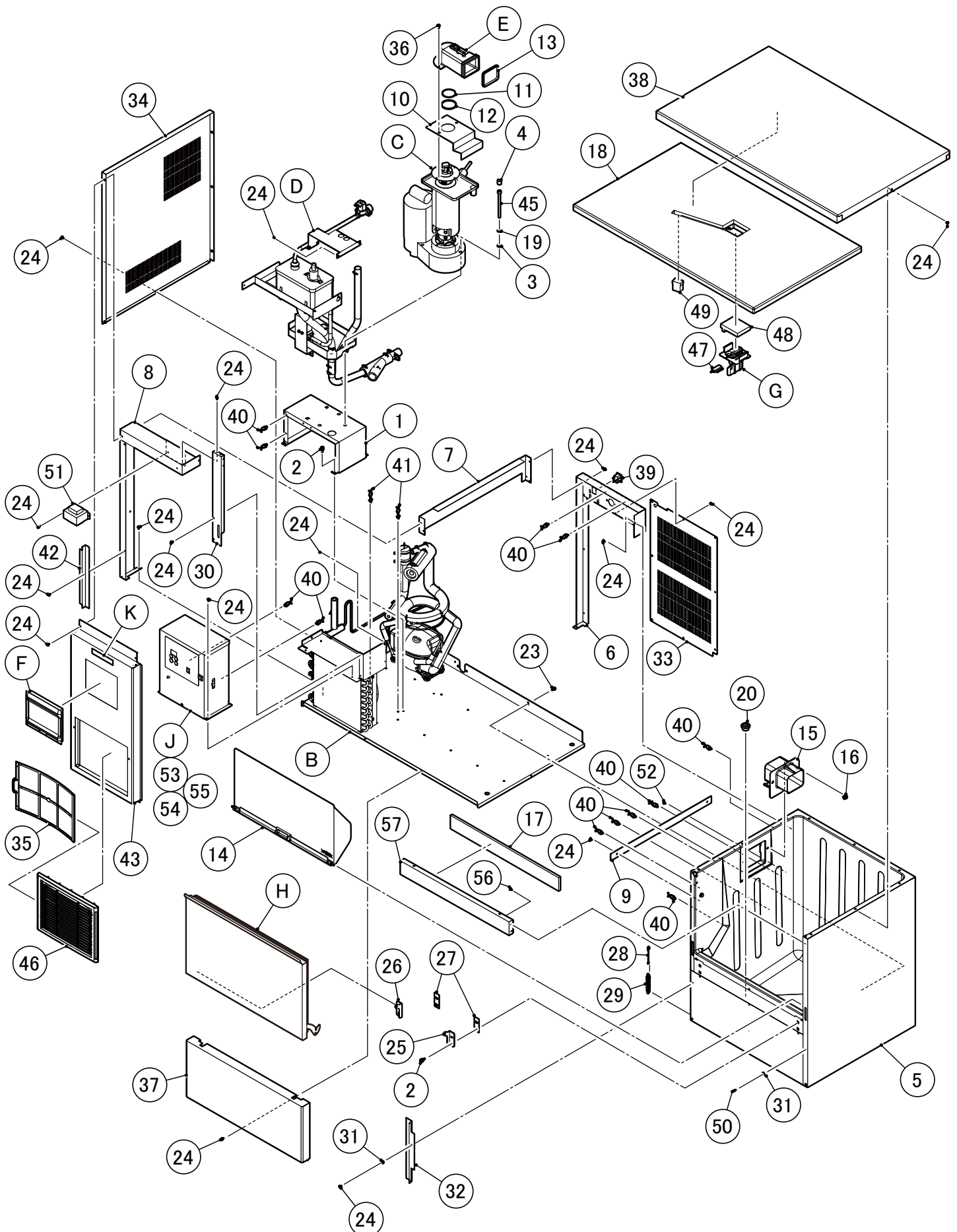
- F: Steel
- S: Austenitic stainless steel
- M: Martensitic stainless steel
- B: Copper alloy
- P: Polycarbonate
- N: Polyamide
- V: PVC
- A: ABS
- X: Polyacetal
- L: Aluminum

NUTS & WASHERS



*2 Description

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



MODEL: **FM-120KS-50-HC**
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TITLE: **A. ICE FLAKER ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
B	REFRIGERATION CIRCUIT		1C0831A01	1				
		F301-C161,D161	1C0831001	1				
C	ICE MAKING UNIT	F301,F301-C001 F301-C002,F301-C003 F301-C121,F301-C122 F301-C161,F301-C471	3C1116A01	1				
		F301-D002,-D003 F301-D121,D122,D161 F301-D471	3C1116001	1				
D	WATER CIRCUIT ASSY		1C0690A01	1				
E	SPOUT ASSY		358941A01	1				
F	WINDOW PANEL ASSY		348243A03	1				
G	ACTUATOR ASSY		350301A01	1				
H	DOOR ASSY		3C1759A01	1				
J	CONTROL BOX ASSY		2C1276A01	1				
K	LABEL LOCATION	F301	2C1291002	1				
		F301-C001	2C1291003	1				
		F301-C002	2C1291012	1				
		F301-C003, F301-C122 F301-C471	2C1291008	1				
		F301-D002,	2C1291013	1				
		F301-D003,F301-D122 F301-D471	2C1291009	1				
		F301-C161	2C1291016	1				
		F301-D161	2C1291017	1				
		F301-C121	2C1291027	1				
		F301-D121	2C1291028	1				
N	ACCESSORIES	F301, F301-C001	A04603-01	1				
		F301-C002,-D002	A04603001	1				
		F301-C003,-D003	A04603002	1				
		F301-C121,-C122 F301-D121,-D122	A04603003	1				
		F301-C471,-D471	A04603004	1				
		F301-C161,-D161	A04603005	1				
1	BRACKET / GM		3C0931G01	1				
2	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0620S0	8				
3	SEAL WASHER		458299-01	3				

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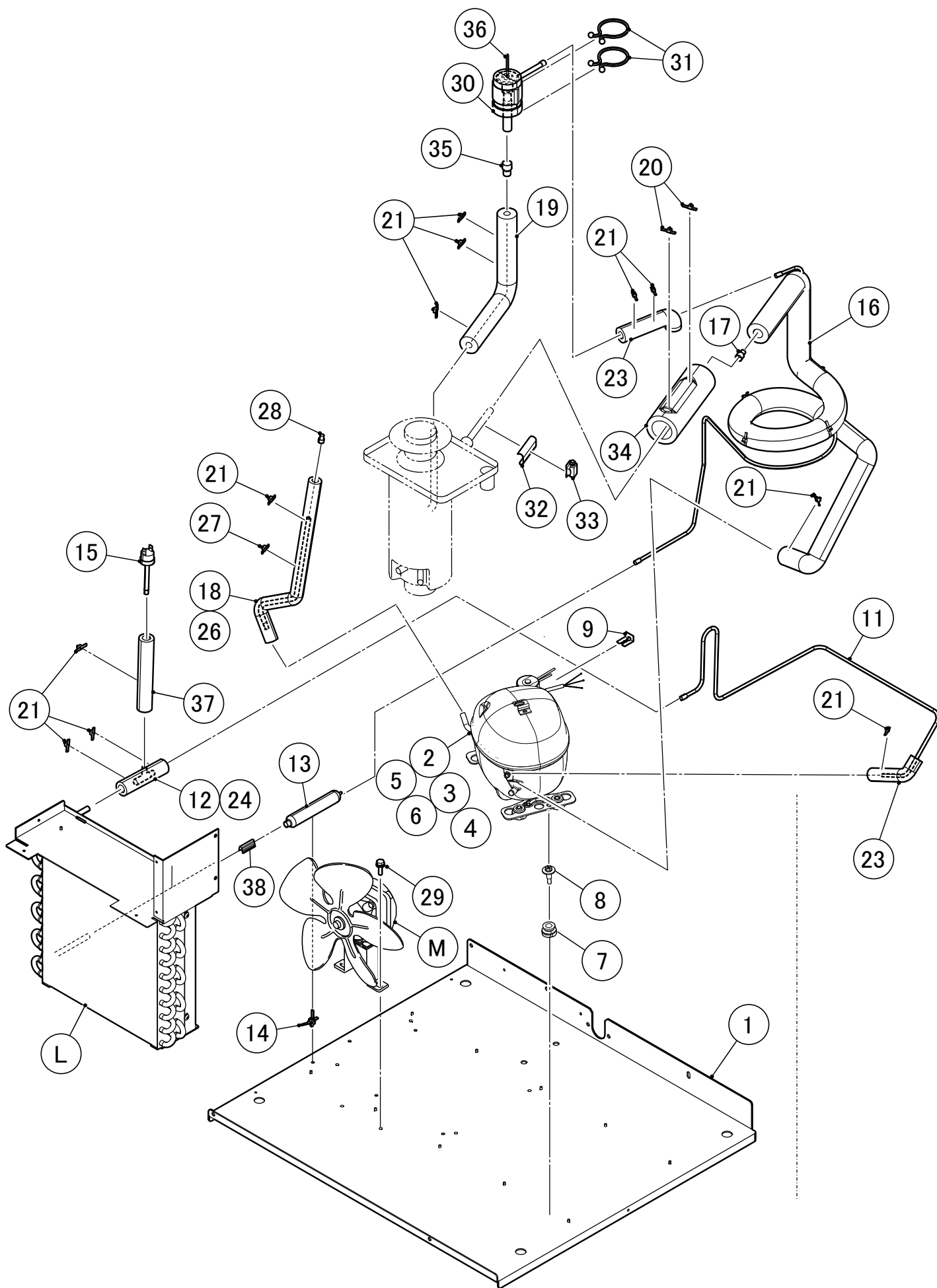
TITLE: **A. ICE FLAKER ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
4	VINYL CAP		451272-01	-				
5	BIN - FOAMED		2C1338G01	1				
6	REAR FRAME		2C1277M01	1				
7	SIDE FRAME		3C1092M01	1				
8	FRONT FRAME		2C1069M01	1				
9	BRACE - EVAPORATOR		4C0550M01	1				
10	BRACKET-EVA		3C0933M01	1				
11	O-RING		7616-G045	1				
12	RING		432661-03	1				
13	PACKING (A) - SPOUT		427152-02	1				
14	SLOPE		362590G01	1				
15	SPOUT(B)		232654-02	1				
16	BOLT		FBK0616S0	2				
17	INSULATION - FRONT		466394-02	1				
18	UPPER PANEL		2C2202G01	1				
19	SPRING WASHER		FWSP08S0	3				
20	DRAIN PIPE		466275-01	1				
23	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0512S0	1				
24	TRUSS HEAD TAPPING SCREW (S-TITE)		FTS0408M0	38				
25	HINGE (RIGHT)		4H2583-01	1				
26	HINGE (LEFT)		4H2584-01	1				
27	HINGE SPACER (B)		4H0605-02	2				
28	HOOK		404060-07	1				
29	SPRING		4H0823-01	1				
30	FRONT PLATE		3C1109M01	1				
31	TAPER COLLAR		4H0171-01	2				
32	BARRIER - AIR (B)		468195-01	1				
33	REAR PANEL(L)		2C1168M01	1				
34	SIDE PANEL(L)		2C1166M01	1				
35	AIR FILTER	Subpart of 3Y6179A01	2X0416G01	1				
36	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0412S0	3				
37	FRONT PANEL (R)		3C1126M01	1				
38	TOP PANEL		2C1278M02	1				

MODEL: **FM-120KS-50-HC**
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TITLE: **A. ICE FLAKER ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
39	CONNECTOR		P00245-02	1				
40	CLAMP		P05216-01	-				
41	CLAMP	No.1F55	427902-05	15				
42	BARRIER - AIR		4C0551M01	1				
43	FRONT PANEL		3C1096G01	1				
45	HEXAGON SOCKET HEAD CAP SCREW		458298-02	3				
46	LOUVER	Subpart of 3Y6179A01	1H4811P01	1				
47	REED SWITCH		P02304-01	1				
48	INSULATION (A) - UP		458667-01	1				
49	INSULATION (B) - UP		458668-01	1				
50	RIVET	SSD43SSBS	7170-0005	1				
51	TRANSFORMER		P02623-02	1				
52	PAN HEAD MACHINE SCREW (SPRING WASHER AND FLAT		FSK0408S0	1				
53	HARNESS		4C0562A01	1				
54	HARNESS (B)		270003G01	-				
55	HARNESS (C)		270015G01	-				
56	RIVET	SSD42SSBS	7170-0002	4				
57	FRONT FRAME BIN		4C0571M01	1				



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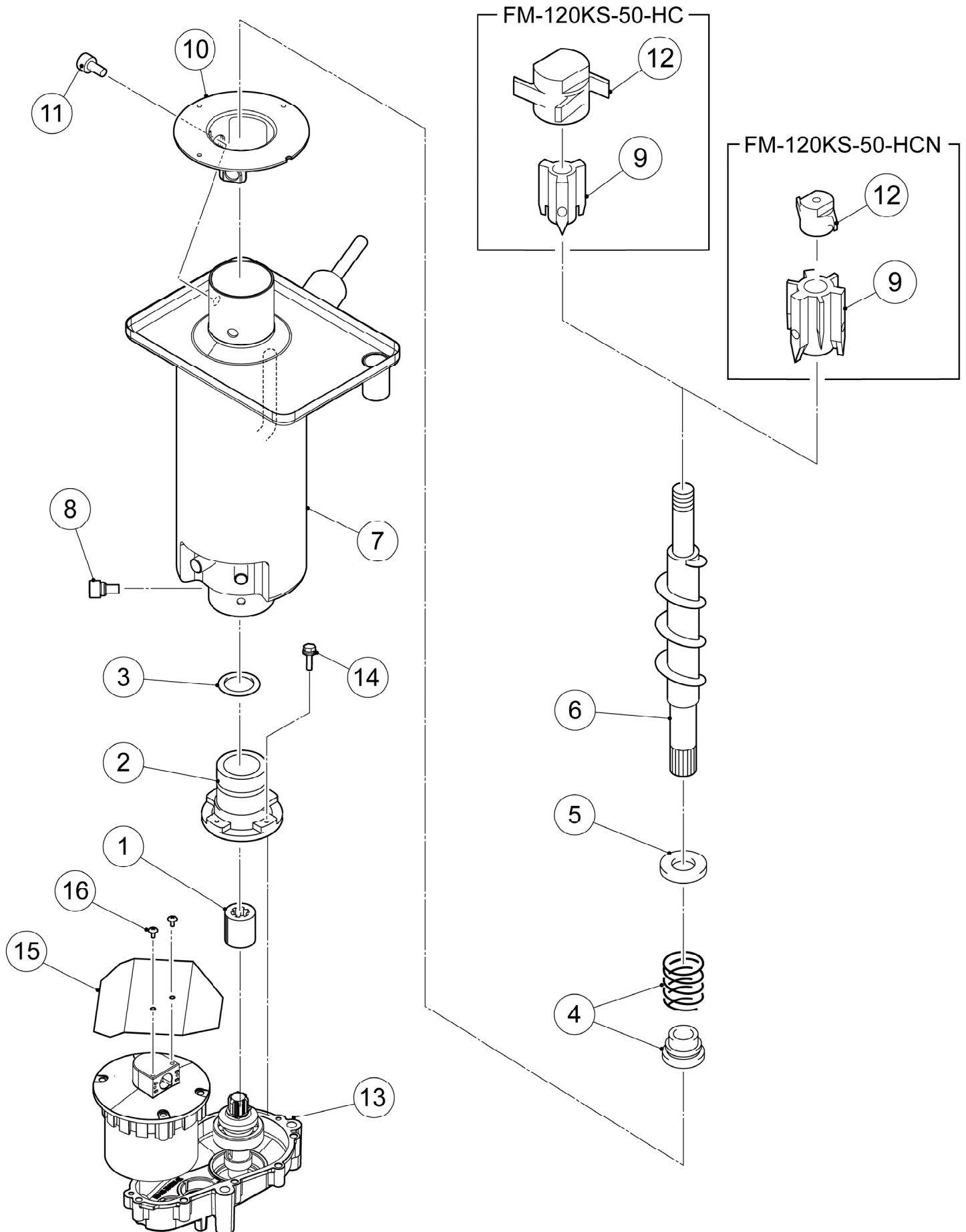
TITLE: **B. REFRIGERATION CIRCUIT**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
L	CONDENSER ASSY		2C1086A01	1				
M	FAN MOTOR ASSY		379865A02	1				
1	BASE		2C1336G01	1				
2	COMPRESSOR		P07002-01	1				
		F301-C161,-D161	P07565-01	1				
3	STARTING RELAY		P07059-01	1				
		F301-C161,-D161	P07567-01	1				
4	START CAPACITOR		P07060-01	1				
		F301-C161,-D161	P07566-01	1				
5	COVER ASSEMBLE		P07061-01	1				
6	BUSH CUSHION		450895-01	4				
7	GROMMET		450897-01	4				
8	BOLT		C05825-01	3				
9	CLIP		452256-01	-				
10	STARTING RELAY	117U7015	P04177-01	-				
11	COPPER TUBE(A) - HIGH SIDE		2C1270M01	1				
12	TEE		420041-03	-				
13	DRIER		P00026-01	1				
14	TIE		P05042-01	1				
15	PRESSURE SWITCH		459863-08	-				
16	HEAT EXCHANGER		2C1175G01	1				
17	REDUCER	9.52 x 8	421904-17	1				
18	PROCESS TUBE - LOW SIDE		4C0527-01	1				
19	INSULATION TUBE		Y71030300	1				
20	TIE	CV-100	7920-0028	-				
21	TIE	CV-150	7920-0003	7				
23	INSULATION TUBE		H71323130	-				
24	INSULATION TUBE		H71323B13	-				
26	INSULATION TUBE		H71020390	-				
27	NYLON TIE		7920-0010	1				
28	LOCKRING STOPPER		P01677-01	-				
29	BOLT		FBK0512F0	2				
30	VALVE COVER		3Y3196P01	1				

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TITLE: **B. REFRIGERATION CIRCUIT**

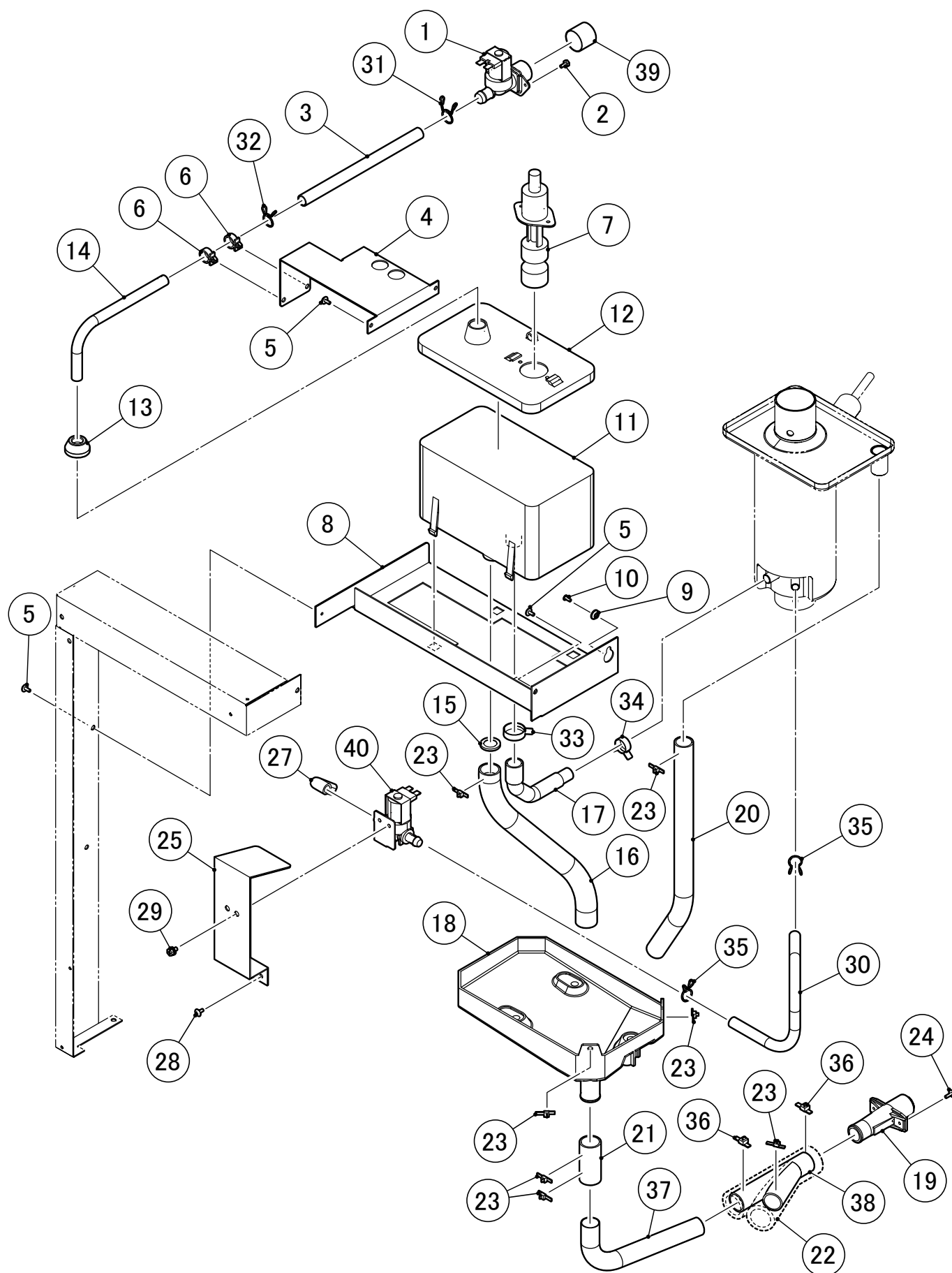
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
31	CLAMP		P00752-01	2				
32	HOLDER - EXPV		451267-01	1				
33	CLAMP		443461-01	1				
34	INSULATION TUBE		H73858B15	1				
35	REDUCER		421904-01	1				
36	EXPANSION VALVE	HFE-5KHD-2	P04179-01	1				
37	INSULATION TUBE		H71626130	-				
38	THERMISTOR - HOLDER		458132-0	1				



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TITLE: **C. ICE MAKING UNIT**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 Q-0	Q-1 and later			
1	COUPLING - SPLINE		418316-01	1	1			
2	HOUSING		383613G02	1	-			
			399797G02	-	1			
3	O-RING		7616-G040	1	1			
4	MECHANICAL SEAL		432491-03	1	1			
5	RING		432494-01	1	1			
6	AUGER		269909G01	1	1			
7	EVAPORATOR		241041G01	1	1			
8	SCREW		P01718-01	4	4			
9	EXTRUDING HEAD 45F	F301,F301-C002 F301-C003,-C121 F301-C122,-C161 F301-C471	287850G01	1	1			
	EXTRUDING HEAD(NUGGET)	F301-C001,-D002 F301-D003,-D121 F301-D122,-D161, F301-D471	287849G03	1	1			
10	FLANGE/45		464843-01	1	1			
11	SEAL BOLT - M8		P01768-01	3	3			
12	CUTTER	F301,F301-C002 F301-C003,-C121 F301-C122,-C161 F301-C471	427137-01	1	1			
	CUTTER	F301-C001,-D002 F301-D003,-D121 F301-D122,-D161, F301-D471	440905-01	1	1			
13	GEAR MOTOR ASSY		3C0953G01	1	1			
14	BOLT		458660-01	4	4			
15	BACKET/GM		4C0846M01	1	1			
16	TRUSS HEAD SCREW		FST0408S0	2	2			



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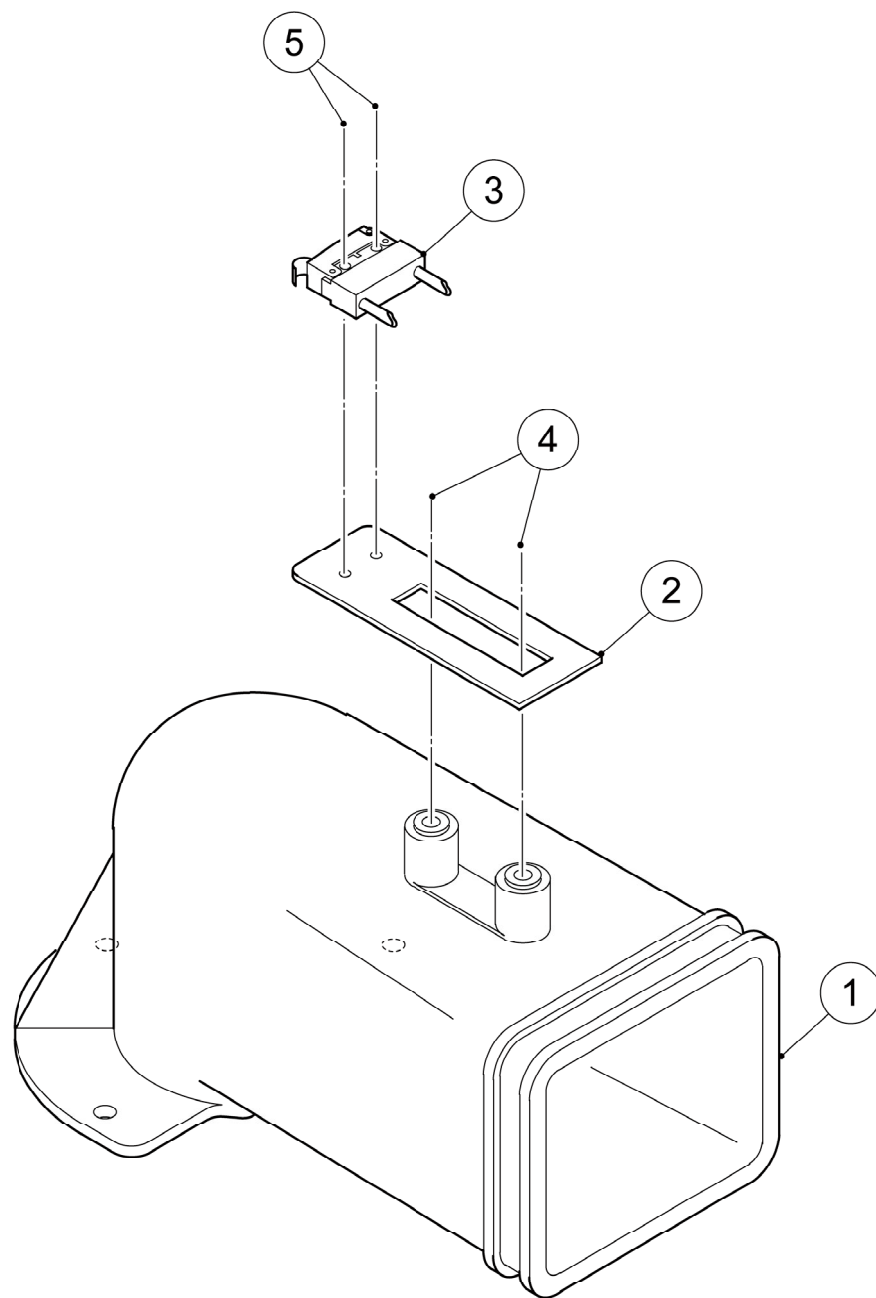
TITLE: **D. WATER CIRCUIT**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
1	WATER VALVE		P05353-01	1				
2	HEX HEAD BOLT		FBF0408S0	2				
3	SILICONE HOSE		4Y6912R12	1				
4	PIPE BRACKET		3C1087M01	1				
5	TRUSS HEAD MACHINE SCREW		FST0408F0	4				
6	CLAMP		428644-03	2				
7	FLOAT SWITCH		458279-01	1				
8	RESERVIOR BRACKET		3C1086M01	1				
9	TAPER COLLAR		4H0171-01	1				
10	RIVET	SSD43SSBS	7170-0005	1				
11	RESERVOIR		232626-01	1				
12	COVER - RESERVOIR		232627-01	1				
13	COVER - RESERVOIR INLET		415094-01	1				
14	WATER SUPPLY PIPE (A)		4C0548M01	1				
15	PACKING - FILTER		480202G01	-				
16	PVC Hose		Y12025300	1				
17	HOSE (A)		4E0024R01	1				
18	DRAIN PAN		261640P01	1				
19	DRAIN PIPE		321035-01	1				
20	PVC Hose		HD1923340	1				
21	PVC Hose		Y12025055	1				
22	INSULATION TUBE		H72636B18	1				
23	TIE	CV-150	7920-0003	7				
24	TRUSS HEAD TAPPING SCREW T2		FT20410S0	2				
25	BRACKET/WV		4C0547M01	1				
26	WATER VALVE		468655-01	-				
27	DRAIN PIPE		460263-01	1				
28	TRUSS HEAD MACHINE SCREW		FST0408S0	2				
29	HEX HEAD BOLT (SPRING WASHER)		FBK0510S0	2				
30	PVC Hose - FSA		HD0912240	1				
31	HOSE CLAMP		P05613-02	1				
32	HOSE CLAMP		P05613-01	1				
33	CLIP BAND		423866-08	1				
34	CLAMP		423866-04	1				

MODEL: **FM-120KE-50-HC**
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TITLE: **D. WATER CIRCUIT**

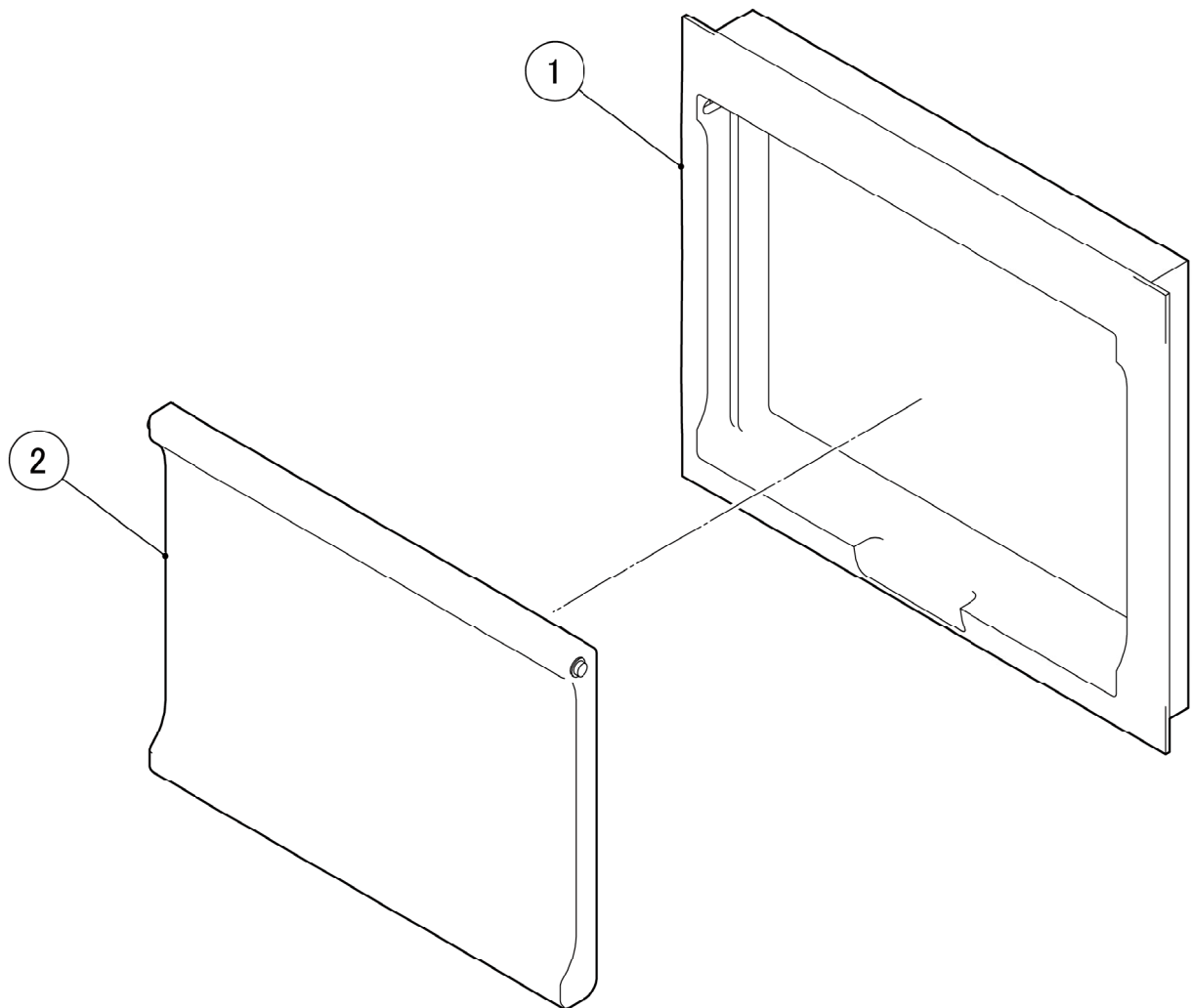
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
35	HOSE CLAMP		P05613-10	2				
36	NYLON TIE	CV-200	7920-0010	2				
37	DRAIN PIPE		476676M01	1				
38	DRAIN JOINT		358882-01	1				
39	CAP		417323-01	1				
40	WATER VALVE ASSY		4C0546G01	1				



MODEL: **FM-120KE-50-HC**
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TITLE: **E. SPOUT ASSY**

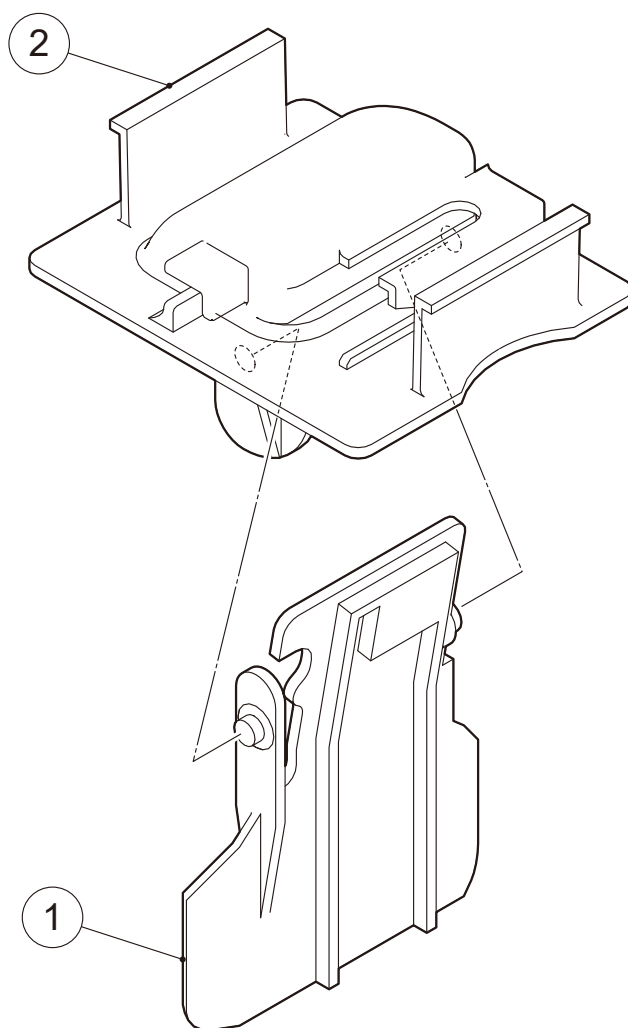
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
1	SPOUT		232636G01	1				
2	SWITCH BRACKET		466282-02	1				
3	MICRO SWITCH	ABS1624318	P04658-02	1				
4	(SPRING WASHER AND FLAT WASHER)		FSK0408S0	2				
5	(SPRING WASHER AND FLAT WASHER)		470416-01	2				



MODEL: **FM-120KE-50-HC**
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TITLE: **F. WINDOW PANEL ASSY**

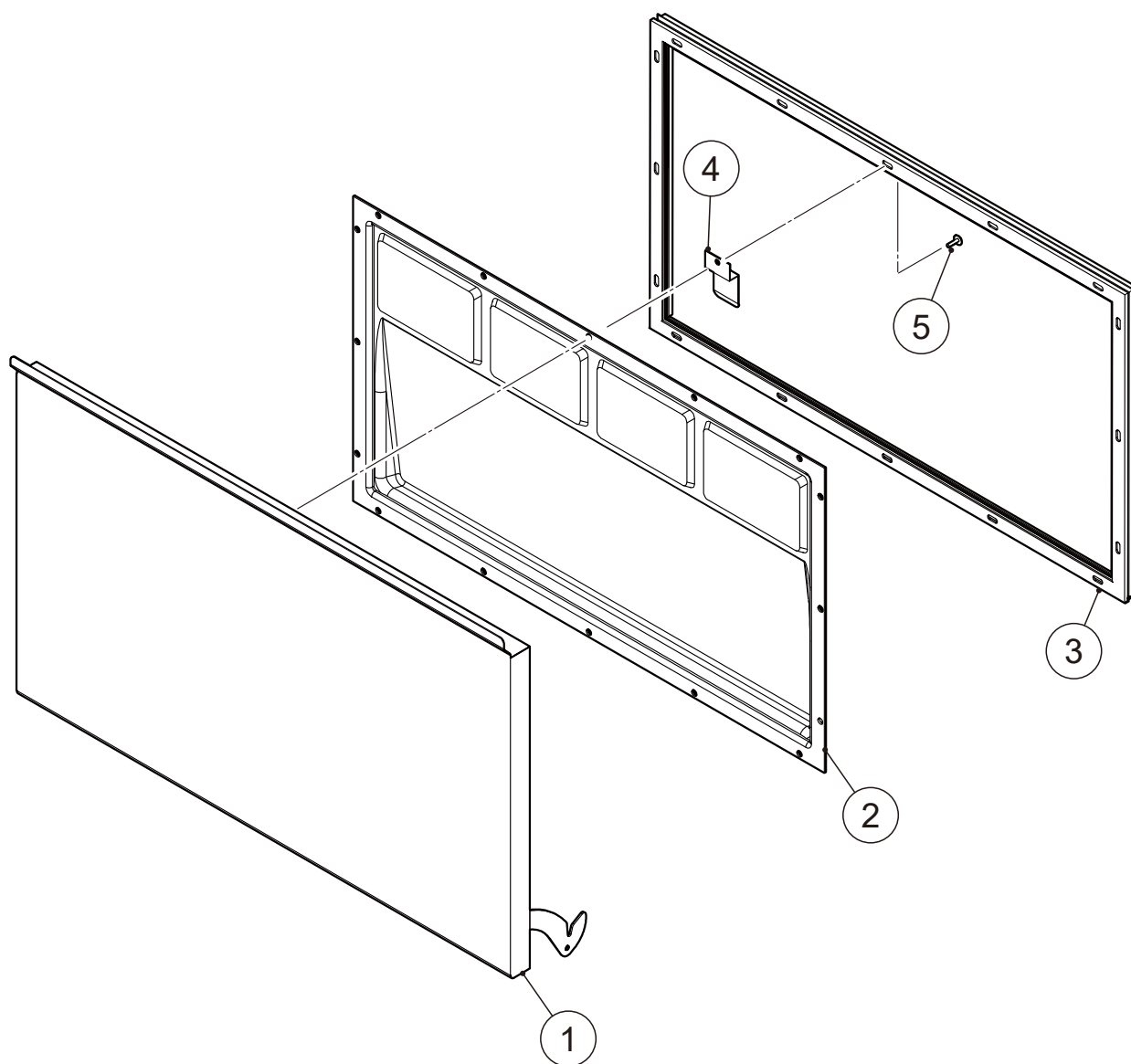
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
1	WINDOW FRAME		232648-01	1				
2	WINDOW PANEL		232649-03	1				



MODEL: **FM-120KE-50-HC**
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TITLE: **G. ACTUATOR ASSY**

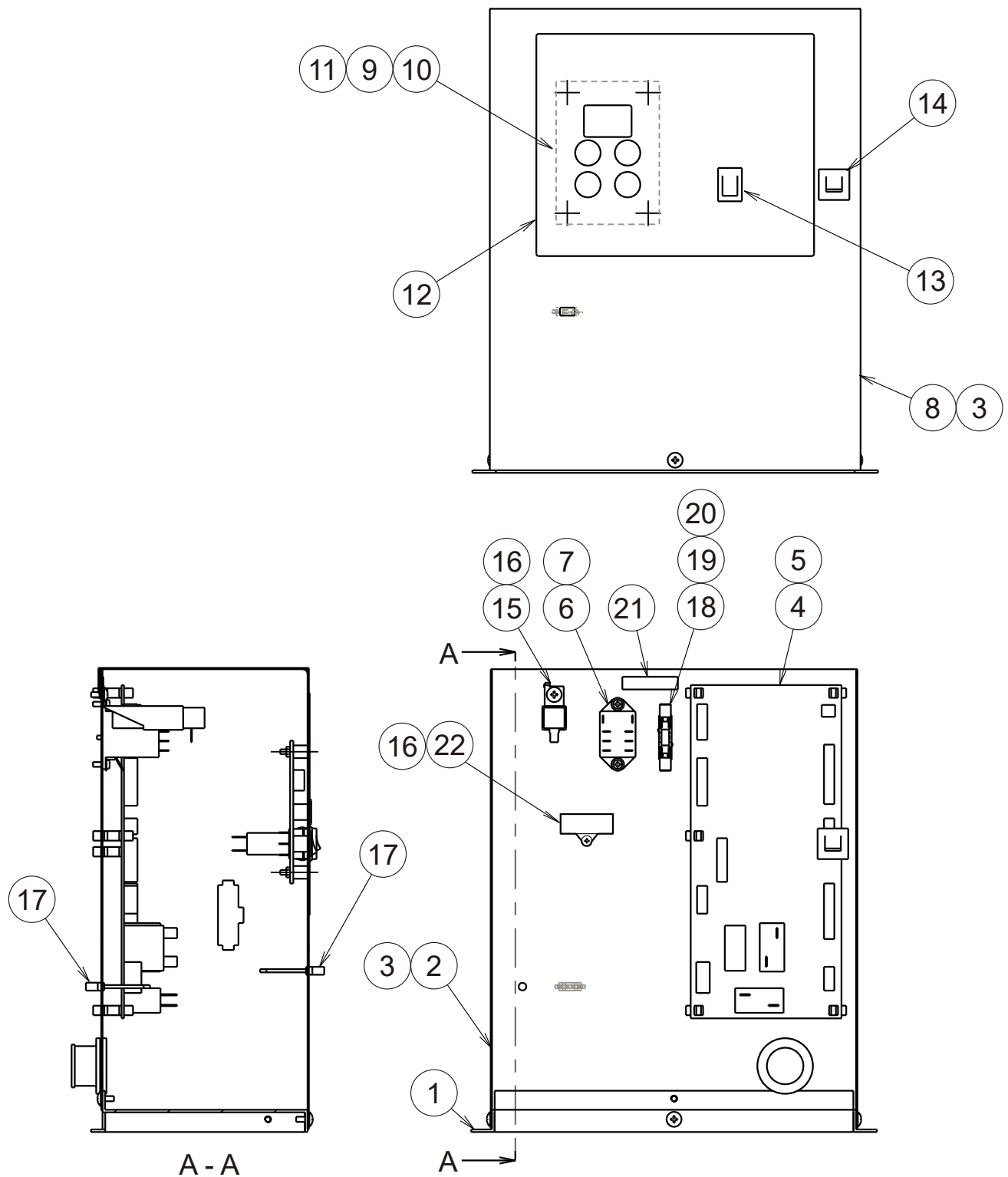
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
1	ACTUATOR		345878G01	1				
2	ACTUATOR BASE		345879-01	1				



MODEL: **FM-120KE-50-HC**
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TITLE: **H. DOOR ASSY**

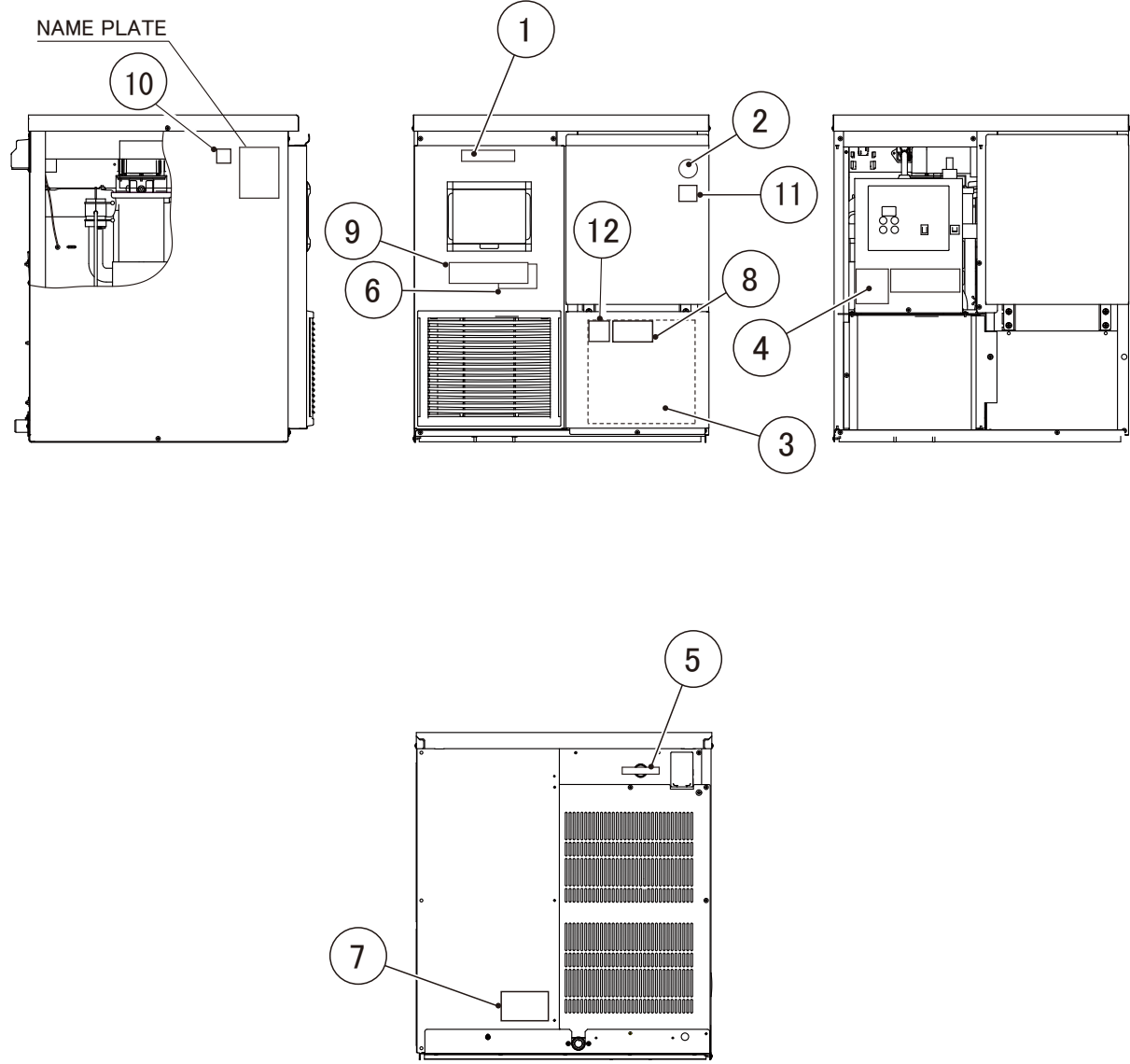
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
1	DOOR		3C1758G01	1				
2	REAR COVER		3C1958P01	1				
3	GASKET		312698-01	1				
4	CATCH - SLOPE		4H0439-01	1				
5	TRUSS HEAD TAPPING SCREW T2		FT20412M0	16				



MODEL: **FM-120KE-50-HC**
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TITLE: **J. CONTROL BOX ASSY**

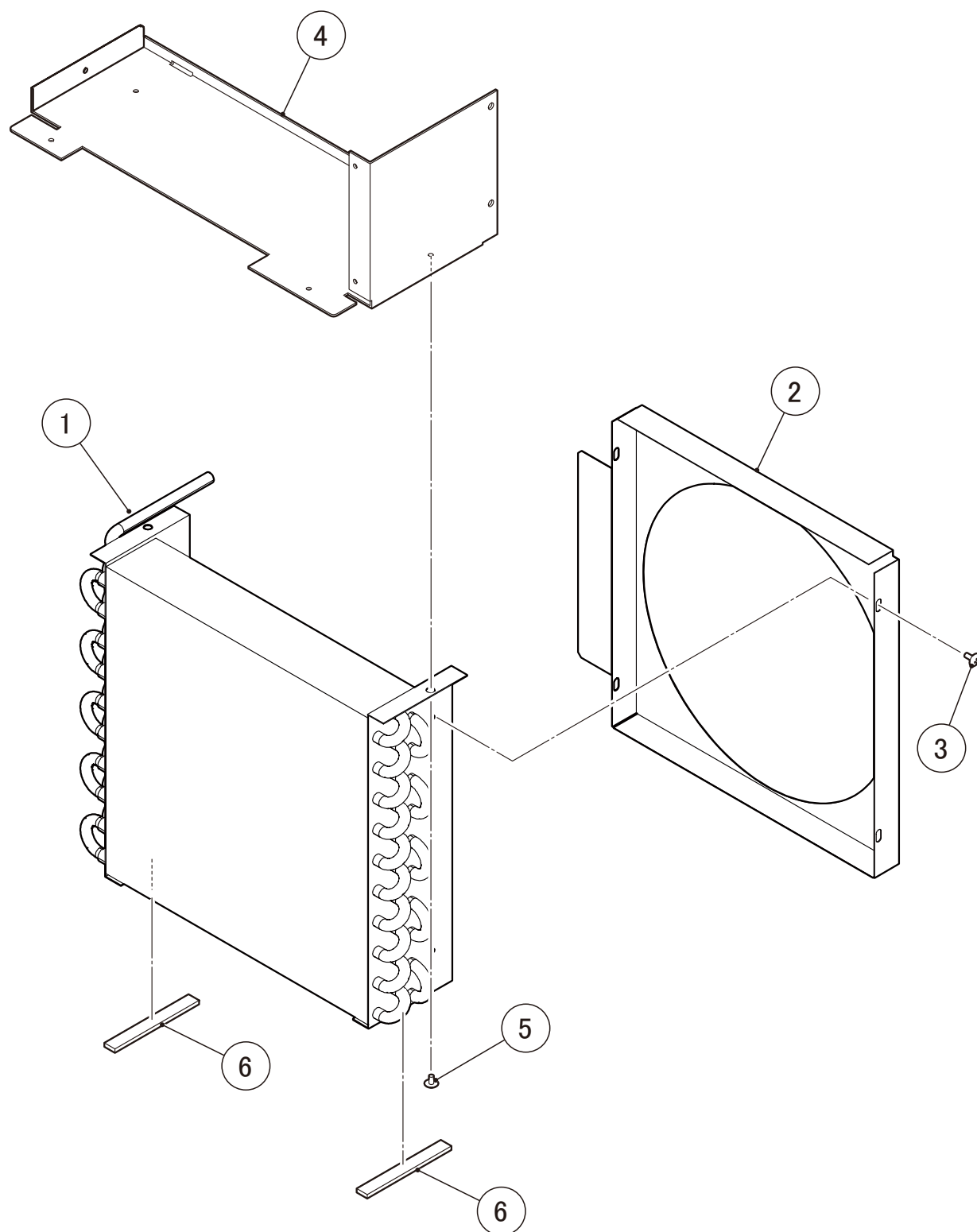
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 Q-0	Q-1 and later			
1	CONTROL BOX (A)		3C1088M01	1	1			
2	CONTROL BOX (B)		3C1089M01	1	1			
3	TRUSS HEAD MACHINE SCREW		FST0408F0	4	4			
4	CONTROLLER BOARD - 09CM		P01372-23	1	-			
			P07094-23	-	1			
5	BOARD SUPPORT	KGLS-6S	E00001-01	6	6			
6	RELAY	LY2F AC240V	406132-08	1	1			
7	TAPPING SCREW	3x8	431415-01	2	2			
8	COVER A - CONT.BOX		3C1206G01	1	1			
9	SPACER	4EP-9	451658-05	4	4			
10	OPERATION BOARD - 09CM		P01373-01	1	1			
11	NUT		FNH103S0	4	4			
12	CONTROL LABEL		3C1501L01	1	1			
13	ROCKER SWITCH		460681-01	1	1			
14	PROTECTOR	W28XQIA-6	440972-03	1	1			
15	SUREGE ABSORBOR		436573-02	1	1			
16	TRUSS HEAD MACHINE SCREW	SUS 4x8	FST0408S0	2	2			
17	WIRE RETAINER		427902-05	2	2			
18	FUSE HOLDER		P06075-01	1	1			
19	FUSE		451924-02	1	1			
20	PAN HEAD TAPPING SCREW T2		FT50308F0	1	-			
			FT50308M0	-	1			
21	LABEL/FUSE		4C0793L01	1	1			
22	CONDENSER		C06995-01	1	1			



MODEL: **FM-120KE-50-HC**
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TITLE: **K. LABEL LOCATION**

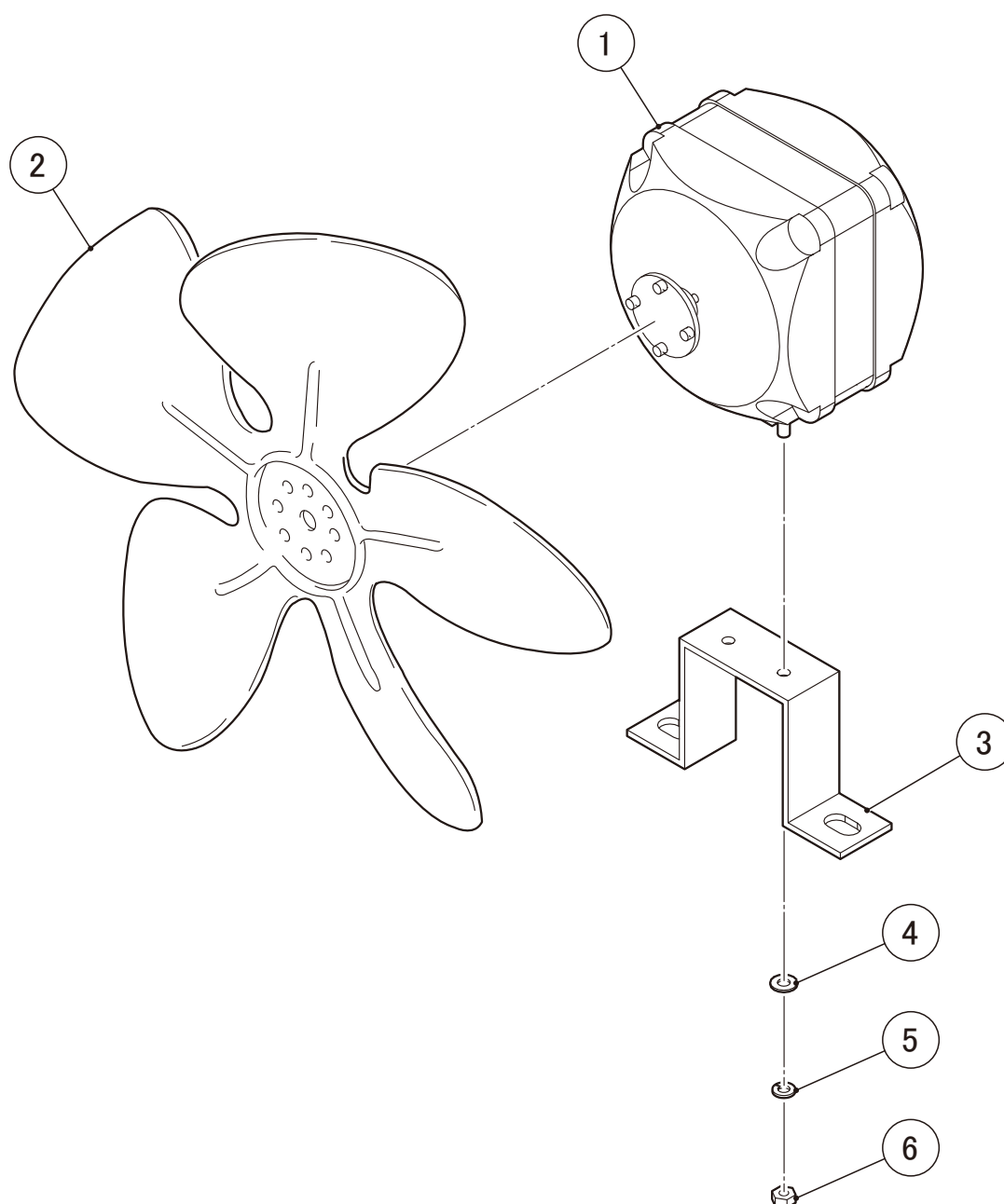
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
1	EMBLEM		340842-01	1				
2	LABEL-PENGUIN		468184-01	1				
3	WIRING LABEL	F301,F301-C001	2C1292L01	1				
		Except:F301,F301-C001	2C1447L01	1				
4	CAUTION LABEL - SERVICE		471180L01	1				
5	CAUTION-LABEL		452552-01	1				
6	LABEL-REPLACEMENT		3C1500L01	1				
7	CAUTION LABEL - CYCLOPENTANE		381437L01	1				
8	CAUTION LABEL - FIRE(A)		3J0417L01	1				
9	CAUTION LABEL - FIRE(B)		3J0418L01	1				
10	LABEL-REGULATION A	F301,F301-C001	482347L01	1				
11	LABEL-CFC AND HCFC FREE	F301-C002,-D002	482091L01	1				
12	LABEL - ADVISORY	F301-C121,-D121	399626L01	1				
13	LABEL - HACCP	F301-C002,-C003 F301-C121,-C122 F301-C161,-C471 F301-D002,-D003 F301-D121,-D161, F301-D122,-D471,	476519L01	1				



MODEL: **FM-120KE-50-HC**
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TITLE: **L. CONDENSER ASSY**

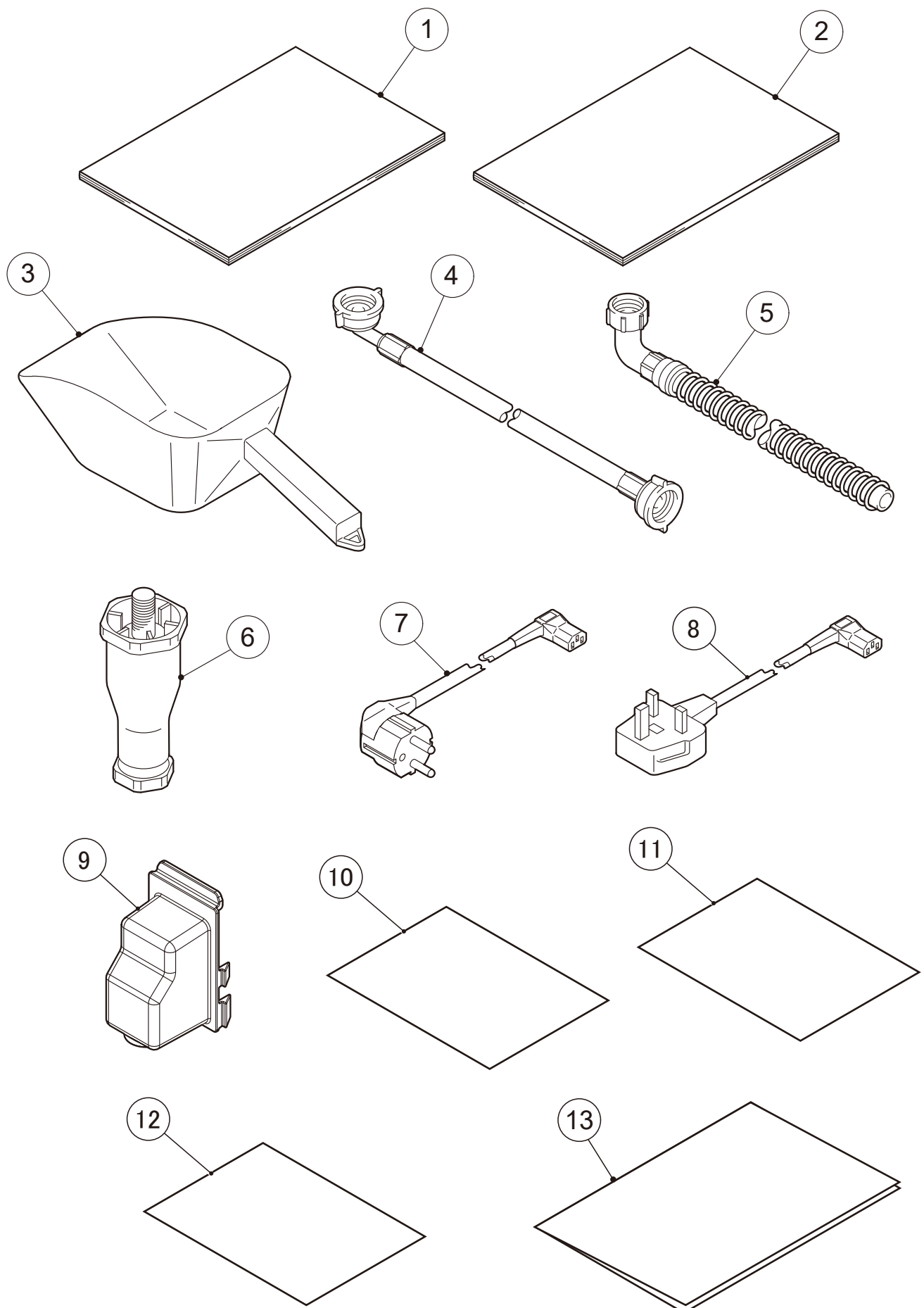
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				P-1 and later				
1	CONDENSER		P03160-01	1				
2	SHROUD		378721M01	1				
3	TRUSS HEAD TAPPING SCREW T2		FT20408F0	4				
4	BRACKET - CONTROL BOX		3C0935M01	1				
5	TRUSS HEAD MACHINE SCREW		FST0406F0	2				
6	SOFT TAPE		241780-06	2				



MODEL: **FM-120KS-50-HC**
FM-120KS-50-HCN

TITLE: **M. FAN MOTOR ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
1	FAN MOTOR	M4Q045-CA03-51	P00022-01	1				
2	FAN		P00031-01	1				
3	BRACKET - FM		4C0479M01	1				
4	FLAT WASHER		FWPL04S0	2				
5	SPRING WASHER		FWSP04S0	2				
6	NUT		FNH104S0	2				



MODEL: **FM-120KE-50-HC**
FM-120KE-50-HCN

TITLE: **N. ACCESSORIES**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				P-1 and later				
1	INSTRUCTION MANUAL		L1F300***	1				
2	INSTALLATION MANUAL		L2F114202	-				
3	SCOOP		208185-01	1				
4	INLET HOSE		P03534-01	1				
5	OUTLET HOSE		452365-01	1				
6	LEG		462576-02	4				
7	POWER SUPPLY CORD	CONT Plug	P03359-01	-				
8	POWER SUPPLY CORD	F301,F301-C001	P01960-01	1				
		F301-C002,-D002	P02794-01	1				
		F301-C003,-D003	P03994-01	1				
		F301-C121,-C122 -D121-,D122	P02795-01	1				
		F301-C471,-D471	C06074-01	1				
		F301-C161,-D161	C06039-01	1				
9	COVER-CONNECTOR		2X0271P01	1				
10	PE BAG (STANDARD)		7V90-0012	1				
11	POLYETHYLENE BAG (300*450)		7V90-0015	1				
12	PE BAG (STANDARD)		7V91-0020	1				
13	INSTRUCTION MANUAL		122234L01	1				