



REACH-IN REFRIGERATOR/FREEZER

HRF-78MB
HRF-78MB-S

[HSH] [HS]

R598
R598-C100

L-0 AUG.2021
M-2 MAY.2022
M-3 DEC.2022
N-1 DEC.2023
P-1 SEP.2024

Product Code		Spec	
HRF-78MB			
R598	Standard	R598-C100	Standard

HOSHIZAKI COMMERCIAL REFRIGERATOR/FREEZER	
MODEL NUMBER	HRF-78MB-S
SUPPLY VOLTAGE	230V~50Hz
AMPERAGE	4.3A
HEATING SYSTEM	426W
REFRIGERANT	(REFRIGERATOR) - (FREEZER) R404A/0.25kg
INSULATION BLOWING GAS	CYCLOPENTANE
CLIMATIC CLASS	T
WEIGHT	119kg
SERIAL NUMBER	
HOSHIZAKI (SUZHOU) CO., LTD. Designed by Hoshizaki in Japan Assembled by Hoshizaki Suzhou in China	

B10999J

 AUXILIARY CODE

AUXILIARY CODE

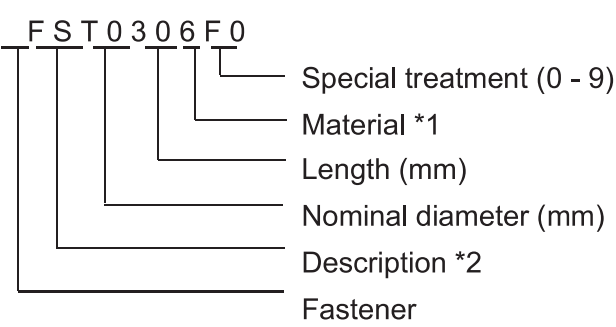
U - 1

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

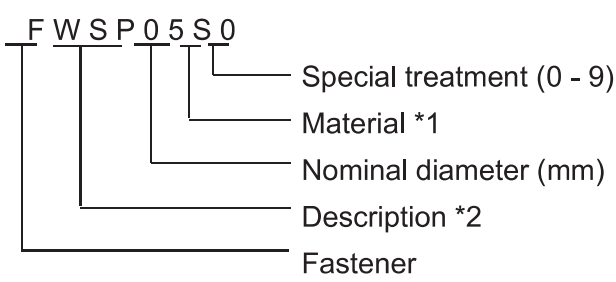
SCREWS



*1

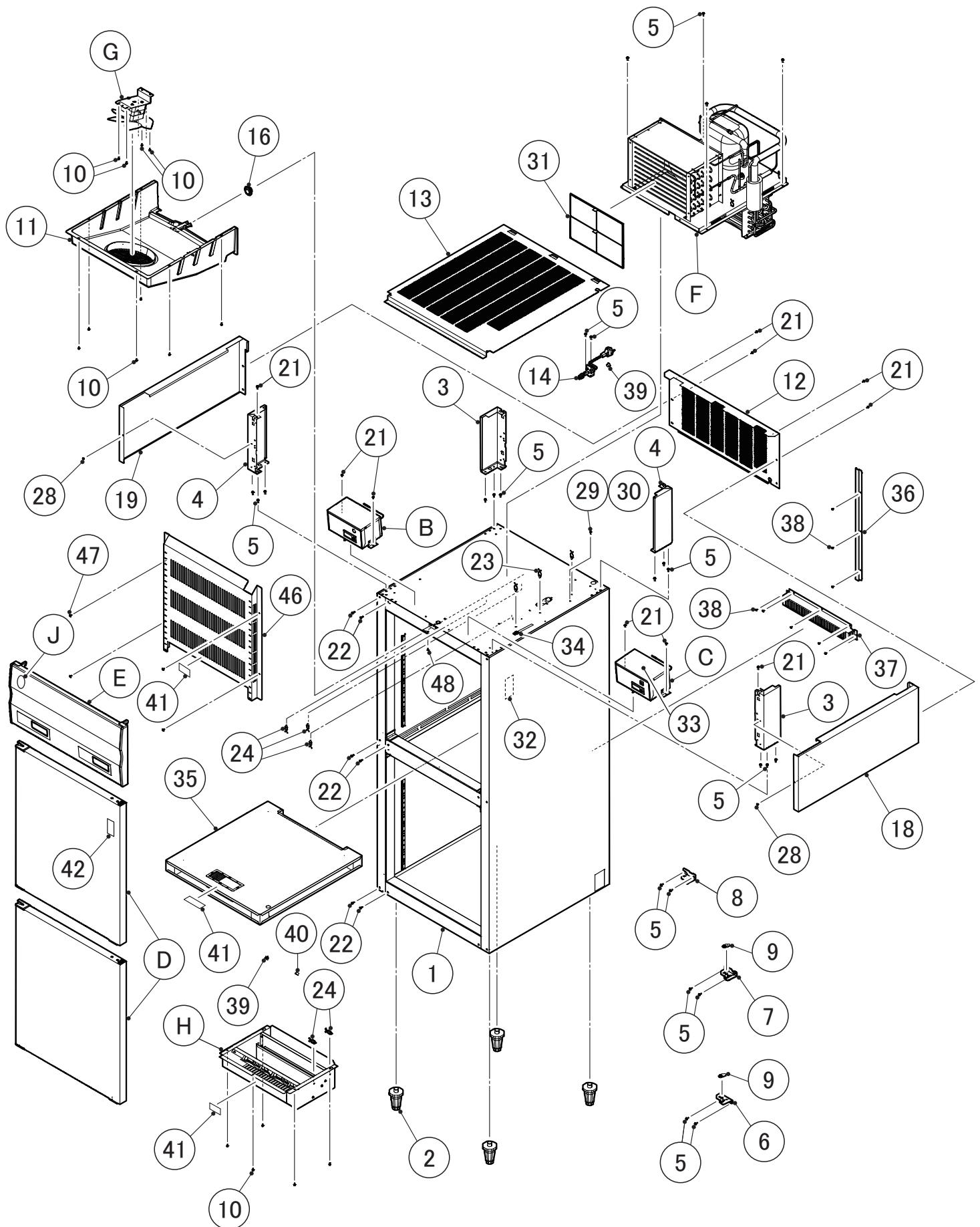
- F: Steel
- S: Austenitic stainless steel
- M: Martensitic stainless steel
- B: Copper alloy
- P: Polycarbonate
- N: Polyamide
- V: PVC
- A: ABS
- X: Polyacetal
- L: Aluminum

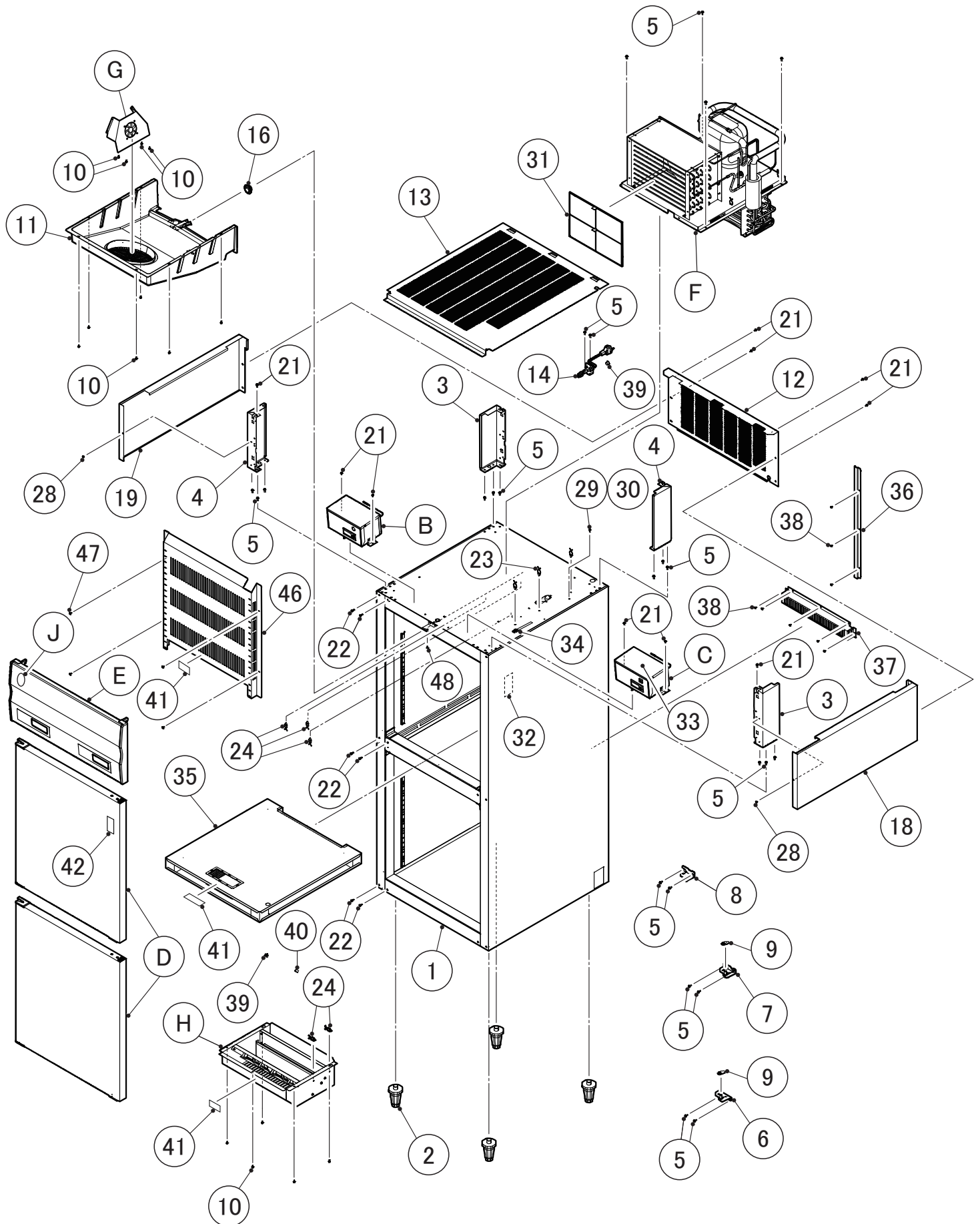
NUTS & WASHERS

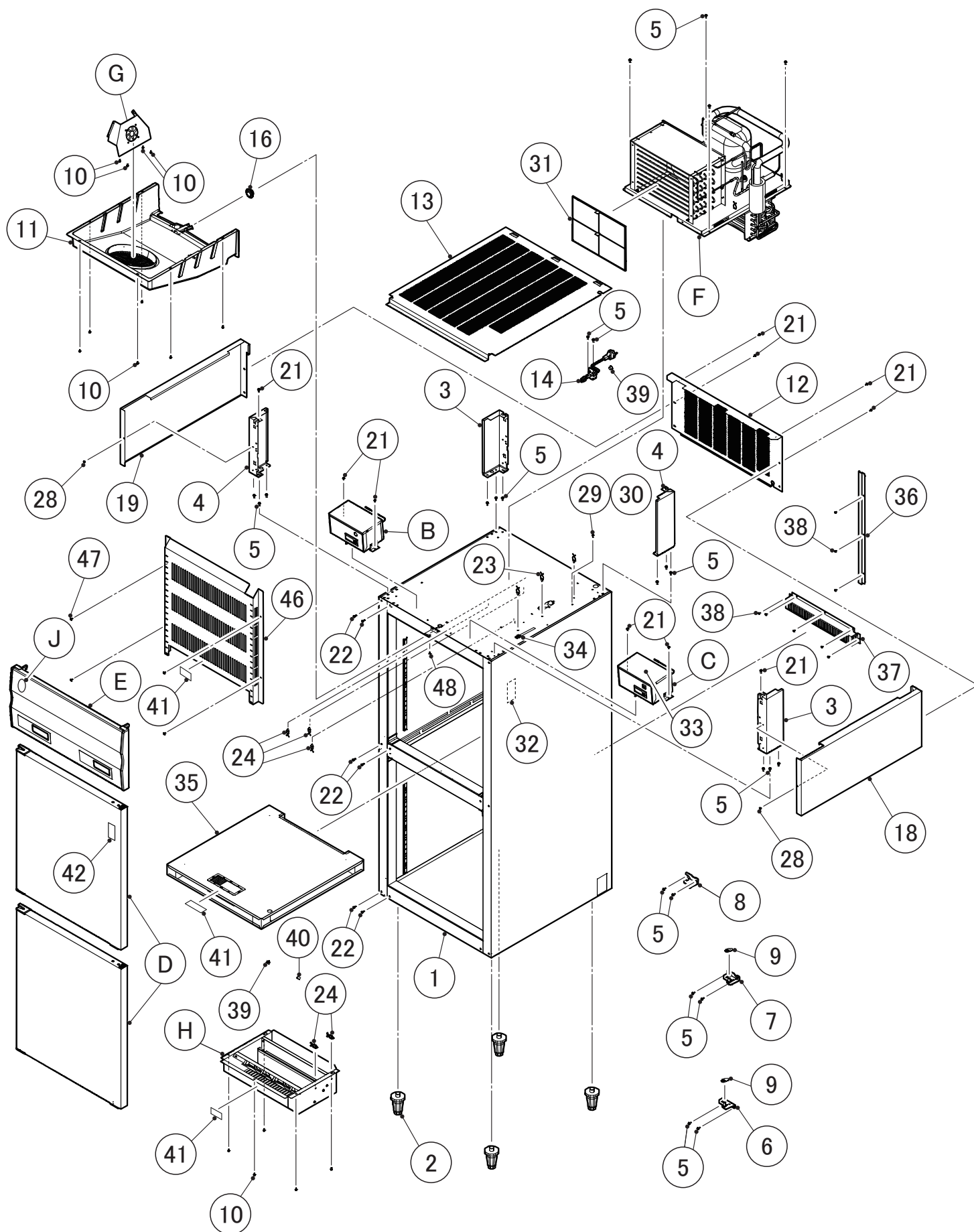


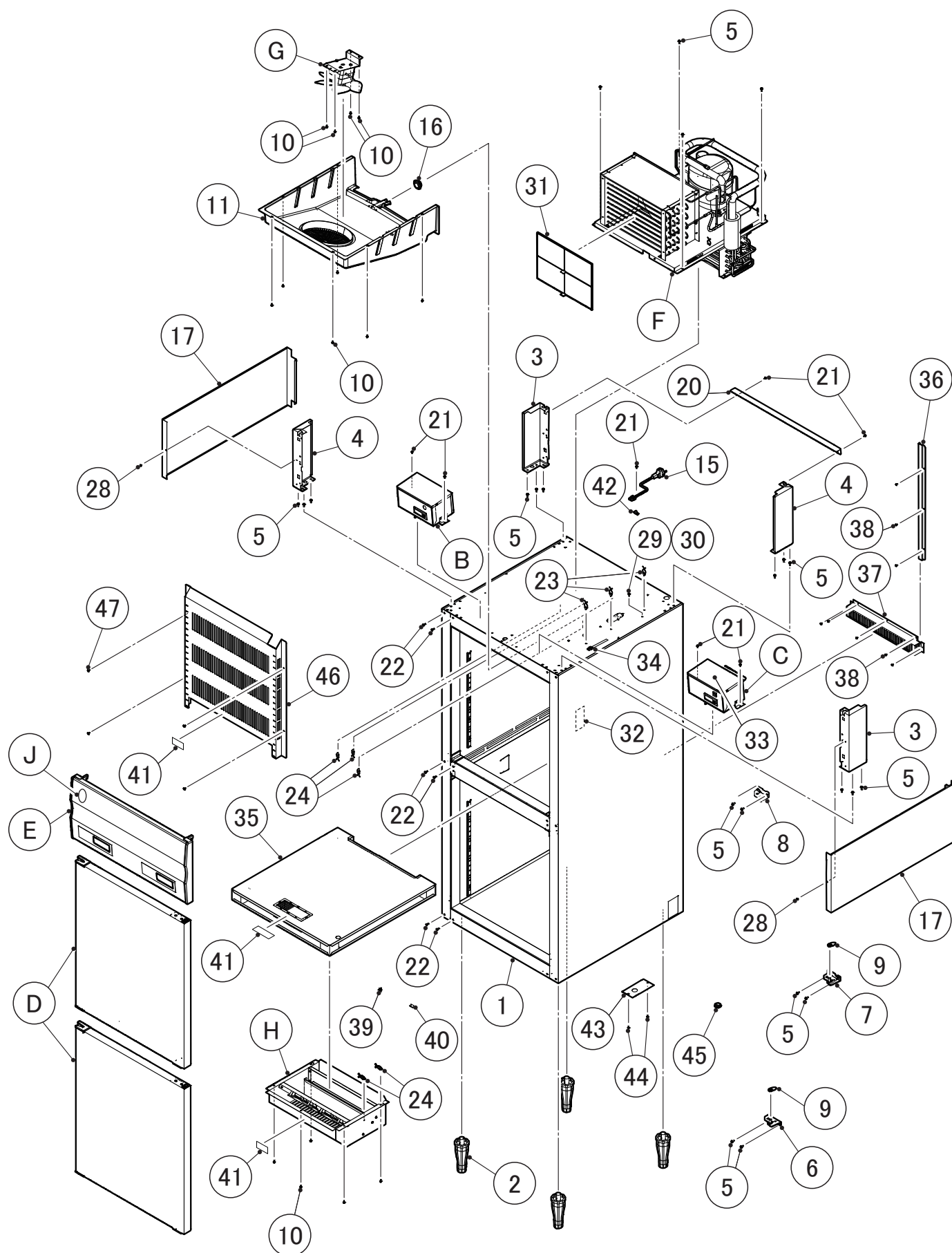
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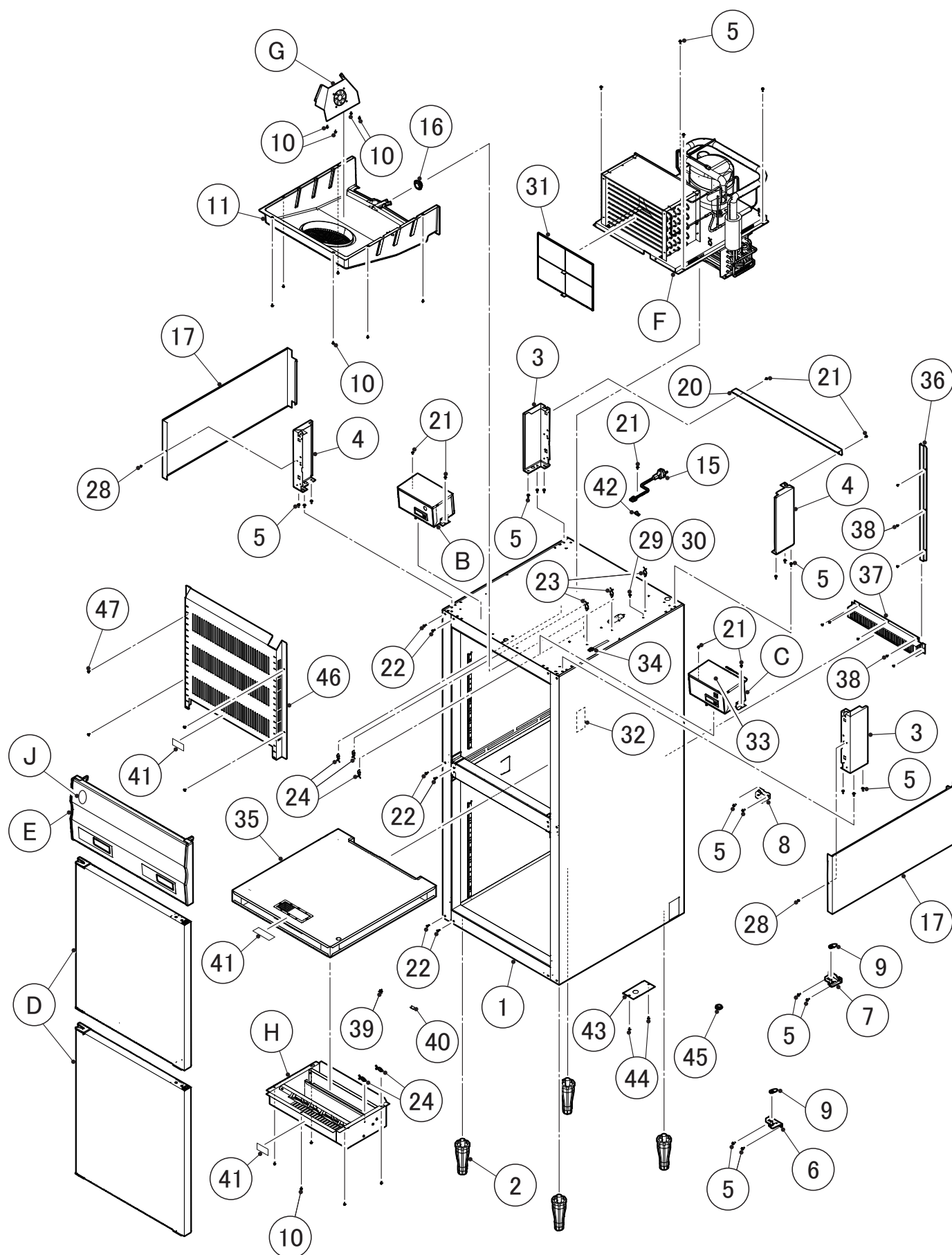
- First letter
- S: Machine screw
- T: Tapping screw
- M: Wood screw
- B: Bolt
- W: Washer
- N: Nut

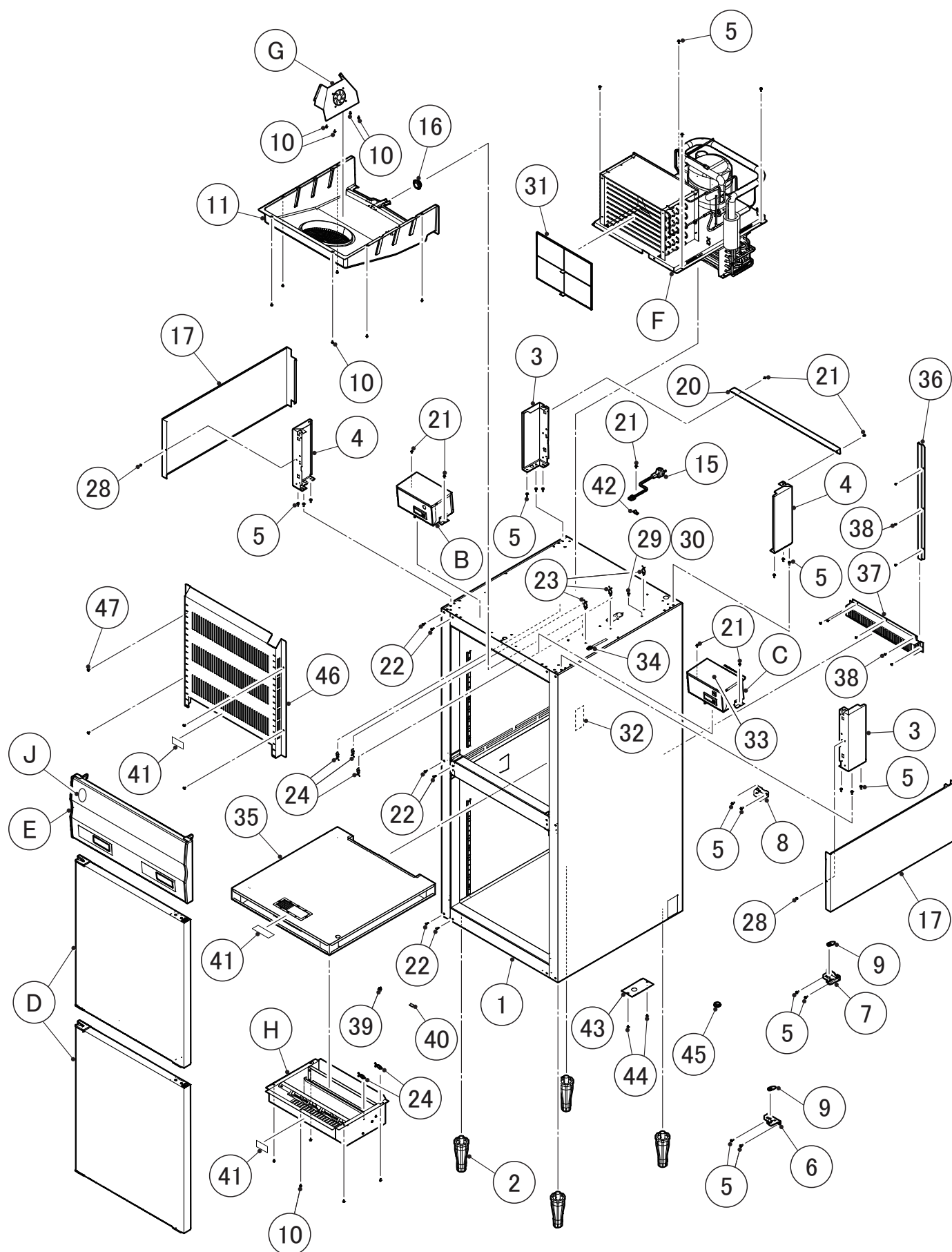












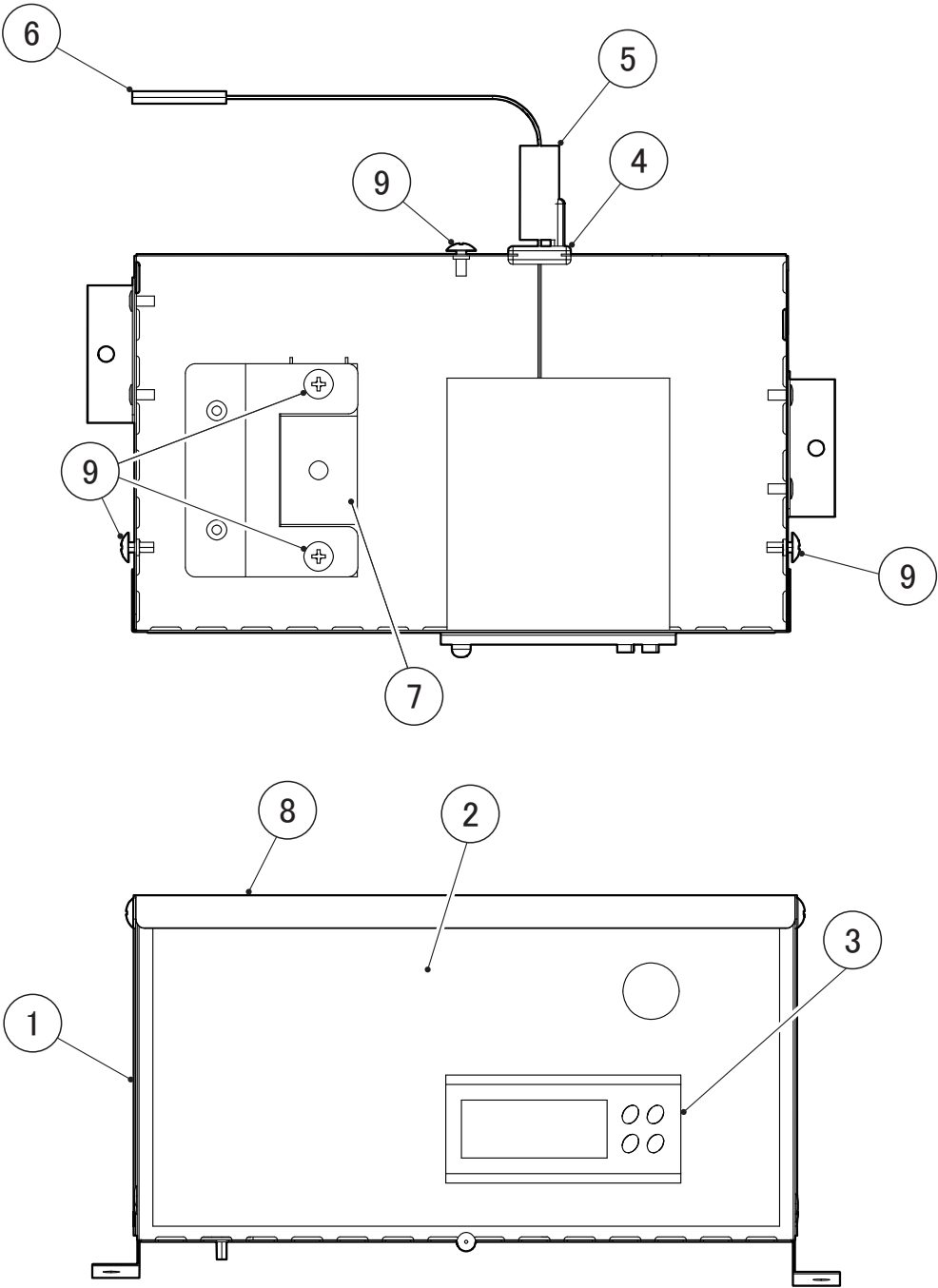
MODEL: HRF-78MB HRF-78MB-S			TITLE: A.REFIGERATOR ASSY					
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
B	CONTROL BOX ASSY (R-SIDE)	R598-C100	3C0152A02	1	1	1	1	1
		R598	3C0152002	-	1	1	1	1
C	CONTROL BOX ASSY (F-SIDE)	R598-C100	3C0071A07	1	1	1	1	1
		R598	3C0071002	-	1	1	1	1
D	DOOR R,AY	S-30223	274435A01	2	2	2	2	2
E	FRONT PANEL ASSY	R598	274725A02	1	1	1	1	1
		R598-C100	274725A01	1	1	1	1	-
			274725003	-	-	-	-	1
F	REFRIGERATION ASSY	S-32577	1C0031A01	1	1	1	1	1
G	FAN MOTOR AY		389473A02	1	1	-	-	1
			3C0296A01	-	-	1	-	-
			3C0296A02	-	-	-	1	-
H	DUCT AY		391117A01	1	1	-	-	1
			391117001	-	-	1	1	-
J	LABEL LOCATION	R598	263578003	1	1	1	1	1
K	LABEL LOCATION	R598-C100	266088A02	1	1	1	1	-
			266088002	-	-	-	-	1
L	ACCESSORIES	R598	A03608006	1	1	1	1	1
M	ACCESSORIES	R598-C100	A03608008	1	1	1	1	1
1	BODY	R598	1C0223G01	1	1	1	1	1
		R598-C100	1C0223G02	1	1	1	1	1
2	LEG	R598	P04879-01	4	4	4	4	4
		R598-C100	P05012-01	4	4	4	4	4
3	GRIP(A)		260268M01	2	2	2	2	2
4	GRIP(B)		260269M01	2	2	2	2	2
5	FLANGE BOLT (S-TITE)	R598	P02005-01	24	24	24	24	24
		R598-C100		22	22	22	22	22
6	DOOR HINGE (R) , LO		375316G01	1	1	1	1	1
7	DOOR HINGE (R) , CT		375317G01	1	1	1	1	1
8	DOOR HINGE (R) , UP		375315G01	1	1	1	1	1
9	HINGE COLLAR - HINGE		339948-01	2	2	2	2	2
10	HEX HEAD BOLT SW		FBK0410S0	19	19	19	19	19
11	AIR DUCT(G) - F		2C0070G01	1	1	1	1	1
12	REAR COVER	R598	269177M01	1	1	1	1	1
13	TOP COVER	R598	279140M01	1	1	1	1	1
14	POWER SUPPLY CORD - CHINA	R598	484456G01	1	1	1	1	1
15	POWER SUPPLY CORD -HS	R598-C100	476116G01	1	1	1	1	1
16	GASKET - DORAIN ELBOW		475688R01	1	1	1	1	1

MODEL: HRF-78MB HRF-78MB-S				TITLE: A.REFIGERATOR ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
17	SIDE PANEL	R598-C100	375190M02	2	2	2	2	2
18	SIDE PANEL (R)	R598	382770M02	1	1	1	1	1
19	SIDE PANEL (L)	R598	382771M02	1	1	1	1	1
20	CHANNEL - 70	R598-C100	375098M01	1	1	1	1	1
21	FLANGE BOLT (S-TITE)	R598	445994-05	12	14	14	14	14
		R598-C100		7	7	7	7	7
22	HOLE PLUG		463980-01	6	6	6	6	6
23	CLAMP		427902-05	3	3	3	3	3
24	CLAMP		427902-03	5	5	5	3	3
25	BAG		485815P01	5	5	5	5	5
26	WIRE HARNESS - HRF78		279936Z01	1	1	1	1	1
27	WIRE HARNESS - CAPACITOR		378247G01	1	1	1	1	1
28	S-TITE TRUSS HEAD SCREW		FTS0406M0	2	2	2	2	2
29	SPRING WASHER		FWSP04S0	1	1	1	1	1
30	TRUSS HEAD SCREW		FST0412S0	1	1	1	1	1
31	AIR FILTER		390730G01	1	1	1	1	1
32	NAME PLATE	R598	387527L05	1	1	1	1	1
		R598-C100	484822L06	1	1	1	1	1
33	WIRING LABEL	R598	279901L01	1	1	1	1	1
		R598-C100	280321L01	1	1	1	1	1
34	HARNESS (F) - DUCT		475891G01	1	1	1	1	1
35	SEPARATOR		3C0105G01	1	1	1	1	1
36	COVER - CORD		391240M01	1	1	1	1	1
37	COVER - DUCT		391199M01	1	1	1	1	1
38	T2 TRUSS HEAD SCREW		FT20408S0	8	8	8	8	8
39	CLAMP		463936-01	1	1	1	1	1
40	BUSHING		428394-03	1	1	1	1	1
41	LABEL/ATTENTION	R598	486547L01	3	3	3	3	3
		R598-C100	486545L01	3	3	3	3	3
42	NYLON CLAMP		418814-04	1	1	1	1	1
43	COVER	R598-C100	386702M01	1	1	1	1	1
44	T2 TRUSS HEAD SCREW	R598-C100	FT20408M0	2	2	2	2	2
45	GROMMET	R598-C100	410666-05	1	1	1	1	1
46	DUCT B		2C0383M01	1	1	1	1	1
47	TRUSS HEAD SCREW	R598	FST0408S0	5	5	5	5	5
		R598-C100		4	4	4	4	4
48	POP RIVET		7170-0006	2	-	-	-	-

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B. CONTROL BOX ASSY

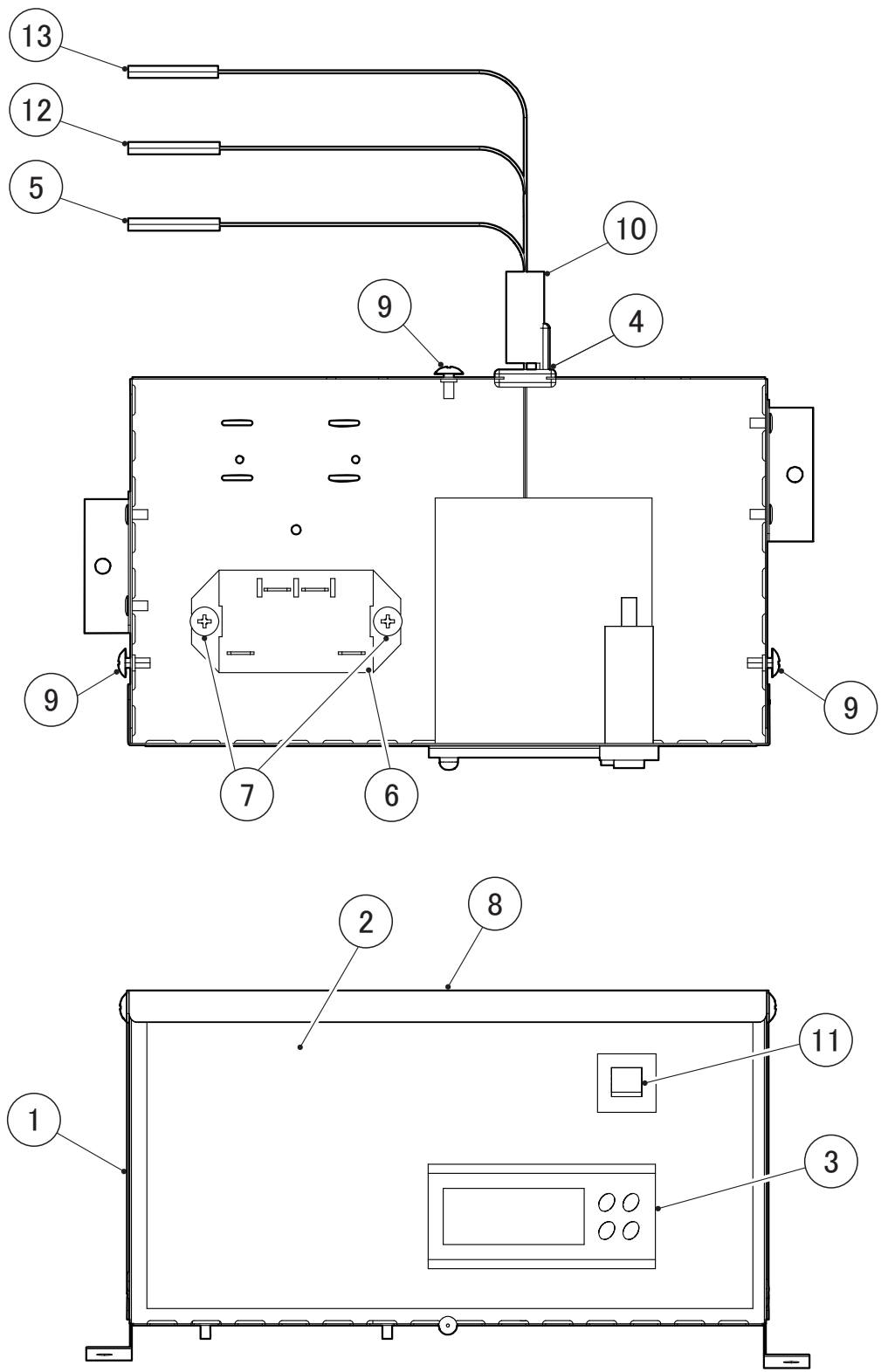
(L-0) and later



MODEL: **HRF-78MB**
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TITLE: **B.CONTROL BOX ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	CONTROL BOX-(G)		3C0151G01	1	1	1	1	1
2	CONTROL LABEL		3C0153L01	1	1	1	1	1
3	CONTROLLER	R598-C100	4C0128G05	1	1	1	1	1
		R598	4C0128G09	-	1	1	1	1
4	BUSH		4C0219R01	1	1	1	1	1
5	VINYL TUBE - UL		4C0050Z01	1	1	1	1	1
6	TERMISTOR	R598-C100	P04878-02	1	1	-	-	-
			C06414-04	-	-	1	1	1
		R598	P06127-02	-	1	1	1	1
7	THERMOSTAT		P05645-01	1	1	1	1	1
8	COVER - CONTROL BOX		375400M01	1	1	1	1	1
9	TRUSS HEAD SCREW		FST0408S0	5	5	5	5	5



MODEL: **HRF-78MB**
HRF-78MB-S

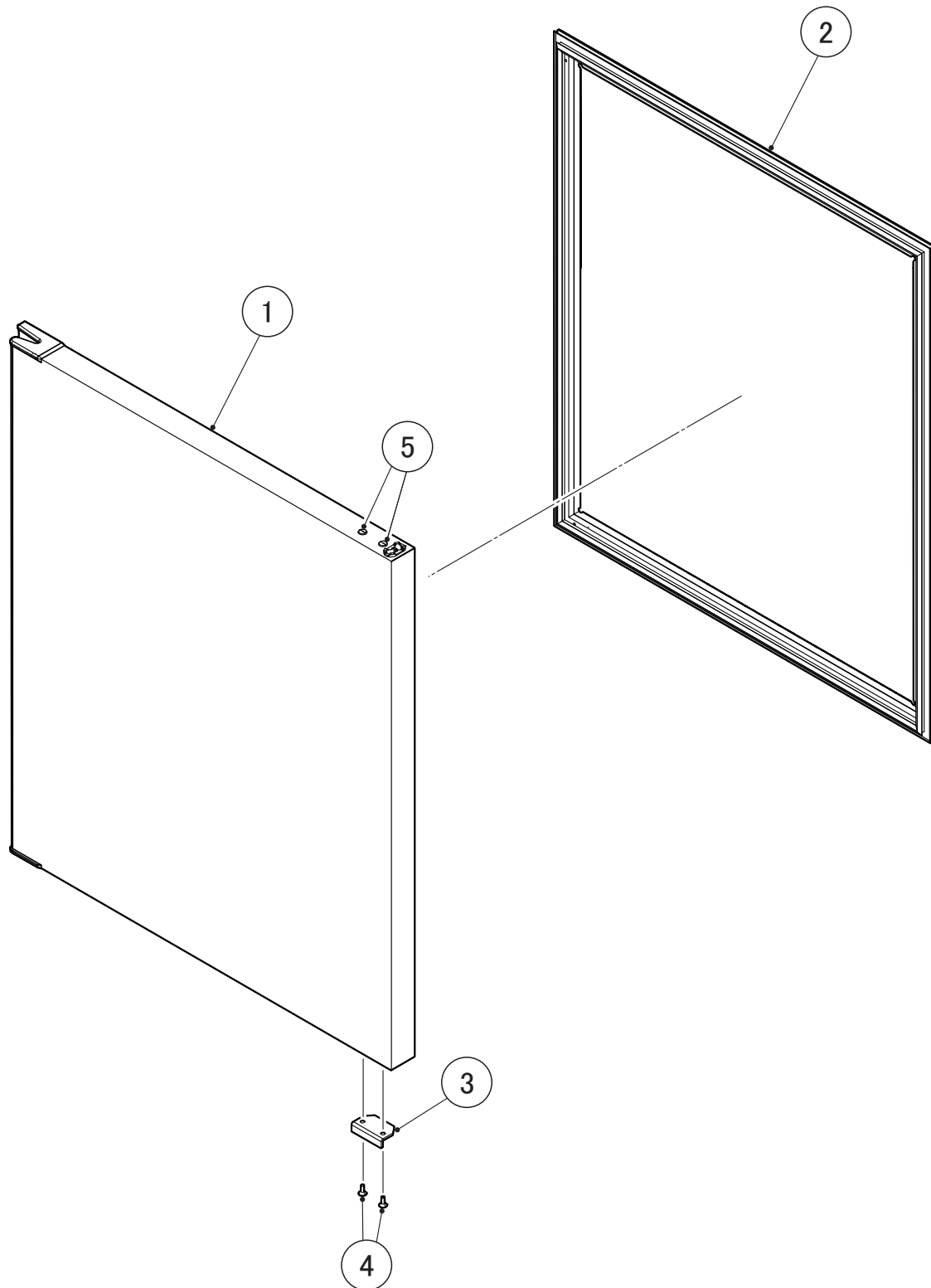
TITLE: **C.CONTROL BOX ASSY**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	CONTROL BOX-(G)		375399G01	1	1	1	1	1
2	CONTROL LABEL		3C0153L01	1	1	1	1	1
3	CONTROLLER	R598-C100	4C0128G06	1	1	1	1	1
		R598	4C0128G10	-	1	1	1	1
4	BUSH		4C0219R01	1	1	1	1	1
5	TERMISTOR	R598-C100	P04878-01	1	1	-	-	-
			C06414-01	-	-	1	1	1
		R598	P06127-01	-	1	1	1	1
6	POWER RELAY		C06306-01	-	1	1	1	1
7	T2 TRUSS HEAD SCREW		FT20408F0	2	2	2	2	2
8	COVER-CONTROL BOX		375850M01	1	1	1	1	1
9	TRUSS HEAD SCREW		FST0408S0	3	3	3	3	3
10	VINYL TUBE - UL		4C0050Z01	1	1	1	1	1
11	PROTECTOR		440972-07	1	1	1	1	1
12	TERMISTOR	R598-C100	P04878-02	1	1	-	-	-
			C06414-02	-	-	1	1	1
		R598	P06127-02	-	1	1	1	1
13	TERMISTOR	R598-C100	P04878-03	1	1	-	-	-
			C06414-03	-	-	1	1	1
		R598	P06127-03	-	1	1	1	1

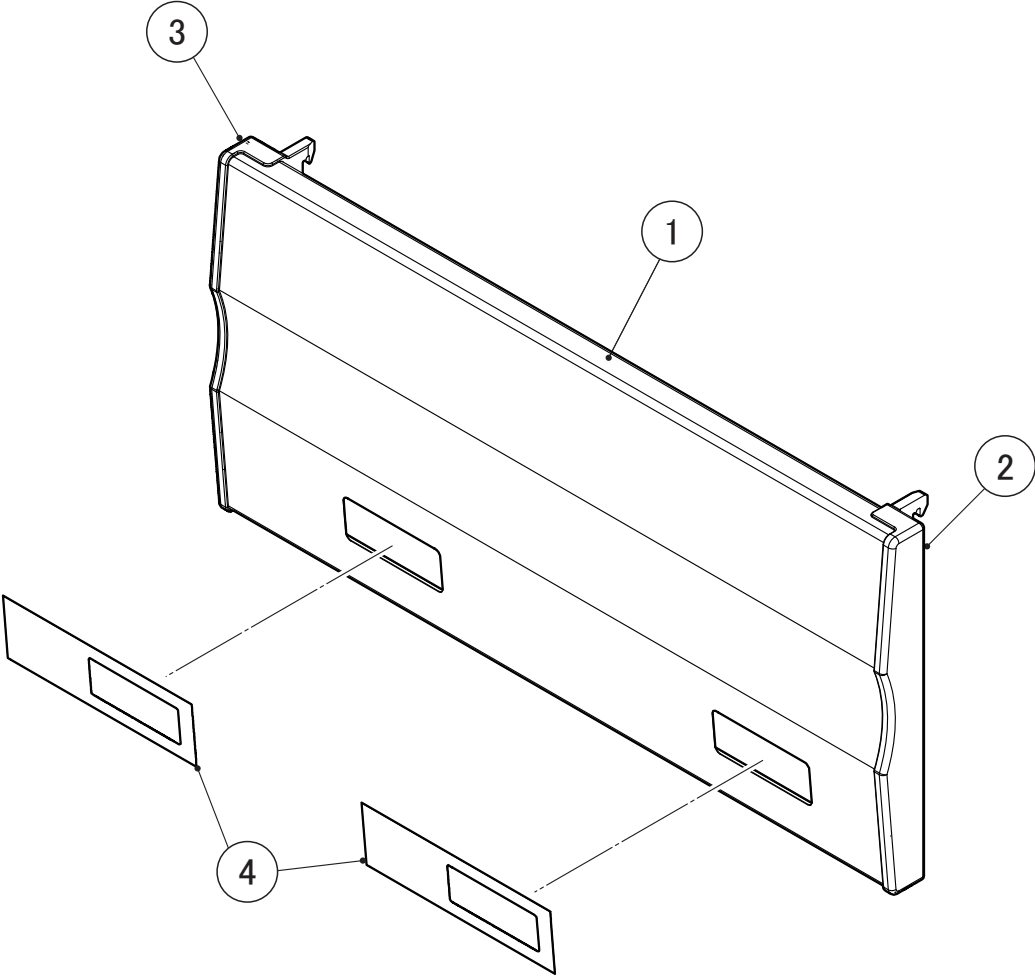
HRF-78MB
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D. DOOR R, ASSY

(L-0) and later



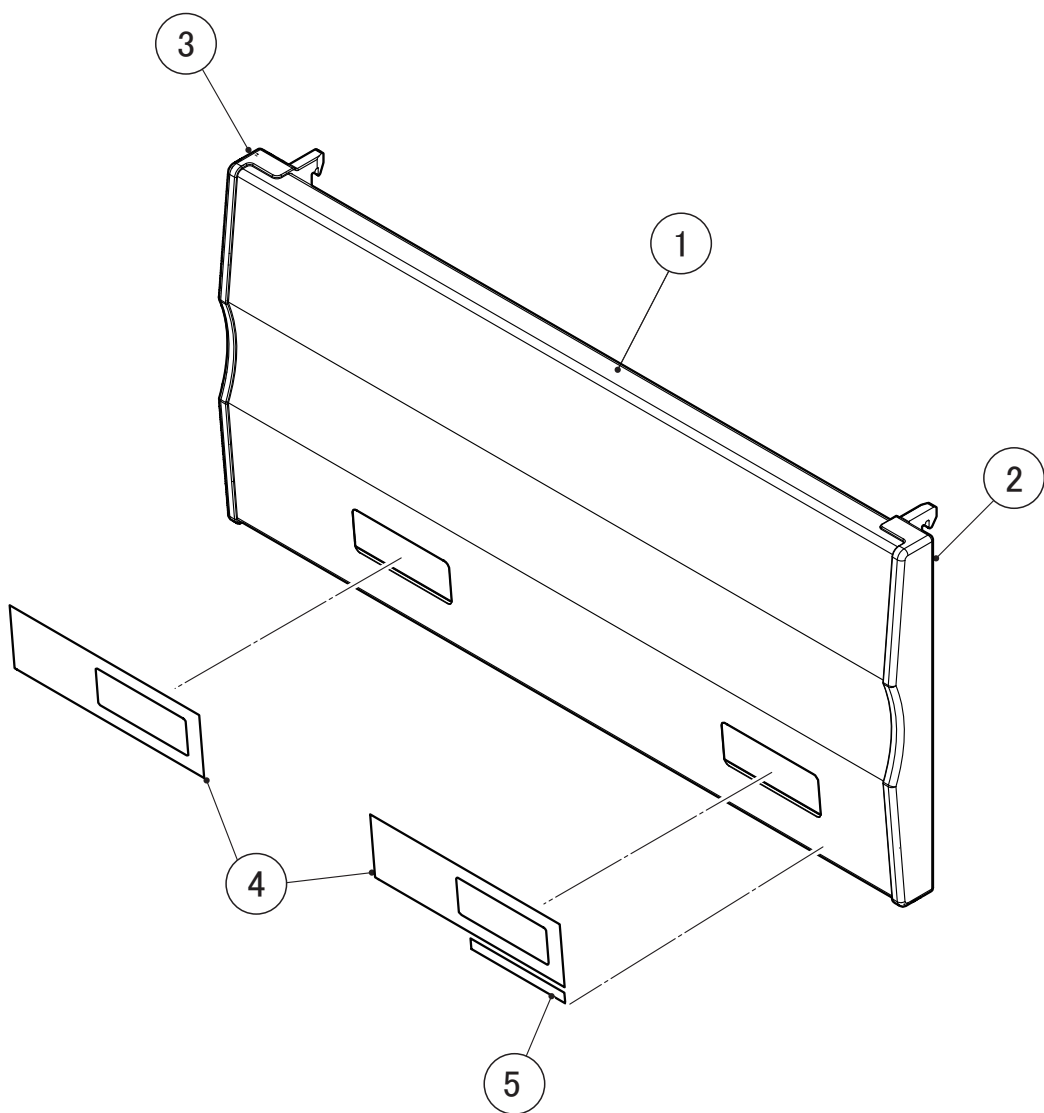
MODEL: HRF-78MB HRF-78MB-S				TITLE: D.DOOR R,ASSY(S-30223)				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	DOOR - INSULATION		274178G01	1	1	1	1	1
2	DOOR GASKET - HD		260225G01	1	1	1	1	1
3	DOOR STOPPER		454210-01	1	1	1	1	1
4	FLAT HEAD TAPPING SCREW (S-TITE)		FTF0512M0	2	2	2	2	2
5	HOLE PLUG		463980-01	2	2	2	2	2



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E. FRONT PANEL ASSY

(L-0) and later

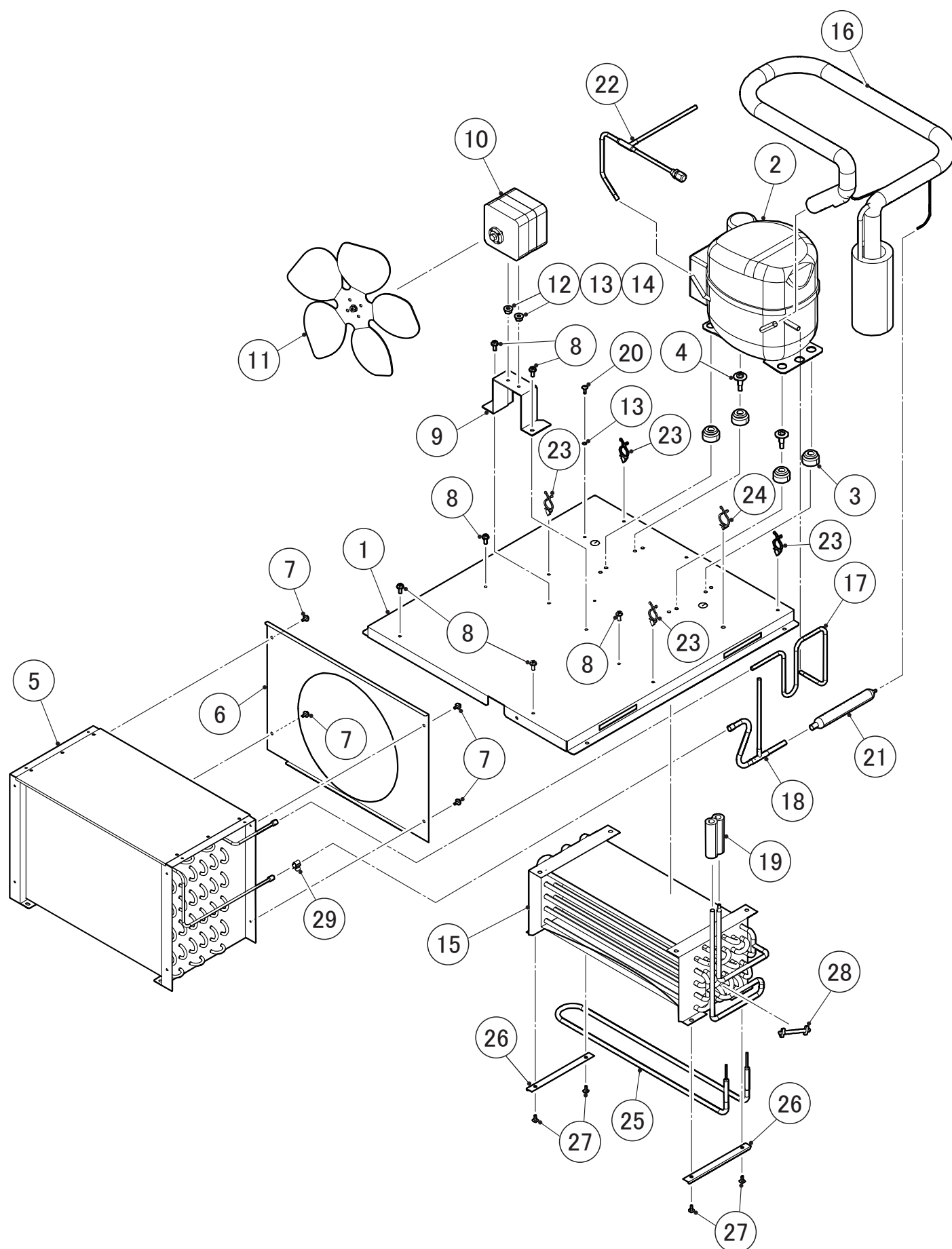


MODEL: HRF-78MB HRF-78MB-S TITLE: E.FRONT PANEL ASSY(S-32600)								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	FRONT PANEL - 70	S-32600	274730M03	1	1	1	1	1
			274730M01	1	1	1	1	-
			274730M02	-	-	-	-	1
2	CORNER - FRONT PANEL(R)		260090P01	1	1	1	1	1
3	CORNER - FRONT PANEL(L)		260091P01	1	1	1	1	1
4	CHARACTER LABEL		387517L01	2	2	2	2	2
5	LABEL - FREEZER		479649L01	1	1	-	-	-
			447056-01	-	-	1	1	1

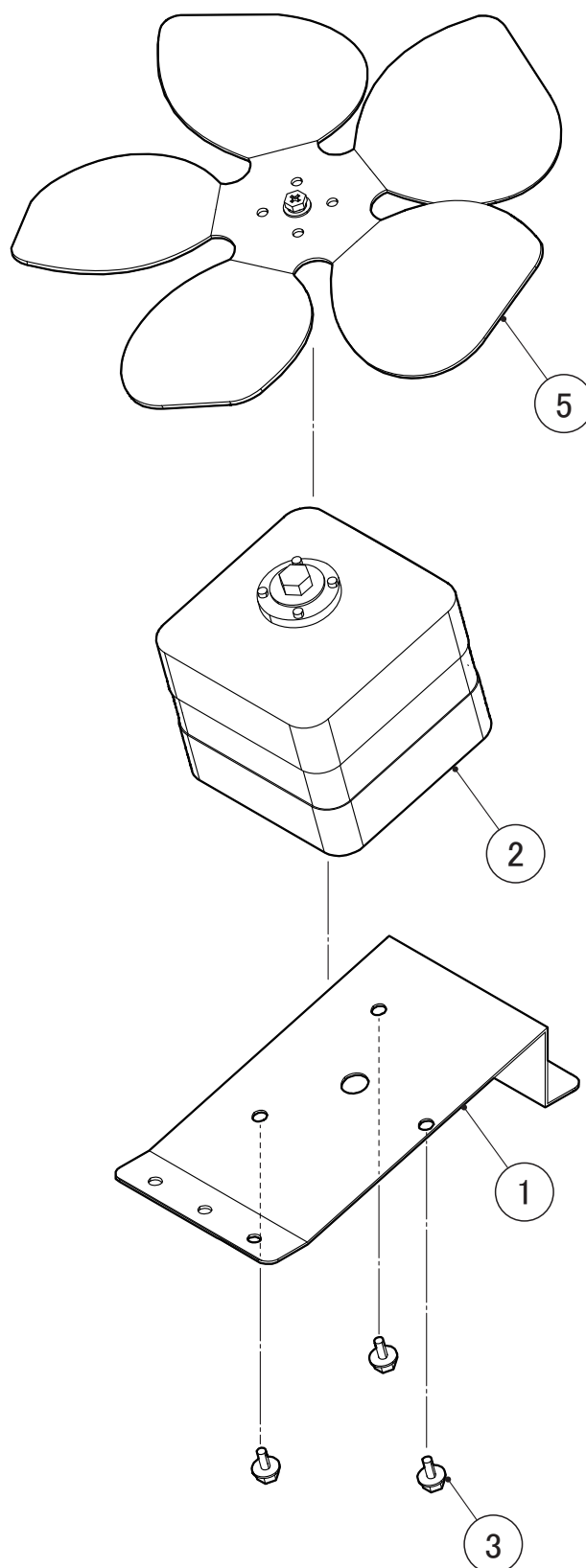
HRF-78MB
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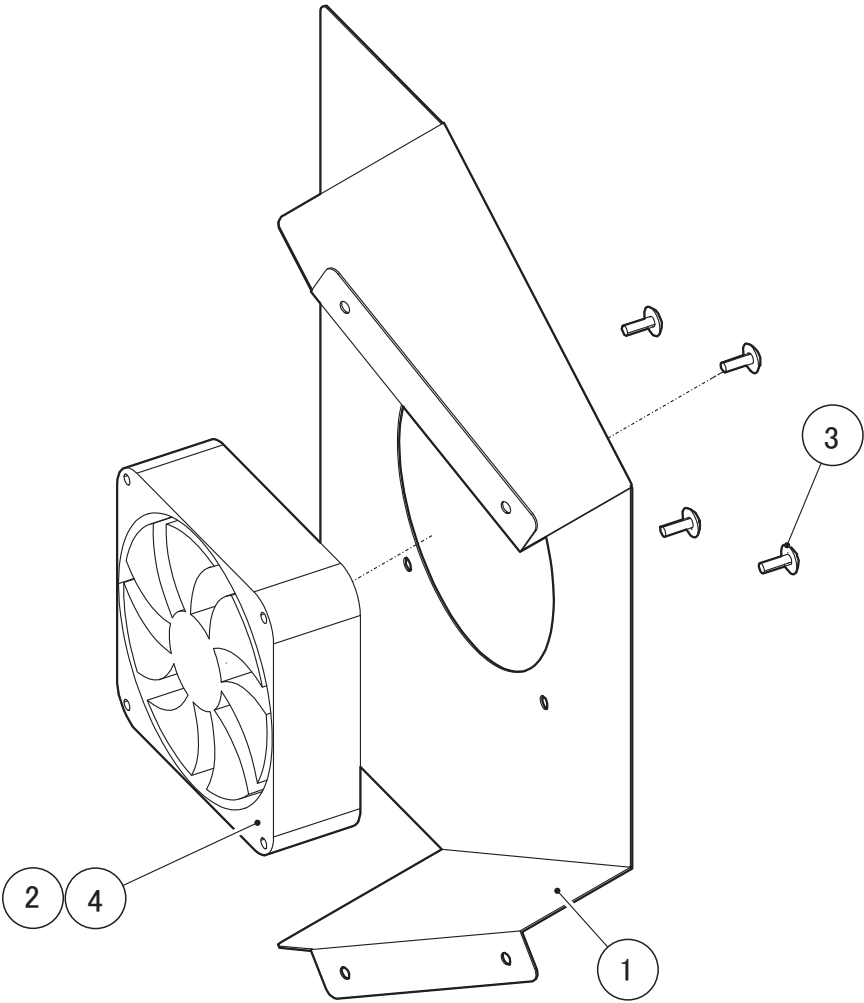
F. REFRIGERATION ASSY

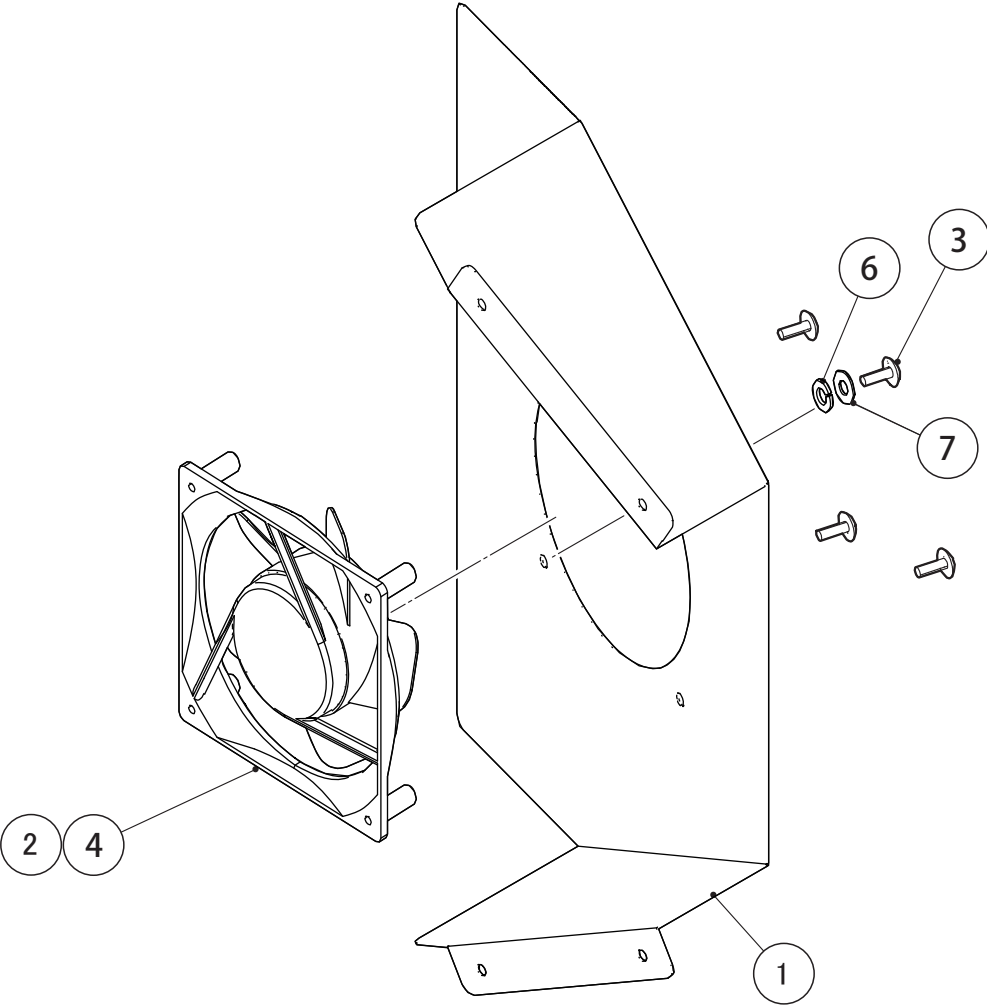
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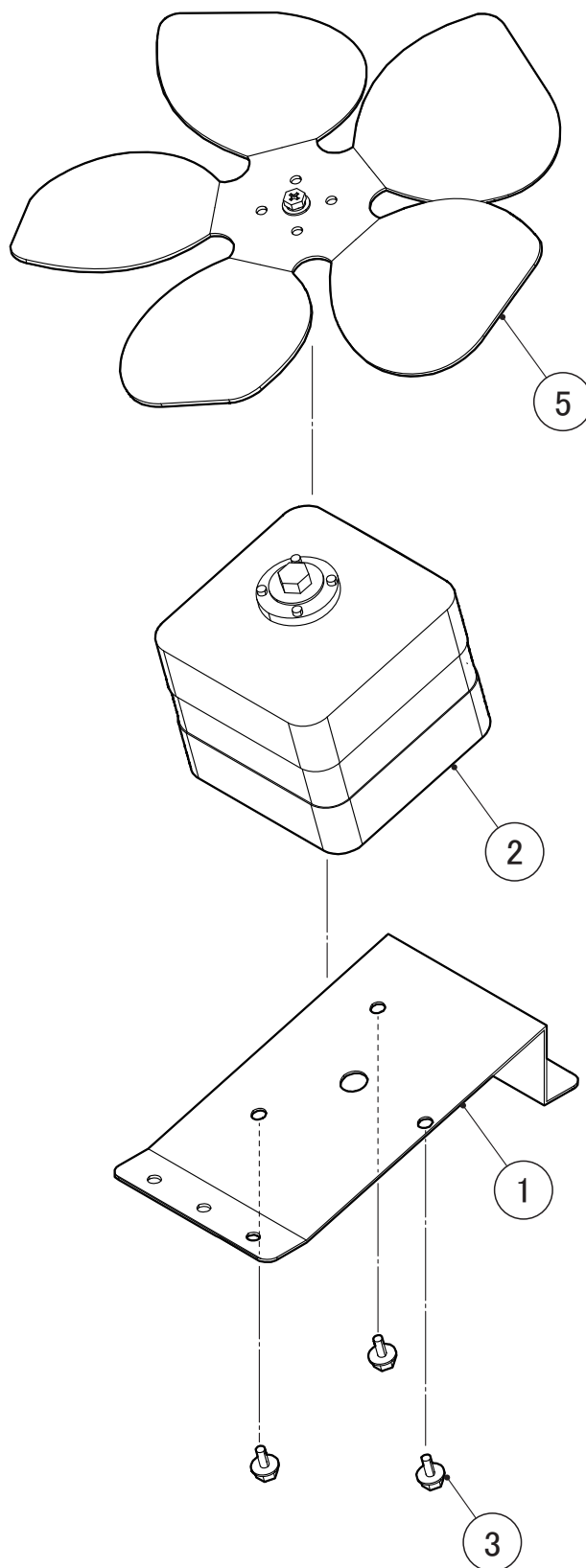


MODEL: HRF-78MB HRF-78MB-S			TITLE: F.REFRIGERATION ASSY(S-32577)					
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	BASE		277898M02	1	1	1	1	1
2	COMPRESSOR		P05072-01	1	-	-	-	-
			485260Z15	-	1	1	1	1
3	RUBBER GROMMET		P02608-01	4	4	4	4	4
4	BOLT		C05825-01	2	2	2	2	2
5	WIRE CONDENSER		P05098-01	1	-	-	-	-
			485260Z04	-	1	1	1	1
6	COVER - CONDENSER		389475M02	1	1	1	1	1
7	TAPPING SCREW - HEX		456789-01	4	4	4	4	4
8	FLANGE BOLT (S-TITE)		P02005-01	6	6	6	6	6
9	BRACKET - FAN MOTOR		471206M01	1	1	1	1	1
10	FAN MOTOR		P00156-01	1	1	1	1	1
11	FAN BLADE		P00185-01	1	1	1	1	1
12	FLAT WASHER		FWPL04S0	2	2	2	2	2
13	SPRING WASHER		FWSP04S0	3	3	3	3	3
14	NUT		FNH104S0	2	2	2	2	2
15	EVAPORATOR		P05208-01	1	-	-	-	-
			277907M01	-	1	1	1	1
16	HEAT EXCHANGER		278164G01	1	1	1	1	1
17	COPPER TUBE A - H		389706M01	1	1	1	1	1
18	COPPER TUBE B - H		485266G02	1	1	1	-	-
			4C0402M01	-	-	-	1	1
19	INSULATION TUBE (ARMAFLEX)		H91022070	2	2	2	2	2
20	TRUSS HEAD SCREW		FST0412S0	1	1	1	1	1
21	DRIER		P00007-01	1	1	1	-	-
			C06620-02	-	-	-	1	1
22	COPPER TUBE - L		389705G01	1	1	1	1	1
23	WIRE RETAINER		427902-05	4	4	4	4	4
24	CLAMP		427902-02	1	1	1	1	1
25	DEFROST HEATER		P05094-01	1	-	-	-	-
			485260Z08	-	1	-	-	-
			C06091-01	-	-	1	1	1
26	SUPPORT - HEATER		3C0300M01	2	2	2	2	2
27	SCREW - TRUSS		465040-01	4	4	4	4	4
28	FUSE		P01103-01	1	1	1	1	1
29	CLIP-THERMISTOR		4R2938-01	1	1	1	1	1

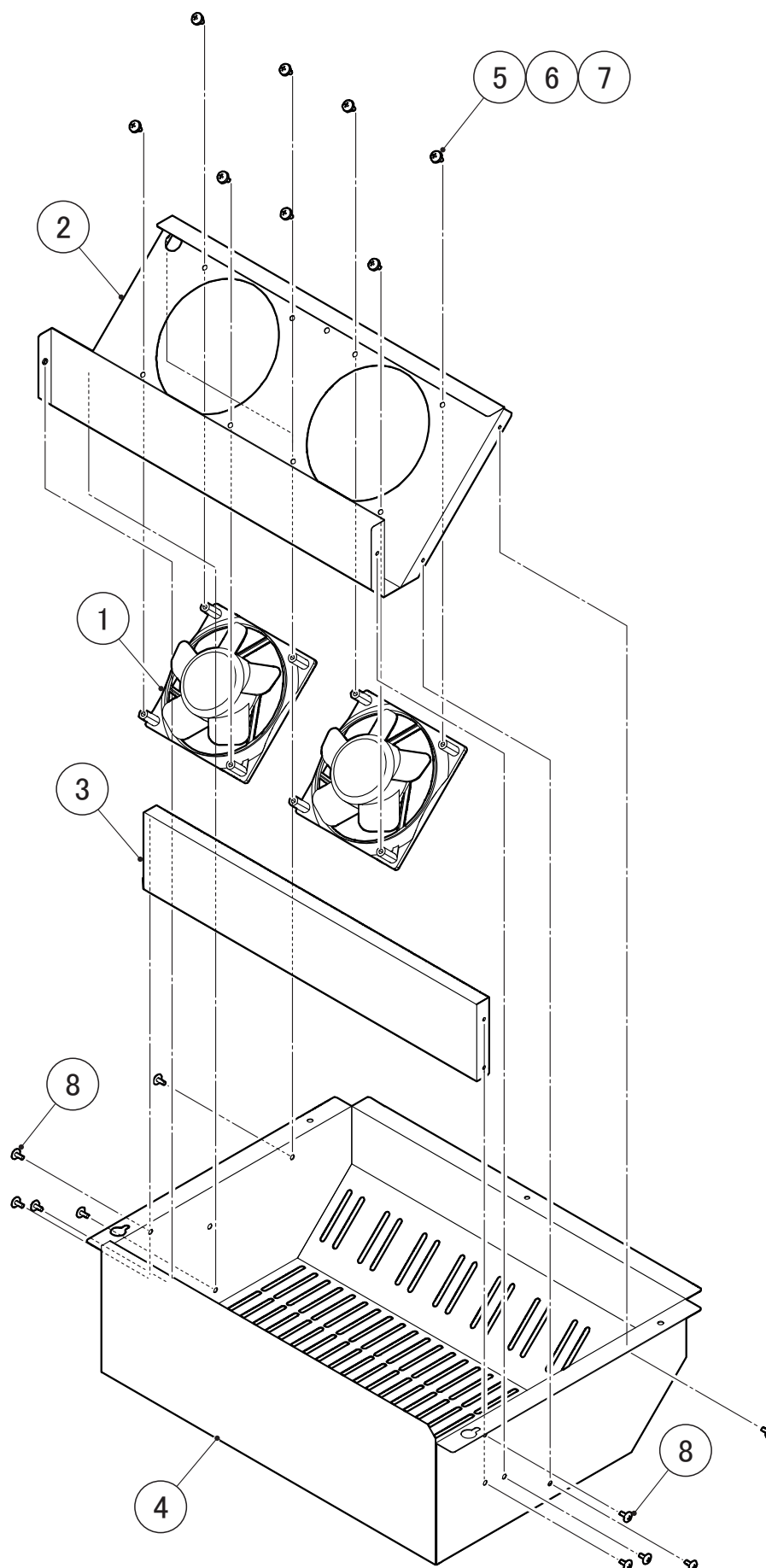


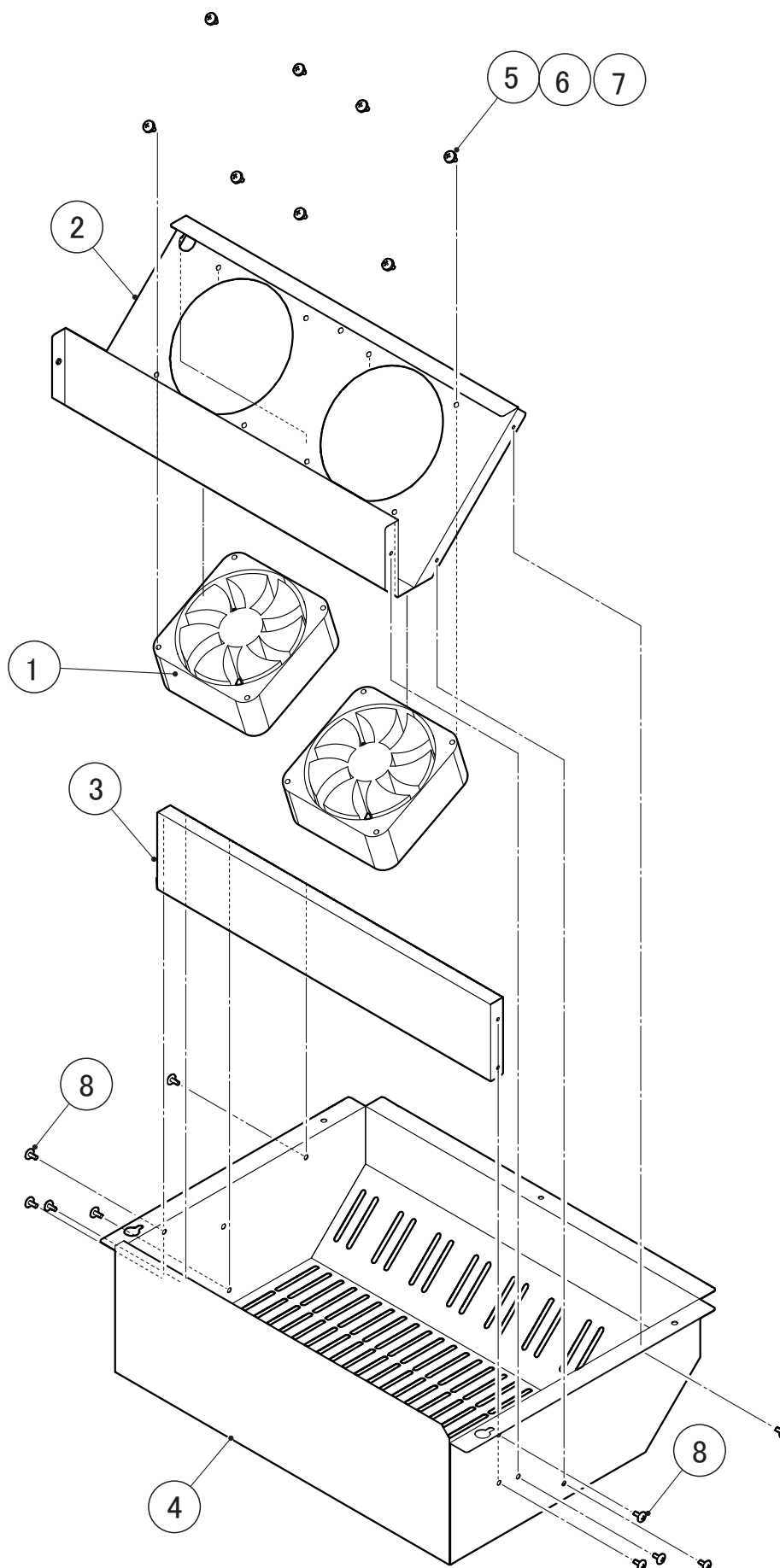


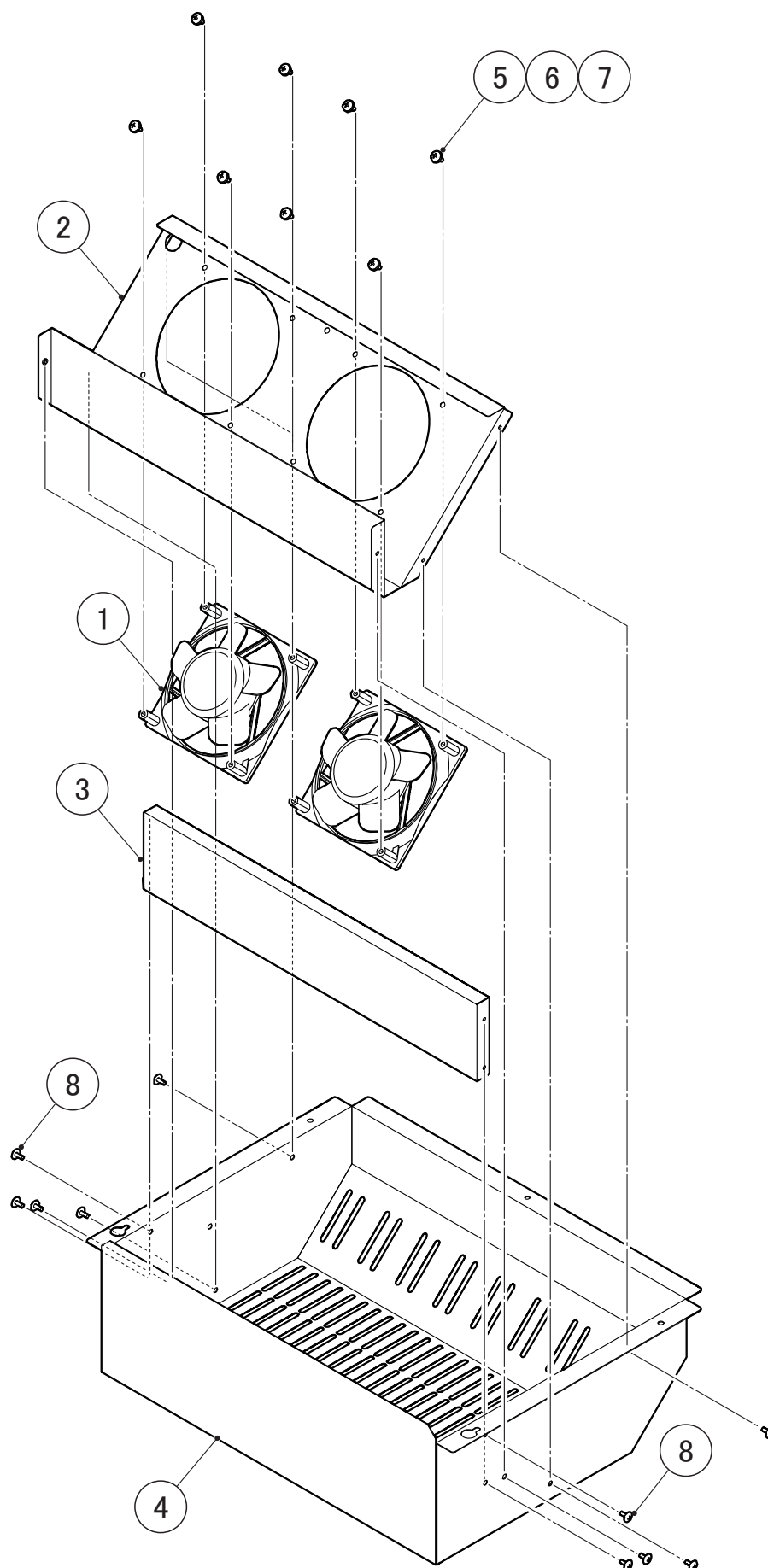


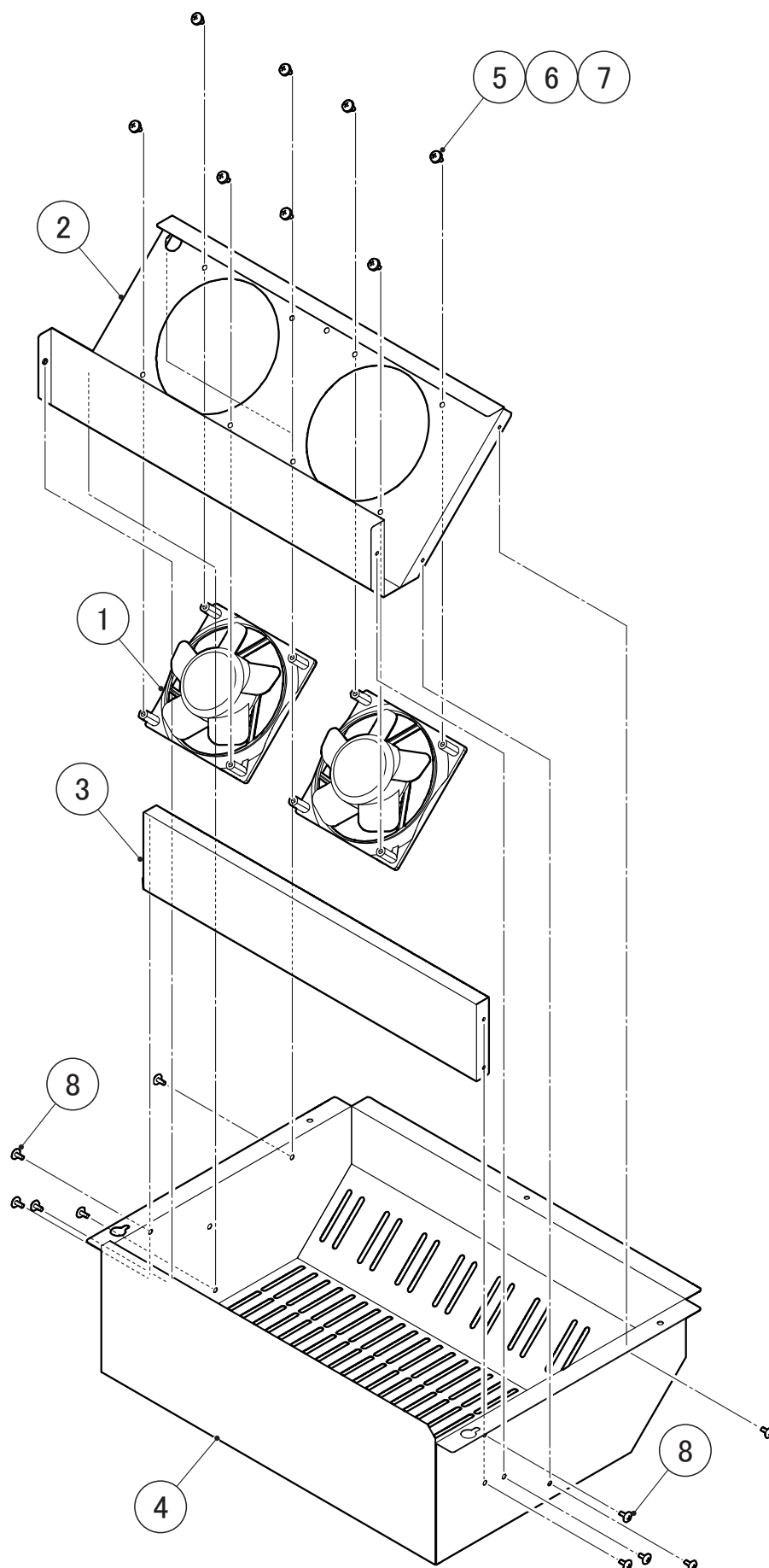


MODEL: HRF-78MB HRF-78MB-S TITLE: G.FAN NOTOR ASSY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	BRACKET - FM		388885M02	1	1	-	-	1
			3C0297M01	-	-	1	1	-
2	FAN MOTOR		P05102-01	1	1	-	-	-
			C05934-01	-	-	1	-	-
			P03682-01	-	-	-	1	-
			485260Z07	-	-	-	-	1
3	HEX HEAD BOLT SW		FBK0408S0	3	3	-	-	3
	T2 TRUSS HEAD SCREW		FT20512S0	-	-	4	-	-
			FT20410S0	-	-	-	4	-
4	VINYL TUBE - UL		3C0296Z01	-	-	1	1	-
5	FAN BLADE		P00029-01	1	1	-	-	1
6	SPRING WASHER		FWSP04S0	-	-	-	4	-
7	FLAT WASHER		FWPL04S0	-	-	-	4	-

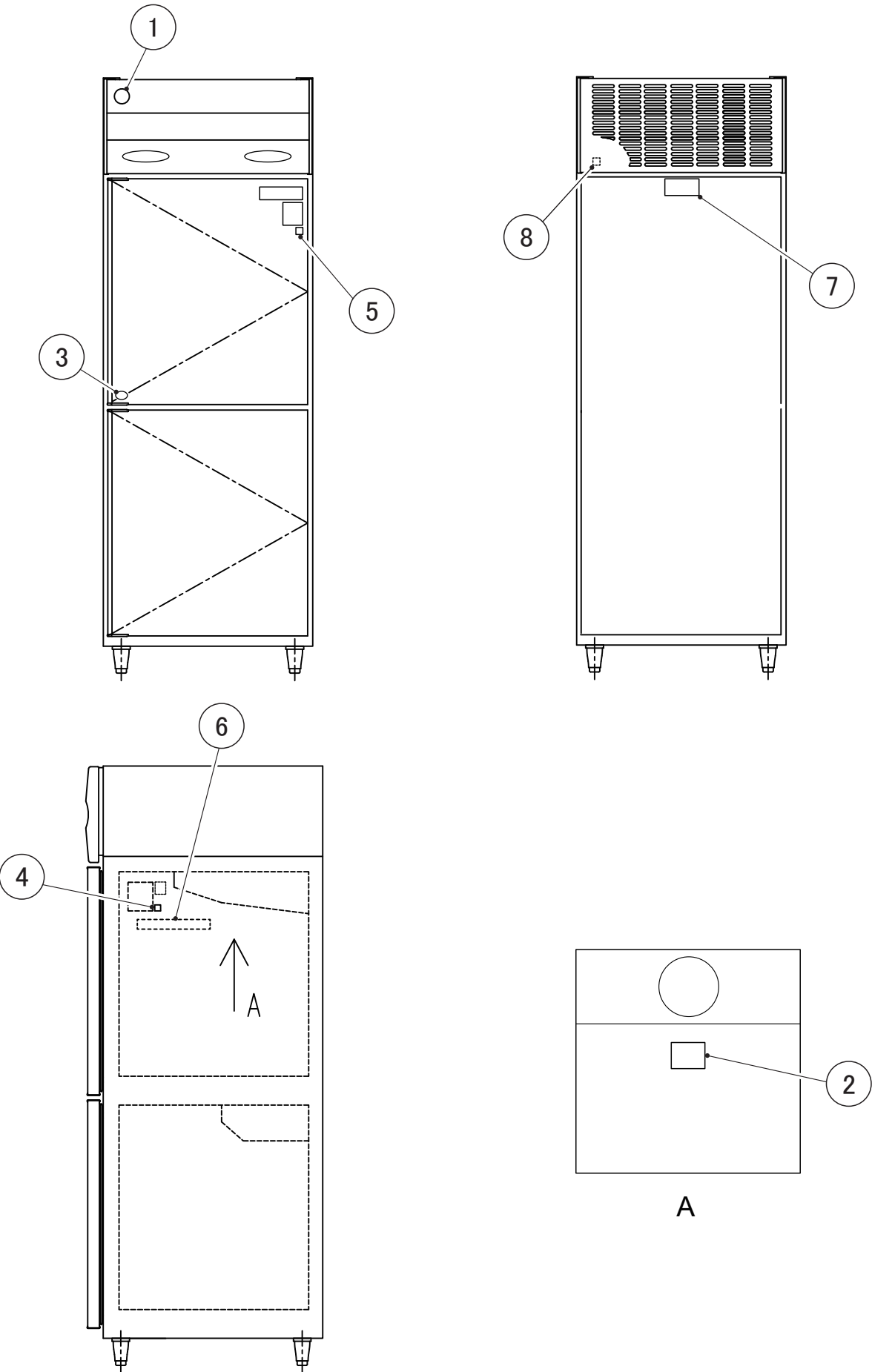








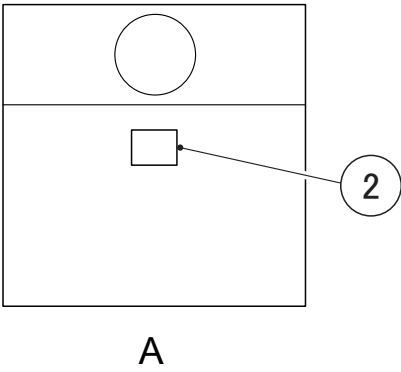
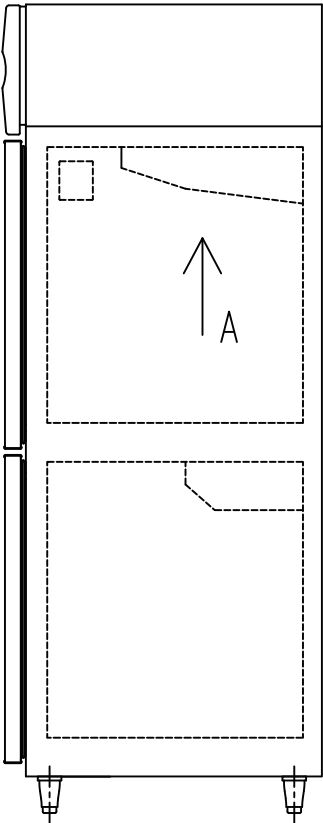
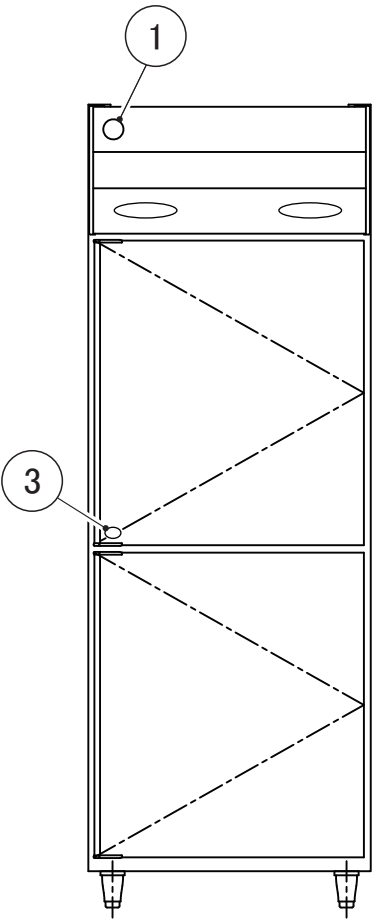
MODEL: HRF-78MB HRF-78MB-S				TITLE: H.DUCT ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	FAN MOTOR		P03682-01	2	2	-	2	2
			C05934-01	-	-	2	-	-
2	BRACKET - FAN		279765M01	1	1	1	1	1
3	GUIDE		391116M01	1	1	1	1	1
4	DUCT		279764M01	1	1	1	1	1
5	FLAT WASHER		FWPL04S0	8	8	-	-	8
6	SPRING WASHER		FWSP04S0	8	8	-	-	8
7	TRUSS HEAD TAPPING SCREW T2		FT20410S0	8	8	-	-	8
			FT20512S0	8	8	8	8	-
8	TRUSS HEAD SCREW		FST0408S0	10	10	10	10	10



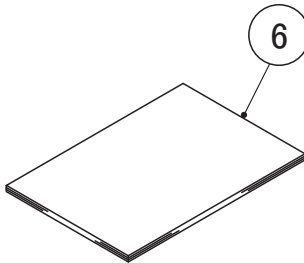
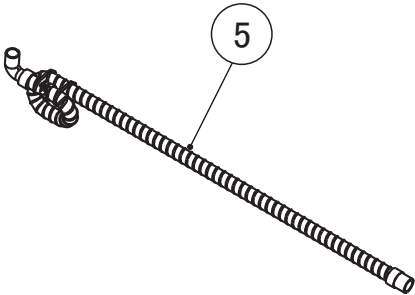
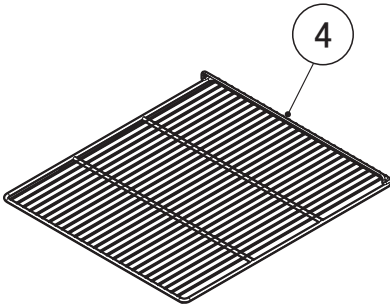
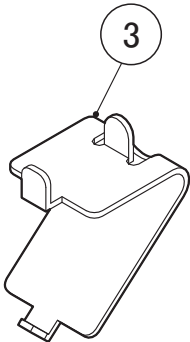
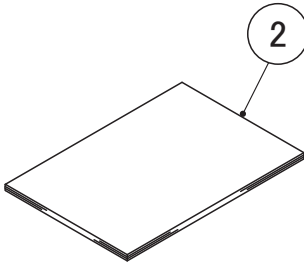
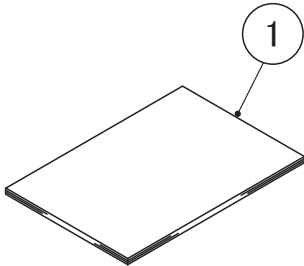
MODEL: **HRF-78MB**

TITLE: **J.LABEL LOCATION**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				L-0			
1	CHARACTER LABEL - PENGUIN		475552L02	1			
2	LABEL - FAN COVER		472775L01	1			
3	LABEL-FREEZER		476826L01	1			
4	LABEL-REGULATION A		482347L01	1			
5	LABEL-SDoC		486283L01	1			
6	LABEL - LOAD LIMIT		482995L01	2			
7	CYCLOPENTANE		481523L01	1			
8	LABEL - GROUND		4C0106L01	1			



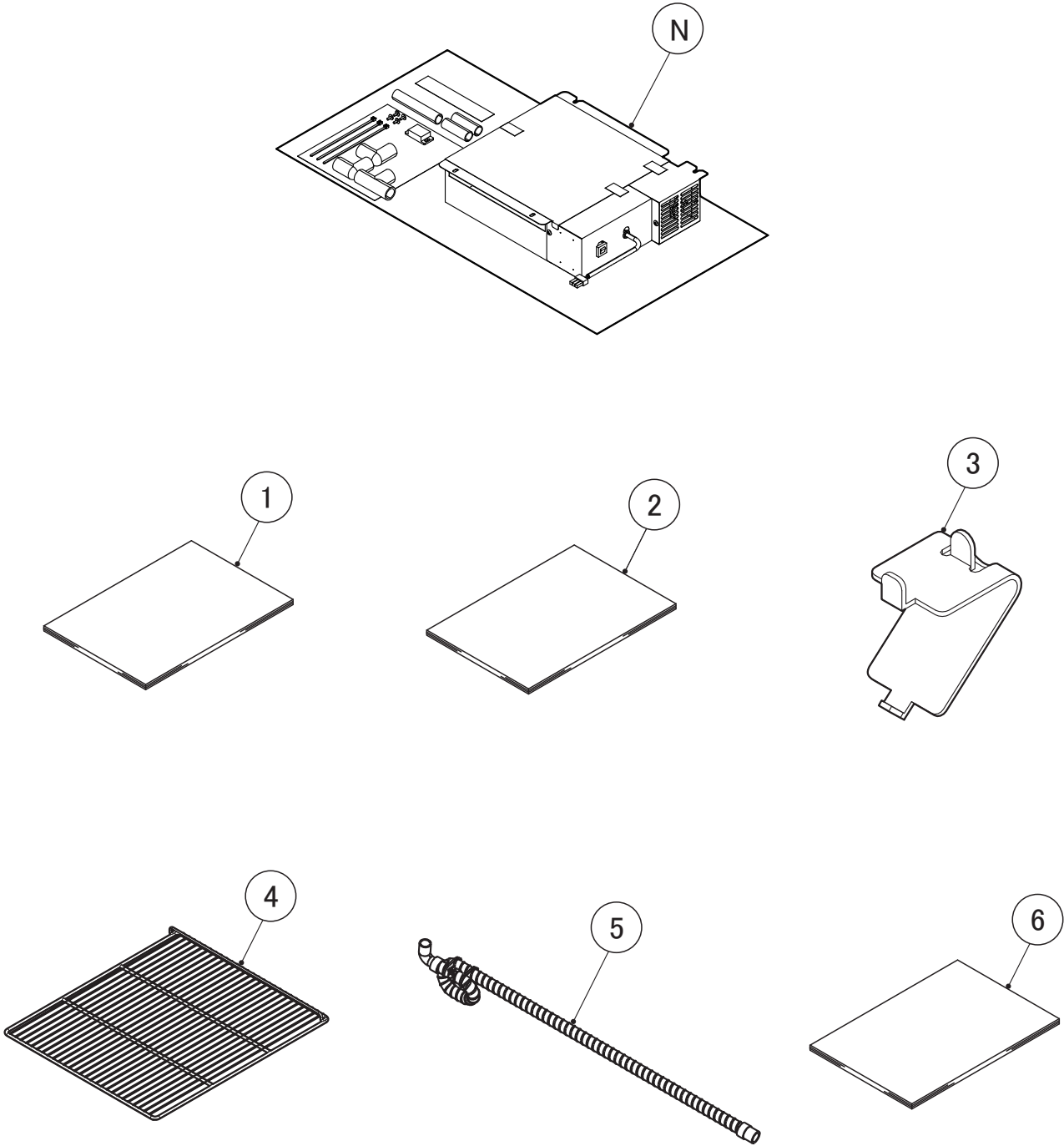
MODEL: HRF-78MB-S TITLE: K.LABEL LOCATION(S-26571)								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	CHARACTER LABEL - PENGUIN		475552L02	1	1	1	1	1
2	LABEL - FAN COVER		472775L01	1	1	1	1	1
3	LABEL-FREEZER		476826L01	1	1	1	1	1



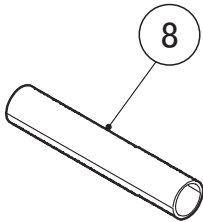
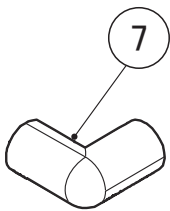
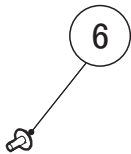
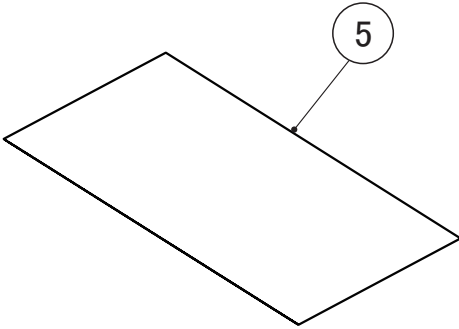
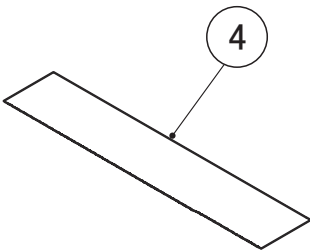
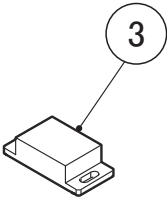
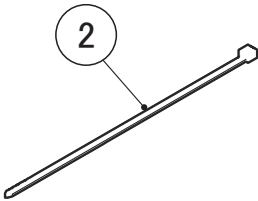
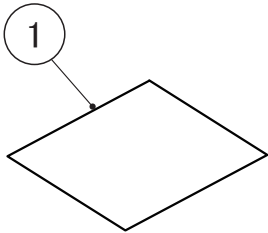
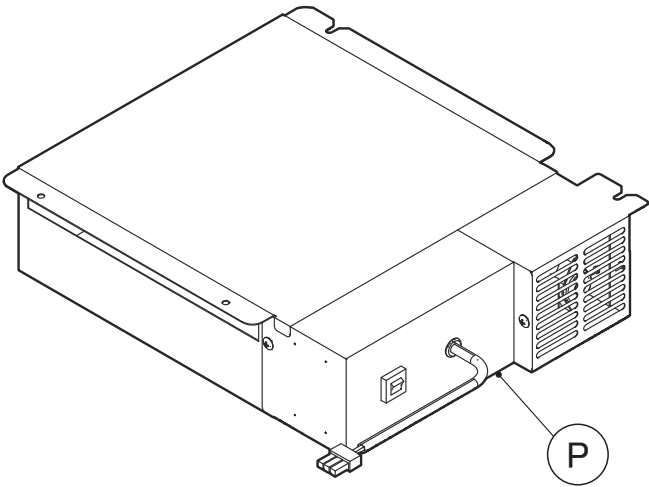
MODEL: **HRF-78MB**

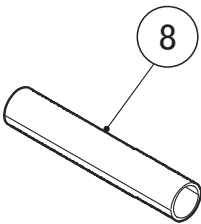
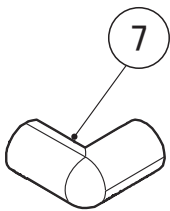
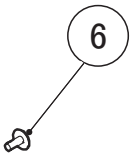
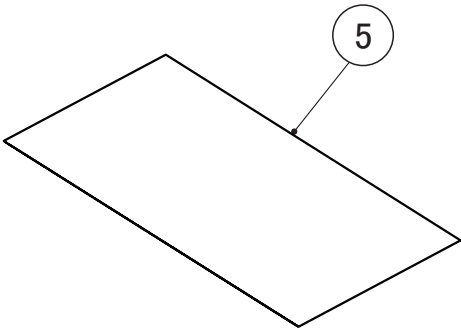
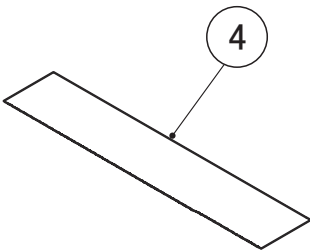
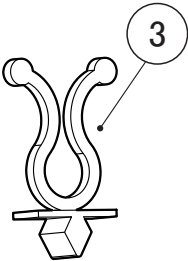
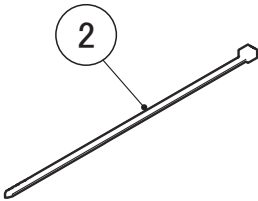
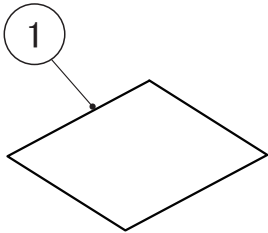
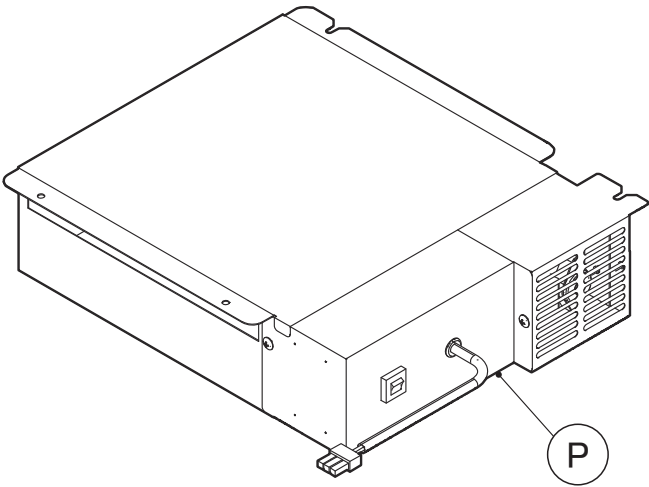
TITLE: **L.ACCESSORIES**

INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER			
				L-0			
1	INSTRUCTION MANUAL		L1R590306	1			
2	INSTRUCTION MANUAL		L1R598302	1			
3	CLIP-SHELF		428957-01	12			
4	SHELF - 77HD		372087G01	3			
5	DRAIN HOSE ASSY		471190001	1			
6	CERTIFICATE		478863L01	1			

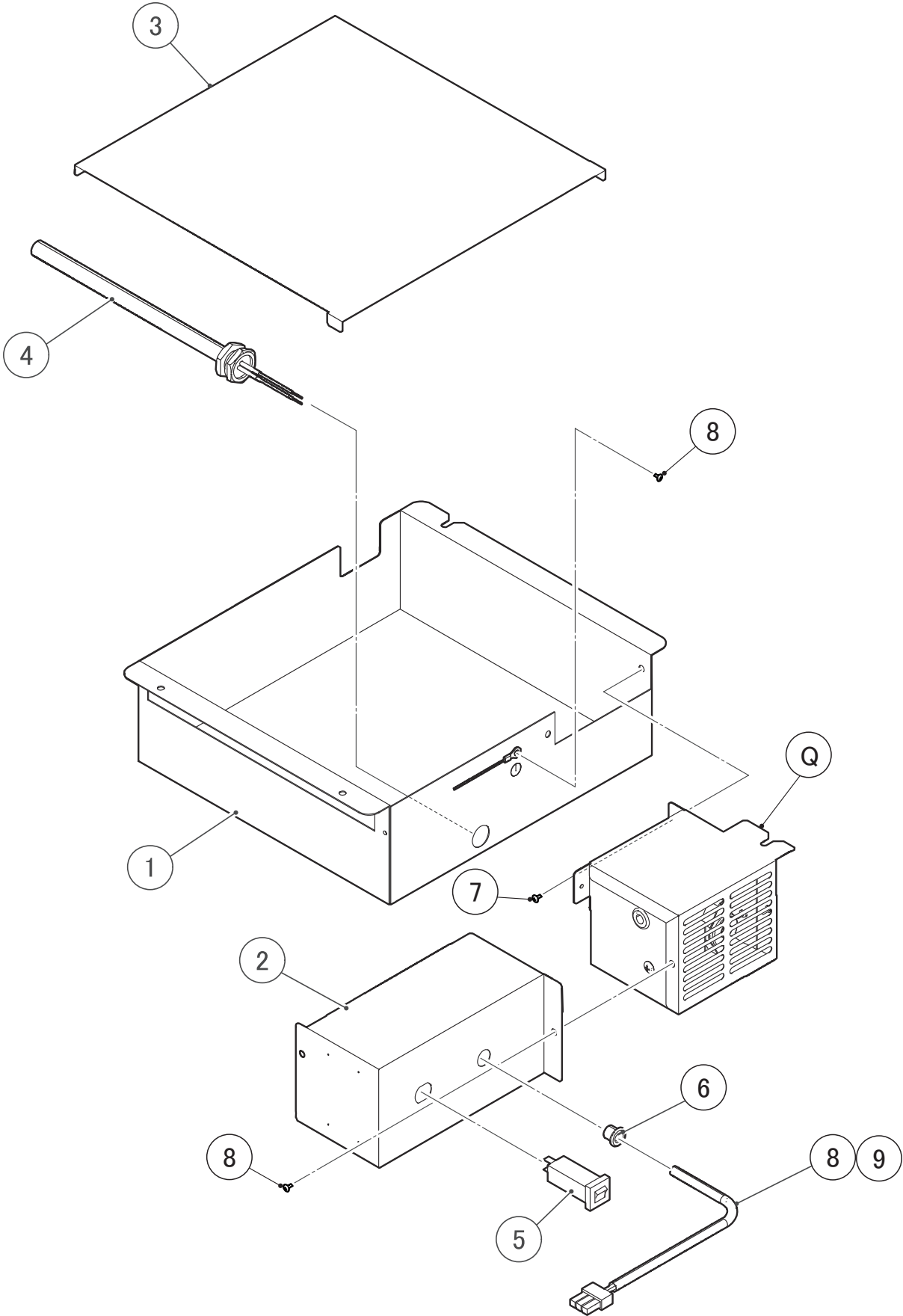


MODEL: HRF-78MB-S TITLE: M.ACCESSORIES								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
N	EVAPORATING PAN SET	(S-29687)	272922A01	1	1	1	1	-
			272922002	-	-	-	-	1
1	INSTRUCTION MANUAL		L1R590105	1	1	1	1	1
2	INSTRUCTION MANUAL		L1R598102	1	1	1	1	1
3	CLIP-SHELF		428957-01	16	16	16	16	16
4	SHELF - 77HD		372087G01	4	4	4	4	4
5	DRAIN HOSE ASSY		471190001	1	1	1	1	-
			471190002	-	-	-	-	1
6	INSTRUCTION SHEET - EVAPORATING PAN		273007L01	1	1	1	1	-
			2C1547L01	-	-	-	-	1

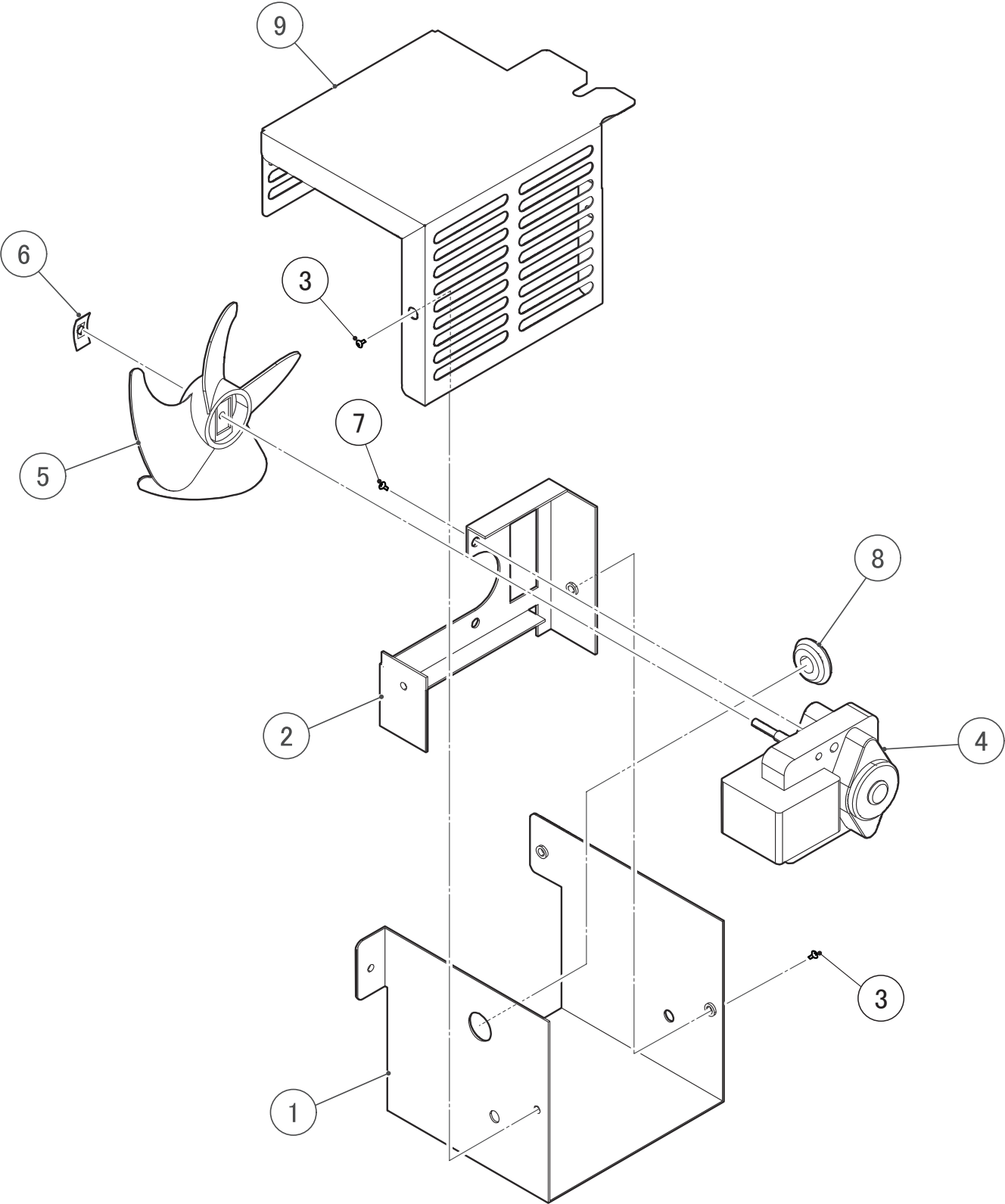




MODEL: HRF-78MB-S TITLE:N.EVAPORATING PAN SET								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
P	EVAPORATING PAN ASSY		272448A01	1	1	1	1	1
1	PE BAG (STANDARD)		7V91-0006	1	1	1	1	1
2	TIE		7920-0003	3	3	3	3	1
3	MAGNET CATCH		416737-01	1	1	1	1	-
	CLAMP		427902-02	-	-	-	-	1
4	PL LABEL - HEAT		483728L01	1	1	1	1	1
5	PE BAG (AIR BAG)		7V98-5070	1	1	1	1	1
6	TRUSS HEAD SCREW		FST0408S0	4	4	4	4	4
7	ELBOW - PVC		751VE0013	1	1	-	-	-
8	PIPE - EVAPORATING		481553P01	1	1	-	-	-



MODEL: HRF-78MB-S TITLE:P.EVAPORATING PAN ASSY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
Q	FAN MOTOR ASSY		385860A01	1	1	1	1	1
1	EVAPORATING PAN		272449M01	1	1	1	1	1
2	CONTROL BOX		272451M01	1	1	1	1	1
3	TOP PANEL		272450M01	1	1	1	1	1
4	HEATING ROD		P04610-01	1	1	1	1	1
5	PROTECTOR		440972-01	1	1	1	1	1
6	BUSHING		428394-02	1	1	1	1	1
7	TRUSS HEAD SCREW		FST0408S0	5	5	5	5	5
8	WIRE HARNESS B-EVAPORATING PAN		386686Z01	1	1	1	1	1
9	WIRE HARNESS C-EVAPORATING PAN		386687Z01	1	1	1	1	1



MODEL: HRF-78MB-S TITLE: Q.FAN MOTOR ASSY								
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				L-0 M-1	M-2	M-3 N-0	N-1 P-0	P-1 and later
1	BRACKET(A) - FAN MOTOR		272623M01	1	1	1	1	1
2	BRACKET(B) - FAN MOTOR		382330M01	1	1	1	1	1
3	TRUSS HEAD SCREW		FST0408S0	3	3	3	3	3
4	FAN MOTOR		P03987-01	1	1	1	1	-
			C06353-01	-	-	-	-	1
5	FAN		P03323-01	1	1	1	1	-
			C06355-01	-	-	-	-	1
6	SPEED NUT		P03323F01	1	1	1	1	1
7	PAN HEAD SCREW SW		FSK0306S0	2	2	2	2	2
8	GROMMET		410666-16	1	1	1	1	1
9	FAN CAOVER		386074M01	1	1	1	1	1