



PRODUCT DOCUMENT PACK

Prepared and distributed by KW Commercial Kitchen

PRODUCT

Hoshizaki 91000090 IM-45CNE-25 Under Counter Ice Maker – 35kg/24h

Model / SKU: 91000090

KW COMMERCIAL KITCHEN

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SELF-CONTAINED CUBER

PARTS LIST

[HE] [GRAM] [KOREA] [HS]

E1FC
E1FC-D001, D002, D003, D004, D005, D020, D200

- A-1 NOV. 2011
- B-0 JAN. 2012
- B-1 OCT. 2012
- C-0 JAN. 2013
- D-0 JAN. 2014
- E-0 JAN. 2015
- E-1 APR.2015
- F-0 JAN. 2016
- G-0 JAN. 2017
- G-1 MAY.2017
- G-2 AUG.2017
- G-3 NOV.2017
- J-1 JUL, 2019
- J-2 SEP, 2019

IM-45CNE
IM-45CNE-25
IM-45CNE(G60)
IM-45CNE(KR)
IM-45CNE(HS)
IM-45CNE-25(HS)
IM-45CNE-SN

E1FC-3618 (0823)

List of Specifications

IM-45CNE	E1FC	Standard
IM-45CNE-25	E1FC-D001	25mm ICE of IM-45CNE
IM-45CNE(G60)	E1FC-D002	60Hz
IM-45CNE(KR)	E1FC-D003	For KOREA power cord : hard-wired type
IM-45CNE(HS)	E1FC-D004	For Singapore special water valve
IM-45CNE-25(HS)	E1FC-D005	25mm ICE for Singapore special water valve
IM-45CNE	E1FC-D020	For GRAM
IM-45CNE-SN	E1FC-D200	Integrated in E1FC.

Auxiliary Codes

Auxiliary Code Breakdown

The auxiliary code is the first two characters in the serial number. The first character indicates the year. Years progress or regress in alphabetical order. The series runs from "A" through "V" and the letters "I" and "O" are skipped. The second character indicates significant part changes within a year. Base is "0" and this number advances for each change. In cases where there is a letter in parentheses, this designates the month. This is the last character in the serial number. The series runs from "(A)" through "(M)" and the letter "(I)" is skipped. This designation is only included when identifying a parts change within an auxiliary code.

Note About Ordering Parts

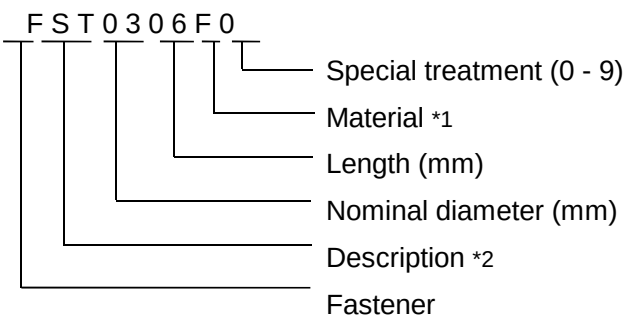
Most assemblies cannot be ordered as complete units; parts in the assemblies generally must be ordered separately.

MARKS LOCATED UNDER THE AUXILIARY CODE

- = Part deleted.

FASTENER PART NUMBER

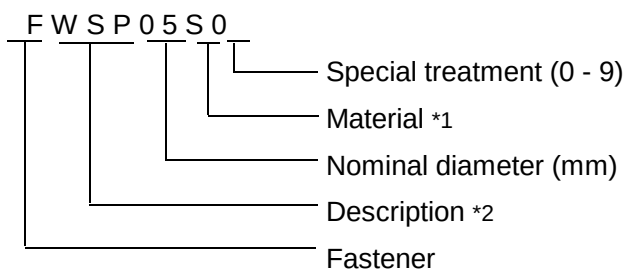
SCREWS



*1

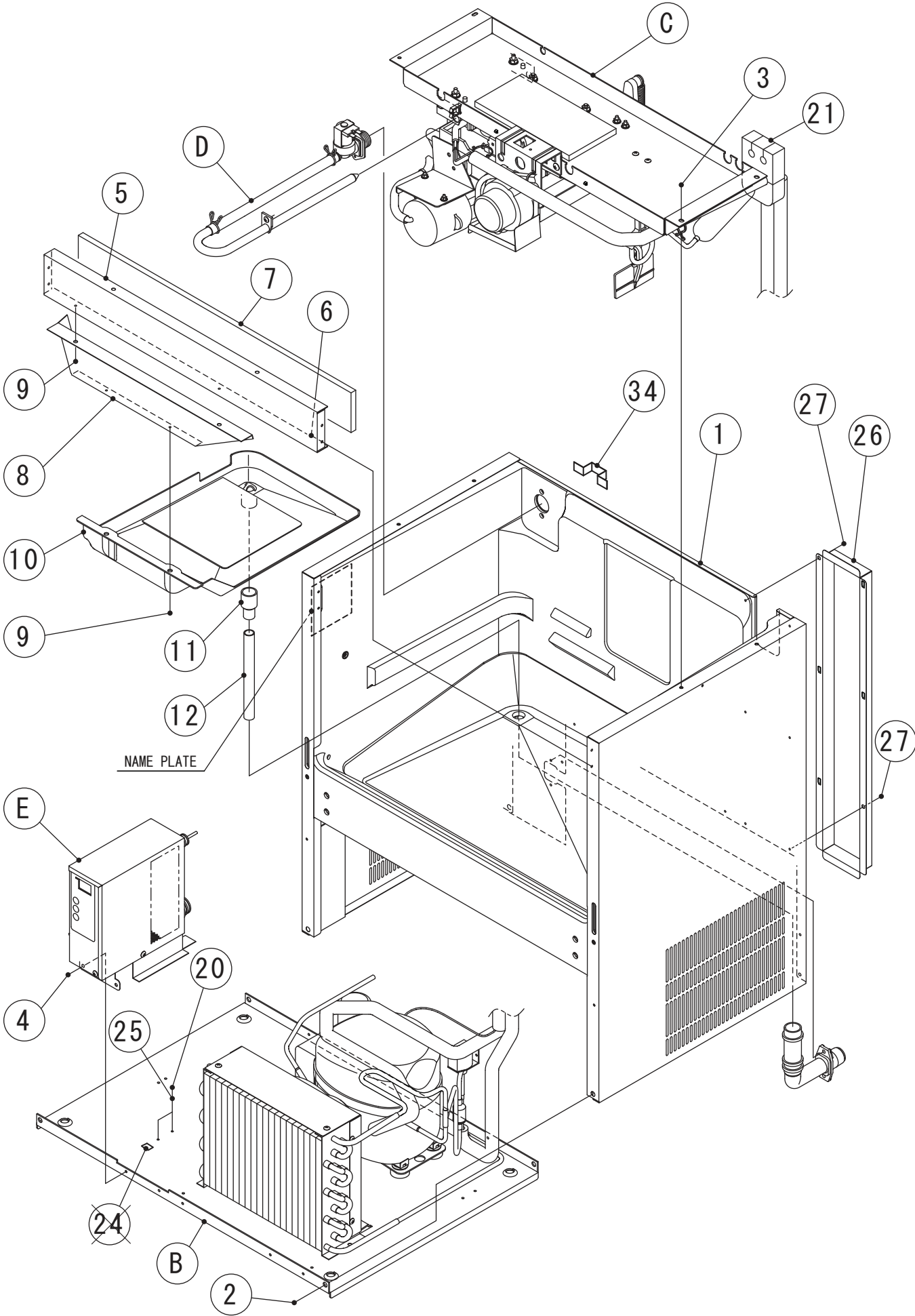
- F: Steel
- S: Austenitic stainless steel
- M: Martensitic stainless steel
- B: Copper alloy
- P: Polycarbonate
- N: Polyamide
- V: PVC
- A: ABS
- X: Polyacetal
- L: Aluminum

NUTS & WASHERS



*2

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



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25			TITLE:A.ICE CUBER ASSY					
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
B	REFRIGERATION ASSY		1H4827A01	1	1	1	1	1
C	ICE MAKING MECHANISM ASSY		1H4828A01	1	1	1	-	-
			1H4828A02	-	-	-	1	1
D	WATER CIRCUIT ASSY		3Y5610A02	1	1	1	1	1
E	CONTROL BOX ASSY		2X0439A01	1	-	-	-	-
			2X1218A01	-	1	1	1	1
F	DOOR ASSY		3Y5644A01	1	1	1	1	1
G	FRONT PANEL		3Y5645G01	1	1	1	1	1
1	UNIT FRAME		1H4826G01	1	1	1	1	1
2	TAPPING SCREW - HEX		442040-01	4	4	4	4	4
3	TRUSS HEAD MACHINE SCREW		FST0412S0	4	4	4	4	4
4	FLANGE BOLT (C-TITE)		FTR0408M0	2	2	2	2	2
5	FRONT FRAME		3X6086-02	1	1	1	1	1
6	RIVET	SSD42SSBS(t1.6~3.2)	7170-0002	4	4	4	4	4
7	INSULATION - FRONT FRAME		4Y1924-01	1	1	1	1	1
8	FRONT FRAME(LO)		2H4624-01	1	1	1	1	1
9	TRUSS HEAD TAPPING SCREW (S-TITE)		FTS0408M0	5	5	5	5	5
10	DRAIN PAN		2H1440-01	1	1	1	1	1
11	DRAIN TUBE		4Z0986R01	1	1	1	1	1
12	DRAIN PIPE		4Y7493P04	1	1	1	1	1
13	HINGE (RIGHT)		4H2583-01	1	1	1	1	1
14	HINGE (LEFT)		4H2584-01	1	1	1	1	1
15	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0620S0	4	4	4	4	4
16	SLOPE		2H1349-02	1	1	1	1	1
17	SPRING		4Y9336M01	1	1	1	1	1
18	TOP PANEL		2X0652M01	1	1	1	1	1
19	INSULATION - TOP	(50Hz)	3Y5961P01	1	1	1	-	-
			3Y5961P02	-	-	-	1	1
		(60Hz)	3Y5961P01	1	1	1	1	-
			3Y5961P02	-	-	-	-	1
20	TRUSS HEAD MACHINE SCREW		FST0408S0	4	4	4	4	4
21	INSULATION - BIN		4Y7416P01	1	1	1	1	1
22	TAPER COLLAR		4H0171-01	2	2	2	2	2
23	RIVET	SSD42SSBS	7170-0002	2	2	2	2	2

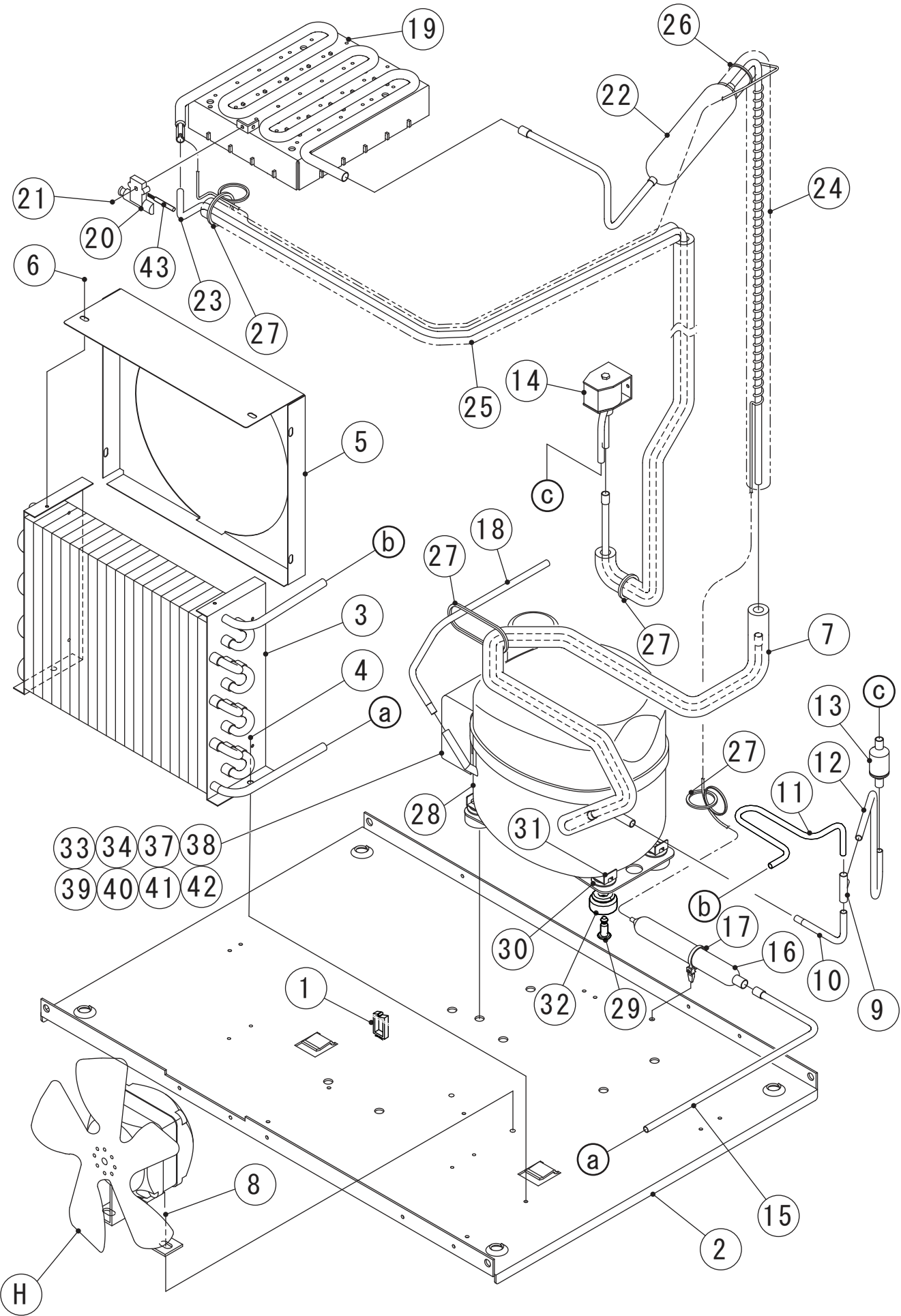
HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:A.ICE CUBER ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
24	LABEL - GROUND (B)		450452-02	-	-	-	-	-
25	SPRING WASHER		FWSP04S0	2	2	2	2	2
26	COVER - PIPE		3Y5868M01	1	1	1	1	1
27	TRUSS HEAD TAPPING SCREW T2		FT20408F0	12	12	12	12	12
28	REAR COVER		3Y5855M01	1	1	1	1	1
30	CONNECTOR		P00245-02	1	1	1	1	1
31	POWER SUPPLY CORD	EU-PLUG(10A)	P03359-01	1	1	1	1	1
		UK-PLUG(10A)	P03360-01	1	1	1	1	1
		AS-PLUG(10A)	P03361-01	1	1	1	1	1
		KC-PLUG(10A)	P03365-01	1	1	1	1	1
32	COVER - CONNECTOR	ACCESSORIES NO.5	2X0271P01	1	1	1	1	1
34	CAUTION - LABEL		452552-01	1	1	1	1	1
36	HOOK-SPRING		4Y9337M01	1	1	1	1	1

MODEL: IM-45CNE,IM-45CNE-25			TITLE:A.ICE CUBER ASSY					
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
B	REFRIGERATION ASSY	(IM-45CNE)	1H4827A01	1	-	-	-	
			1H5999A01	-	1	1	1	
		(IM-45CNE-25)	1H4827A01	1	1	1	-	
			1H5999A01	-	-	-	1	
C	ICE MAKING MECHANISM ASSY		1H4828A02	1	1	1	1	
D	WATER CIRCUIT ASSY		3Y5610A02	1	1	1	1	
E	CONTROL BOX ASSY	(IM-45CNE)	2X1218A01	1	-	-	-	
			2X3406A01	-	1	-	-	
			2X3406A03	-	-	1	1	
		(IM-45CNE-25)	2X1218A01	1	1	-	-	
			2X1218A03	-	-	1	-	
			2X3406A03	-	-	-	1	
F	DOOR ASSY		3Y5644A01	1	1	1	1	
G	FRONT PANEL		3Y5645G01	1	1	1	1	
1	UNIT FRAME		1H4826G01	1	1	1	1	
2	TAPPING SCREW - HEX		442040-01	4	4	4	4	
3	TRUSS HEAD MACHINE SCREW		FST0410S0	4	4	4	4	
4	FLANGE BOLT (C-TITE)		FTR0408M0	2	2	2	2	
5	FRONT FRAME		3X6086-02	1	1	1	1	
6	RIVET	SSD42SSBS(t1.6~3.2)	7170-0002	4	4	4	4	
7	INSULATION - FRONT FRAME		4Y1924-01	1	1	1	1	
8	FRONT FRAME(LO)		2H4624-01	1	1	1	1	
9	TRUSS HEAD TAPPING SCREW (S-TITE)		FTS0408M0	5	5	5	5	
10	DRAIN PAN		2H1440-01	1	1	1	1	
11	DRAIN TUBE		4Z0986R01	1	1	1	1	
12	DRAIN PIPE		4Y7493P04	1	1	1	1	
13	HINGE (RIGHT)		4H2583-01	1	1	1	1	
14	HINGE (LEFT)		4H2584-01	1	1	1	1	
15	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0620S0	4	4	4	4	
16	SLOPE		2H1349-02	1	1	1	1	
17	SPRING		4Y9336M01	1	1	1	1	
18	TOP PANEL		2X0652M01	1	1	1	1	
19	INSULATION - TOP	(50Hz)	3Y5961P02	1	1	1	1	
		(60Hz)	3Y5961P02	1	1	1	1	

HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:A.ICE CUBER ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
20	TRUSS HEAD MACHINE SCREW		FST0408S0	4	4	4	4	
		(KOREA)		6	6	6	6	
21	INSULATION - BIN		4Y7416P01	1	1	1	1	
22	TAPER COLLAR		4H0171-01	2	2	2	2	
23	RIVET	SSD42SSBS	7170-0002	2	2	2	2	
25	SPRING WASHER		FWSP04S0	2	2	2	2	
26	COVER - PIPE		3Y5868M01	1	1	1	1	
27	TRUSS HEAD TAPPING SCREW T2		FT20408F0	12	12	12	12	
28	REAR COVER		3Y5855M01	1	1	1	1	
30	CONNECTOR	EXCEPT(KOREA)	P00245-02	1	1	1	1	
31	POWER SUPPLY CORD	EU-PLUG(10A)	P03359-01	1	1	1	1	
		UK-PLUG(10A)	P03360-01	1	1	1	1	
		AS-PLUG(10A)	P03361-01	1	1	1	1	
		KC-PLUG(10A)	P03365-01	-	-	-	-	
			P04435-01	1	1	1	1	
32	COVER - CONNECTOR	ACCESSORIES NO.5 EXCEPT(KOREA)	2X0271P01	1	1	1	1	
34	CAUTION - LABEL		452552-01	1	1	1	1	
36	HOOK-SPRING		4Y9337M01	1	1	1	1	
37	BRACKET - POWER CORD	(KOREA)	483273M01	1	1	1	1	
38	BUSHING	(KOREA)	420472-02	1	1	1	1	



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:B.REFRIGERATION ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
H	FAN MOTOR ASSY		3E0059A01	1	1	1	1	1
1	WIRE SADDLE		428060-02	1	1	1	1	1
2	BASE		1H4829M01	1	1	1	1	1
3	CONDENCER		P03372-01	1	1	1	1	1
4	FLANGE BOLT (C-TITE)		FTR0408M0	2	2	2	2	2
5	SHROUD		3Y5606M01	1	1	1	1	1
6	TRUSS HEAD TAPPING SCREW T2		FT20408F0	6	6	6	6	6
7	PIPE(A) - LOW SIDE		3Y5607G01	1	1	1	1	1
8	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0612F0	2	2	2	2	2
9	TEE		417394-01	1	1	1	1	1
10	PIPE(A) - HIGH SIDE		4Y7160M01	1	1	1	1	1
11	PIPE(B) - HIGH SIDE		4Y7161M01	1	1	1	1	1
12	PIPE(A) - HOT		4Y7162M01	1	1	1	1	1
13	STRAINER		P00008-01	1	1	1	1	1
14	HOT GAS VALVE		P02539-01	1	1	1	1	1
15	PIPE(C) - HIGH SIDE		4Y7163M01	1	1	1	1	1
16	DRIER		P03584-01	1	1	1	1	1
17	TIE		P05042-01	2	2	2	2	2
18	PROSESS PIPE		4Y7164M01	1	1	1	1	1
19	EVAPORATOR	(IM-45CNE)	3H5611G02	1	1	1	1	1
		(IM-45CNE-25)	3H3941G01	1	1	1	1	1
20	HOLDER - THERMISTOR		315479-01	1	1	1	1	1
21	TRUSS HEAD TAPPING SCREW (S-TITE)		FTS0408M0	1	1	1	1	1
22	HEAT EXCHANGER		4X5640G01	1	1	1	1	1
23	PIPE(B) - HOT		3Y5859G01	1	1	1	1	1
24	Insulation Tube - FSA		H81323450	1	1	1	1	1
25	Insulation Tube (Food Sanitation Law)		H81020650	1	1	1	1	1
26	NYLON TIE	CV-100	7920-0002	1	1	1	1	1
27	NYLON TIE	CV-100	7920-0002	4	4	4	4	4
28	COMPRESSOR	(50Hz)	P02286-01	1	1	1	1	1
		(60Hz)	P02617-01	1	1	1	1	1
29	PIN		P02605-01	4	4	4	4	4
30	WASHER		P02606-01	4	4	4	4	4
31	CLAMP		P02607-01	4	4	4	4	4
32	RUBBER GROMMET		P02608-01	4	4	4	4	4

HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:B.REFRIGERATION ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
33	HERMETIC TERMINAL COVER		P03143-01	1	1	1	1	1
34	SCREW		P00840-01	2	2	2	2	2
36	START CAPACITOR	(50Hz)	P02620-01	1	1	1	1	1
		(60Hz)	P02611-01	1	1	1	1	1
37	TERMINAL BOARD		P02612-01	1	1	1	1	1
38	STARTING RELAY	(50Hz)	P02613-01	1	1	1	1	1
		(60Hz)	P02619-01	1	1	1	1	1
39	MOTER PROTECTOR	(50Hz)	P02618-01	1	1	1	1	1
		(60Hz)	P02614-01	1	1	1	1	1
40	Overload Protector Bracket		P02815-01	1	1	1	1	1
41	SELF TAPPING SCREW M4-11		P02615-01	1	1	1	1	1
42	SELF TAPPING SCR W M4-21		P02616-01	1	1	1	1	1
43	THERMISTOR - CUBE CONTROL		P00350-01	1	1	1	1	1

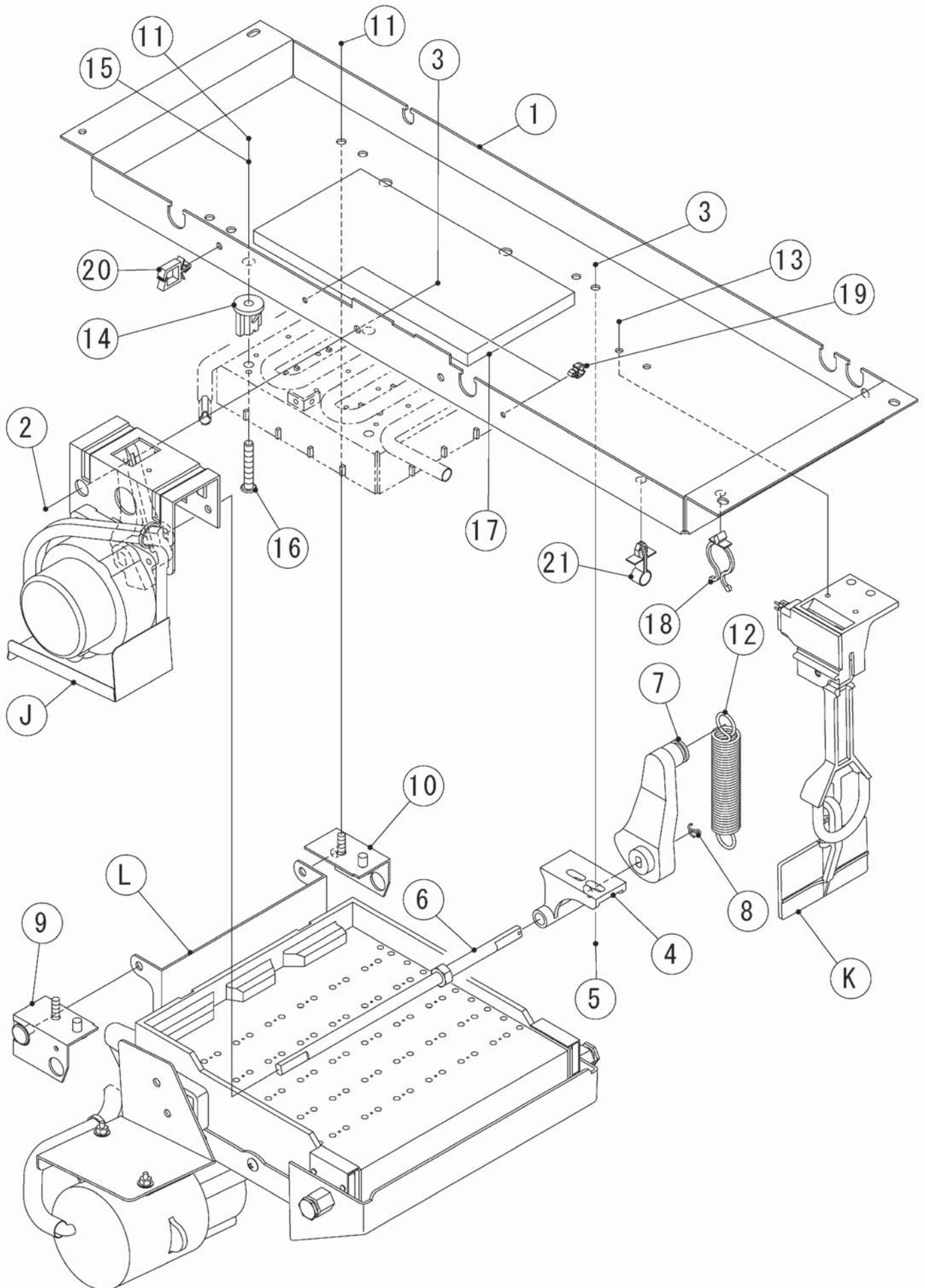
HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:B.REFRIGERATION ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
H	FAN MOTOR ASSY		3E0059A01	1	1	1	1	
1	WIRE SADDLE		428060-02	1	1	1	1	
2	BASE		1H4829M01	1	1	1	1	
3	CONDENCER		P03372-01	1	1	1	1	
4	FLANGE BOLT (C-TITE)		FTR0408M0	2	2	2	2	
5	SHROUD		3Y5606M01	1	1	1	1	
6	TRUSS HEAD TAPPING SCREW T2		FT20408F0	6	6	6	6	
7	PIPE(A) - LOW SIDE		3Y5607G01	1	1	1	1	
8	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0612F0	2	2	2	2	
9	TEE		417394-01	1	1	1	1	
10	PIPE(A) - HIGH SIDE		4Y7160M01	1	1	1	1	
11	PIPE(B) - HIGH SIDE		4Y7161M01	1	1	1	1	
12	PIPE(A) - HOT		4Y7162M01	1	1	1	1	
13	STRAINER		P00008-01	1	1	1	1	
14	HOT GAS VALVE		P02539-01	1	1	1	1	
15	PIPE(C) - HIGH SIDE		4Y7163M01	1	1	1	1	
16	DRIER		P03584-01	1	1	1	1	
17	TIE		P05042-01	2	2	2	2	
18	PROSESS PIPE		4Y7164M01	1	1	1	1	
19	EVAPORATOR	(IM-45CNE)	3H5611G02	1	-	-	-	
			2E0053G01	-	1	1	1	
		(IM-45CNE-25)	3H3941G01	1	1	1	-	
			2E0056G01	-	-	-	1	
20	HOLDER - THERMISTOR		315479-01	1	1	1	1	
21	TRUSS HEAD TAPPING SCREW (S-TITE)		FTS0408M0	1	1	1	1	
22	HEAT EXCHANGER		4X5640G01	1	1	1	1	
23	PIPE(B) - HOT		3Y5859G01	1	1	1	1	
24	Insulation Tube - FSA		H81323450	1	1	1	1	
25	Insulation Tube (Food Sanitation Law)		H81020650	1	1	1	1	
26	NYLON TIE	CV-100	7920-0002	1	1	1	1	
27	NYLON TIE	CV-100	7920-0002	4	4	4	4	

HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:B.REFRIGERATION ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
28	COMPRESSOR	(50Hz)	P02286-01	1	1	1	1	
		(60Hz)	P02617-01	1	1	1	1	
29	PIN		P02605-01	4	4	4	4	
30	WASHER		P02606-01	4	4	4	4	
31	CLAMP		P02607-01	4	4	4	4	
32	RUBBER GROMMET		P02608-01	4	4	4	4	
33	HERMETIC TERMINAL COVER		P03143-01	1	1	1	1	
34	SCREW		P00840-01	2	2	2	2	
36	START CAPACITOR	(50Hz)	P02620-01	1	1	1	1	
		(60Hz)	P02611-01	1	1	1	1	
37	TERMINAL BOARD		P02612-01	1	1	1	1	
38	STARTING RELAY	(50Hz)	P02613-01	1	1	1	1	
		(60Hz)	P02619-01	1	1	1	1	
39	MOTER PROTECTOR	(50Hz)	P02618-01	1	1	1	1	
		(60Hz)	P02614-01	1	1	1	1	
40	Overload Protector Bracket		P02815-01	1	1	1	1	
41	SELF TAPPING SCREW M4-11		P02615-01	1	1	1	1	
42	SELF TAPPING SCR W M4-21		P02616-01	1	1	1	1	
43	THERMISTOR - CUBE CONTROL		P00350-01	1	1	1	1	

IM-45CNE
IM-45CNE-25 C. ICE MAKING MECHANISM ASSY (A-1) and later



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:C.ICE MAKING MECHANISM ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
J	ACTUATOR MOTOR ASSY	(50Hz)	3Y5641A01	1	1	1	-	-
			3Y8837A01	-	-	-	1	1
		(60Hz)	3Y5641A01	1	1	1	1	-
			3Y8837A01	-	-	-	-	1
K	BIN SWITCH ASSY		3H1537A08	1	1	1	1	1
L	WATER PAN ASSY	(IM-45CNE-25)	2X0437A01	1	1	1	1	1
			2X0437A02	1	1	1	1	1
1	BRACKET - ICE MAKING MECHANISM	(IM-45CNE)	2X0468M01	1	1	1	1	1
		(IM-45CNE-25)	2X0910M01	1	1	1	1	1
2	TRUSS HEAD MACHINE SCREW		FST0512S0	2	2	2	2	2
3	FLANGE NUT		FNHF05S0	4	4	4	4	4
4	CAM SHAFT BEARING		307256-02	1	1	1	1	1
5	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0516S0	2	2	2	2	2
6	CAM SHAFT		4H2589G01	1	1	1	1	1
7	CAM (B)		3H1389-01	1	1	1	1	1
8	COTTER PIN		711S-0212	1	1	1	1	1
9	BEARING (FRONT) - WATER PAN		4H2591G02	1	1	1	1	1
10	BEARING (REAR) - WATER PAN		4H2592G02	1	1	1	1	1
11	FLANGE NUT		FNHF06S0	6	6	6	6	6
12	SPRING		4H2640-01	1	1	1	1	1
13	TRUSS HEAD TAPPING SCREW T2		FT20410M0	2	2	2	2	2
14	SPACER	(IM-45CNE)	4H0471-01	4	4	4	4	4
		(IM-45CNE-25)	4X5342-01	4	4	4	4	4
15	WASHER		4H0777-01	4	4	4	4	4
16	SCREW EVAPORATOR		4Y4922M02	4	4	4	4	4
17	INSULATION (D)		4Y7347P01	1	1	1	1	1
18	CLAMP		P04381-01	1	1	1	1	1
19	CLAMP		426197-01	2	2	2	2	2
20	WIRE SADDLE		428060-02	1	1	1	1	1
21	CLAMP		P04381-01	1	1	1	1	1

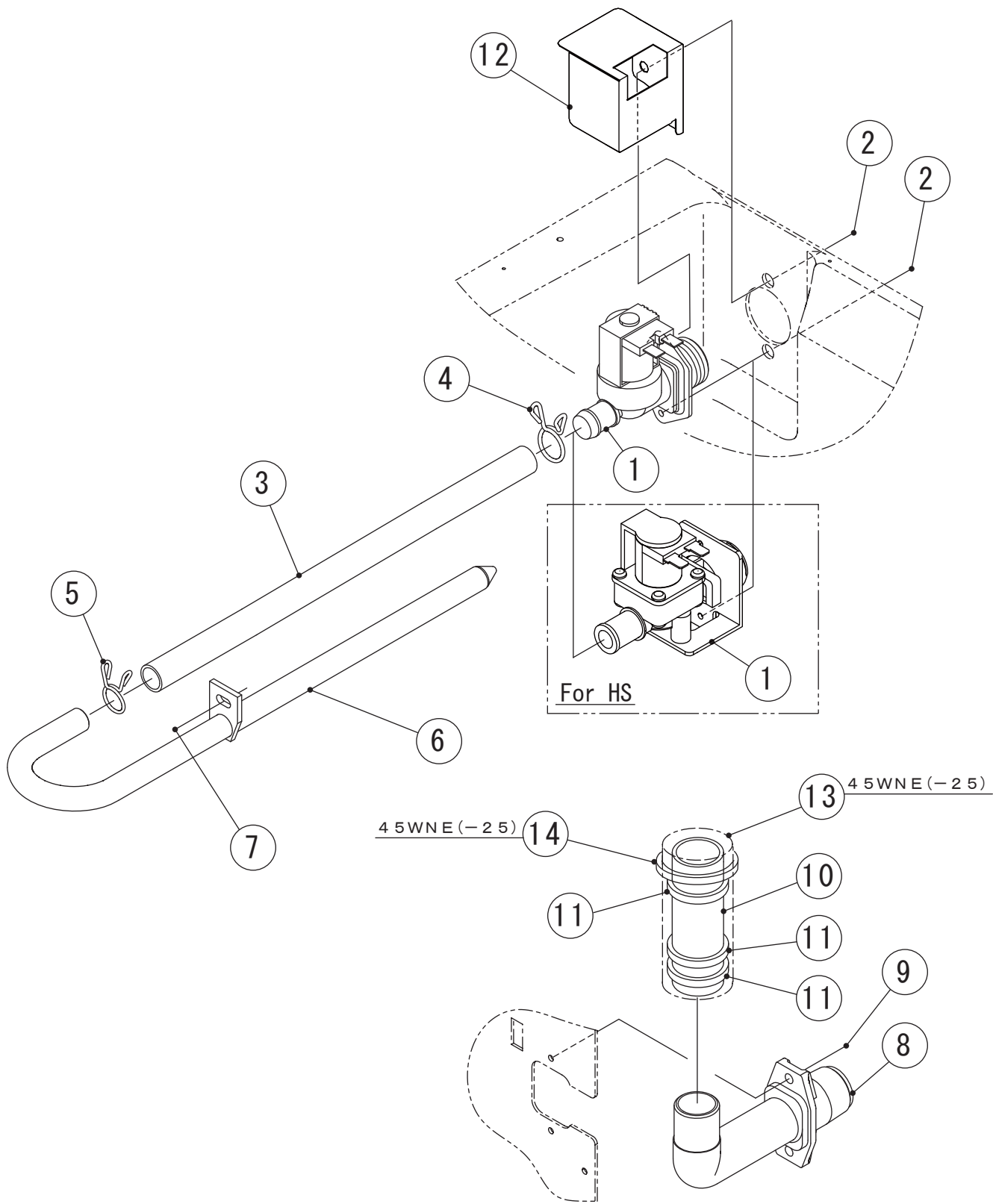
HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25			TITLE:C.ICE MAKING MECHANISM ASSY					
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
J	ACTUATOR MOTOR ASSY		3Y8837A01	1	1	1	1	
K	BIN SWITCH ASSY		3H1537A08	1	1	1	1	
L	WATER PAN ASSY	(IM-45CNE-25)	2X0437A01	1	1	1	1	
			2X0437A02	1	1	1	1	
1	BRACKET - ICE MAKING MECHANISM	(IM-45CNE)	2X0468M01	1	1	1	1	
		(IM-45CNE-25)	2X0910M01	1	1	1	1	
2	TRUSS HEAD MACHINE SCREW		FST0512S0	2	2	2	2	
3	FLANGE NUT		FNHF05S0	4	4	4	4	
4	CAM SHAFT BEARING		307256-02	1	1	1	1	
5	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0516S0	2	2	2	2	
6	CAM SHAFT		4H2589G01	1	1	1	1	
7	CAM (B)		3H1389-01	1	1	1	1	
8	COTTER PIN		711S-0212	1	1	1	1	
9	BEARING (FRONT) - WATER PAN		4H2591G02	1	1	1	1	
10	BEARING (REAR) - WATER PAN		4H2592G02	1	1	1	1	
11	FLANGE NUT		FNHF06S0	6	6	6	6	
12	SPRING		4H2640-01	1	1	1	1	
13	TRUSS HEAD TAPPING SCREW T2		FT20410M0	2	2	2	2	
14	SPACER	(IM-45CNE)	4H0471-01	4	4	4	4	
		(IM-45CNE-25)	4X5342-01	4	4	4	4	
15	WASHER		4H0777-01	4	4	4	4	
16	SCREW EVAPORATOR		4Y4922M02	4	4	4	4	
17	INSULATION (D)		4Y7347P01	1	1	1	1	
18	CLAMP		P04381-01	1	1	1	1	
19	CLAMP		426197-01	2	2	2	2	
20	WIRE SADDLE		428060-02	1	1	1	1	
21	CLAMP		P04381-01	1	1	1	1	

IM-45NE
IM-45NE-25
IM-45WNE
IM-45WNE-25
IM-45CNE
IM-45CNE-25

D. WATER CIRCUIT ASSY

(A-1) and later



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:D.WATER CIRCUIT ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	WATER VALVE		P05355-01	1	1	1	1	1
		(KOREA)	P02056-01	1	1	1	1	1
	WATER VALVE ASSY	HS ONLY	4Z0427A01	1	1	1	1	1
2	HEX HEAD SCREW		FBF0408S0	2	2	2	2	2
3	SILICONE HOSE		4Y6912R03	1	1	1	1	1
4	HOSE CLAMP		435934-03	1	1	1	1	1
5	HOSE CLAMP		435934-02	1	1	1	1	1
6	WATER SUPPLY PIPE		3H9530G01	1	1	1	1	1
7	TRUSS HEAD MACHINE SCREW		FST0408S0	1	1	1	1	1
8	DRAIN PIPE		3H0394-01	1	1	1	1	1
9	TRUSS HEAD TAPPING SCREW T2		FT20408S0	2	2	2	2	2
10	PVC HOSE		HD2226080	1	1	1	1	1
11	TIE	CV-150	7920-0003	1	1	1	1	1
12	COVER-WATER VALVE		3Y6277M01	1	1	1	1	1
		HS ONLY	-	-	-	-	-	
13	INSULATION TUBE		H72636080	1	1	1	1	1
14	TIE	CV-200	7920-0010	1	1	1	1	1

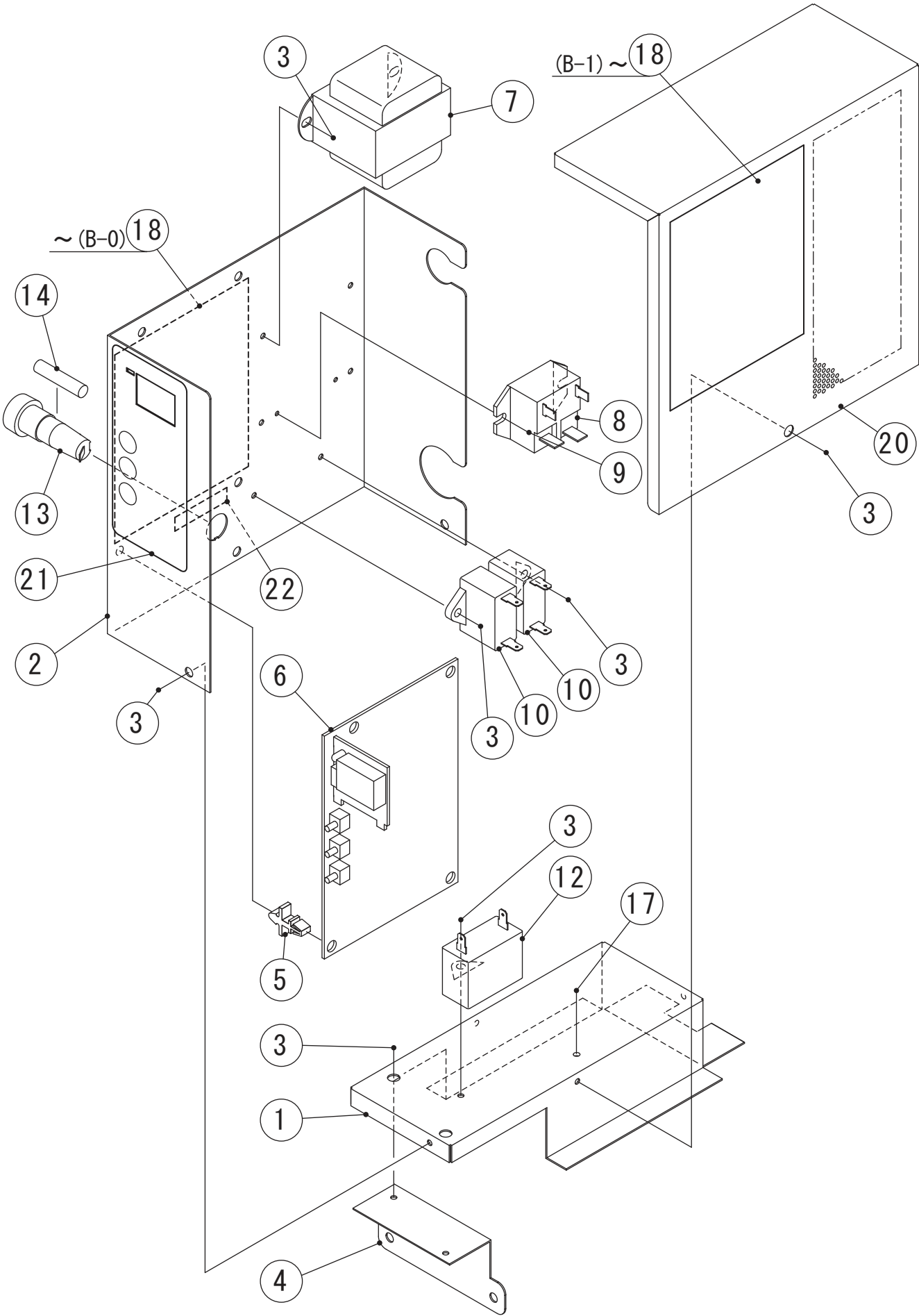
HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:D.WATER CIRCUIT ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	WATER VALVE		P05355-01	1	1	1	1	
		(KOREA)	P02056-01	1	1	1	1	
	WATER VALVE ASSY	HS ONLY	4Z0427A01	1	1	1	1	
2	HEX HEAD SCREW		FBF0408S0	2	2	2	2	
3	SILICONE HOSE		4Y6912R03	1	1	1	1	
4	HOSE CLAMP		435934-03	1	1	1	1	
5	HOSE CLAMP		435934-02	1	1	1	1	
6	WATER SUPPLY PIPE		3H9530G01	1	1	1	1	
7	TRUSS HEAD MACHINE SCREW		FST0408S0	1	1	1	1	
8	DRAIN PIPE		3H0394-01	1	1	1	1	
9	TRUSS HEAD TAPPING SCREW T2		FT20408S0	2	2	2	2	
10	PVC HOSE		HD2226080	1	1	1	1	
11	TIE	CV-150	7920-0003	1	1	1	1	
12	COVER-WATER VALVE		3Y6277M01	1	1	1	1	
		HS ONLY	-	-	-	-	-	
13	INSULATION TUBE		H72636080	1	1	1	1	
14	TIE	CV-200	7920-0010	1	1	1	1	

IM-45NE
IM-45NE-25
IM-45WNE
IM-45WNE-25
IM-45CNE
IM-45CNE-25

E. CONTROL BOX ASSY

(A-1) and later

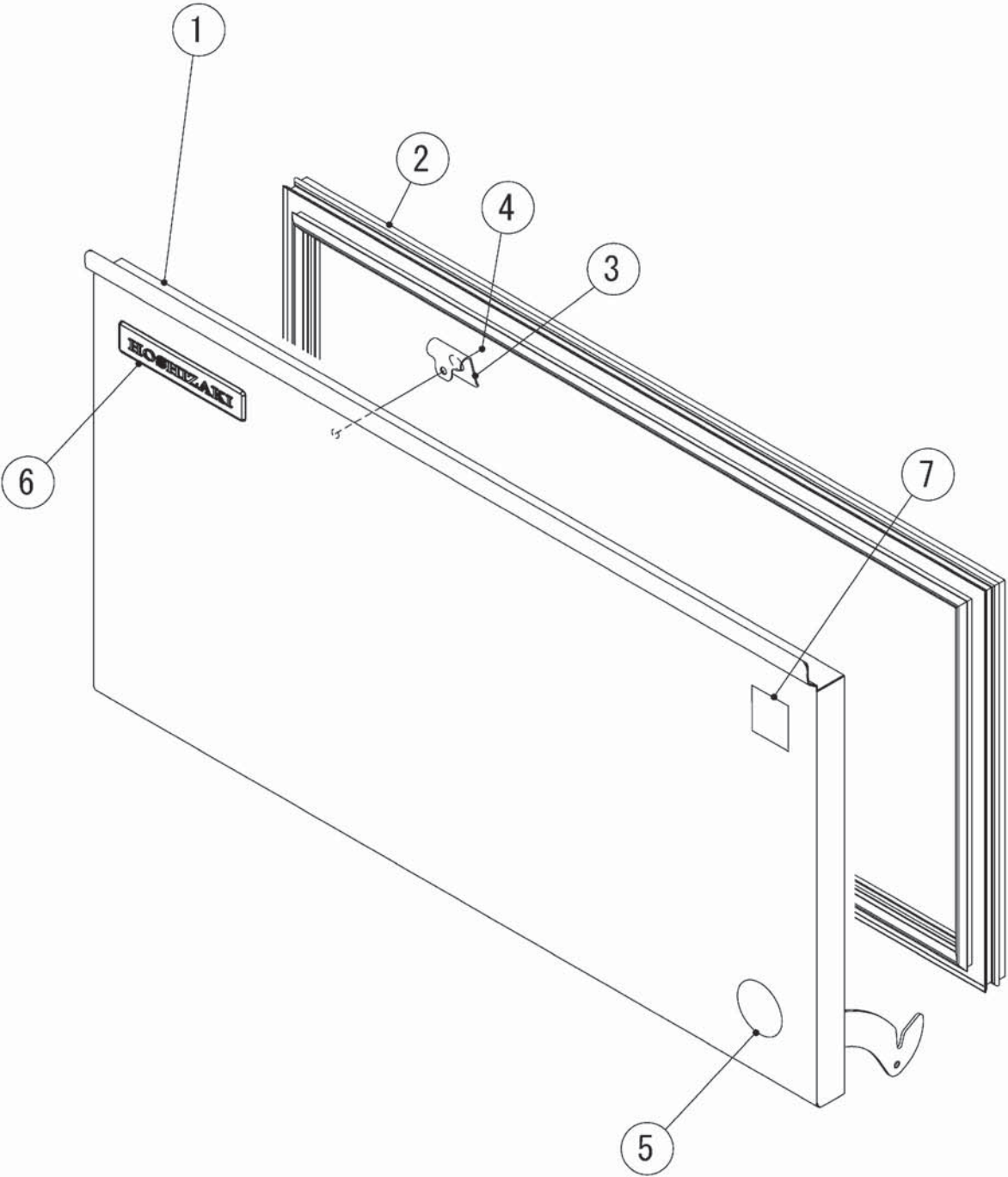


HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:E.CONTROL BOX ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	CONTROL BOX (A)		3Y5611M01	1	1	1	1	1
2	CONTROL BOX(B)		2X0438M01	1	-	-	-	-
			2X1216M01	-	1	1	1	1
3	TRUSS HEAD TAPPING SCREW T2		FT20410F0	11	11	11	11	11
4	PLATE - BOX		4Y7215M01	1	1	1	1	1
5	BOARD SUPPORT		P04204-01	4	4	4	4	4
6	CONTROLLER BOARD		P01873-01	1	1	1	1	1
7	TRANSFORMER		P02714-01	1	1	1	1	1
8	POWER RELAY		P02203-02	1	1	1	1	1
9	TAPPING SCREW T2		431415-01	2	2	2	2	2
10	CAPACITOR		P01870-01	2	2	2	2	2
12	CAPACITOR		P02158-01	1	1	1	1	1
13	FUSE HOLDER		P00014-01	1	-	-	-	-
			P02829-01	-	1	1	1	1
14	FUSE		P01876-01	1	-	-	-	-
			P04203-01	-	1	1	1	1
17	TRUSS HEAD MACHINE SCREW		FST0408S0	1	1	1	1	1
18	WIRING LABEL		3Y5648L01	1	1	1	1	1
20	CONTROL BOX COVER		3Y5612M01	1	1	1	1	1
21	CONTROL LABEL		475642L01	1	1	1	1	1
22	LABEL - FUSE		466798-01	1	1	1	1	1

HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:E.CONTROL BOX ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	CONTROL BOX (A)		3Y5611M01	1	1	1	1	
2	CONTROL BOX(B)		2X1216M01	1	1	1	1	
3	TRUSS HEAD TAPPING SCREW T2		FT20410F0	11	11	11	11	
4	PLATE - BOX		4Y7215M01	1	1	1	1	
5	BOARD SUPPORT		P04204-01	4	4	4	4	
6	CONTROLLER BOARD	(IM-45CNE)	P01873-01	1	-	-	-	
			P01873-02	-	1	1	1	
		(IM-45CNE-25)	P01873-01	1	1	1	-	
			P01873-02	-	-	-	1	
7	TRANSFORMER		P02714-01	1	1	1	1	
8	POWER RELAY		P02203-02	1	1	1	1	
9	TAPPING SCREW T2		431415-01	2	2	2	2	
10	CAPACITOR		P01870-01	2	2	2	2	
12	CAPACITOR		P02158-01	1	1	1	1	
13	FUSE HOLDER		P02829-01	1	1	1	1	
14	FUSE		P04203-01	1	1	1	1	
17	TRUSS HEAD MACHINE SCREW		FST0408S0	1	1	1	1	
18	WIRING LABEL		3Y5648L01	1	1	1	1	
20	CONTROL BOX COVER		3Y5612M01	1	1	1	1	
21	CONTROL LABEL		475642L01	1	1	-	-	
	CONTROL LABEL(A)		481284L01	-	-	1	1	
22	LABEL - FUSE		466798-01	1	1	1	1	



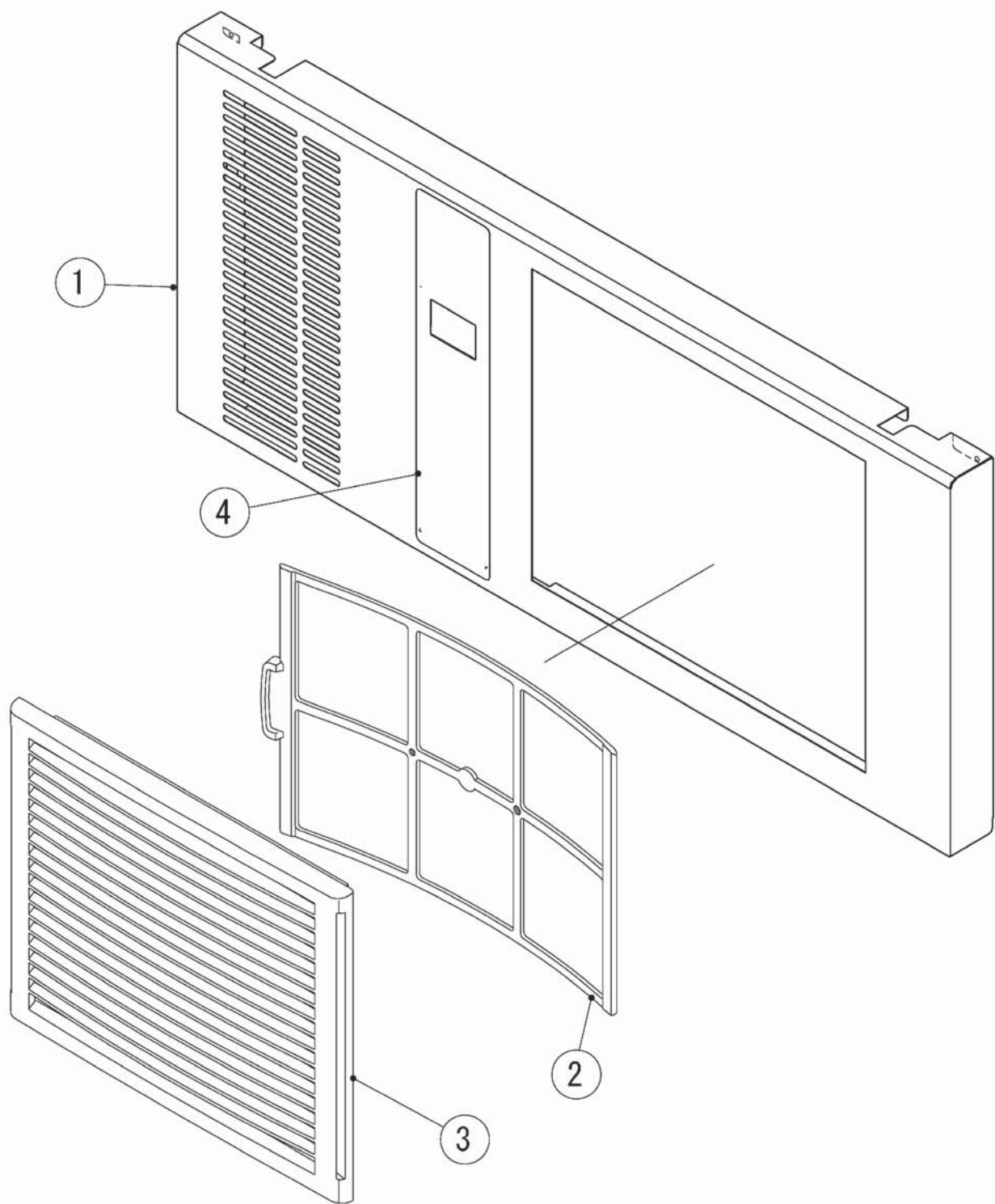
HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:F.DOOR ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	DOOR - INSULATION		2X0466G01	1	1	1	1	1
		(GRAM)	2X0466G03	-	1	1	1	1
2	DOOR GASKET		3Y8291P03	1	1	1	1	1
3	CATCH - SLOPE		4X7644-01	1	1	1	1	1
4	TRUSS HEAD TAPPING SCREW T2		FT20408S0	1	1	1	1	1
5	LABEL - PENGUIN	(Except GRAM)	468184-01	1	1	1	1	1
6	EMBLEM		340842-01	1	1	1	1	1
	EMBLEM-GRAM	(GRAM)	4Y6123L01	-	1	1	1	1
7	LABEL - HACCP		476519L01	1	1	1	1	1

HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:F.DOOR ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	DOOR - INSULATION		2X0466G01	1	1	1	1	
		(GRAM)	2X0466G03	1	1	1	1	
2	DOOR GASKET		3Y8291P03	1	1	1	1	
3	CATCH - SLOPE		4X7644-01	1	1	1	1	
4	TRUSS HEAD TAPPING SCREW T2		FT20408S0	1	1	1	1	
5	LABEL - PENGUIN	(Except GRAM)	468184-01	1	1	1	1	
6	EMBLEM		340842-01	1	1	1	1	
	EMBLEM-GRAM	(GRAM)	4Y6123L01	1	1	1	1	
7	LABEL - HACCP		476519L01	1	1	1	1	

IM-45CNE
IM-45CNE-25 G. FRONT PANEL LOWER ASSY (A-1) and later



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:G.FRONT PANEL LOWER ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	FRONT PANEL		2X0467M01	1	1	1	1	1
2	AIR FILTER		2X0416G01	1	1	1	1	1
3	LOUVER		1H4811P01	1	1	1	1	1
4	OPERATION LABEL		375116L03	1	1	1	1	1

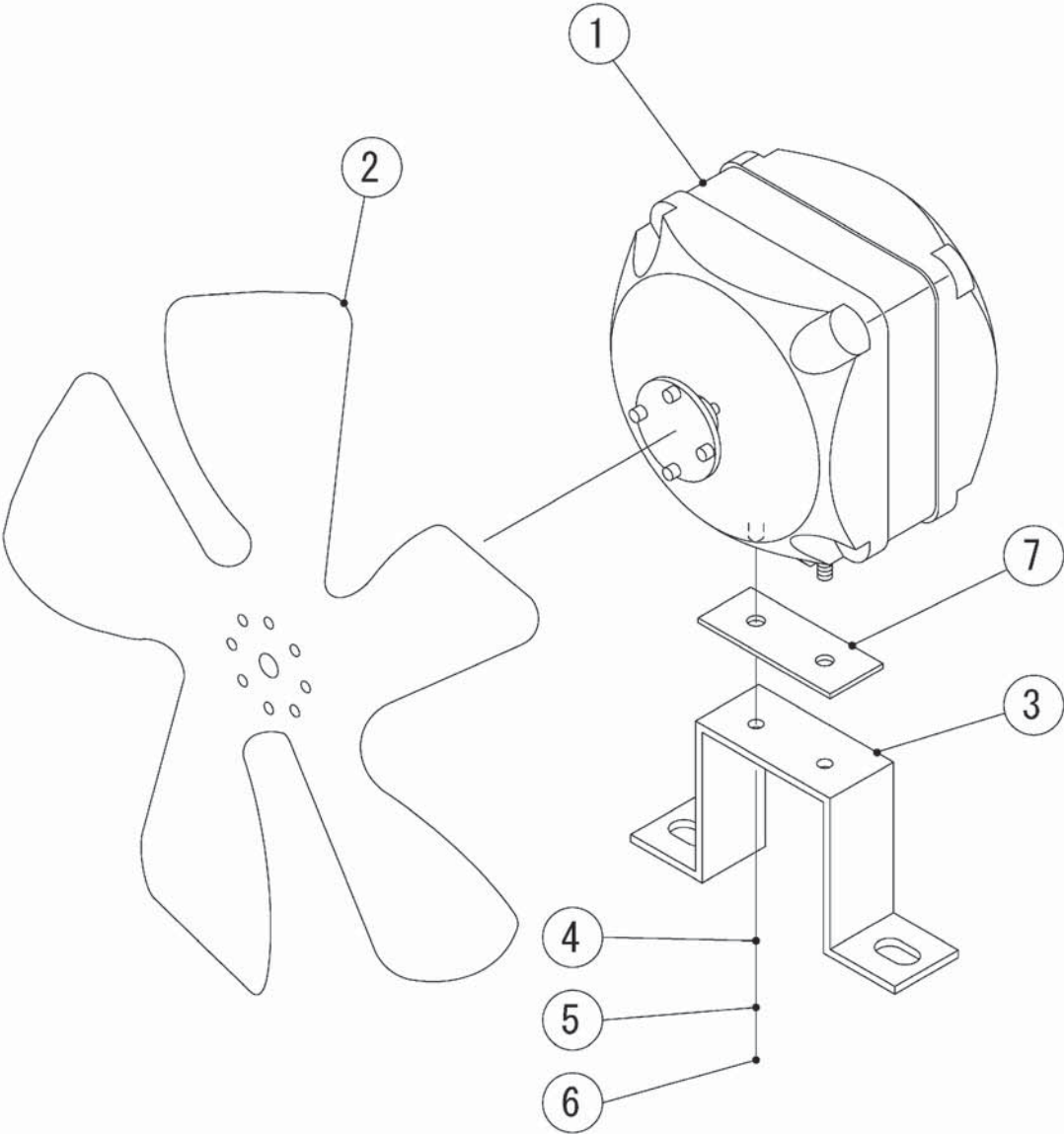
HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:G.FRONT PANEL LOWER ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	FRONT PANEL		2X0467M01	1	1	1	1	
2	AIR FILTER		2X0416G01	1	1	1	1	
3	LOUVER		1H4811P01	1	1	1	1	
4	OPERATION LABEL		375116L03	1	1	1	1	

IM-45NE
IM-45NE-25
IM-45CNE
IM-45CNE-25

H. FAN MOTOR ASSY

(A-1) and later



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:H.FAN MOTOR ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	FAN MOTOR	REGAL	P05835-02	1	1	1	1	1
2	FAN		P05865-01	1	1	1	1	1
3	BRACKET - FM		P05871-01	1	1	1	1	1
4	FLAT WASHER		FWPL04S0	2	2	2	2	2
5	SPRING WASHER		FWSP04S0	2	2	2	2	2
6	NUT		FNH104S0	2	2	2	2	2
7	SPACER		4X3927-01	1	1	1	1	1

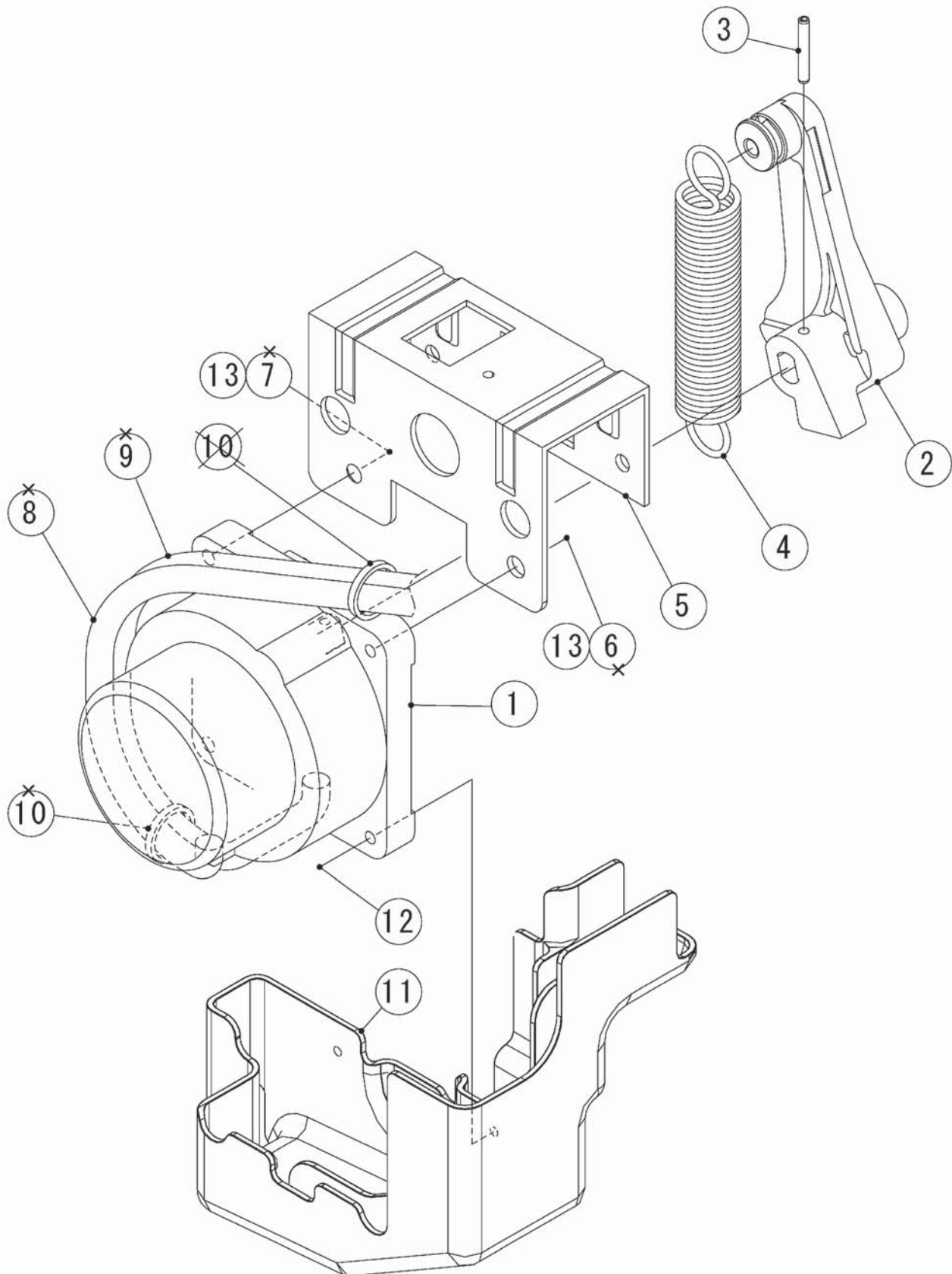
HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:H.FAN MOTOR ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	FAN MOTOR	REGAL	P05835-02	1	1	1	1	
2	FAN		P05865-01	1	1	1	1	
3	BRACKET - FM		P05871-01	1	1	1	1	
4	FLAT WASHER		FWPL04S0	2	2	2	2	
5	SPRING WASHER		FWSP04S0	2	2	2	2	
6	NUT		FNH104S0	2	2	2	2	
7	SPACER		4X3927-01	1	1	1	1	

IM-45NE
 IM-45NE-25
 IM-45WNE
 IM-45WNE-25
 IM-45CNE
 IM-45CNE-25

J. ACTUATOR MOTOR ASSY

(A-1) and later

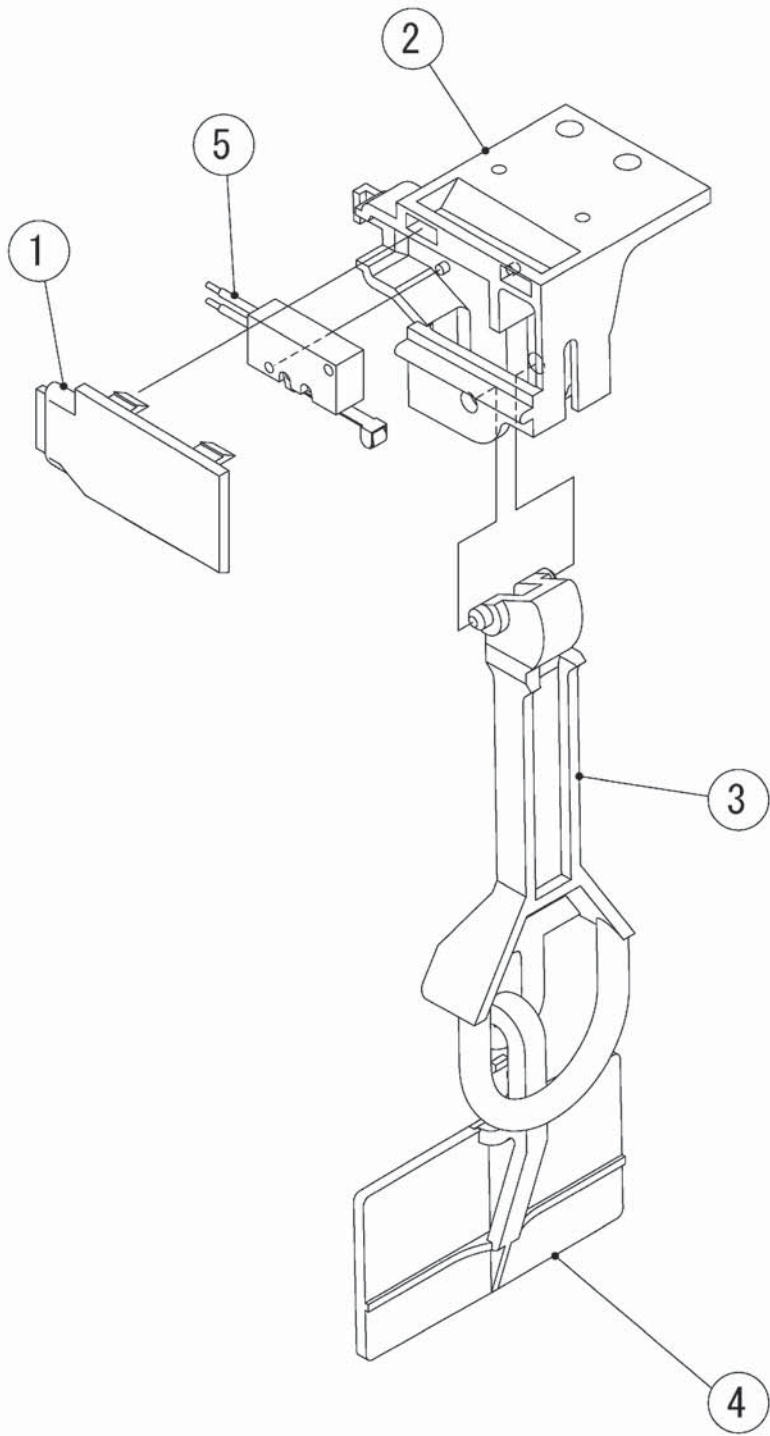


HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25			TITLE:J.ACTUATOR MOTOR ASSY					
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	ACTUATOR MOTOR	(50Hz)	P01869-01	1	1	1	-	-
			4Y8998G01	-	-	-	1	1
		(60Hz)	P01869-01	1	1	1	1	-
			4Y8998G01	-	-	-	-	1
2	CAM (A)		3Y2277P01	1	1	1	1	1
3	SPRING PIN		712S-0322	1	1	1	1	1
4	SPRING		4H2640-01	1	1	1	1	1
5	BRACKET - ACTUATOR MOTOR	(50Hz)	3H1388-04	1	1	1	-	-
			3Y8832M01	-	-	-	1	1
		(60Hz)	3H1388-04	1	1	1	1	-
			3Y8832M01	-	-	-	-	1
6	TRUSS HEAD MACHINE SCREW		FST0612S0	1	1	1	-	-
7	FLAT HEAD MACHINE SCREW		FSF0612S0	1	1	1	-	-
8	TUBE - SILICONE		4Y6751Z08	1	1	1	-	-
9	TUBE - SILICONE		4X8017-01	1	-	-	-	-
10	TIE	CV-150	7920-0003	1	1	1	-	-
11	COVER - ACTUATOR MOTOR		1H4881P01	1	1	1	1	1
12	T2 TRUSS HEAD SCREW		FT20416S0	2	2	2	2	2
13	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)	(50Hz)	FBK0620S0	-	-	-	2	2
		(60Hz)					-	2

HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:J.ACTUATOR MOTOR ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	ACTUATOR MOTOR	(50Hz)	4Y8998G01	1	1	1	1	
		(60Hz)	4Y8998G01	1	1	1	1	
2	CAM (A)		3Y2277P01	1	1	1	1	
3	SPRING PIN		712S-0322	1	1	1	1	
4	SPRING		4H2640-01	1	1	1	1	
5	BRACKET - ACTUATOR MOTOR		3Y8832M01	1	1	1	1	
11	COVER - ACTUATOR MOTOR		1H4881P01	1	1	1	1	
12	T2 TRUSS HEAD SCREW		FT20416S0	2	2	2	2	
13	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0620S0	2	2	2	2	



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:K.BIN SWITCH ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	SWITCH BOX COVER		4H8785-01	1	1	1	1	1
2	SWICH BOX		2H2043-01	1	1	1	1	1
3	SWITCH ACTUATOR		3H1369-01	1	1	1	1	1
4	DETECTOR		3H9308-01	1	1	1	1	1
5	MICRO SWITCH		456432-02	1	1	1	1	1

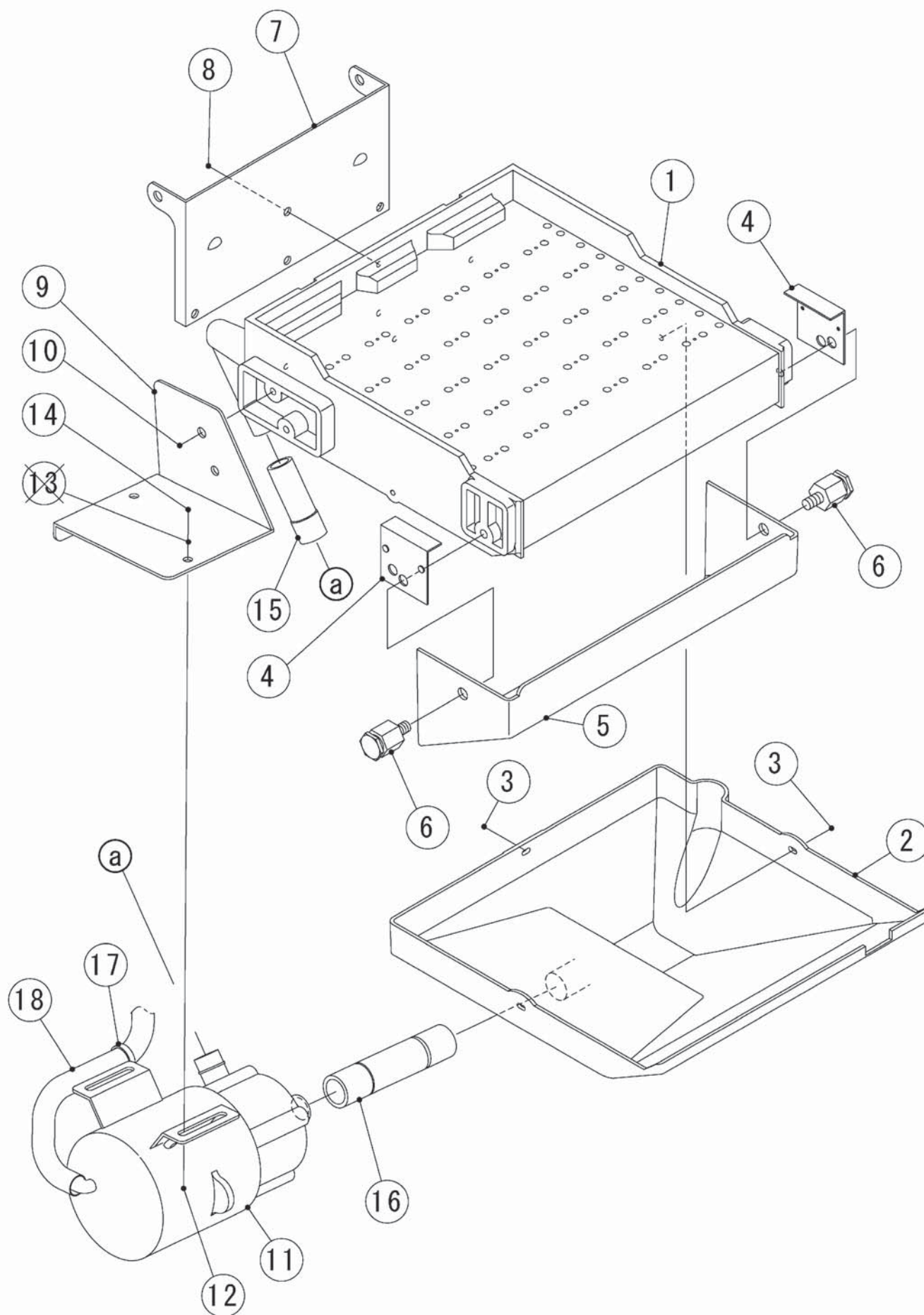
HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:K.BIN SWITCH ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	SWITCH BOX COVER		4H8785-01	1	1	1	1	
2	SWICH BOX		2H2043-01	1	1	1	1	
3	SWITCH ACTUATOR		3H1369-01	1	1	1	1	
4	DETECTOR		3H9308-01	1	1	1	1	
5	MICRO SWITCH		456432-02	1	1	1	1	

IM-45NE
 IM-45NE-25
 IM-45WNE
 IM-45WNE-25
 IM-45CNE
 IM-45CNE-25

L. WATER PAN ASSY

(A-1) and later



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:L.WATER PAN ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	WATER PLATE	(IM-45CNE)	2H0402G02	1	1	1	1	1
		(IM-45CNE-25)	2H0402G03	1	1	1	1	1
2	WATER TANK(AD)		4X4159-02	1	1	1	1	1
3	TRUSS HEAD TAPPING SCREW T2		FT20408S0	3	3	3	3	3
4	PLATE - LUBRICATION		4H0448-01	2	2	2	2	2
5	DRAIN GUIDE		3H5521-01	1	1	1	1	1
6	SCREW SPRING HOOK		4H2582G01	2	2	2	2	2
7	BRACKET - WATER PAN		4H2643-02	1	1	1	1	1
8	TRUSS HEAD TAPPING SCREW T2		FT20412M0	4	4	4	4	4
9	BRACKET - PUMP MOTOR		4Y7294M01	1	1	1	1	1
10	TRUSS HEAD TAPPING SCREW T2		FT20512M0	2	2	2	2	2
11	PUMP MOTOR		P04155-01	1	1	1	1	1
12	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0412S0	2	2	2	2	2
13	FLAT WASHER		FWPL04S0	-				
14	FLANGE NUT		FNHF04S0	2	2	2	2	2
15	DISCHARGE TUBING		4H1982-01	1	1	1	1	1
16	SUCTION TUBING		4H1922-02	1	1	1	1	1
17	NYLON TIE	CV-100	7920-0002	1	1	1	1	1
18	TUBE - SILICONE		4Y6751Z03	1	1	1	1	1

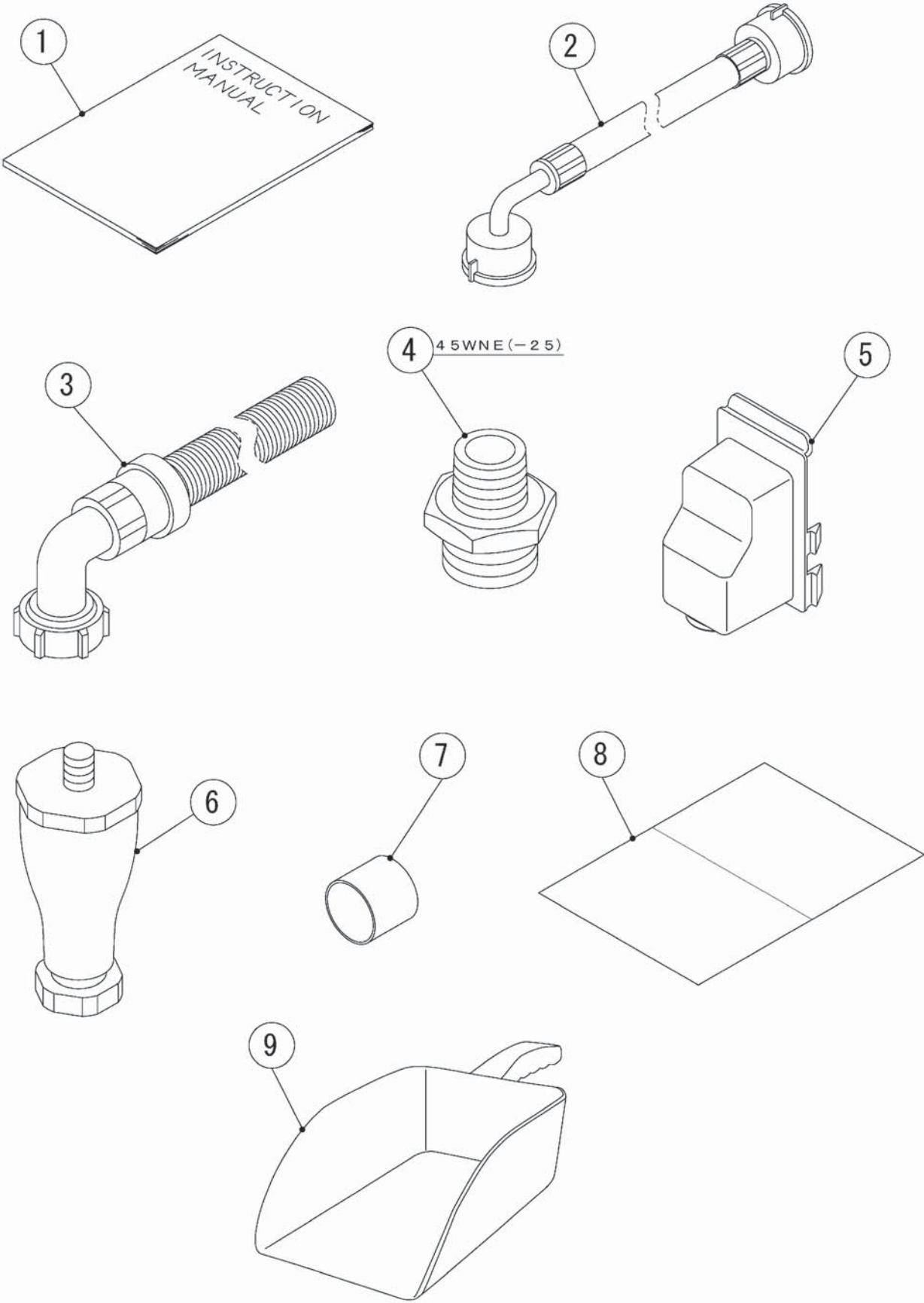
HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:L.WATER PAN ASSY				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	WATER PLATE	(IM-45CNE)	2H0402G02	1	1	1	1	
		(IM-45CNE-25)	2H0402G03	1	1	1	1	
2	WATER TANK(AD)		4X4159-02	1	1	1	1	
3	TRUSS HEAD TAPPING SCREW T2		FT20408S0	3	3	3	3	
4	PLATE - LUBRICATION		4H0448-01	2	2	2	2	
5	DRAIN GUIDE		3H5521-01	1	1	1	1	
6	SCREW SPRING HOOK		4H2582G01	2	2	2	2	
7	BRACKET - WATER PAN		4H2643-02	1	1	1	1	
8	TRUSS HEAD TAPPING SCREW T2		FT20412M0	4	4	4	4	
9	BRACKET - PUMP MOTOR		4Y7294M01	1	1	1	1	
10	TRUSS HEAD TAPPING SCREW T2		FT20512M0	2	2	2	2	
11	PUMP MOTOR		P04155-01	1	1	1	1	
12	HEX HEAD BOLT (SPRING WASHER AND FLAT WASHER)		FBK0412S0	2	2	2	2	
13	FLAT WASHER		FWPL04S0					
14	FLANGE NUT		FNHF04S0	2	2	2	2	
15	DISCHARGE TUBING		4H1982-01	1	1	1	1	
16	SUCTION TUBING		4H1922-02	1	1	1	1	
17	NYLON TIE	CV-100	7920-0002	1	1	1	1	
18	TUBE - SILICONE		4Y6751Z03	1	1	1	1	

IM-45NE
IM-45NE-25
IM-45WNE
IM-45WNE-25
IM-45CNE
IM-45CNE-25

M. ACCESSORIES

(A-1) and later



HE,GRAM,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE:M.ACCESSORIES				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				A-1 B-0	B-1,C-0 D-0	D-1 E-0	E-1 G-0	G-1
1	INSTRUCTION MANUAL		L1E1EC203	1	1	1	1	1
		(CHINA)	L1E1EC301	1	1	1	1	1
		(KOREA)	L1E1EC401	-	-	-	1	1
		(HL)	L1E1EC113	-	-	-	1	1
2	INLET HOSE	TC138-AF-HY	P03534-01	1	1	1	1	1
3	OUTLET HOSE		452365-01	1	1	1	1	1
4	-		-	-	-	-	-	-
5	COVER - CONNECTOR		2X0271P01	1	1	1	1	1
6	LEG		462576-02	4	4	4	4	4
7	CAP		417323-01	1	1	1	1	1
8	INSTRUCTION SHEET		121594L01	1	1	1	1	1
9	SCOOP		P00314-01	1	1	1	1	1

HE,GRAM,KOREA,HS

MODEL: IM-45CNE,IM-45CNE-25				TITLE: M.ACCESSORIES				
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQ'D NUMBER				
				G-2	G-3 J-0	J-1	J-2	
1	INSTRUCTION MANUAL		L1E1EC203	1	1	1	1	
		(CHINA)	L1E1EC301	1	1	1	1	
		(KOREA)	L1E1EC401	1	1	1	1	
		(HL)	L1E1EC113	1	1	1	1	
2	INLET HOSE	TC138-AF-HY	P03534-01	1	1	1	1	
3	OUTLET HOSE		452365-01	1	1	1	1	
5	COVER - CONNECTOR	EXCEPT(KOREA)	2X0271P01	1	1	1	1	
6	LEG		462576-02	4	4	4	4	
7	CAP		417323-01	1	1	1	1	
8	INSTRUCTION SHEET		121594L01	1	1	1	1	
9	SCOOP		P00314-01	1	1	1	1	