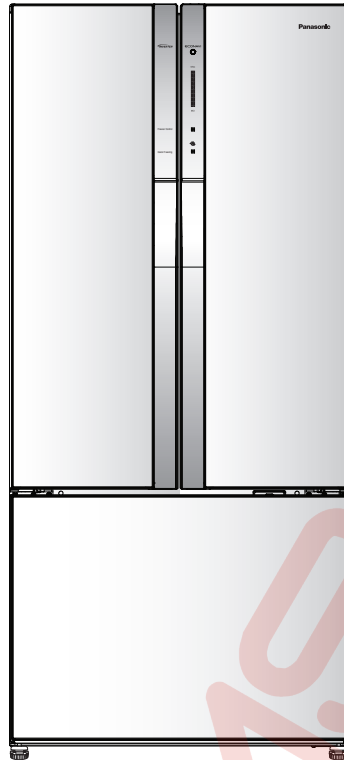


Service Manual



Refrigerator

NR-CY54AG
NR-CY557G

Product Colour

White (GW)
Marble White (GX)
Stainless Look (GS)

Destination

Thailand, Malaysia, Singapore,
Indonesia, Vietnam, Philippines,
Australia/New Zealand



CFCs have been used in refrigerant as refrigerator and the insulation materials for many years. But it is now known that these compounds which once seemed so ideal for use as cleaning agents and in refrigeration systems, destroy the earth's ozone layer as a result, an international body decided on a total worldwide ban of harmful CFCs by the end of 1995.

WARNING

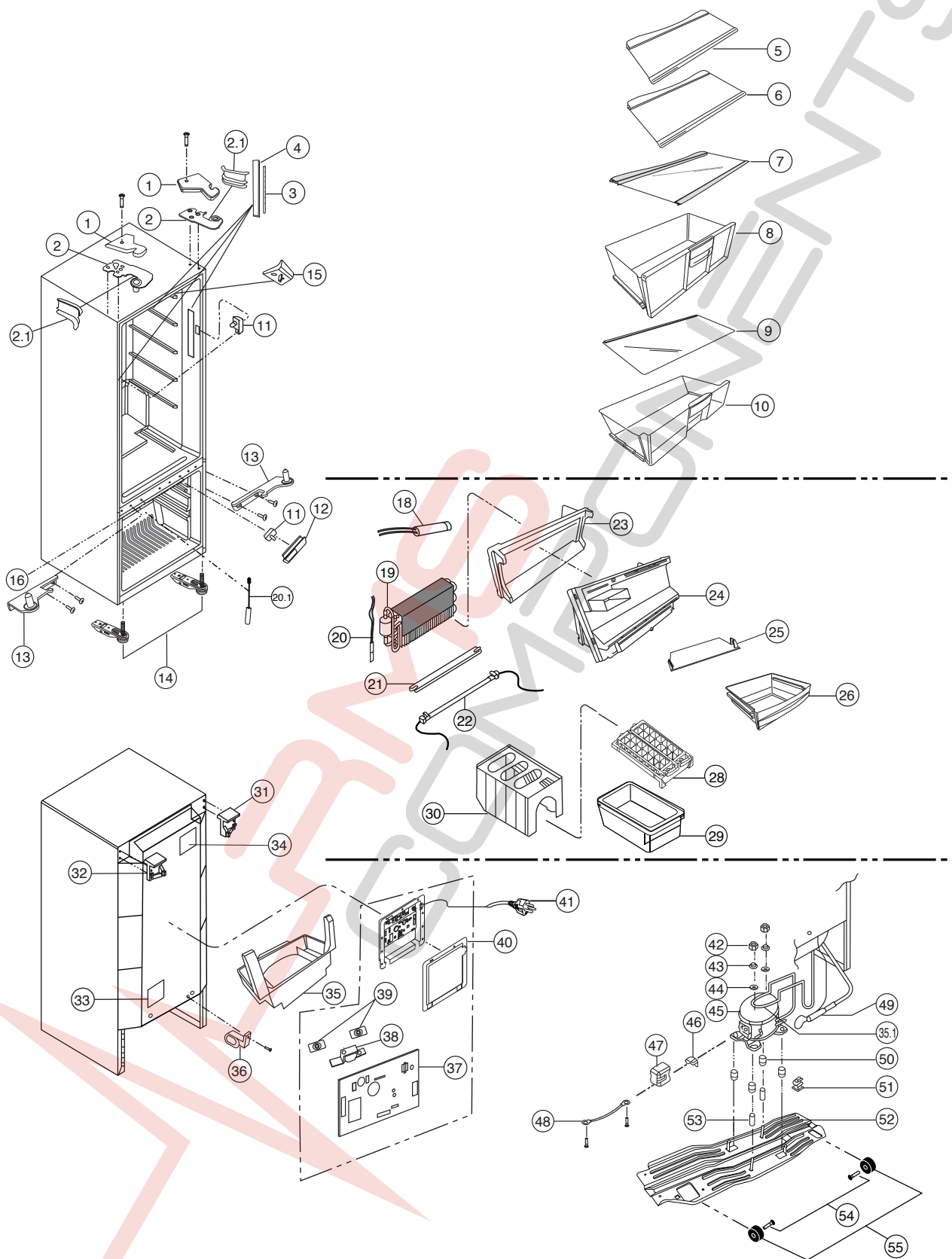
The service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt within this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

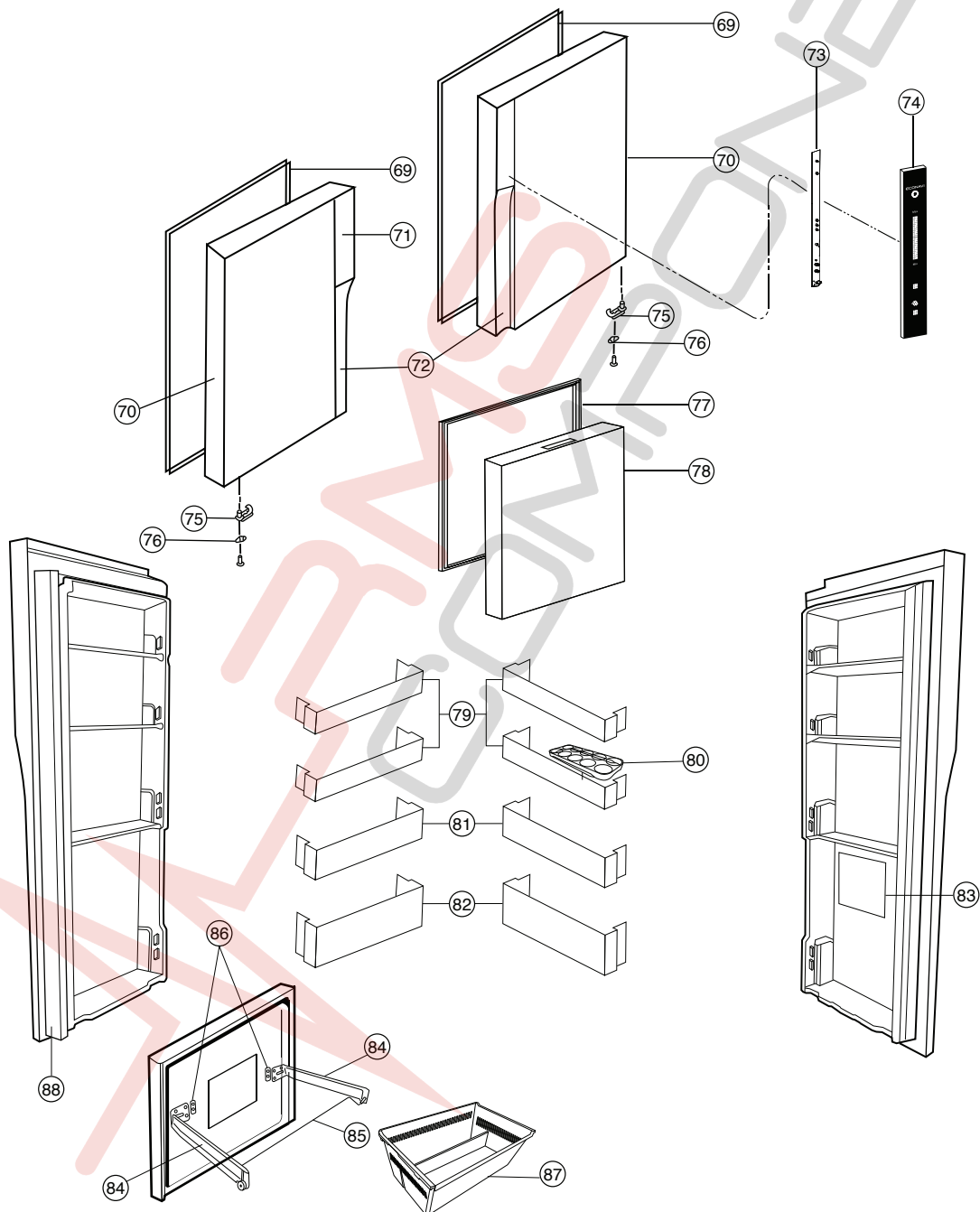
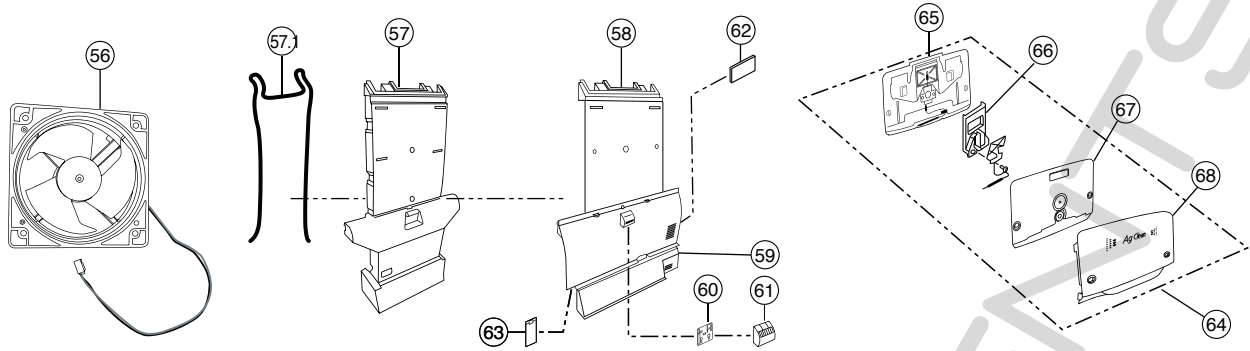
There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

14. PARTS EXPLODED VIEW AND REPLACEMENT PARTS LIST

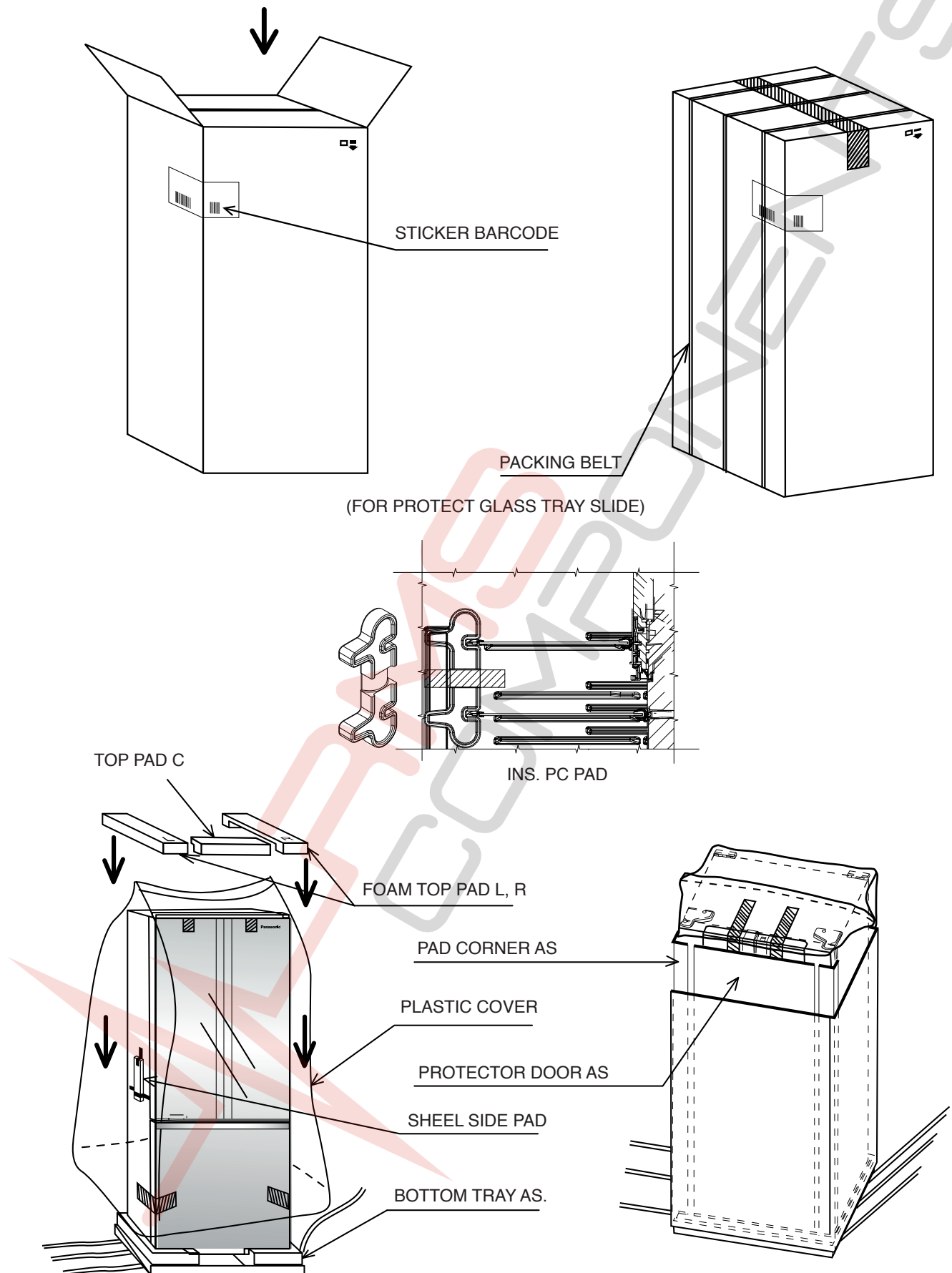
14.1 Parts Exploded View : Body



14.2 Parts Exploded View : Door



14.3 Parts Exploded View : Packing



14.4 REPLACEMENT PARTS LIST

Important safety notice :

Components identified by mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified part.

Parts List NR-CY54AG, NR-CY557G

Ref. No.	Part Name	Part No.	Safety	Model/Qty			Remark
				GW	GX	GS	
1	COVER HINGE TOP PCR	CNRAE-143140		1	1		KOREA WHITE SOLID
	COVER HINGE TOP PCL	CNRAE-143150		1	1		KOREA WHITE SOLID
	COVER HINGE TOP PCR	CNRAE-143370				1	GRAY
	COVER HINGE TOP PCL	CNRAE-143380				1	GRAY
2	HINGE TOP PCR	CNRAE-143180	S	1	1	1	
	HINGE TOP PCL	CNRAE-143191	S	1	1	1	
2.1	PIECE HINGE TOP PCR	CNRAE-139030		1	1	1	
	PIECE HINGE TOP PCL	CNRAE-143170		1	1	1	
3	PAS-BW/BY (LED PCB)	CNRBG-181512		2	2	2	
4	COVER LED LAMP R	CNRAH-291582		1	1	1	RIGHT
	COVER LED LAMP L	CNRAH-290283		1	1	1	LEFT
5	GLASS TRAY TS AS.	CNRBH-162130		1	1	1	INNOCENT WHITE
6	GLASS TRAY T AS.	CNRBH-162120		1	1	1	INNOCENT WHITE
7	GLASS TRAY CRISPER AS.	CNRBH-162150		1	1	1	INNOCENT WHITE
8	CRISPER AS.	CNRBH-162080		1	1	1	CLEAR GRAY SMOKE
9	GLASS TRAY CHILLED AS.	CNRBH-162160		1	1	1	INNOCENT WHITE
10	CHILLED CASE	CNRAH-325190		1	1	1	CLEAR GRAY SMOKE
11	DOOR SW.	CNRAG-153290		3	3	3	
12	CASE SW. FC-W	CNRAC-201540		1	1	1	
13	HINGE CENTER PCR	CNRAE-143200	S	1	1	1	RIGHT
	HINGE CENTER PCL	CNRAE-143210	S	1	1	1	LEFT
14	CASTER L AS.	CNRBC-377390		1	1	1	LEFT
	CASTER R AS.	CNRBC-377400		1	1	1	RIGHT
15	GUIDE FRENCH	CNRAC-251152		1	1	1	
16	CAP PAN H.4TS (W)	CNR39-162431		2	2	2	
18	SENSOR DEF.	CNRAG-140111		1	1	1	
19	COIL	CNRAF-196261		1	1	1	
20	TEMP FUSE AS.	CNRBG-180841	S	1	1	1	
20.1	SENSOR FCC	CNRAG-164250		1	1	1	
21	COVER RADIANT	CNRAG-163050		1	1	1	
22	HEATER AS. DEFROST	CNRAG-163041	S	1	1	1	
23	INS. COVER COIL F	CNRAF-177452		1	1	1	
24	COVER COIL	CNRAF-177372		1	1	1	
25	PLATE FC	CNRAH-261411		1	1	1	
26	CASE FCT	CNRAH-325200		1	1	1	CLEAR GRAY SMOKE
28	ICE CUBE TRAY AS.	CNRBH-135250		1	1	1	
29	BOX ICE TRAY	CNRAH-313590		1	1	1	CLEAR GRAY SMOKE
30	HOLDER ICE TRAY	CNRAH-261194		1	1	1	
31	HANGER SHELL R	CNRAC-206002		1	1	1	RIGHT
32	HANGER SHELL L	CNRAC-206012		1	1	1	LEFT
33	LABEL HC BACK-TH	CNRAH-269301	S	1		1	THAI
	LABEL HC BACK-EX	CNRAH-269292	S	1	1	1	ENGLISH
34	WIRING DIAGRAM GWPH	CNRAH-325300	S	1			
	WIRING DIAGRAM GWMY	CNRAH-325310	S	1			
	WIRING DIAGRAM GXMY	CNRAH-325320	S		1		
	WIRING DIAGRAM GWTH	CNRAH-325330	S	1			
	WIRING DIAGRAM GWVN	CNRAH-325340	S	1			
	WIRING DIAGRAM GXVN	CNRAH-325350	S		1		
	WIRING DIAGRAM GWSG	CNRAH-325360	S	1			
	WIRING DIAGRAM GW1D	CNRAH-325370	S	1			
	WIRING DIAGRAM GWAU	CNRAH-325380	S	1			
	WIRING DIAGRAM GSTH	CNRAH-329200	S			1	
	WIRING DIAGRAM GX1D	CNRAH-329210	S		1		
	WIRING DIAGRAM GSAU	CNRAH-329220	S			1	

Ref. No.	Part Name	Part No.	Safety	Model/Qty			Remark
				GW	GX	GS	
35	PAN WATER EVA.	CNRAF-196990		1	1	1	
36	CLAMP PIPE WATER EVA.	CNRAF-175252		1	1	1	
37	PAS-CY557 (CONTROL) AS.	CNRBG-201240		1	1	1	
38	REACTOR	CNRBG-165910		1	1	1	
39	RUBBER REACTOR	CNRAF-156140		2	2	2	
40	COVER CASE BOARD (GI)	CNRAC-214821		1	1	1	
41	SUPPLY CORD AS.-S3P	CNRBG-176222	S	1	1		GWMY,GXMY,GWSG
	SUPPLY CORD AS.-C2P	CNRBG-202300	S	1	1		GWVN,GXVN
	SUPPLY CORD AS.-K3P	CNRBG-185900	S	1		1	GWAU,GSAU
	SUPPLY CORD AS.-A2P	CNRBG-202290	S	1			GWPH
	SUPPLY CORD AS.-C3P	CNRBG-170952	S	1		1	GWTH,GSTH
	SUPPLY CORD AS.-C2P	CNRBG-202310	S	1	1		GW1D,GX1D
42	HEXAGON NUT 8	CNR38-8170A1		2	2	2	
43	SPRING WASHER 8	CNR38-4270A0		2	2	2	
44	8 WASHER	CNR38-4170A0		2	2	2	
45	COMP. ERI100E13DGH	CNR91-236280		1	1	1	
46	MOTOR PROTECTOR	CNR06-598071	S	1	1	1	
47	PROTECTOR COVER	CNRAG-170460		1	1	1	
48	EARTH WIRE AS. COMP. 230	CNRBG-156650		1	1	1	
49	5 DRYER W	CNR39-340920		1	1	1	
50	RUBBER GROMMET	CNR01-249530		4	4	4	
51	CLAMPER DRYER	CNR39-163082		1	1	1	
52	CROSSRAIL REAR	CNRAF-177400		1	1	1	
53	SLEEVE COMP.	CNRAJ-112932		2	2	2	
54	PIN CASTER	CNR02-325701		2	2	2	
55	ROLLER 40	CNRAC-116280		2	2	2	
56	FAN MOTOR FC	CNRAG-172530		1	1	1	
57	INS. DUCT PC	CNRAH-261251		1	1	1	
58	PLATE DUCT PC	CNRAH-325130		1	1	1	
59	PLATE DUCT PCB	CNRAH-325140		1	1	1	
60	LED KIBAN (VC)	CNRAG-163024		1	1	1	
61	COVER VC LED	CNRAH-261301		1	1	1	
62	AG BIO FILTER	CNRAH-245521		1	1	1	
63	PIECE DUCT PC	CNRAH-325150		1	1	1	
64	CONTROL PANEL AS.	CNRBH-162070		1	1	1	
65	INS. CONTROL PANEL PCB	CNRAH-261292		1	1	1	
66	BAFFLE DAMPER THERMO AS.	CNRBG-184010		1	1	1	
67	INS. CONTROL PANEL PCF	CNRAH-261283		1	1	1	
68	CONTROL PANEL	CNRAH-325110		1	1	1	HOT STAMP Ag CLEAN
69	GASKET DOOR PCR	CNRAD-381851		1	1	1	
	GASKET DOOR PCL	CNRAD-381861		1	1	1	
70	DOOR AS. PCR (FOAM) GW	CNRBD-400720		1			WHITE
	DOOR AS. PCR (FOAM) GX	CNRBD-400730			1		MARBLE WHITE
	DOOR AS. PCR (FOAM) GS	CNRBD-402420				1	STAINLESS LOOK
	DOOR AS. PCL (FOAM) GW	CNRBD-400821		1			WHITE
	DOOR AS. PCL (FOAM) GX	CNRBD-400831			1		MARBLE WHITE
	DOOR AS. PCL (FOAM) GS	CNRBD-402490				1	STAINLESS LOOK
71	PANEL ESCUTCHEON AS.	CNRBD-400913		1	1	1	TITANIUM GRAY SOLID
72	ESCUTCHEON HANDLE PCR	CNRAD-381670		1	1	1	TITANIUM SILVER
	ESCUTCHEON HANDLE PCL	CNRAD-381661		1	1	1	TITANIUM SILVER
73	PAS OPERATION PCB (DOOR)	CNRARBP0DA62		1	1	1	
74	PANEL OPERATION AS.	CNRBD-400901		1	1	1	
75	LATCH DOOR PCR	CNRAE-136513		1	1	1	
	LATCH DOOR PCL	CNRAE-143130		1	1	1	
76	STOPPER DOOR PCR	CNRAD-359750		1	1	1	
	STOPPER DOOR PCL	CNRAD-383280		1	1	1	
77	GASKET DOOR FC	CNRAD-330981		1	1	1	
78	DOOR AS. FC (FOAM) GW	CNRBD-400631		1			WHITE
	DOOR AS. FC (FOAM) GX	CNRBD-400641			1		MARBLE WHITE
	DOOR AS. FC (FOAM) GS	CNRBD-402360				1	STAINLESS LOOK
79	SHELF EGG	CNRAD-381821		4	4	4	CLEAR GRAY SMOKE
80	TRAY EGG 10	CNRAD-381840		1	1	1	TRANSPARENT

Ref. No.	Part Name	Part No.	Safety	Model/Qty			Remark
				GW	GX	GS	
81	FREE RACK PC	CNRAD-381831		2	2	2	CLEAR GRAY SMOKE
82	SHELF BOTTLE	CNRAD-381811		2	2	2	CLEAR GRAY SMOKE
83	LABEL NAME GWPH	CNRAH-325210	S	1			
	LABEL NAME GWMY	CNRAH-325220	S	1			
	LABEL NAME GXMY	CNRAH-325230	S		1		
	LABEL NAME GWTH	CNRAH-325240	S	1			
	LABEL NAME GWVN	CNRAH-325250	S	1			
	LABEL NAME GXVN	CNRAH-325260	S		1		
	LABEL NAME GWSG	CNRAH-325270	S	1			
	LABEL NAME GW1D	CNRAH-325280	S	1			
	LABEL NAME GWAU	CNRAH-325290	S	1			
	LABEL NAME GSTH	CNRAH-329170	S			1	
	LABEL NAME GX1D	CNRAH-329180	S		1		
	LABEL NAME GSAU	CNRAH-329190	S			1	
84	FRAME AS. FC R	CNRBD-340672		1	1	1	
	FRAME AS. FC L	CNRBD-340662		1	1	1	
85	SUPPORT REAR	CNRAD-330951		1	1	1	
86	PLATE HOOK FC	CNRAD-385980		2	2	2	
87	CASE FCB AS.	CNRBH-138860		1	1	1	
88	FRENCH CROSSRAIL AS.	CNRBC-377121		1	1	1	

Packing List

Ref. No.	Part Name	Part No.	Safety	Model/Qty			Remark
				GW	GX	GS	
	CARTON BOX	CNRAK-173510		1	1	1	PRINT
	STICKER MODEL NAME GWPH	CNRAH-325440		2			
	STICKER MODEL NAME GWMY	CNRAH-325450		2			
	STICKER MODEL NAME GXMY	CNRAH-325460			2		
	STICKER MODEL NAME GWTH	CNRAH-325470		2			
	STICKER MODEL NAME GWVN	CNRAH-325480		2			
	STICKER MODEL NAME GXVN	CNRAH-325490			2		
	STICKER MODEL NAME GWSG	CNRAH-325500		2			
	STICKER MODEL NAME GW1D	CNRAH-325510		2			
	STICKER MODEL NAME GWAU	CNRAH-325520		2			
	STICKER MODEL NAME GSTH	CNRAH-329230				2	
	STICKER MODEL NAME GX1D	CNRAH-329240			2		
	STICKER MODEL NAME GSAU	CNRAH-329250				2	
	BOTTOM TRAY AS.	CNRBK-141830		1	1	1	
	PLASTIC COVER	CNRAJ-162080		1	1	1	
	TOP PAD R	CNRAK-173490		1	1	1	RIGHT
	TOP PAD L	CNRAK-173480		1	1	1	LEFT
	TOP PAD C	CNRAK-173680		1	1	1	
	PAD CORNER AS.	CNRBK-140420		2	2	2	
	INS. PC PAD	CNRAK-153040		3	3	3	PROTECT PARTS SLIDE
	SHELL SIDE PAD	CNRAK-142810		2	2	2	LEFT&RIGHT
	PROTECTOR DOOR AS.	CNRBK-140230		1	1	1	
	INSTRUCTION BOOK PH	CNRAK-173560		1			
	INSTRUCTION BOOK MY	CNRAK-173570		1	1		
	INSTRUCTION BOOK TH	CNRAK-173580		1		1	
	INSTRUCTION BOOK VN	CNRAK-173590		1	1		
	INSTRUCTION BOOK SG	CNRAK-173600		1			
	INSTRUCTION BOOK 1D	CNRAK-173610		1	1		
	INSTRUCTION BOOK AU	CNRAK-173620		1		1	