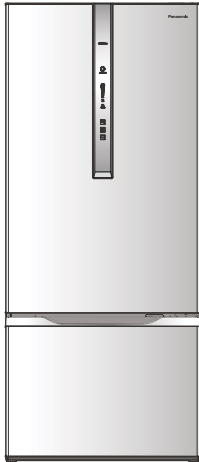
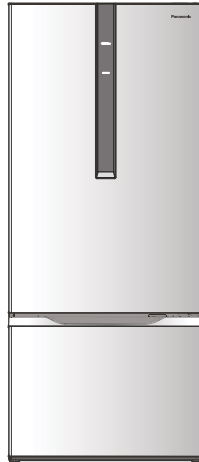


Service Manual

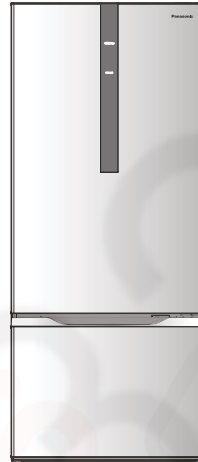
Refrigerator



NR-BY558XS
NR-BY608XS



NR-BY558PS
NR-BY608PS



NR-BY55BPS
NR-BY55BVW

NR-BY55BPS
NR-BY55BVW
NR-BY558PS
NR-BY558XS
NR-BY608PS
NR-BY608XS

Product Colour

Stainless Colour (S)
White (W)

Destination

Thailand, Malaysia, Vietnam
Singapore, RBD, Philippines
India, 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

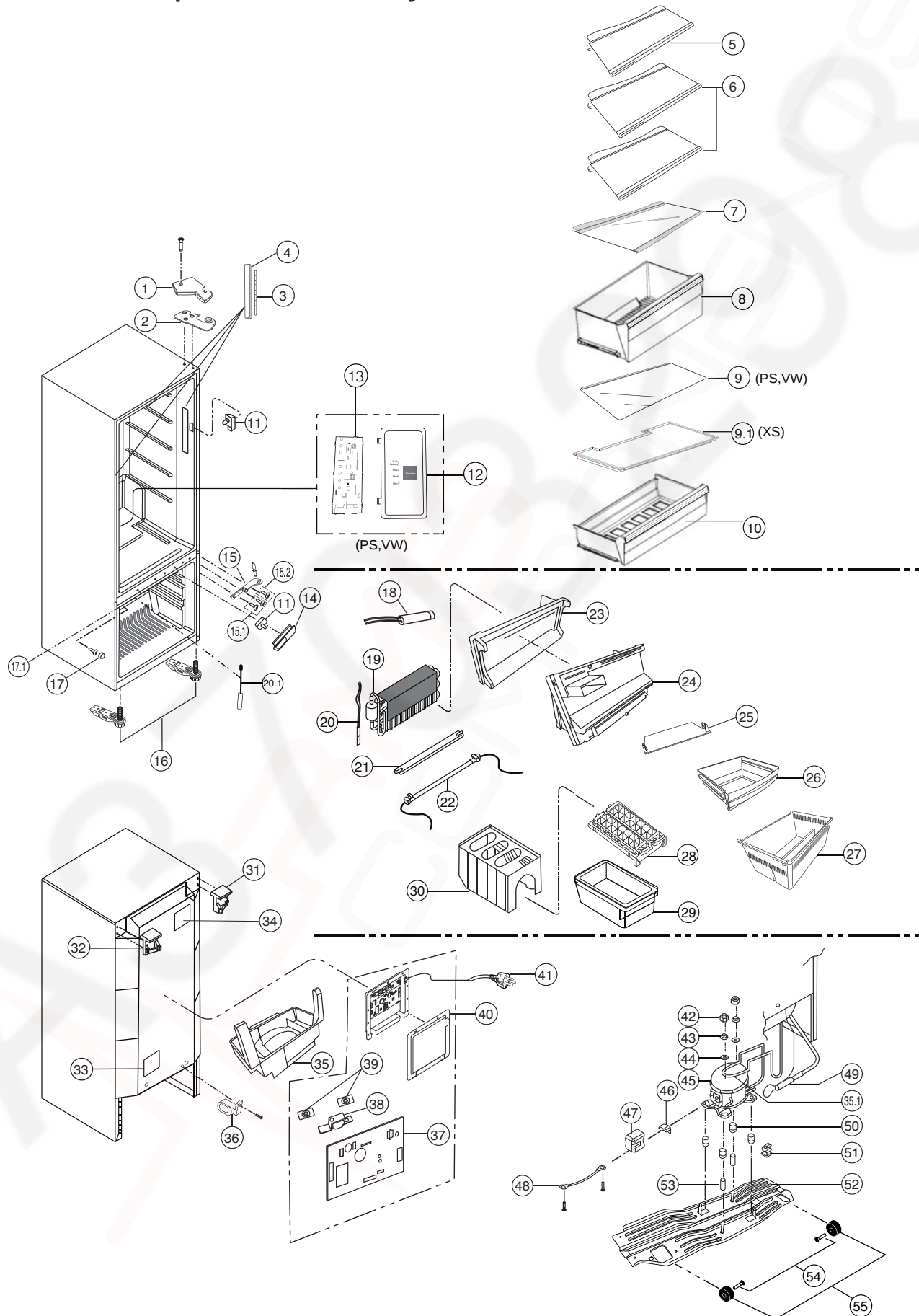
The service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be 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.

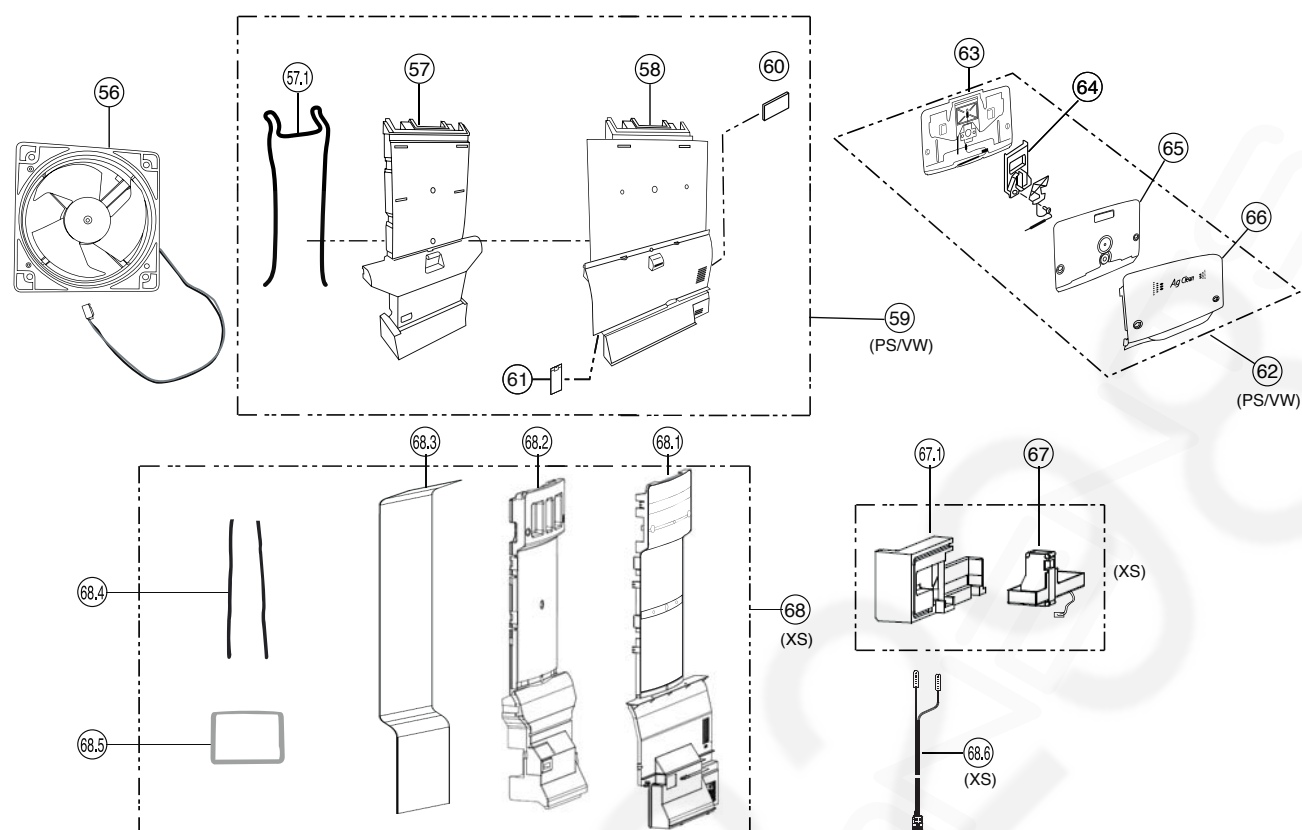
IMPORTANT SAFETY NOTICE

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.

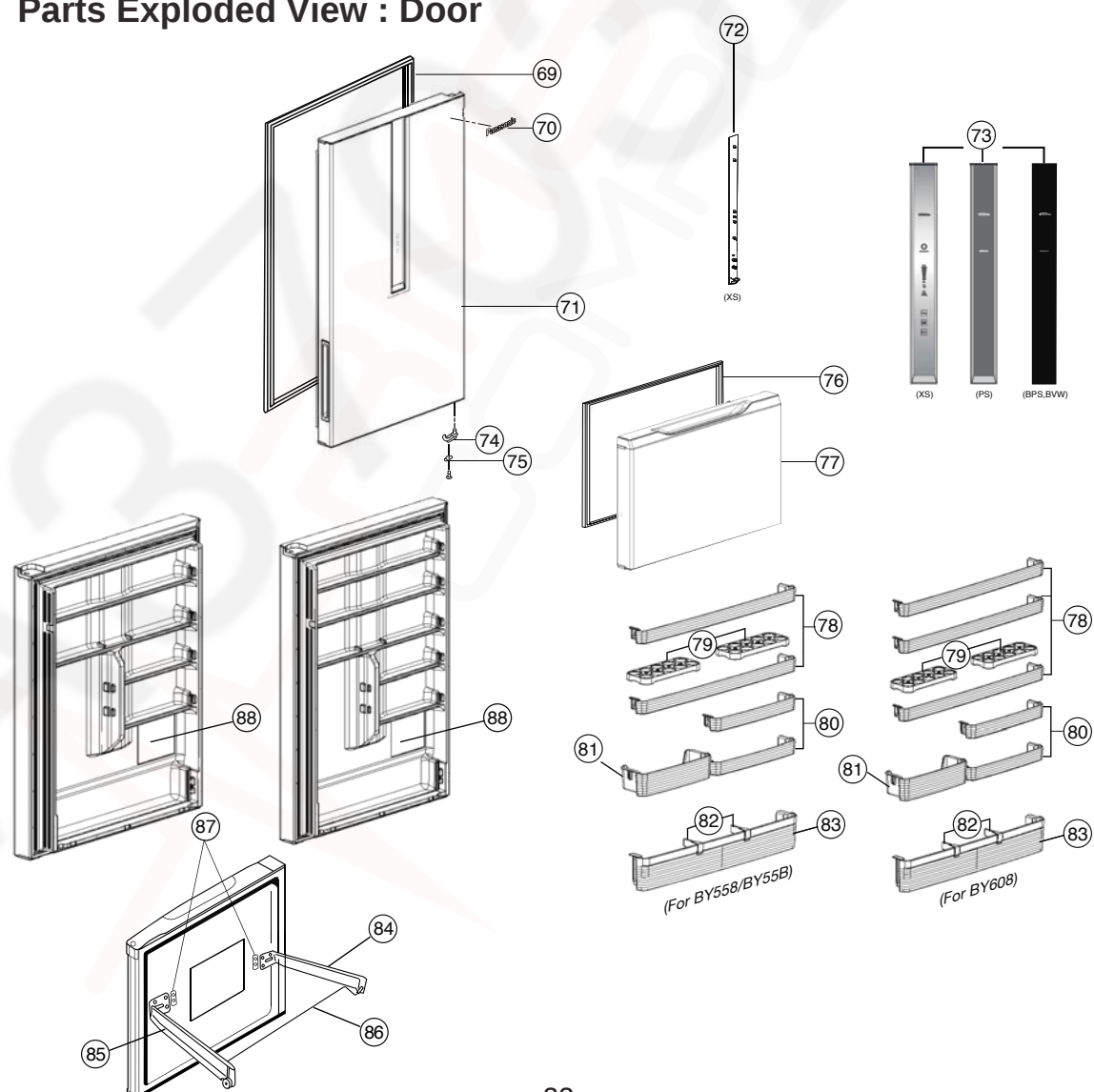
15. Parts Exploded View and Replacement Parts List

15.1 Parts Exploded View : Body

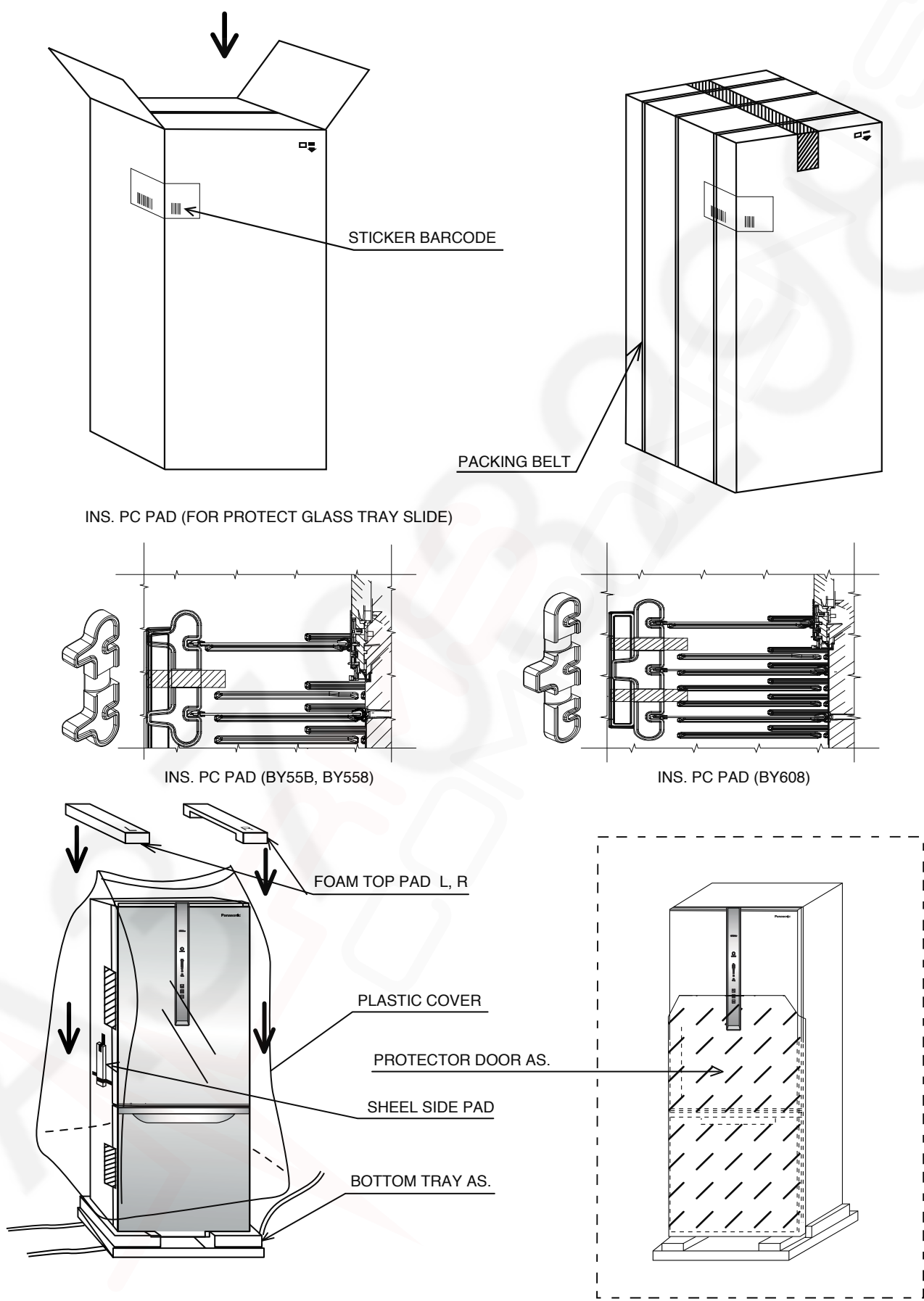




15.2 Parts Exploded View : Door



15.3 Parts Exploded View : Packing



15.4 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.

Part List : NR-BY558PS,XS/NR-BY55BPS,VW/NR-BY608PS,XS SERIES

Safety	Ref. No.	Part name	Part No.	Model/Colour/Q'ty					Remark
				NR-BY558/NR-BY55B			NR-BY608		
				PS	VW	XS	PS	XS	
	1	COVER HINGE TOP- XS	CNRAE-143500	1	1	1	1	1	
▲	2	HINGE TOP	CNRAE-143480	1	1	1	1	1	
▲	3	PAS-BW465(LED)	CNRBG-181513	2	2	2	3	3	
	4	COVER LED LAMP R	CNRAH-291582	1	1	1	1	1	SIDE : RIGHT
		COVER LED LAMP L	CNRAH-290283	1	1	1	2	2	SIDE : LEFT AND UPPER
	5	GLASS TRAY TS AS.	CNRBH-162781			1		1	
		GLASS TRAY TS AS.	CNRBH-162790	1	1		1		
	6	GLASS TRAY T AS.	CNRBH-162801			1		2	
		GLASS TRAY T AS.	CNRBH-162810	1	1		2		
	7	GLASS TRAY CRISPER AS.	CNRBH-162822			1		1	
		GLASS TRAY CRISPER AS.	CNRBH-162842	1	1		1		
	8	CRISPER AS.	CNRAH-330802	1	1	1	1	1	
	9	GLASS TRAY CHILLED AS.	CNRBH-162160	1	1		1		
	9.1	PLATE PF AS.	CNRBH-162861			1		1	
	10	CHILLED CASE	CNRAH-335850	1	1		1		SILK SCREEN : Chilled Case
			CNRAH-330822			1		1	SILK SCREEN : Prime Fresh
	11	DOOR SW.	CNRAG-153290	2	2	2	2	2	
	12	COVER CONTROL AS.	CNRBH-162870	1	1		1		
	13	PAS-OPERATION PCB (INSIDE)	ARBPO1A00120	1	1		1		
	14	CASE SW FC.-W	CNRAC-201540	1	1	1	1	1	
▲	15	HINGE CENTER	CNRAE-143471	1	1	1	1	1	
	15.1	HEXAGON 5 TS14	CNRAJ-167960	2	2	2	2	2	(HEXAGON TYPE)
	15.2	TRUSS 4 TS 10	CNR38-1142A01	1	1	1	1	1	(TRUSS TYPE)
	16	CASTER L AS.	CNRBC-365191	1	1	1	1	1	SIDE : LEFT
	16	CASTER R AS.	CNRBC-365201	1	1	1	1	1	SIDE : RIGHT
	17	CAP PAN H. 4TS (ST)	CNR39-1627200	1		1	1	1	
	17.1	CAP PAN H. 4TS (W)	CNR39-1624310	2	3	2	2	2	
	18	SENSOR DEF.	CNRAG-140111	1	1	1	1	1	
	19	COIL	CNRAF-196261	1	1	1	1	1	
▲	20	TEMP. FUSE AS.	CNRBG-204590	1	1	1	1	1	
	20.1	SENSOR FCC	CNRAG-164250	1	1	1	1	1	
	21	COVER RADIANT	CNRAG-163050	1	1	1	1	1	
	22	HEATER AS. DEFROST	CNRAG-175961	1	1	1	1	1	
	23	INS. COVER COIL F	CNRAF-177453	1	1	1	1	1	
	24	COVER COIL	CNRAF-177372	1	1	1	1	1	
	25	PLATE FC	CNRAH-261411	1	1	1	1	1	
	26	CASE FCT	CNRAH-325200	1	1	1	1	1	
	27	CASE FCB AS.	CNRBH-138860	1	1	1	1	1	
	28	ICE CUBE TRAY AS.	CNRBH-135250	1	1	1	1	1	
	29	BOX ICE TRAY	CNRAH-313590	1	1	1	1	1	
	30	HOLDER ICE TRAY	CNRAH-261195	1	1	1	1	1	
	31	HANGER SHELL R AS.	CNRBC-299074	1	1	1	1	1	
	32	HANGER SHELL L AS.	CNRBC-299083	1	1	1	1	1	
▲	33	LABEL HC BACK	CNRAH-311730	1		1	1	1	LANGUAGE : THAI
	33	LABEL HC BACK	CNRAH-269292	1	1	1	1	1	LANGUAGE : ENGLISH
	34	WIRING DIAGRAM(PRINT)-XSTH	CNRAH-333440			1			
		WIRING DIAGRAM(PRINT)-XSMY	CNRAH-333450			1			
		WIRING DIAGRAM(PRINT)-XSVN	CNRAH-333460			1			
		WIRING DIAGRAM(PRINT)-XSSG	CNRAH-333470			1			
		WIRING DIAGRAM(PRINT)-XSPH	CNRAH-333480			1			
		WIRING DIAGRAM(PRINT)-XSX1	CNRAH-333490			1			
		WIRING DIAGRAM(PRINT)-XSTH	CNRAH-333320					1	
		WIRING DIAGRAM(PRINT)-XSMY	CNRAH-333330					1	
		WIRING DIAGRAM(PRINT)-XSVN	CNRAH-333340					1	
		WIRING DIAGRAM(PRINT)-XSSG	CNRAH-333350					1	
		WIRING DIAGRAM(PRINT)-XSWA	CNRAH-333360					1	
		WIRING DIAGRAM(PRINT)-XSPH	CNRAH-333370					1	
		WIRING DIAGRAM(PRINT)-XSX1	CNRAH-333380					1	
		WIRING DIAGRAM(PRINT)-XSTH	CNRAH-333500	1					
		WIRING DIAGRAM(PRINT)-XSMY	CNRAH-333500	1					
		WIRING DIAGRAM(PRINT)-XSVN	CNRAH-333500	1					
		WIRING DIAGRAM(PRINT)-PS1D	CNRAH-333520	1					
		WIRING DIAGRAM(PRINT)-PSAU	CNRAH-333530	1					
		WIRING DIAGRAM(PRINT)-VWAU	CNRAH-337940		1				
		WIRING DIAGRAM(PRINT)-PSTH	CNRAH-333390				1		
		WIRING DIAGRAM(PRINT)-PSMY	CNRAH-333400				1		
		WIRING DIAGRAM(PRINT)-PSVN	CNRAH-333410				1		
		WIRING DIAGRAM(PRINT)-PS1D	CNRAH-333420				1		
		WIRING DIAGRAM(PRINT)-PSX1	CNRAH-333420				1		
	35	PAN WATER EVA.	CNRAF-197080	1	1	1	1	1	
	35.1	PIPE WATER EVA.	CNRAF-197050	1	1	1	1	1	
	36	CLAMP PIPE WATER EVAP	CNRAF-175252	1	1	1	1	1	
	37	PAS-BY55B (CONTROL) AS.	ARBPC1A02750	1	1				
		PAS-BY608P (CONTROL) AS.	ARBPC1A02170				1		
		PAS-BY608X (CONTROL) AS.	ARBPC1A02160			1		1	
	38	REACTOR	CNRBG-165910	1	1	1	1		
	39	RUBBER REACTOR	CNRAF-156140	2	2	2	2	2	
	40	COVER CASE BOARD AS.	CNRBC-371571	1	1	1	1	1	

Safety	Ref. No.	Part name	Part No.	Model/Colour/Q'ty					Remark
				NR-BY558/NR-BY55B			NR-BY608		
				PS	VW	XS	PS	XS	
⚠	41	SUPPLY CORD AS. (C3P)	CNRBG-170953	1		1	1	1	FOR TH
		SUPPLY CORD AS. (SP3)	CNRBG-176222			1	1	1	FOR MY,SG
		SUPPLY CORD AS. (C2P)	CNRBG-202300	1		1	1	1	FOR VN,1D,RBD
		SUPPLY CORD AS. (A2P)	CNRBG-202290			1		1	FOR PH
		SUPPLY CORD AS. (B3P)	CNRBG-176621			1	1	1	FOR X1
		SUPPLY CORD AS. (K3P)	CNRBG-183420	1	1				FOR AU,NZ
	42	HEXAGON NUT 8	CNR38-8170A1	2	2	2	2	2	
	43	SPRING WASHER 8	CNR38-4270A0	2	2	2	2	2	
	44	8 WASHER	CNR38-4170A0	2	2	2	2	2	
	45	COMP.ERI100E13DGH	CNR91-236280	1	1	1	1	1	
⚠	46	MOTOR PROTECTOR	CNR06-598071	1	1	1	1	1	
	47	PROTECTOR COVER	CNRAG-170461	1	1	1	1	1	
	48	EARTH WIRE AS. COMP.230	CNRBG-156650	1	1	1	1	1	
	49	5 DRYER W	CNR39-340920	1	1	1	1	1	
	50	RUBBER GROMMET	CNR01-249530	4	4	4	4	4	
	51	CLAMPER DRYER	CNR39-163082	1	1	1	1	1	
	52	CROSSRAIL REAR	CNRAF-177400	1	1	1	1	1	
	53	SLEEVE COMP.	CNRAJ-112932	2	2	2	2	2	
	54	PIN CASTER	CNRAC-217700	2	2	2	2	2	
	55	ROLLER 40	CNRAC-116280	2	2	2	2	2	
	56	FAN MOTOR AS.	CNRBG-202930	1	1	1	1	1	
	57	INS. DUCT PC	CNRAH-261252	1	1				
			CNRAH-261242				1		
	57.1	SEAL FOAM DUCT PC B	CNRAJ-167390	1	1				
		SEAL FOAM DUCT PC A	CNRAJ-167380				1		
	58	PLATE DUCT PC	CNRAH-325130	1	1				
			CNRAH-333430				1		
	59	PLATE DUCT PCB	CNRAH-325140	1	1		1		
	60	AG BIO FILTER	CNRAH-245521	1	1	1	1	1	
	61	PIECE DUCT PC	CNRAH-325150	1	1		1		
	62	CONTROL PANEL AS	CNRBH-162770	1	1		1		
	63	INS.CONTROL PANEL PCB	CNRAH-261292	1	1		1		
	64	BAFFLE DAMPER THERMO AS	CNRBG-183301	1	1		1		
	65	INS.CONTROL PANEL PCF	CNRAH-261283	1	1		1		
	66	CONTROL PANEL	CNRAH-331440	1	1		1		
	67	TWIN ELECTRIC DAMPER AS.	CNRBG-202920			1		1	
	67.1	INS. DUCT PCB	CNRAH-330791			1		1	
	67.2	SENSOR PFC&PCC AS.	CNRBG-202890			1		1	
	68	PLATE DUCT PC AS.	CNRBH-162752			1			
			CNRBH-162731					1	
	68.1	PLATE DUCT PC.	CNRAH-330741			1			
			CNRAH-330731					1	
	68.2	INS. DUCT PC	CNRAH-330791			1			
			CNRAH-330761					1	
	68.3	SEAL DUCT PC	CNRAJ-172721			1			
			CNRAJ-172701					1	
	68.4	SEAL FOAM DUCT PC	CNRAJ-173200			2			
			CNRAJ-173190					2	
	68.5	SEAL FOAM DUCT PC C	CNRAJ-172770			1		1	
	69	GASKET DOOR PC	CNRAD-330972	1	1	1			
			CNRAD-330962				1	1	
	70	EMBLEM	CNRAD-387010	1	1	1	1	1	
	71	DOOR AS. PC (CMPT)-X	CNRBD-403642			1			
		DOOR AS. PC (CMPT)-P	CNRBD-403652	1					
		DOOR AS. PC (CMPT)-PSAU	CNRBD-406950	1					FOR BY55BPSAU
		DOOR AS. PC (CMPT)-VWU	CNRBD-406960		1			1	FOR BY55BVWU
		DOOR AS. PC (CMPT)-X	CNRBD-403622					1	
		DOOR AS. PC (CMPT)-P	CNRBD-403632				1		
	72	PAS-OPERATION PCB(DOOR)	ARBP0DA00791			1		1	
	73	ESCUTCHEON CONTROL-X	CNRAD-387411			1		1	
		ESCUTCHEON CONTROL-P	CNRAD-387432	1			1		
		ESCUTCHEON CONTROL-PSAU	CNRAD-389790	1					COLOUR: CHORME SILVER
		ESCUTCHEON CONTROL-VWU	CNRAD-392270		1				COLOUR: DARK SILVER
	74	LATCH DOOR	CNRAE-136513	1	1	1	1	1	
	75	STOPPER DOOR	CNRAD-359750	1	1	1	1	1	
	76	GASKET DOOR FC	CNRAD-330981	1	1	1	1	1	
	77	DOOR AS. FC (CMPT)-X	CNRBD-403661			1		1	
		DOOR AS. FC (CMPT)-P	CNRBD-403671	1			1		
		DOOR AS. FC (CMPT)-PSAU	CNRBD-406890	1					FOR BY55BPSAU
		DOOR AS. FC (CMPT)-VWU	CNRBD-406900		1				FOR BY55BVWU
	78	SHELF EGG	CNRAD-387470	2	2	2	3	3	
	79	TRAY EGG 10	CNRAD-381840	2	2	2	2	2	
	80	FREE LACK PC	CNRAD-387610	2	2	2	2	2	
	81	SHELF PC R	CNRAD-387481	1	1	1	1	1	
	82	SLIDE STOPPER BOTTLE	CNRAD-390460	2	2	2	2	2	
	83	SHELF BOTTLE	CNRAD-387460	1	1	1	1	1	
	84	FRAME AS. FC R	CNRBD-403690	1	1	1	1	1	FIX BY TRUSS 5 TS16/CNR38195541
	85	FRAME AS. FC L	CNRBD-403680	1	1	1	1	1	FIX BY TRUSS 5 TS16/CNR38195541
	86	SUPPORT REAR	CNRAD-330951	1	1	1	1	1	
	87	PLATE HOOK FC	CNRAD-385980	2	2	2	2	2	FIX BY TRUSS 4 TS16/CNR381145A01

Packing List

Safety	Ref. No.	Part name	Part No.	Model/Colour/Q'ty					Remark
				NR-BY558/NR-BY55B			NR-BY608		
				PS	VW	XS	PS	XS	
⚠	88	LABEL NAME&REF.(PRINT)-XSTH	CNRAH-333420			1			
		LABEL NAME&REF.(PRINT)-XSMY	CNRAH-333230			1			
		LABEL NAME&REF.(PRINT)-XSVN	CNRAH-333240			1			
		LABEL NAME&REF.(PRINT)-XS5G	CNRAH-333250			1			
		LABEL NAME&REF.(PRINT)-XSPH	CNRAH-333260			1			
		LABEL NAME&REF.(PRINT)-XSX1	CNRAH-333270			1			
		LABEL NAME&REF.(PRINT)-PSTH	CNRAH-333280	1					
		LABEL NAME&REF.(PRINT)-PSMY	CNRAH-333290	1					
		LABEL NAME&REF.(PRINT)-PSVN	CNRAH-333300	1					
		LABEL NAME&REF.(PRINT)-PS1D	CNRAH-333310	1					
		LABEL NAME&REF.(PRINT)-PSAU	CNRAH-337910	1					FOR BY55BPSAU
		LABEL NAME&REF.(PRINT)-VWAU	CNRAH-337920		1				FOR BY55BVWAU
		LABEL NAME&REF.(PRINT)-XSTH	CNRAH-333100					1	
		LABEL NAME&REF.(PRINT)-XSMY	CNRAH-333110					1	
		LABEL NAME&REF.(PRINT)-XSVN	CNRAH-333120					1	
		LABEL NAME&REF.(PRINT)-XS5G	CNRAH-333130					1	
		LABEL NAME&REF.(PRINT)-XSWA	CNRAH-333140					1	
		LABEL NAME&REF.(PRINT)-XSPH	CNRAH-333150					1	
		LABEL NAME&REF.(PRINT)-XSX1	CNRAH-333160					1	
		LABEL NAME&REF.(PRINT)-PSTH	CNRAH-333170				1		
		LABEL NAME&REF.(PRINT)-PSMY	CNRAH-333180				1		
		LABEL NAME&REF.(PRINT)-PSVN	CNRAH-333190				1		
		LABEL NAME&REF.(PRINT)-PS1D	CNRAH-333200				1		
		LABEL NAME&REF.(PRINT)-PSX1	CNRAH-333210				1		

PACKING LIST

		PACKING AS.-XSTH	CNRBK-143320			1			
		PACKING AS.-XSMY	CNRBK-143330			1			
		PACKING AS.-XSVN	CNRBK-143340			1			
		PACKING AS.-XSSTG	CNRBK-143350			1			
		PACKING AS.-XSPH	CNRBK-143360			1			
		PACKING AS.-XSX1	CNRBK-143370			1			
		PACKING AS.-PSTH	CNRBK-143380	1					
		PACKING AS.-PSMY	CNRBK-143390	1					
		PACKING AS.-PSVN	CNRBK-143400	1					
		PACKING AS.-PS1D	CNRBK-143410	1					
		PACKING AS.-PSAU	CNRBK-144370	1					FOR BY55BPSAU
		PACKING AS.-VWAU	CNRBK-144380		1				FOR BY55BVWAU
		PACKING AS.-XSTH	CNRBK-143200					1	
		PACKING AS.-XSMY	CNRBK-143210					1	
		PACKING AS.-XSVN	CNRBK-143220					1	
		PACKING AS.-XSSTG	CNRBK-143230					1	
		PACKING AS.-XSWA	CNRBK-143240					1	
		PACKING AS.-XSPH	CNRBK-143250					1	
		PACKING AS.-XSX1	CNRBK-143260					1	
		PACKING AS.-PSTH	CNRBK-143270				1		
		PACKING AS.-PSMY	CNRBK-143280				1		
		PACKING AS.-PSVN	CNRBK-143290				1		
		PACKING AS.-PS1D	CNRBK-143300				1		
		PACKING AS.-PSX1	CNRBK-143310				1		
		BOTTOM TRAY AS.	CNRBK-119722	1	1	1	1	1	
		PLASTIC COVER	CNRAJ-162070	1	1	1			
			CNRAJ-162081				1	1	
		TOP PAD R	CNRAK-173490	1	1	1	1	1	
		TOP PAD L	CNRAK-173480	1	1	1	1	1	
		INS. PC PAD	CNRAK-156040	2	2	2			NR-BY508/NR-BY55B
		INS. PC PAD	CNRAK-156030				2	2	NR-BY608
		SHELL SIDE PAD	CNRAK-142810	2	2	2	2	2	FOR BOTH SIDE
		PROTECTOR DOOR AS.	CNRBK-117320	1	1	1	1	1	
		INSTRUCTION BOOK-TH	CNRAK-175550	1		1	1	1	
		INSTRUCTION BOOK-MY	CNRAK-175560			1		1	
		INSTRUCTION BOOK-VN	CNRAK-175570			1		1	
		INSTRUCTION BOOK-SG	CNRAK-175580					1	
		INSTRUCTION BOOK-WA	CNRAK-175590					1	
		INSTRUCTION BOOK-PH	CNRAK-175600			1		1	
		INSTRUCTION BOOK-X1	CNRAK-175610	1		1		1	
		INSTRUCTION BOOK-1D	CNRAK-175600	1			1		
		INSTRUCTION BOOK-AU	CNRAK-175610	1	1				