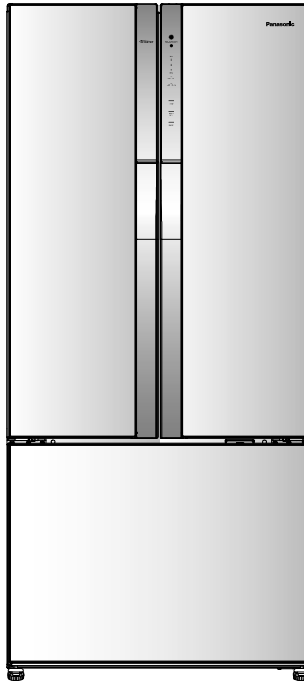


Service Manual



Refrigerator

NR-CY550

NR-CY55C

Product Colour

Glass Gray (HK)
Glass Blue (AK)
Glass Black (GK)
Steel Black (QK)
Steel Stainless (QS)
Steel Silver (PS)

Destination

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



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

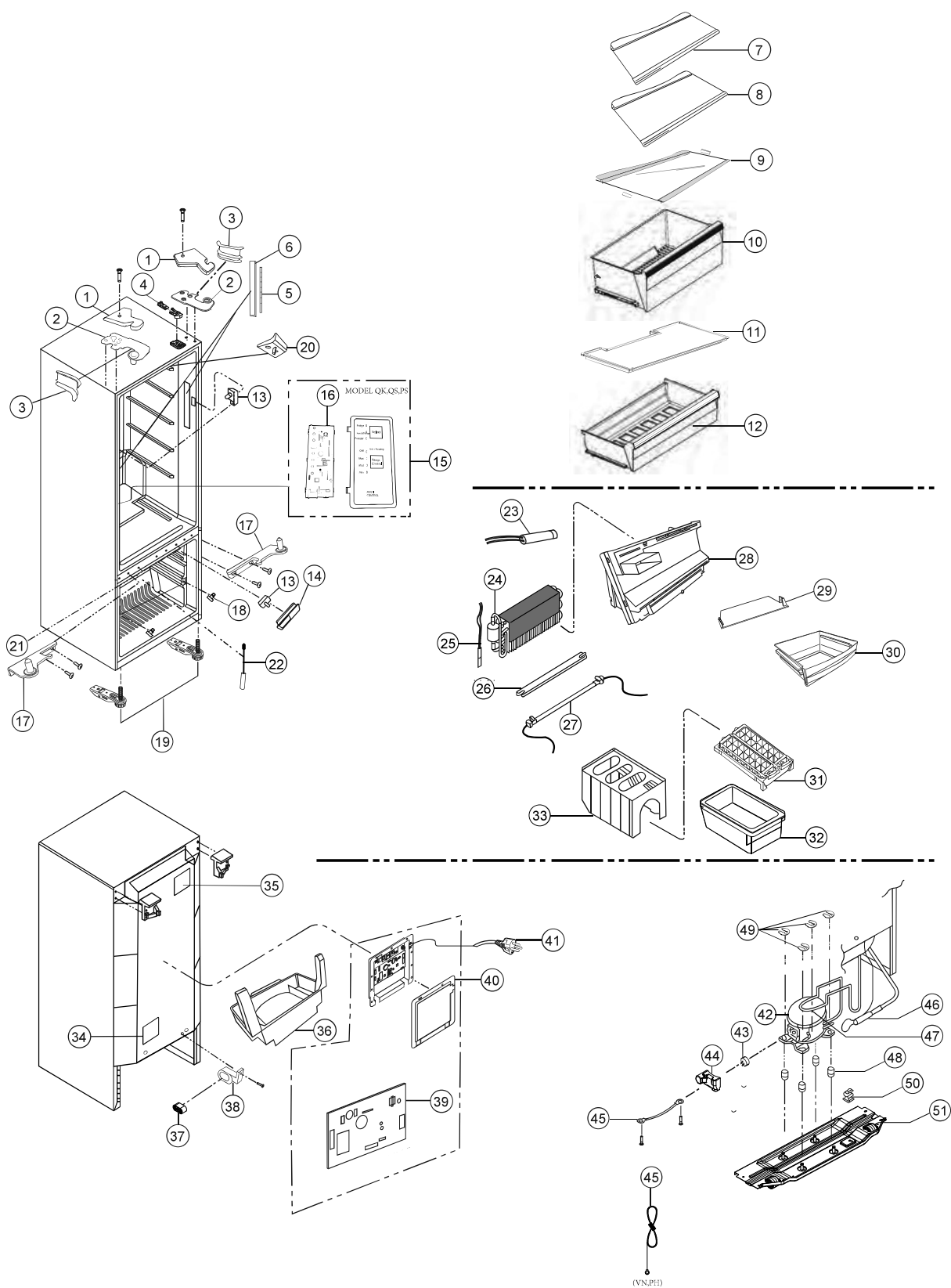
The service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be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

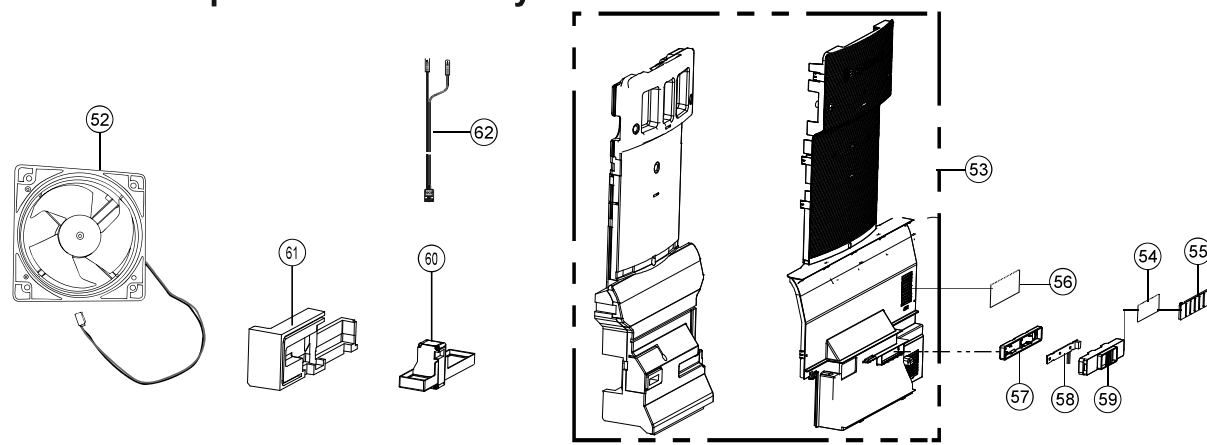
There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts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

16. PART EXPLODED VIEW AND REPLACEMENT PART LIST

16.1 Part Exploded View : Body

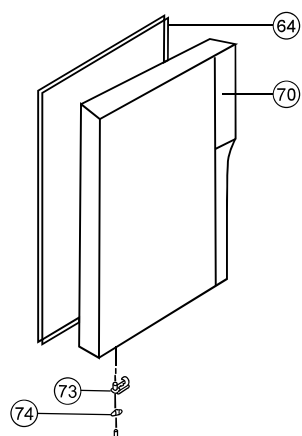


16.1 Part Exploded View : Body

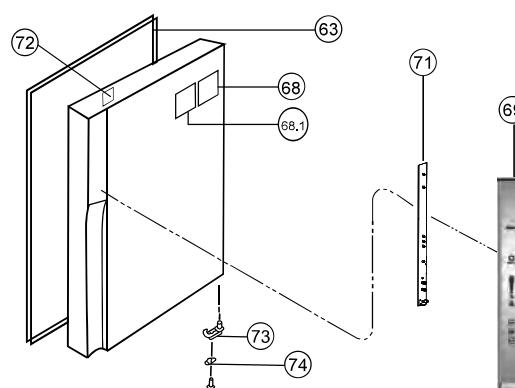


16.2 Part Exploded View : Door

DOOR PCL ALL MODEL

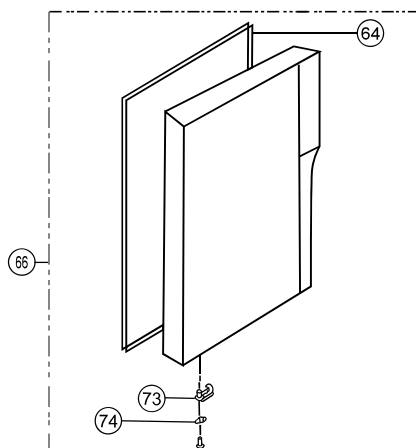


DOOR PCR ALL MODEL

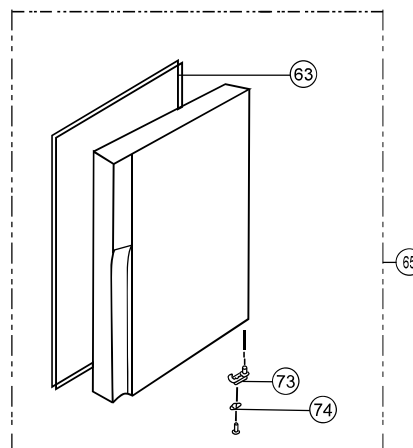


DOOR AS. PC (CMPT)

DOOR PCL ALL MODEL

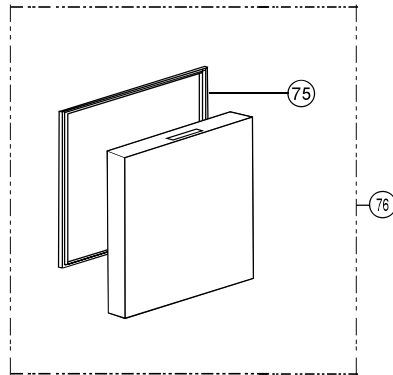


DOOR PCR ALL MODEL

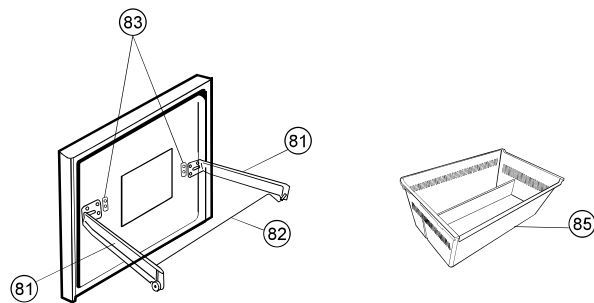
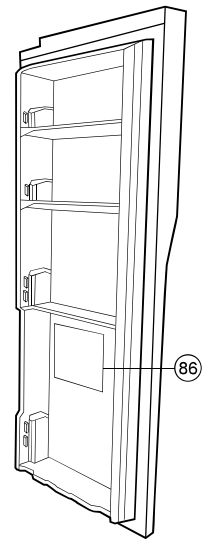
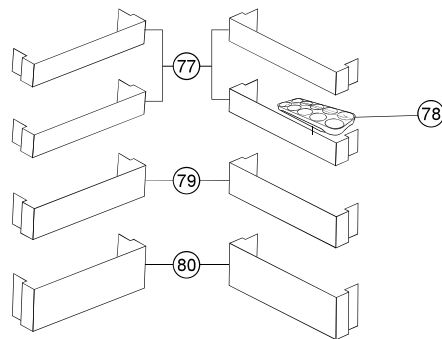
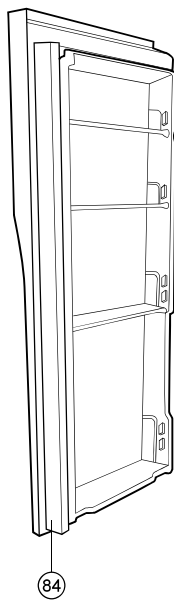


DOOR AS. FC (CMPT)

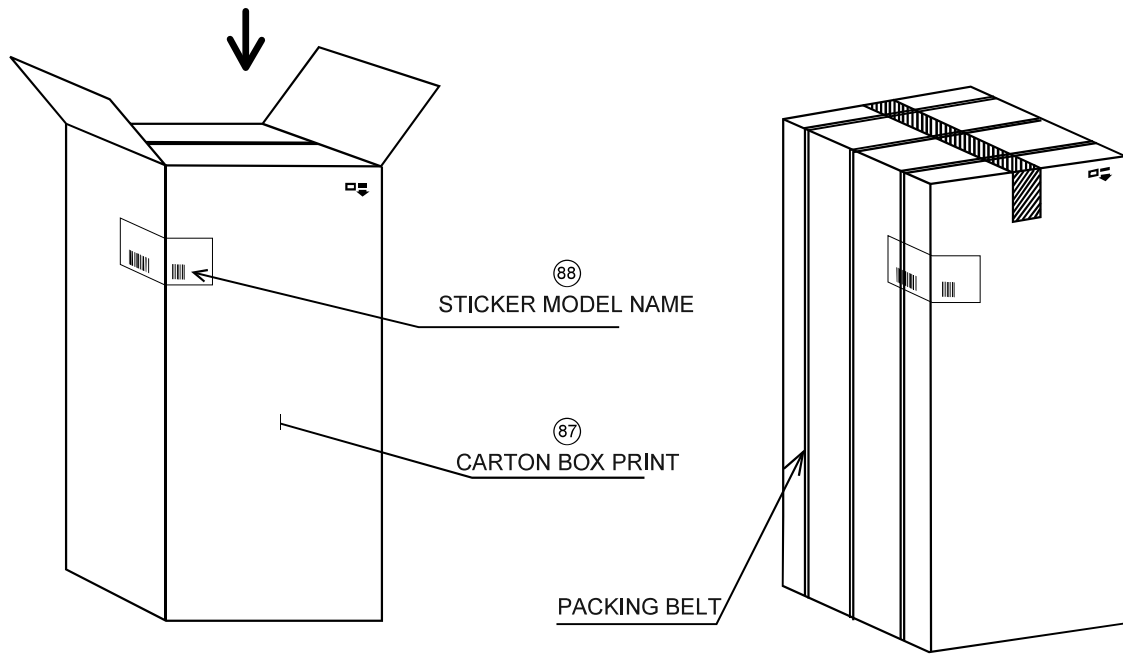
DOOR FC ALL MODEL



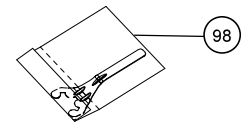
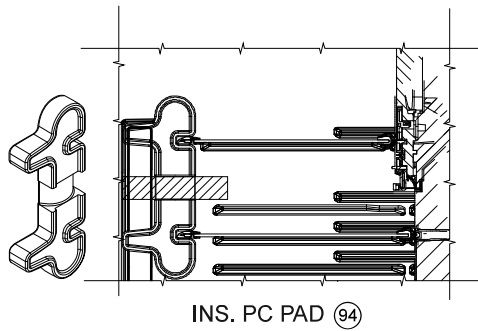
DOOR ASSEMBLY



16.3 Part Exploded View : Packing



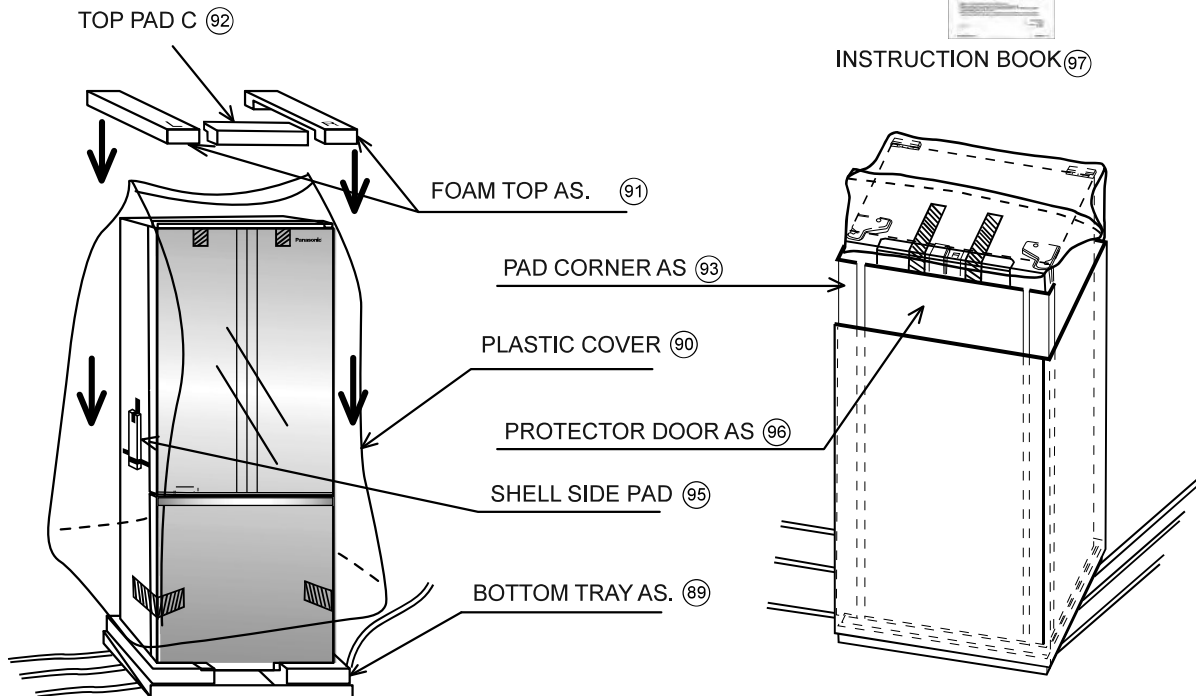
(FOR PROTECT GLASS TRAY SLIDE)



WRENCH INSTRUCTION



INSTRUCTION BOOK (97)



16.4 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-CY550AK,GK,QS(TH), CY550HK,AK,GK,QK(VN), CY550HK,GK(MY),CY550HK,GK(SG) NR-CY550GK,QS(1D), CY550HK,GK,QS(PH), CY55CGK,PS(AU), CY550GK,QK (XZ)

Part Exploded view : Body

Safety	Ref. No.	Part No.	Part name	Quantity	Remark
	1	ARAECA305510	COVER HINGE TOP PCR	1	HK,AK,GK,QK,QS
	1	ARAECA305530	COVER HINGE TOP PCR	1	PS
	1	ARAECA205320	COVER HINGE TOP PCL	1	HK,AK,GK,QK,QS
	1	ARAECA205340	COVER HINGE TOP PCL	1	PS
⚠	2	CNRAE-143180	HINGE TOP PCR	1	
	2	CNRAE-143191	HINGE TOP PCL	1	
	3	ARAEP305040	PIECE HINGE TOP PCR	1	
	3	ARAEP305020	PIECE HINGE TOP PCL	1	
	4	ARBGE300020	HOLDER SENSOR HUMIDITY AS.	1	VN,AU
	4	ARAGHE700020	HOLDER SENSOR HUMIDITY	1	VN,AU
	4	ARAGSD400010	SENSOR HUMIDITY	1	VN,AU
	5	CNRBG-181513	PAS-BW465 (LED PCB)	2	
	6	CNRAH-291582	COVER LED LAMP R	1	
	6	CNRAH-290283	COVER LED LAMP L	1	
	7	CNRBH-162783	GLASS TRAY TS AS.	1	
	8	CNRBH-145671	GLASS TRAY T AS.	1	
	9	CNRBH-145701	GLASS TRAY CRISPER AS.	1	ALL
	9	ARBHGA300052	GLASS TRAY CRISPER AS. (SASH TRAY PC)	1	XZ
	10	ARAHCH305180	CRISPER	1	
	11	CNRBH-162861	PLATE PF AS.	1	
	12	ARAHCH405140	CASE PF	1	HK,AK,GK
	12	ARAHCH405210	CASE PF	1	QK,QS,PS
	13	CNRAG-153290	DOOR SW.	3	
	14	CNRAC-201540	CASE SW. FC-W	1	
	15	ARBHCBV00030	COVER CONTROL AS.	1	QK,QS,PS
	16	ARBP01A00500	PAS-OPERATION PCB (INSIDE)	1	QK,QS,PS
⚠	17	CNRAE-143201	HINGE CENTER PCR	1	
	17	CNRAE-143211	HINGE CENTER PCL	1	
	18	CNRBJ-105024	BEARING ROLLER 23AS	2	
	19	ARBCCB100090	CASTER L AS.	1	
	19	ARBCCB200090	CASTER R AS.	1	
	20	CNRAC-251153	GUIDE FRENCH	1	
	21	CNR39-1624310	CAP PAN H.4 TS (W)	2	
	22	CNRAG-176450	SENSOR FCC	1	
	23	ARAGSD100470	SENSOR DEF.	1	
	24	ARAFCH105331	COIL	1	
⚠	25	ARBGTA300320	TEMP FUSE AS.	1	
	26	CNRAG-163050	COVER RADIANT	1	
⚠	27	CNRAG-175961	HEATER AS. DEFROST	1	
	28	CNRBF-164930	COVER COIL AS.	1	
	29	CNRAH-261411	PLATE FC	1	
	30	CNRAH-325200	CASE FCT	1	
	31	ARBH1A300201	ICE TRAY AS.	1	
	32	CNRAH-313590	BOX ICE TRAY	1	
	33	CNRAH-261195	HOLDER ICE TRAY	1	

16.5 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-CY550AK,GK,QS(TH), CY550HK,AK,GK,QK(VN), CY550HK,GK(MY),CY550HK,GK(SG)
NR-CY550GK,QS(1D), CY550HK,GK,QS(PH), CY55CGK,PS(AU), CY550GK,QK (XZ)**

Part Exploded view : Body

Safety	Ref. No.	Part No.	Part name	Quantity	Remark
⚠	34	CNRAH-342970	LABEL HC BACK (TH)	1	
	34	CNRAH-342980	LABEL HC BACK (ENG)	1	
	35	ARAHWC105770	WIRING DIAGRAM - HKVN	1	
	35	ARAHWC105780	WIRING DIAGRAM - HKMY	1	
	35	ARAHWC105790	WIRING DIAGRAM - HKSG	1	
	35	ARAHWC105810	WIRING DIAGRAM - HKPH	1	
	35	ARAHWC106080	WIRING DIAGRAM - AKTH	1	
	35	ARAHWC105830	WIRING DIAGRAM - AKVN	1	
	35	ARAHWC106090	WIRING DIAGRAM - GKTH	1	
	35	ARAHWC106100	WIRING DIAGRAM - GKVN	1	
	35	ARAHWC106110	WIRING DIAGRAM - GKMY	1	
	35	ARAHWC106120	WIRING DIAGRAM - GKSG	1	
	35	ARAHWC106130	WIRING DIAGRAM - GK1D	1	
	35	ARAHWC106140	WIRING DIAGRAM - GKPH	1	
	35	ARAHWC106151	WIRING DIAGRAM - GKAU	1	
	35	ARAHWC105880	WIRING DIAGRAM - QKVN	1	
	35	ARAHWC105910	WIRING DIAGRAM - QSTH	1	
	35	ARAHWC106160	WIRING DIAGRAM - QS1D	1	
	35	ARAHWC106170	WIRING DIAGRAM - QSPH	1	
	35	ARAHWC105921	WIRING DIAGRAM - PSAU	1	
	35	ARAHWC106280	WIRING DIAGRAM - GKXZ	1	
	35	ARAHWC106290	WIRING DIAGRAM - QKXZ	1	
	36	ARAFPB105470	PAN WATER EVA.	1	
	37	CNRAF-175240	HOLDER PIPE WATER EVA.	1	
	38	ARAFCE405030	CLAMP PIPE WATER EVA.	1	
⚠	39	ARBPC1A05323	PAS-CONTROL PCB (INV)	1	CY550HK/AK/GK (MY,SG,PH,TH,1D,XZ)
	39	ARBPC1A05333	PAS-CONTROL PCB (INV)	1	CY550/CY55C HK/AK/GK (VN,AU)
	39	ARBPC1A05354	PAS-CONTROL PCB (INV)	1	CY550QS/QK (TH,1D,PH,XZ)
	39	ARBPC1A05364	PAS-CONTROL PCB (INV)	1	CY550QK (VN) CY55CPS (AU)
	40	ARBCCA100874	COVER PCB AS.	1	
⚠	41	ARBGSA200941	SUPPLY CORD AS.(C3P)	1	TH
	41	ARBGSA200961	SUPPLY CORD AS.(C2P)	1	VN
	41	ARBGSA200862	SUPPLY CORD AS.(S3P)	1	MY,SG
	41	ARBGSA200871	SUPPLY CORD AS.(A2P)	1	PH
	41	ARBGSA200971	SUPPLY CORD AS.(C2P)	1	1D
	41	ARBGSA201140	SUPPLY CORD AS.(K3P)	1	AU
	41	ARBGSA200882	SUPPLY CORD AS.(B3P)	1	XZ
	42	CNR91-179630	COMP. TKB91E20DAH-C2ECS	1	VN,AU
	42	CNR91-179680	COMP. TKB91E14DTH-C3ECS	1	MY,SG,PH,TH,1D,XZ
⚠	43	CNR06-598071	MOTOR PROTECTOR	1	
	44	CNRAG-170461	PROTECTOR COVER	1	
	45	CNRBG-156650	EARTH WIRE AS. COMP. 230	1	ALL
	45	CNRBG-165990	EARTH AS. COMP. 2500	1	VN,PH
	46	ARAFDC105090	5 DRYER W	1	

16.6 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-CY550AK,GK,QS(TH), CY550HK,AK,GK,QK(VN), CY550HK,GK(MY),CY550HK,GK(SG) NR-CY550GK,QS(1D), CY550HK,GK,QS(PH), CY55CGK,PS(AU), CY550GK,QK (XZ)

Part Exploded view : Body & Door

Safety	Ref. No.	Part No.	Part name	Quantity	Remark
	47	ARAFB05150	PIPE WATER EVAPORATOR AS	1	
	48	ARAJGA700021	GROMMET COMP	4	
	49	CNRAJ-170190	U - RING 7	4	
	50	ARAFCE205040	CLAMPER DRYER	1	
	51	ARBFCC100270	CROSSRAIL REAR AS.	1	
	52	ARBGFA200230	FAN MOTOR FC AS.	1	
	53	ARBHPC600663	PLATE DUCT PC AS.	1	HK,AK,GK
	53	ARBHPC600634	PLATE DUCT PC AS.	1	QK,QS,PS
	54	ARAHFA205040	AG FILTER	1	
	55	ARAHCB905071	COVER FILTER	1	
	56	CNRAH-245521	AG BIO FILTER	1	
	57	ARACHB800030	HOLDER LED PCB	1	
	58	ARBPLLA00030	PAS-LED PCB (AG)	1	
	59	ARAHCF105020	COVER LED AG	1	
	60	ARBGDA200160	TWIN ELECTRIC DAMPER AS.	1	
	61	CNRAH-330791	INS. DUCT PCB	1	
	62	ARBGTA600030	SENSOR PFC & PCC AS.	1	
	63	CNRAD-381853	GASKET DOOR PCR	1	
	64	CNRAD-381863	GASKET DOOR PCL	1	
	65	ARBDDL303651	DOOR AS (CMPT) PCR - HK	1	
	65	ARBDDL303661	DOOR AS (CMPT) PCR - AK	1	
	65	ARBDDL303860	DOOR AS (CMPT) PCR - GK	1	
	65	ARBDDL303670	DOOR AS (CMPT) PCR - QK	1	
	65	ARBDDL303682	DOOR AS (CMPT) PCR - QS	1	
	65	ARBDDL303901	DOOR AS (CMPT) PCR - PS	1	
	66	ARBDDL203700	DOOR AS (CMPT) PCL - HK	1	
	66	ARBDDL203710	DOOR AS (CMPT) PCL - AK	1	
	66	ARBDDL203870	DOOR AS (CMPT) PCL - GK	1	
	66	ARBDDL203720	DOOR AS (CMPT) PCL - QK	1	
	66	ARBDDL203730	DOOR AS (CMPT) PCL - QS	1	
	66	ARBDDL203890	DOOR AS (CMPT) PCL - PS	1	

16.7 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-CY550AK,GK,QS(TH), CY550HK,AK,GK,QK(VN), CY550HK,GK(MY),CY550HK,GK(SG) NR-CY550GK,QS(1D), CY550HK,GK,QS(PH), CY55CGK,PS(AU), CY550GK,QK (XZ)

Part Exploded view : Door

Safety	Ref. No.	Part No.	Part name	Quantity	Remark
⚠	68	ARAHBB12140	ENERGY LABEL - TH	1	
	68	ARAHBB12150	ENERGY LABEL - VN	1	
	68	ARAHBB12160	ENERGY LABEL - SG	1	
	68	ARAHBB12170	ENERGY LABEL - AU	1	
⚠	68.1	CNRAH-307200	ADVISORY LABEL FRONT	1	ONLY SG
	69	ARBDHD500041	HOLDER OPERATION AS - PCR	1	HK,AK,GK
	69	ARBDHD400080	HOLDER ESCUTCHEON AS - PCR	1	QK,QS
	69	ARBDHD400052	HOLDER ESCUTCHEON AS - PCR	1	PS
	70	ARBDHD400100	HOLDER ESCUTCHEON AS - PCL	1	HK,AK,GK
	70	ARBDHD400090	HOLDER ESCUTCHEON AS - PCL	1	QK,QS
	70	ARBDHD400042	HOLDER ESCUTCHEON AS - PCL	1	PS
	71	ARBP0DA01630	PAS-OPERATION PCB (DOOR)	1	HK,AK,GK
	72	CNRAH-336320	TACK SHOT HOLE - GK	1	HK,AK,GK
	73	CNRAE-136513	LATCH DOOR PCR	1	
	73	CNRAE-143130	LATCH DOOR PCL	1	
	74	CNRAD-359750	STOPPER DOOR PCR	1	
	74	CNRAD-383280	STOPPER DOOR PCL	1	
	75	ARADGC605310	GASKET DOOR FC	1	
	76	ARBDDM704870	DOOR AS (CMPT) FC - HK	1	
	76	ARBDDM704880	DOOR AS (CMPT) FC - AK	1	
	76	ARBDDM705170	DOOR AS (CMPT) FC - GK	1	
	76	ARBDDM704890	DOOR AS (CMPT) FC - QK	1	
	76	ARBDDM704900	DOOR AS (CMPT) FC - QS	1	
	76	ARBDDM705190	DOOR AS (CMPT) FC - PS	1	
	77	CNRAD-381821	SHELF EGG PC	4	
	78	CNRAD-381840	TRAY EGG 10	1	
	79	CNRAD-381831	FREE RACK PC	2	
	80	CNRAD-381811	SHELF BOTTLE PC	2	
	81	CNRBD-403690	FRAME AS. FC R	1	
	81	CNRBD-403680	FRAME AS. FC L	1	
	82	CNRAD-330951	SUPPORT REAR	1	
	83	CNRAD-385980	PLATE HOOK FC	2	
	84	CNRBC-377123	FRENCH CROSSRAIL AS.	1	
	85	CNRBH-163820	CASE FCB AS.	1	
⚠	86	ARAHLCW11320	LABEL NAME & REF - HKVN	1	
	86	ARAHLCW11330	LABEL NAME & REF - HKMY	1	
	86	ARAHLCW11340	LABEL NAME & REF - HKSG	1	
	86	ARAHLCW11360	LABEL NAME & REF - HKPH	1	
	86	ARAHLCW11890	LABEL NAME & REF - AKTH	1	
	86	ARAHLCW11380	LABEL NAME & REF - AKVN	1	

16.7 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-CY550AK,GK,QS(TH), CY550HK,AK,GK,QK(VN), CY550HK,GK(MY),CY550HK,GK(SG)
NR-CY550GK,QS(1D), CY550HK,GK,QS(PH), CY55CGK,PS(AU), CY550GK,QK (XZ)**

Part Exploded view : Door

Safety	Ref. No.	Part No.	Part name	Quantity	Remark
	86	ARAHLCW11900	LABEL NAME & REF - GKTH	1	
	86	ARAHLCW11910	LABEL NAME & REF - GKVN	1	
	86	ARAHLCW11920	LABEL NAME & REF - GKMY	1	
	86	ARAHLCW11930	LABEL NAME & REF - GKSG	1	
	86	ARAHLCW11940	LABEL NAME & REF - GK1D	1	
	86	ARAHLCW11950	LABEL NAME & REF - GKPH	1	
	86	ARAHLCW11961	LABEL NAME & REF - GKAU	1	
	86	ARAHLCW11430	LABEL NAME & REF - QKVN	1	
	86	ARAHLCW11460	LABEL NAME & REF - QSTH	1	
	86	ARAHLCW11970	LABEL NAME & REF - QS1D	1	
	86	ARAHLCW11980	LABEL NAME & REF - QSPH	1	
	86	ARAHLCW11472	LABEL NAME & REF - PSAU	1	
	86	ARAHLCW12610	LABEL NAME & REF - GKXZ	1	
	86	ARAHLCW12620	LABEL NAME & REF - QKXZ	1	

16.8 Packing List

Safety	Ref. No.	Part No.	Part name	Quantity	Remark
	87	CNRAK-173513	CARTON BOX PRINT	1	EXPORT
	87	ARAKCB300660	CARTON BOX PRINT	1	TH
	87	ARAKCB301100	CARTON BOX PRINT	1	XZ
	88	ARAHSL107150	STICKER MODEL NAME - HKVN	2	
	88	ARAHSL107160	STICKER MODEL NAME - HKMY	2	
	88	ARAHSL107170	STICKER MODEL NAME - HKSG	2	
	88	ARAHSL107191	STICKER MODEL NAME - HKPH	2	
	88	ARAHSL107890	STICKER MODEL NAME - AKTH	2	
	88	ARAHSL107210	STICKER MODEL NAME - AKVN	2	
	88	ARAHSL107900	STICKER MODEL NAME - GKTH	2	
	88	ARAHSL107910	STICKER MODEL NAME - GKVN	2	
	88	ARAHSL107920	STICKER MODEL NAME - GKMY	2	
	88	ARAHSL107930	STICKER MODEL NAME - GKSG	2	
	88	ARAHSL107940	STICKER MODEL NAME - GK1D	2	
	88	ARAHSL107951	STICKER MODEL NAME - GKPH	2	
	88	ARAHSL107961	STICKER MODEL NAME - GKAU	2	
	88	ARAHSL107260	STICKER MODEL NAME - QKVN	2	
	88	ARAHSL107290	STICKER MODEL NAME - QSTH	2	
	88	ARAHSL107970	STICKER MODEL NAME - QS1D	2	
	88	ARAHSL107980	STICKER MODEL NAME - QSPH	2	
	88	ARAHSL107301	STICKER MODEL NAME - PSAU	2	
	88	ARAHSL108630	STICKER MODEL NAME - GKXZ	2	
	88	ARAHSL108640	STICKER MODEL NAME - QKXZ	2	
	89	ARBKBB100240	BOTTOM TRAY AS.	1	
	90	CNRAJ-162080	PLASTIC COVER	1	
	91	CNRBK-140220	TOP PAD AS.	1	
	92	CNRAK-173680	TOP PAD C	1	
	93	CNRBK-140421	PAD CORNER AS	2	
	94	CNRAK-156040	INS. PC PAD	2	PROTECT PART SLIDE
	95	CNRAK-142810	SHELL SIDE PAD	2	LEFT&RIGHT
	96	CNRBK-140231	PROTECTOR DOOR AS.	1	
	97	ARAH1E200640	INSTRUCTION BOOK - TH	1	
	97	ARAH1E200650	INSTRUCTION BOOK - VN	1	
	97	ARAH1E200660	INSTRUCTION BOOK - MY	1	
	97	ARAH1E200670	INSTRUCTION BOOK - SG	1	
	97	ARAH1E200680	INSTRUCTION BOOK - 1D	1	
	97	ARAH1E200690	INSTRUCTION BOOK - PH	1	
	97	ARAH1E200701	INSTRUCTION BOOK - AU	1	
	97	ARAH1E202101	INSTRUCTION BOOK - XZ	1	
	98	CNRAH-329551	WRENCH INSTRUCTION	2	
	98	ARAHWD100010	WRENCH ADJUSTER BOLT	1	
	98	CNRAJ-172190	PLASTIC BAG WRENCH	1	

17. DETAIL CHANGE NOTICE

Revision	Item no.	Page	Detail	Remark
Oct. 2019	16.3,16.8	47,52	Addition Wrench Adjuster Bolt and concern part	
Mar. 2020	All	All	Addition spec and part list for NR-CY550GK,QK (XZ) India	
	14	35-42	Revise Schematic Diagram	
May. 2020	16	49-58	Cancel Door as. PCR (CMPT-SET)	
			Add. Advisory Label Front / Update Part no.	