Order No. PHAT070901C3

Service Manual

Supplement



Refrigerator

NR-B261M
NR-B261MW
NR-B301M
NR-B301MW
NR-B27M1
NR-B32M1

Product Color
Silver (SL), Silver Blue (SB), White (W)
Destination
Hong Kong, Singapore (DBD), Malaysia, UAE, Singapore (RBD), Thailand, Vietnam
(Revision Jan.09)

100% CFC FREE

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

This 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 with in 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.

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1. Safety Cautions for Repairing

When you repair refrigerator, please kindly take care of following cautions.

a) Warning

	**Before repairing unit, unplug supply cord** • Before you repair refrigerator, unplug the supply cord.
	**Use authentic parts when repairing** • When you replace the parts, please use authentic parts to replace defective parts.
	**Caution during brazing** • When you use touch for brazing, please ensure ventilation. Otherwise, you will be poisoned by carbon monoxide.
	**Pay attention to using refrigerant** • If refrigerant touches fire, the gas becomes poisonous gas.
	**Pay attention to getting electricity shock** • When you check the voltage of terminal, please do not touch the electricity parts terminal. • When you replace the parts, please wait three minutes at least for discharging capacitor.
	**Check safety after repairing** • Check the screws, parts, lead wires to take in place. • And check the repairing portion whether circumferential parts are damaged or not. • Check insulation resistance between supply plug and earth. • When install refrigerator, check condition of supply cord and plug. • Wipe off the dust on plug.

b) Caution

	**Watch the hot parts** • During operation and after operation, compressor and pipes are hot. • Also, under these condition, heater are hot. • Do not burn your fingers when you touch it.
	**Pay attention to refrigerant** • Do not touch liquid refrigerant. • Otherwise, your hands may be burnt.
	**Pay attention to edge of parts** • Otherwise, your fingers may be cut.
	**Pay attention to fins of evaporator and condenser.** • Otherwise, your fingers may be cut.
	**Before transportation, adjust adjustable bolt** • Otherwise, the floor may be damaged.
	**Do not touch the pipe after brazing** • Otherwise, your hands may be burnt.

2. Specification and Components

2.1 NR-B261M, NR-B261MW, NR-B27M1

Model		NR-B261M, NR-B261MW and NR-B27M1							
Destination		**Malaysia**	**Sing-RBD**	**Hong Kong**	**Sing-DBD**	**UAE**	**GULF**	**Thailand**	**Vietnam**
Plug		S3P	C2P	B3P	L3P	S3P		C2P	C2P
Power Source		240V, 50Hz	220V, 50Hz	AC 220V, 50Hz	230V, 50Hz	220~240V, 50Hz		220V, 50Hz	220V, 50Hz
Specification									
Capacity	Total volume	255L							
	Freezer FC	71L							
	Fresh food PC	184L							
Internal dimention		Width x Depth x Height							
	FC	472.6 mm x 336 mm x 497.8 mm							
	PC	510 mm x 432 mm x 829.6 mm							
External dimensions		595.8 mm x 615 mm x 1544 mm							
Net weight		55 kg							
Installation space		Side : 50 mm Min, Back : 100 mm Min, Top : 300 mm Min							
Energy Label		4 Stars	-	Grade 1	2 Ticks	-		Level 5	-
Temperature control		Full-automatic temp. Control equipment (FC: Control board,fc operation board PC : Closed temp. (Normal), GAS charge type)							
Defrosting		Full-automatic (Forcibly evaporated in the air)							
Exterior finish (cabinet / door)		SPCC-SD							
Inner liner		Vacuum formed ABS resin							
Insulation		Cyclopentane (RG568) foam (shell and door)							
Sealed Unit									
Compressor		DA57C11RAY5, cylinder cap A.=5.65 cm rev. Capacity=163W /163W, Power input=109W /110W							
Evaporator		Fin and tube							
Condenser		Single wall steel tube (zinc coat)							
Refrigerant charge		HFC-134a, 120 ± 5g							
Lubricating oil		280 ml (Freol α-10)							
Electric Parts									
Temp. baffle damper		MM1-6180B, Closed temp. (normal)-1.0 ±1.5 C							
Door switch PC		D3D-121 (OMRON), 250V / 0.5A , Switch type S.P.-S.T							
Fan motor		FBA11J14VXA Rating= DC14V /1.54W under Applied fan=90 mm. PROP FAN (Box type)							
Motor compressor		Split-phase induction motor, EQ-BR12 (12), 220V / 50Hz / 140W 2poles							
Lamp receptacle		E14 / 22, 250 V / 2A							
Lamp		E14 / 22, 240 V / 15W							
FC sensor (FCC)		PTC B=3850K ± 2% , R20=18.9KΩ ± 1.8%							
FC sensor (DFC)		PTC B=3819K ± 2% , R10=3.899KΩ ± 3%							
Ambient temp. sensor (ATC)		PTC B=3435K ± 1% , R25=10.0KΩ ± 3%							
PTC relay		PTH7M330MD2							
Motor protector		5TM718MFBYY							
Running capacitor		401405L, 400V / 4.0 μF							
Temperature fuse		Micro temp. : 250V / 10A / 73°C							

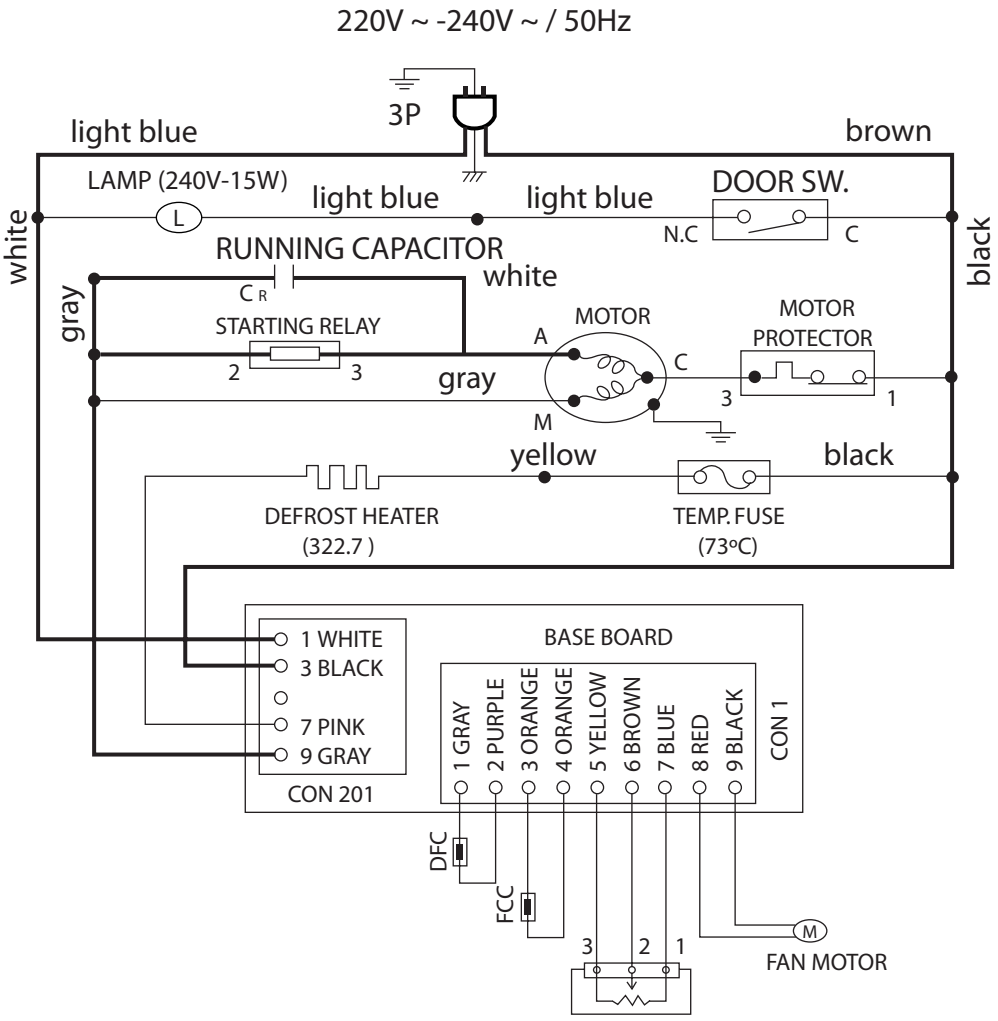
2. Specification and Components

2.2 NR-B301M, NR-B301MW, NR-B32M1

Model		NR-B301M, NR-B301MW and NR-B32M1							
Destination		**Malaysia**	**Sing-RBD**	**Hong Kong**	**Sing-DBD**	**UAE**	**GULF**	**Thailand**	**Vietnam**
Plug		S3P	C2P	B3P	L3P	S3P		C2P	C2P
Power Source		240V, 50Hz	220V, 50Hz	AC 220V, 50Hz	230V, 50Hz	220~240V, 50Hz		220~240V, 50Hz	220V, 50Hz
Specification									
Capacity	Total volume	299L							
	Freezer FC	71L							
	Fresh food PC	228L							
Internal dimention		Width x Depth x Height							
	FC	472.6 mm x 432 mm x 497.8 mm							
	PC	510 mm x 336 mm x 1019.60 mm							
External dimensions		595.8 mm x 615 mm x 1734 mm							
Net weight		59 kg							
Installation space		Side : 50 mm Min, Back : 100 mm Min, Top : 300 mm Min							
Energy Label		3 Stars	-	Grade 1	2 Ticks	-		Level 5	-
Temperature control		Full-automatic temp. Control equipment (FC: Control board, fc operation board PC : Closed temp. (Normal), GAS charge type)							
Defrosting		Full-automatic (Forcibly evaporated in the air)							
Exterior finish (cabinet / door)		SPCC-SD							
Inner liner		Vacuum formed ABS resin							
Insulation		Cyclopentane (RG568) foam (shell and door)							
Sealed Unit									
Compressor		QB73C12GAW5	DA66C12RAY5						
Evaporator		Fin and tube							
Condenser		Single wall steel tube (zinc coat)							
Refrigerant charge		HFC-134a, 130 ± 5g							
Lubricating oil		280 ml (Freol α-10)							
Electric Parts									
Temp. baffle damper		MM1-6180B, Closed temp. (normal)-1.0±1.5 C							
Door switch PC		D3D-121 (OMRON), 250V / 0.5A, Switch type S.P.-S.T							
Fan motor		FBA11J14VXA Rating= DC14V / 1.54W under Applied fan=90 mm. PROP FAN (Box type)							
Motor compressor		Split-phase induction motor, EQ-BR12 (12), 220V / 50Hz / 140W 2poles							
Lamp receptacle		E14 / 22,250 V / 2A							
Lamp		E14 / 22,240 V / 15W							
FC sensor (FCC)		PTC B=3850K ± 2% , R20=18.9KΩ ± 1.8%							
FC sensor (DFC)		PTC B=3819K ± 2% , R10=3.899KΩ ± 3%							
Ambient temp. sensor (ATC)		PTC B=3435K ± 1% , R25=10.0KΩ ± 3%							
PTC relay		PTH7M330MC1	PTH7M330MD2						
Motor protector		5TM232THBYY	5TM724MFBYY						
Running capacitor		401405L, 400V / 4.0 μF							
Temperature fuse		Micro temp. : 250V / 10A / 73°C							

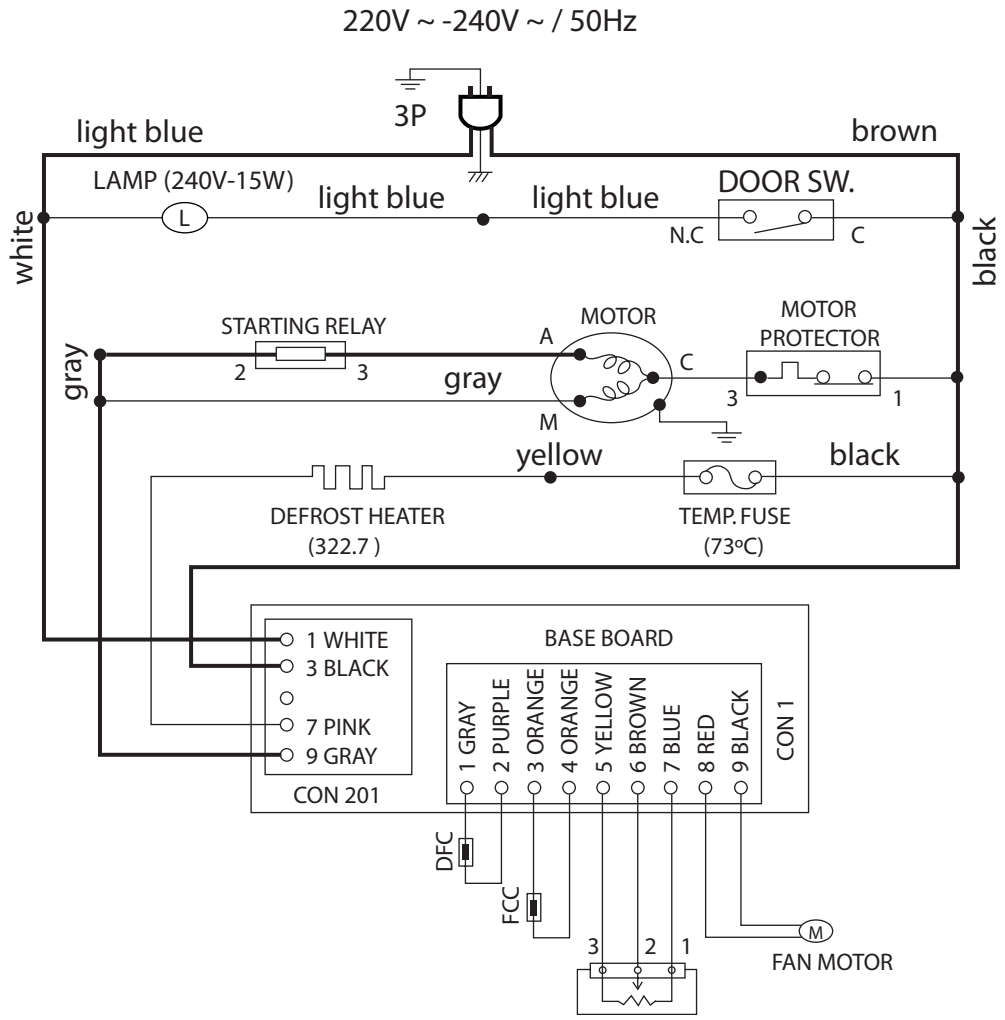
3. Schematic Diagram

3.1 NR-B261M, NR-B261MW, NR-B27M1



3. Schematic Diagram

3.2 NR-B301M, NR-B301MW, NR-B32M1



4. Performance Data

4.1 NR-B261M, NR-B261MW, NR-B27M1

Control setting	PC	"3"	"2"	"1"
	FC	"3"	"2"	"1"
Mean freezer load temp. (°C)		-22.0 ± 2.5	-19.0 ± 2.5	-15.0 ± 2.5
Mean fresh food compartment temp. (°C)		1.0 ± 2.5	4.0 ± 2.5	7.0 ± 2.5
Running ration (%)		85.0 ± 15	60.0 ± 15	7.0 ± 15
Power consumption (kWh / 24 hrs)		-	1.8	-

* Under on- load and ambient temperature 32 ℃

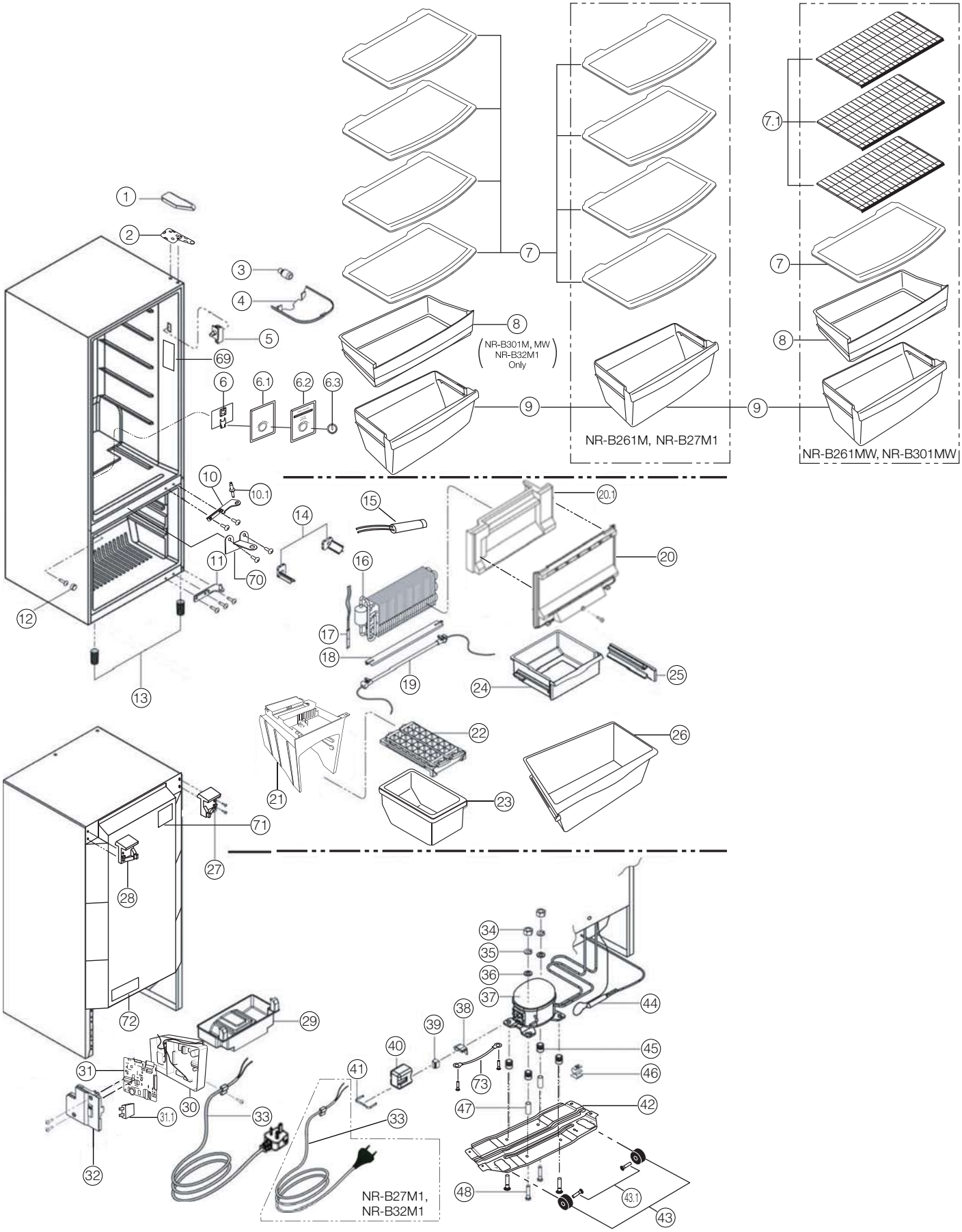
4.2 NR-B301M, NR-B301MW, NR-B32M1

Control setting	PC	"3"	"2"	"1"
	FC	"3"	"2"	"1"
Mean freezer load temp. (°C)		-22.0 ± 2.5	-19.0 ± 2.5	-15.0 ± 2.5
Mean fresh food compartment temp. (°C)		1.0 ± 2.5	4.0 ± 2.5	7.0 ± 2.5
Running ration (%)		85.0 ± 15	65.0 ± 15	7.0 ± 15
Power consumption (kWh / 24 hrs)		-	2	-

* Under on- load and ambient temperature 32 ℃

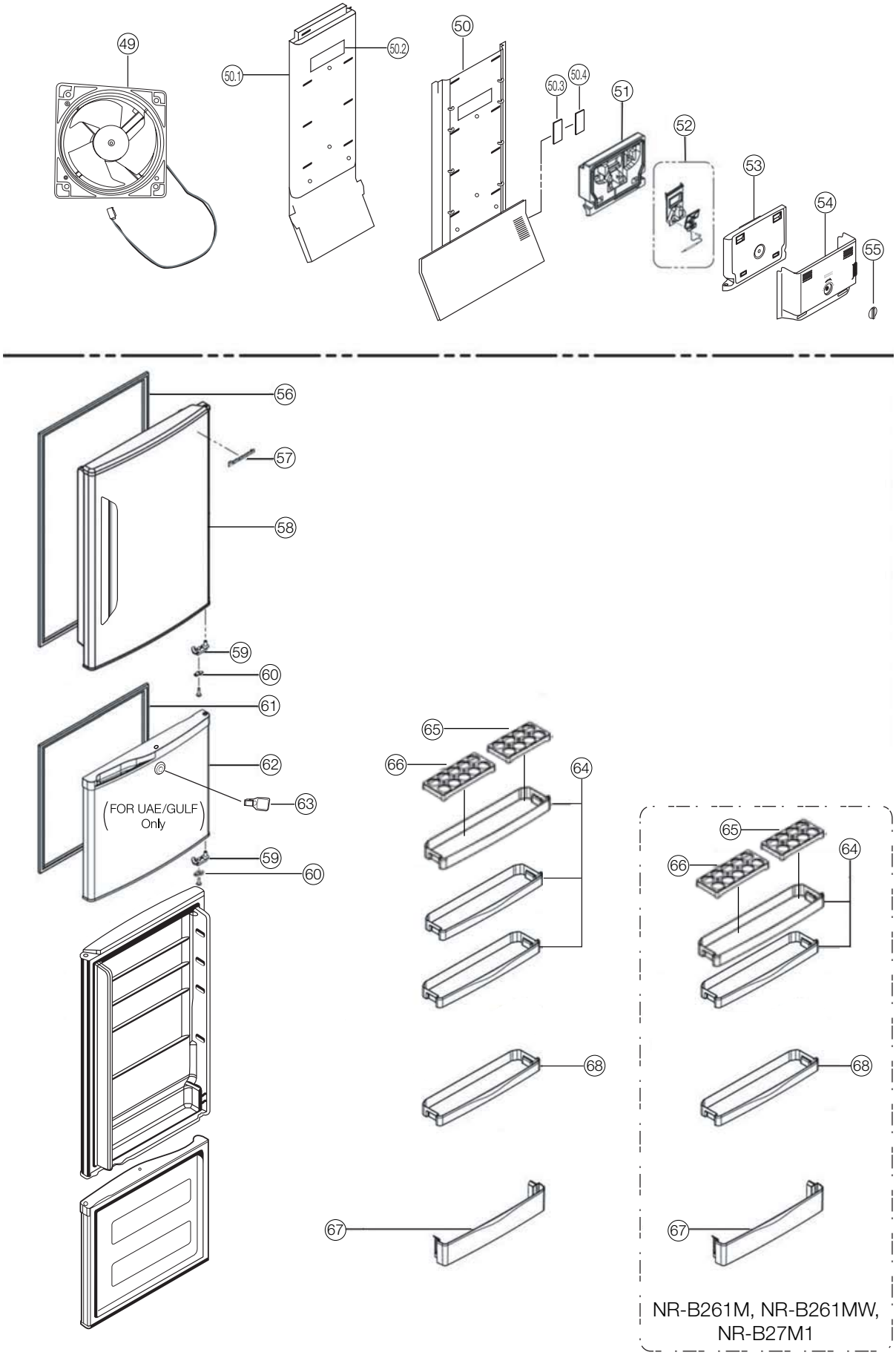
5. Parts Location

NR-B261M, NR-B261MW, NR-B301M, NR-B301MW, NR-B27M1, NR-B32M1



5. Parts Location

NR-B261M, NR-B261MW, NR-B301M, NR-B301MW, NR-B27M1, NR-B32M1



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 of NR-B261M, NR-B261MW, NR-B27M1

Ref. No.	Parts Name	Part No.	Safety	Model/Qty											
				NR-B261M								NR-B261MW		NR-B27M1	
				MAL	DBD	HK		RBD	VIET	UAE		GULF		THAILAND	
				S7	S6	S3	A3	S4	S2	S8	W8	S7	W7	SL	SB
1	COVER HINGE TOP	CNRAE-136521		1	1	1		1	1	1		1		1	
		CNRAE-136541					1								1
		CNRAE-136551									1		1		
2	HINGE TOP	CNRAE-136532	S	1	1	1	1	1	1	1	1	1	1	1	1
3	15-240 LAMP	CNRAG-156520		1	1	1	1	1	1	1	1	1	1	1	1
4	COVER ROOM LAMP	CNRAH-223104		1	1	1	1	1	1	1	1	1	1	1	1
5	DOOR SW.	CNRAG-153290		1	1	1	1	1	1	1	1	1	1	1	1
6	PAS CONTROL (INSIDE)	CNRBG-162391		1	1	1	1	1	1	1	1	1	1	1	1
6.1	BASE CONTROL	CNRAC-200621		1	1	1	1	1	1	1	1	1	1	1	1
6.2	LABEL BASE CONTROL	CNRAC-200631		1	1	1	1	1	1	1	1	1	1	1	1
6.3	DIAL CONTROL	CNRAC-200643		1	1	1	1	1	1	1	1	1	1	1	1
7	GLASS SHELF PC	CNRAH-234632		4	4	4	4	4	4	4	4	1	1	4	4
7.1	WIRE TRAY PC	CNRAH-236530										3	3		
8	FRUIT CASE	CNRAH-239710													
9	CRISPER	CNRAH-235442		1	1	1	1	1	1	1	1	1	1	1	1
10	HINGE CENTER	CNRAE-136502	S	1	1	1	1	1	1	1	1	1	1	1	1
10.1	PIN HINGE CENTER	CNRAE-136583		1	1	1	1	1	1	1	1	1	1	1	1
11	HINGE BOTTOM	CNRAE-136493	S	1	1	1	1	1	1	1	1	1	1	1	1
12	CAP PAN H. 4TS (DE)	CNR39-162680		3	3	3		3	3	3	3	3	3	3	
	CAP PAN H. 4TS (A)	CNR39-162550					3								3
13	ADJUSTER BOLT	CNR38-992500		2	2	2	2	2	2	2	2	2	2	2	2
14	SUPPORT COIL	CNRAF-163501		2	2	2	2	2	2	2	2	2	2	2	2
15	SENSOR DEF.	CNRAG-140111		1	1	1	1	1	1	1	1	1	1	1	1
16	EVAPORATOR COIL AS.	CNRBF-146470		1	1	1	1	1	1	1	1	1	1	1	1
17	TEMP. FUSE AS.	CNRBG-165511		1	1	1	1	1	1	1	1	1	1	1	1
18	COVER RADIANT	CNRAG-151290		1	1	1	1	1	1	1	1	1	1	1	1
19	HEATER AS. DEFORST	CNRAG-159822	S	1	1	1	1	1	1	1	1	1	1	1	1
20	COVER COIL	CNRAF-171421		1	1	1	1	1	1	1	1	1	1	1	1
20.1	INS. COVER COIL	CNRAF-171430		1	1	1	1	1	1	1	1	1	1	1	1
21	HOLDER ICE TRAY	CNRAH-234492		1	1	1	1	1	1	1	1	1	1	1	1
22	ICE CUBE TRAY AS.	CNRBH-135250		1	1	1	1	1	1	1	1	1	1	1	1
23	BOX ICE TRAY	CNRAH-234611		1	1	1	1	1	1	1	1	1	1	1	1
24	CASE FCT	CNRAH-234603		1	1	1	1	1	1	1	1	1	1	1	1
25	RAIL FCTR	CNRAC-203451		1	1	1	1	1	1	1	1	1	1	1	1
26	CASE FCB	CNRAH-229841		1	1	1	1	1	1	1	1	1	1	1	1
27	HANGER SHELL R	CNRAC-206002		1	1	1	1	1	1	1	1	1	1	1	1
28	HANGER SHELL L	CNRAC-206012		1	1	1	1	1	1	1	1	1	1	1	1
29	PAN WATER EVA AS.	CNRBF-145970		1	1	1	1	1	1	1	1	1	1	1	1
30	BOX CAPACITOR	CNRAG-160851		1	1	1	1	1	1	1	1	1	1	1	1
31	PAS -02735 (CONTROL)	CNRBG-164146		1	1	1	1	1	1	1	1	1	1	1	1
31.1	MF CAPACITOR	CNRAG-153360		1	1	1	1	1	1	1	1	1	1	1	1
32	COVER BOX CAPACITOR	CNRAG-159022		1	1	1	1	1	1	1	1	1	1	1	1
33	SUPPLY CORD AS. (S3P)	CNRBG-169231	S	1	1	1	1					1	1		
	SUPPLY CORD AS. (S3P)	CNRBG-169240	S							1	1				
	SUPPLY CORD AS. (C2P)	CNRBG-164191	S					1							
	SUPPLY CORD AS. (C2P)	CNRAG-161470	S						1						
	SUPPLY CORD AS. (C2P)	CNRAG-164171	S											1	1
34	HEXAGON NUT 8	CNR38-8170A1		4	4	4	4	4	4	4	4	4	4	4	4
35	SPRING WASHER 8	CNR38-4270A0		4	4	4	4	4	4	4	4	4	4	4	4
36	8 WASHER	CNR38-4170A0		4	4	4	4	4	4	4	4	4	4	4	4
37	COMPRESSOR DA57C11RAY5	CNR91-114650		1	1	1	1	1	1	1	1	1	1	1	1
38	MOTOR PROTECTOR	CNR06-596410	S	1	1	1	1	1	1	1	1	1	1	1	1
39	PTC RELAY	CNR06-592700	S	1	1	1	1	1	1	1	1	1	1	1	1
40	COVER PROTECTOR	CNRAG-160560		1	1	1	1	1	1	1	1	1	1	1	1
41	CLAMP COVER PROTECTOR	CNRAG-160551		1	1	1	1	1	1	1	1	1	1	1	1
42	CROSSRAIL REAR	CNRAF-171393		1	1	1	1	1	1	1	1	1	1	1	1
43	ROLLER 40	CNRAC-116280		2	2	2	2	2	2	2	2	2	2	2	2
43.1	PIN CASTER	CNR02-325701		2	2	2	2	2	2	2	2	2	2	2	2
44	5 DRYER W	CNR39-340920		1	1	1	1	1	1	1	1	1	1	1	1
45	RUBBER GROMMET	CNR01-245970		4	4	4	4	4	4	4	4	4	4	4	4

Parts List of NR-B261M, NR-B261MW, NR-B27M1

Ref. No.	Parts Name	Part No.	Safety	Model/Qty											
				NR-B261M								NR-B261MW		NR-B27M1	
				MAL	DBD	HK		RBD	VIET	UAE		GULF		THAILAND	
				S7	S6	S3	A3	S4	S2	S8	W8	S7	W7	SL	SB
46	CLAMPER DRYER	CNR39-163081		1	1	1	1	1	1	1	1	1	1	1	1
47	SLEEVE COMP.	CNRAJ-112932		4	4	4	4	4	4	4	4	4	4	4	4
48	HEXAGON 8 BOLT 40	CNR38-9924A0		4	4	4	4	4	4	4	4	4	4	4	4
49	FAN MOTOR FC	CNRAG-130231		1	1	1	1	1	1	1	1	1	1	1	1
50	PLATE DUCT PC	CNRAH-235731		1	1	1	1	1	1	1	1	1	1	1	1
50.1	INS. DUCT PC	CNRAH-235473		1	1	1	1	1	1	1	1	1	1	1	1
50.2	ESCUTCHEON TWIN BIO	CNRAH-239250		1	1	1	1	1	1	1	1	1	1	1	1
50.3	FILTER DEODORIZER	CNRAG-153310		1	1	1	1	1	1	1	1	1	1	1	1
50.4	FILTER BIO	CNRAH-158460		1	1	1	1	1	1	1	1	1	1	1	1
51	INS. CONTROL PANEL B	CNRAC-204984		1	1	1	1	1	1	1	1	1	1	1	1
52	BAFFLE DAMPER THERMO AS.	CNRBG-159331		1	1	1	1	1	1	1	1	1	1	1	1
53	INS. CONTROL PANEL F	CNRAC-204974		1	1	1	1	1	1	1	1	1	1	1	1
54	CONTROL PANEL	CNRAH-235722		1	1	1	1	1	1	1	1	1	1	1	1
55	DIAL THERMO. PC	CNRAH-238991		1	1	1	1	1	1	1	1	1	1	1	1
56	GASKET DOOR PC	CNRAD-306172		1	1	1	1	1	1	1	1	1	1	1	1
57	EMBLEM	CNRAD-307954		1	1	1	1	1	1	1	1	1	1	1	1
58	DOOR AS. PC (FOAM)	CNRBD-306722		1	1	1		1	1					1	
		CNRBD-306732					1								1
		CNRBD-310102								1		1			
		CNRBD-306742									1		1		
59	LATCH DOOR	CNRAE-136512		1	1	1	1	1	1	1	1	1	1	1	1
60	STOPPER DOOR	CNRAD-305832		1	1	1	1	1	1	1	1	1	1	1	1
61	GASKET DOOR FC	CNRAD-306160		1	1	1	1	1	1	1	1	1	1	1	1
62	DOOR AS. FC (FOAM)	CNRBD-306602		1	1	1		1	1	1		1		1	
		CNRBD-306612					1				1		1		1
	DOOR AS. FC (FOAM)-S (KEY)	CNRBD-309762								1		1			
	DOOR AS. FC (FOAM)-W (KEY)	CNRBD-306622									1		1		
63	KEY HANDLE	CNRAE-116751								1	1	1	1		
64	SHELF EGG	CNRAD-305581		2	2	2	2	2	2	2	2	2	2	2	2
65	EGG TRAY 8	CNRAD-156490		1	1	1	1	1	1	1	1	1	1	1	1
66	EGG TRAY 10	CNRAD-269530		1	1	1	1	1	1	1	1	1	1	1	1
67	SHELF BOTTLE	CNRAD-304572		1	1	1	1	1	1	1	1	1	1	1	1
68	SUPPORT PC	CNRAD-305591		1	1	1	1	1	1	1	1	1	1	1	1
69	LABEL NAME & REF.	CNRAH-250260	**S**	1											
		CNRAH-250270	**S**		1										
		CNRAH-250290	**S**			1									
		CNRAH-250300	**S**				1								
		CNRAH-250320	**S**					1							
		CNRAH-251700	**S**						1						
		CNRAH-250330	**S**							1					
		CNRAH-250340	**S**								1				
		CNRAH-250390	**S**									1			
		CNRAH-250400	**S**										1		
		CNRAH-250360	**S**											1	
		CNRAH-250370	**S**												1
70	STOPPER KEY	CNRAE-134260								1	1	1	1		
71	WIRING DIAGRAM	CNRAH-237580		1											
		CNRAH-237360			1			1		1	1				
		CNRAH-237370				1	1								
		CNRAH-251760							1						
		CNRAH-237410										1	1		
		CNRAH-237680												1	1
72	WARNING LABEL	CNRAH-239732	**S**	1	1	1	1	1	1	1	1	1	1		
		CNRAH-240352	**S**											1	1
73	EARTH AS. COMP.	CNRBG-156650		1	1	1	1	1	1	1	1	1	1	1	1

Packing List of NR-B261M, NR-B261MW, NR-B27M1

Ref. No.	Parts Name	Part No.	Safety	Model/Qty											
				NR-B261M								NR-B261MW		NR-B27M1	
				MAL	DBD	HK		RBD	VIET	UAE		GULF		THAILAND	
				S7	S6	S3	A3	S4	S2	S8	W8	S7	W7	SL	SB
	PACKING AS.	CNRBK-112043		1											
		CNRBK-112083			1										
		CNRBK-112095				1									
		CNRBK-112105					1								
		CNRBK-112262						1							
		CNRBK-115240							1						
		CNRBK-112395								1					
		CNRBK-112403									1				
		CNRBK-112413										1			
		CNRBK-112423											1		
		CNRBK-112282												1	
		CNRBK-112302													1
	BOTTOM TRAY AS.	CNRBK-112003		1	1	1	1	1	1	1	1	1	1		
		CNRBK-111994												1	1
	PLASTIC COVER	CNRAJ-151650		1	1	1	1	1	1	1	1	1	1	1	1
	TOP PAD L	CNRAK-135490		1	1	1	1	1	1	1	1	1	1	1	1
	TOP PAD R	CNRAK-135500		1	1	1	1	1	1	1	1	1	1	1	1
	TOP PAD FRONT	CNRAK-136180				1	1								
	TOP PAD BACK	CNRAK-136190				1	1								
	PAPER PROTECTOR FRONT	CNRAH-133860				1	1								
	INSTRUCTION BOOK	CNRAK-140300		1											
		CNRAK-140310			1	1	1								
		CNRAK-140320						1		1	1	1	1		
		CNRAK-140630							1						
		CNRAK-136102												1	1

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 of NR-B301M, NR-B301MW, NR-B32M1

Ref. No.	Parts Name	Part No.	Safety	Model/Qty											
				NR-B301M								NR-B301MW		NR-B32M1	
				MAL	DBD	HK		RBD	VIET	UAE		GULF		THAILAND	
				S7	S6	S3	A3	S4	S2	S8	W8	S7	W7	SL	SB
1	COVER HINGE TOP	CNRAE-136521		1	1	1		1	1	1		1		1	
		CNRAE-136541					1								1
		CNRAE-136551									1		1		
2	HINGE TOP	CNRAE-136532	S	1	1	1	1	1	1	1	1	1	1	1	1
3	15-240 LAMP	CNRAG-156520		1	1	1	1	1	1	1	1	1	1	1	1
4	COVER ROOM LAMP	CNRAH-223104		1	1	1	1	1	1	1	1	1	1	1	1
5	DOOR SW.	CNRAG-153290		1	1	1	1	1	1	1	1	1	1	1	1
6	PAS CONTROL (INSIDE)	CNRBG-162391		1	1	1	1	1	1	1	1	1	1	1	1
6.1	BASE CONTROL	CNRAC-200621		1	1	1	1	1	1	1	1	1	1	1	1
6.2	LABEL BASE CONTROL	CNRAC-200631		1	1	1	1	1	1	1	1	1	1	1	1
6.3	DIAL CONTROL	CNRAC-200643		1	1	1	1	1	1	1	1	1	1	1	1
7	GLASS SHELF PC	CNRAH-234632		4	4	4	4	4	4	4	4	1	1	4	4
7.1	WIRE TRAY PC	CNRAH-236530										3	3		
8	FRUIT CASE	CNRAH-239710		1	1	1	1	1	1	1	1	1	1	1	1
9	CRISPER	CNRAH-235442		1	1	1	1	1	1	1	1	1	1	1	1
10	HINGE CENTER	CNRAE-136502	S	1	1	1	1	1	1	1	1	1	1	1	1
10.1	PIN HINGE CENTER	CNRAE-136583		1	1	1	1	1	1	1	1	1	1	1	1
11	HINGE BOTTOM	CNRAE-136493	S	1	1	1	1	1	1	1	1	1	1	1	1
12	CAP PAN H. 4TS (DE)	CNR39-162680		3	3	3		3	3	3	3	3	3	3	
	CAP PAN H. 4TS (A)	CNR39-162550					3								3
13	ADJUSTER BOLT	CNR38-992500		2	2	2	2	2	2	2	2	2	2	2	2
14	SUPPORT COIL	CNRAF-163501		2	2	2	2	2	2	2	2	2	2	2	2
15	SENSOR DEF.	CNRAG-140111		1	1	1	1	1	1	1	1	1	1	1	1
16	EVAPORATOR COIL AS.	CNRBF-146470		1	1	1	1	1	1	1	1	1	1	1	1
17	TEMP. FUSE AS.	CNRBG-165511		1	1	1	1	1	1	1	1	1	1	1	1
18	COVER RADIANT	CNRAG-151290		1	1	1	1	1	1	1	1	1	1	1	1
19	HEATER AS. DEFORST	CNRAG-159822	S	1	1	1	1	1	1	1	1	1	1	1	1
20	COVER COIL	CNRAF-171421		1	1	1	1	1	1	1	1	1	1	1	1
20.1	INS. COVER COIL	CNRAF-171430		1	1	1	1	1	1	1	1	1	1	1	1
21	HOLDER ICE TRAY	CNRAH-234492		1	1	1	1	1	1	1	1	1	1	1	1
22	ICE CUBE TRAY AS.	CNRBH-135250		1	1	1	1	1	1	1	1	1	1	1	1
23	BOX ICE TRAY	CNRAH-234611		1	1	1	1	1	1	1	1	1	1	1	1
24	CASE FCT	CNRAH-234603		1	1	1	1	1	1	1	1	1	1	1	1
25	RAIL FCTR	CNRAC-203451		1	1	1	1	1	1	1	1	1	1	1	1
26	CASE FCB	CNRAH-229841		1	1	1	1	1	1	1	1	1	1	1	1
27	HANGER SHELL R	CNRAC-206002		1	1	1	1	1	1	1	1	1	1	1	1
28	HANGER SHELL L	CNRAC-206012		1	1	1	1	1	1	1	1	1	1	1	1
29	PAN WATER EVA AS.	CNRBF-145970		1	1	1	1	1	1	1	1	1	1	1	1
30	BOX CAPACITOR	CNRAG-160851		1	1	1	1	1	1	1	1	1	1	1	1
31	PAS -02735 (CONTROL)	CNRBG-164146		1	1	1	1	1	1	1	1	1	1	1	1
31.1	MF CAPACITOR	CNRAG-153360		1	1	1	1	1	1	1	1	1	1	1	1
32	COVER BOX CAPACITOR	CNRAG-159022		1	1	1	1	1	1	1	1	1	1	1	1
33	SUPPLY CORD AS. (S3P)	CNRBG-169231	S	1	1	1	1					1	1		
	SUPPLY CORD AS. (S3P)	CNRBG-169240	S							1	1				
	SUPPLY CORD AS. (C2P)	CNRBG-164191	S					1							
	SUPPLY CORD AS. (C2P)	CNRAG-161470	S						1						
	SUPPLY CORD AS. (C2P)	CNRBG-164171	S											1	1
34	HEXAGON NUT 8	CNR38-8170A1		4	4	4	4	4	4	4	4	4	4	4	4
35	SPRING WASHER 8	CNR38-4270A0		4	4	4	4	4	4	4	4	4	4	4	4
36	8 WASHER	CNR38-4170A0		4	4	4	4	4	4	4	4	4	4	4	4
37	COMPRESSOR DA66C12RAY5	CNR91-125750			1	1	1	1	1	1	1	1	1	1	1
	COMPRESSOR QB73C12GAW5	CNR91-145850		1											
38	MOTOR PROTECTOR	CNR06-595980	S		1	1	1	1	1	1	1	1	1	1	1
		CNR06-598130	S	1											
39	PTC RELAY	CNR06-592680	S	1											
		CNR06-592700	S		1	1	1	1	1	1	1	1	1	1	1
40	PROTECTOR COVER	CNR01-899534		1	1	1	1	1	1	1	1	1	1	1	1
41	CLAMP PROTECTOR COVER	CNR01-245233		1	1	1	1	1	1	1	1	1	1	1	1

Parts List of NR-B301M, NR-B301MW, NR-B32M1

Ref. No.	Parts Name	Part No.	Safety	Model/Qty											
				NR-B301M								NR-B301MW		NR-B32M1	
				MAL	DBD	HK		RBD	VIET	UAE		GULF		THAILAND	
				S7	S6	S3	A3	S4	S2	S8	W8	S7	W7	SL	SB
42	CROSSRAIL REAR	CNRAF-171393		1	1	1	1	1	1	1	1	1	1	1	1
43	ROLLER 40	CNRAC-116280		2	2	2	2	2	2	2	2	2	2	2	2
43.1	PIN CASTER	CNR02-325701		2	2	2	2	2	2	2	2	2	2	2	2
44	5 DRYER W	CNR39-340920		1	1	1	1	1	1	1	1	1	1	1	1
45	RUBBER GROMMET	CNR01-245970		4	4	4	4	4	4	4	4	4	4	4	4
46	CLAMPER DRYER	CNR39-163081		1	1	1	1	1	1	1	1	1	1	1	1
47	SLEEVE COMP.	CNRAJ-112932		4	4	4	4	4	4	4	4	4	4	4	4
48	HEXAGON 8 BOLT 40	CNR38-9924A0		4	4	4	4	4	4	4	4	4	4	4	4
49	FAN MOTOR FC	CNRAG-130231		1	1	1	1	1	1	1	1	1	1	1	1
50	PLATE DUCT PC	CNRAH-234621		1	1	1	1	1	1	1	1	1	1	1	1
50.1	INS. DUCT PC	CNRAH-236073		1	1	1	1	1	1	1	1	1	1	1	1
50.2	ESCUTCHEON TWIN BIO	CNRAH-239250		1	1	1	1	1	1	1	1	1	1	1	1
50.3	FILTER DEODORIZER	CNRAG-153310		1	1	1	1	1	1	1	1	1	1	1	1
50.4	FILTER BIO	CNRAH-158460		1	1	1	1	1	1	1	1	1	1	1	1
51	INS. CONTROL PANEL B	CNRAC-204984		1	1	1	1	1	1	1	1	1	1	1	1
52	BAFFLE DAMPER THERMO AS.	CNRBG-159331		1	1	1	1	1	1	1	1	1	1	1	1
53	INS. CONTROL PANEL F	CNRAC-204974		1	1	1	1	1	1	1	1	1	1	1	1
54	CONTROL PANEL	CNRAH-235722		1	1	1	1	1	1	1	1	1	1	1	1
55	DIAL THERMO. PC	CNRAH-238991		1	1	1	1	1	1	1	1	1	1	1	1
56	GASKET DOOR PC	CNRAD-306152		1	1	1	1	1	1	1	1	1	1	1	1
57	EMBLEM	CNRAD-307954		1	1	1	1	1	1	1	1	1	1	1	1
58	DOOR AS. PC (FOAM)	CNRBD-306693		1	1	1		1	1					1	
		CNRBD-306704					1								1
		CNRBD-310092								1		1			
		CNRBD-306712									1		1		
59	LATCH DOOR	CNRAE-136512		1	1	1	1	1	1	1	1	1	1	1	1
60	STOPPER DOOR	CNRAD-305832		1	1	1	1	1	1	1	1	1	1	1	1
61	GASKET DOOR FC	CNRAD-306160		1	1	1	1	1	1	1	1	1	1	1	1
62	DOOR AS. FC (FOAM)	CNRBD-306602		1	1	1		1	1	1		1		1	
		CNRBD-306612					1				1		1		1
	DOOR AS. FC (FOAM)-S (KEY)	CNRBD-309762								1		1			
	DOOR AS. FC (FOAM)-W (KEY)	CNRBD-306622									1		1		
63	KEY HANDLE	CNRAE-116751								1	1	1	1		
64	SHELF EGG	CNRAD-305581		3	3	3	3	3	3	3	3	3	3	3	3
65	EGG TRAY 8	CNRAD-156490		1	1	1	1	1	1	1	1	1	1	1	1
66	EGG TRAY 10	CNRAD-269530		1	1	1	1	1	1	1	1	1	1	1	1
67	SHELF BOTTLE	CNRAD-304572		1	1	1	1	1	1	1	1	1	1	1	1
68	SUPPORT PC	CNRAD-305591		1	1	1	1	1	1	1	1	1	1	1	1
69	LABEL NAME & REF.	CNRAH-250110	**S**	1											
		CNRAH-250120	**S**		1										
		CNRAH-250140	**S**			1									
		CNRAH-250150	**S**				1								
		CNRAH-250170	**S**					1							
		CNRAH-251690	**S**						1						
		CNRAH-250330	**S**							1					
		CNRAH-250340	**S**								1				
		CNRAH-250390	**S**									1			
		CNRAH-250400	**S**										1		
		CNRAH-250210	**S**											1	
		CNRAH-250220	**S**												1
70	STOPPER KEY	CNRAE-134260								1	1	1	1		
71	WIRING DIAGRAM	CNRAH-236590		1											
		CNRAH-237300			1			1		1	1				
		CNRAH-237310				1	1								
		CNRAH-251750							1						
		CNRAH-237350										1	1		
		CNRAH-237680												1	1
72	WARNING LABEL	CNRAH-239732	**S**	1	1	1	1	1	1	1	1	1	1		
		CNRAH-240352	**S**											1	1
73	EARTH AS. COMP.	CNRBG-156650		1	1	1	1	1	1	1	1	1	1	1	1

Packing List of NR-B301M, NR-B301MW, NR-B32M1

Ref. No.	Parts Name	Part No.	Safety	Model/Qty											
				NR-B301M								NR-B301MW		NR-B32M1	
				MAL	DBD	HK		RBD	VIET	UAE		GULF		THAILAND	
				S7	S6	S3	A3	S4	S2	S8	W8	S7	W7	SL	SB
	PACKING AS.	CNRBK-112033		1											
		CNRBK-112053			1										
		CNRBK-112065				1									
		CNRBK-112075					1								
		CNRBK-112252						1							
		CNRBK-115230							1						
		CNRBK-112353								1					
		CNRBK-112363									1				
		CNRBK-112373										1			
		CNRBK-112383											1		
		CNRBK-112272												1	
		CNRBK-112292													1
	BOTTOM TRAY AS.	CNRBK-112003		1	1	1	1	1	1	1	1	1	1		
		CNRBK-111994												1	1
	PLASTIC COVER	CNRAJ-151650		1	1	1	1	1	1	1	1	1	1	1	1
	TOP PAD L	CNRAK-135490		1	1	1	1	1	1	1	1	1	1	1	1
	TOP PAD R	CNRAK-135500		1	1	1	1	1	1	1	1	1	1	1	1
	TOP PAD FRONT	CNRAK-136180				1	1								
	TOP PAD BACK	CNRAK-136190				1	1								
	PAPER PROTECTOR FRONT	CNRAH-133860				1	1								
	INSTRUCTION BOOK	CNRAK-140300		1											
		CNRAK-140310			1	1	1								
		CNRAK-140320						1		1	1	1	1		
		CNRAK-140630							1						
		CNRAK-136102												1	1

7. Packing Location

