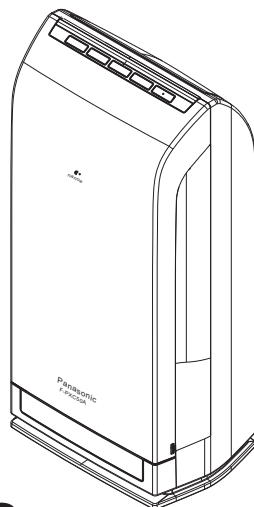


Service Manual

Air Purifier
F-PXC50A
OverSea Market



SPECIFICATIONS

Model number	F-PXC50A			
Power supply	220V~ 50Hz	230V~ 50Hz	240V~ 50Hz	
Air volume settings	Super	Hi	Med	Lo
Power consumption (W) ^(※)	70	24	16	12
Air Volume (m ³ /min)	5.1	3.0	2.0	1.0
Floor area capacity	Up to 40m ² in a standard household room			
Power cord length	3.0 m			
Product dimension	620 (H) x 300 (W) x 210 (D) mm			
Product weight	7.6 kg			

(※)It consumes around 3.8W electricity when the operation is set to "OFF".



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, 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 manufacture.

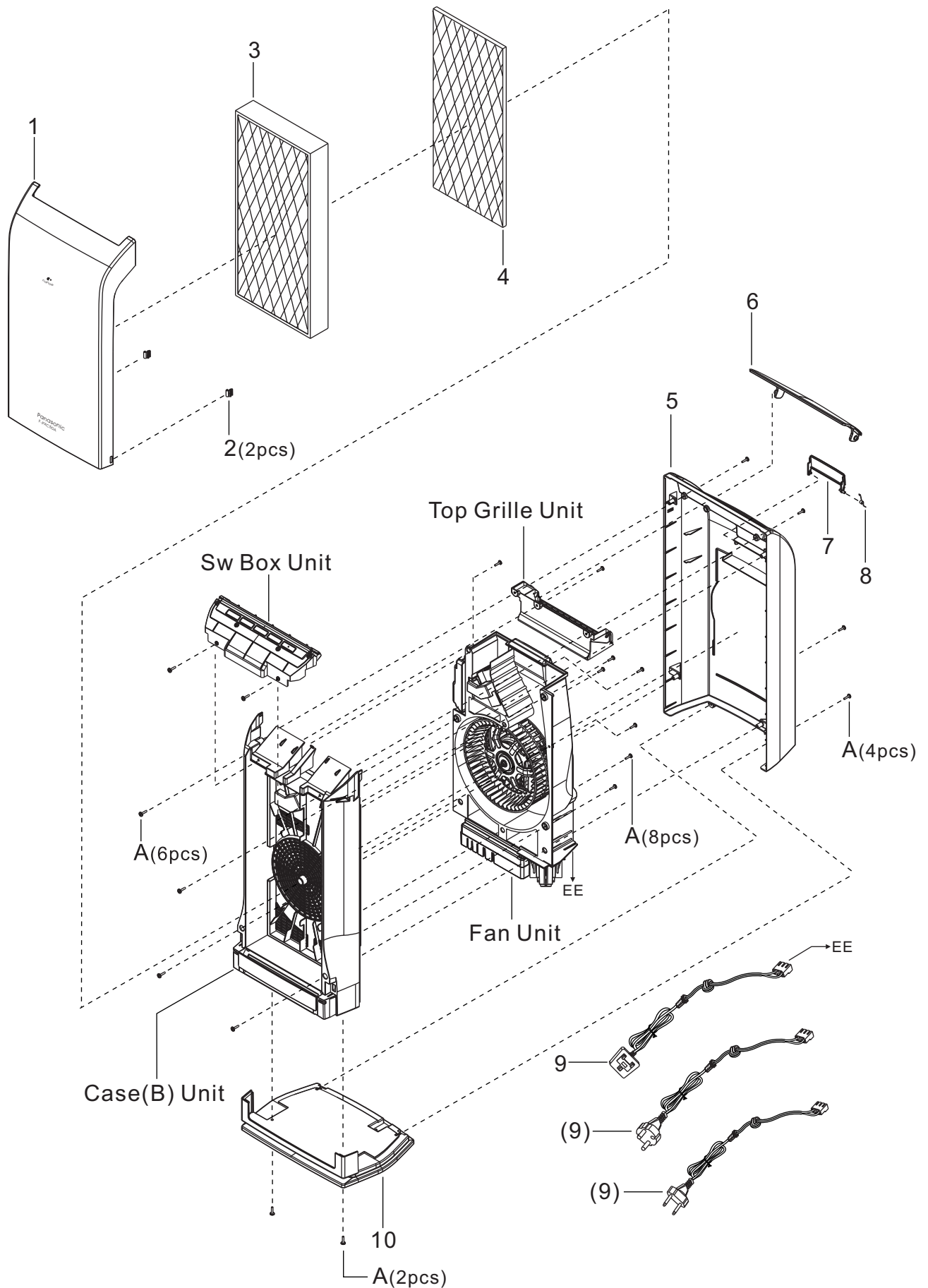
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3. Parts List	6~8

1.Parts Identification

F-PXC50A

Main Body Section

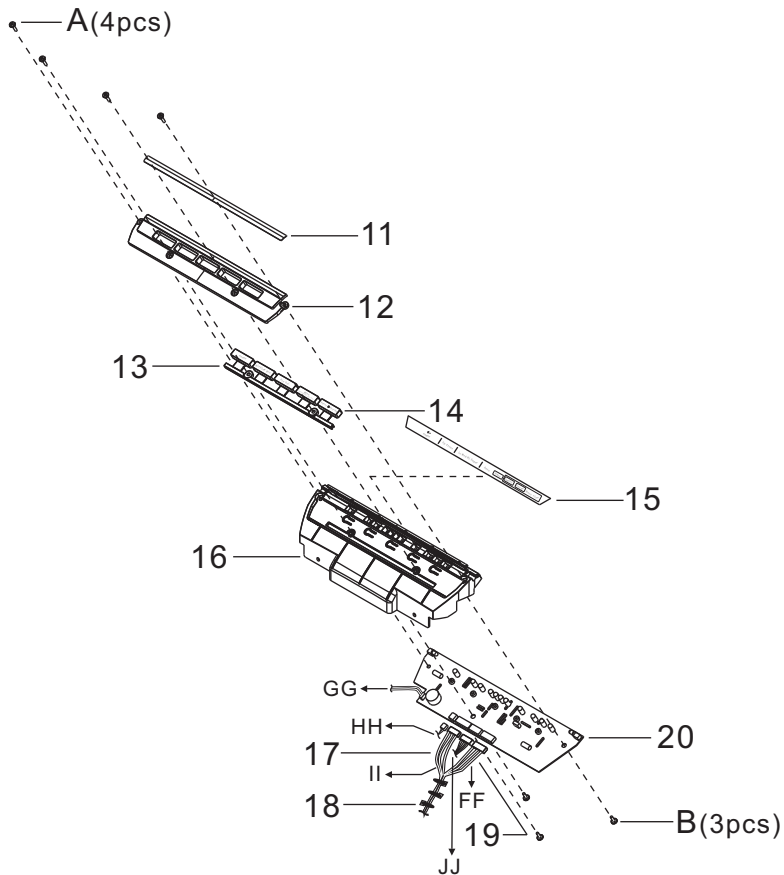


Remark: The double same letter which displayed behind the Lead Assy. Means they were linked together.

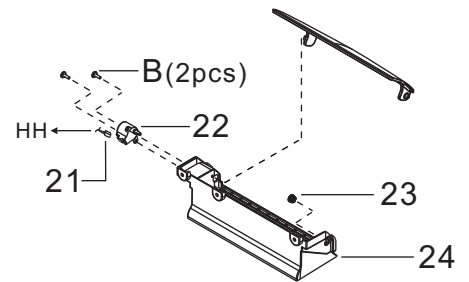
1.Parts Identification

F-PXC50A

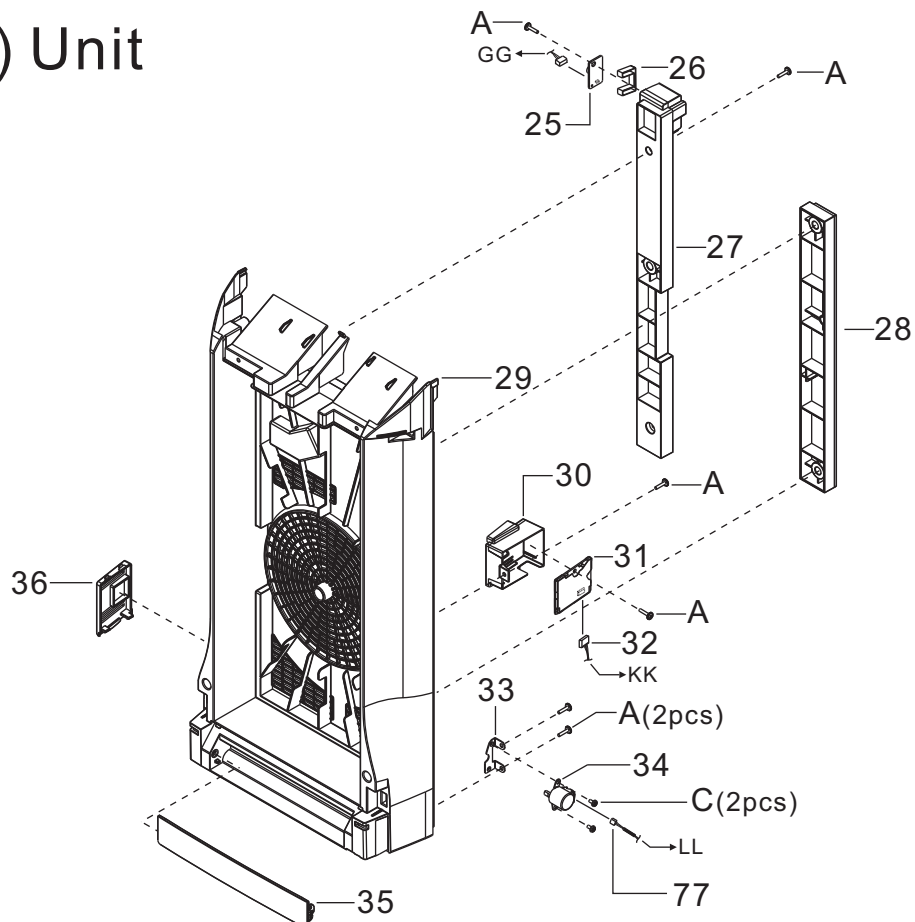
Sw Box Unit



Top Grille Unit



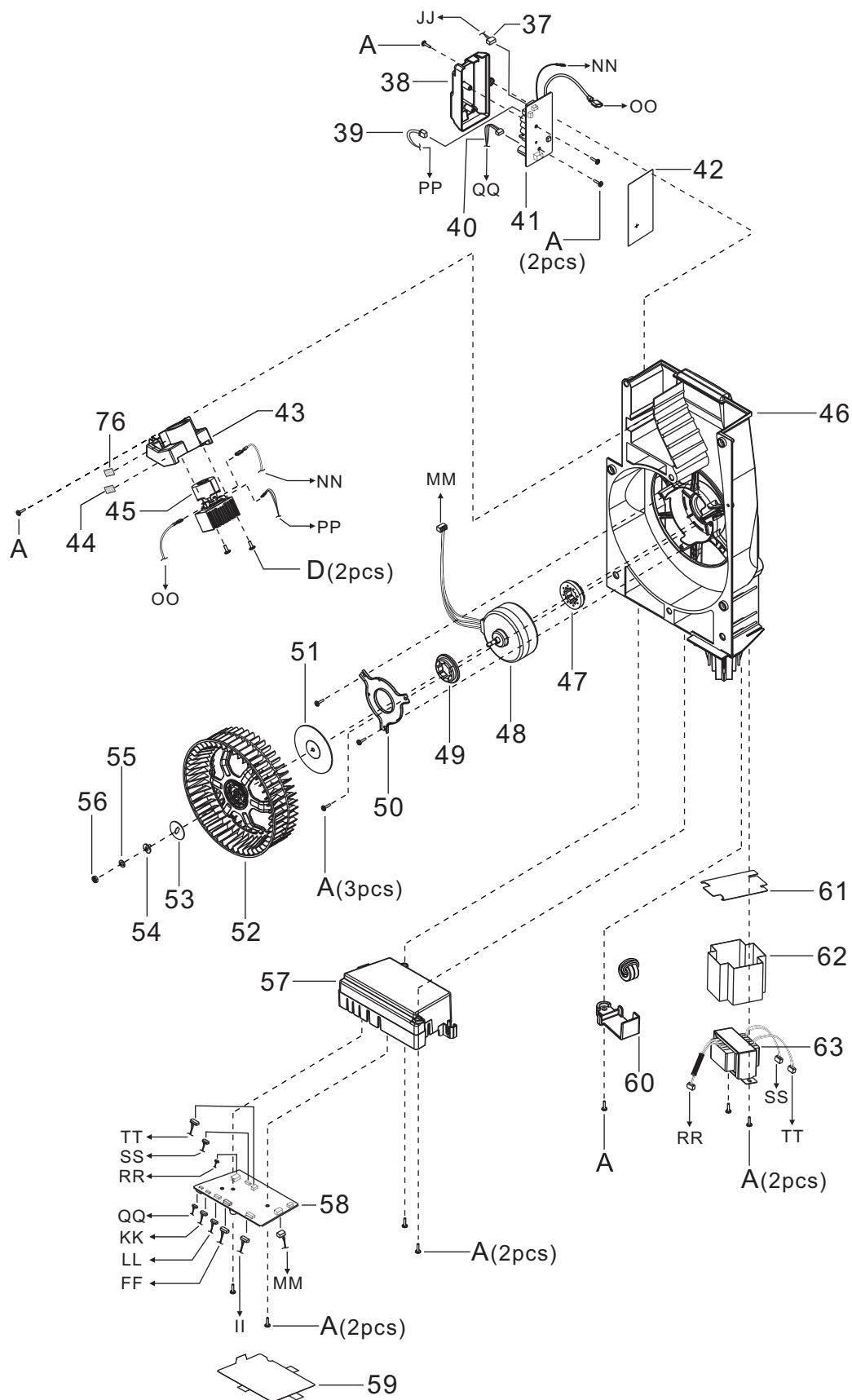
Case(B) Unit



1.Parts Identification

F-PXC50A

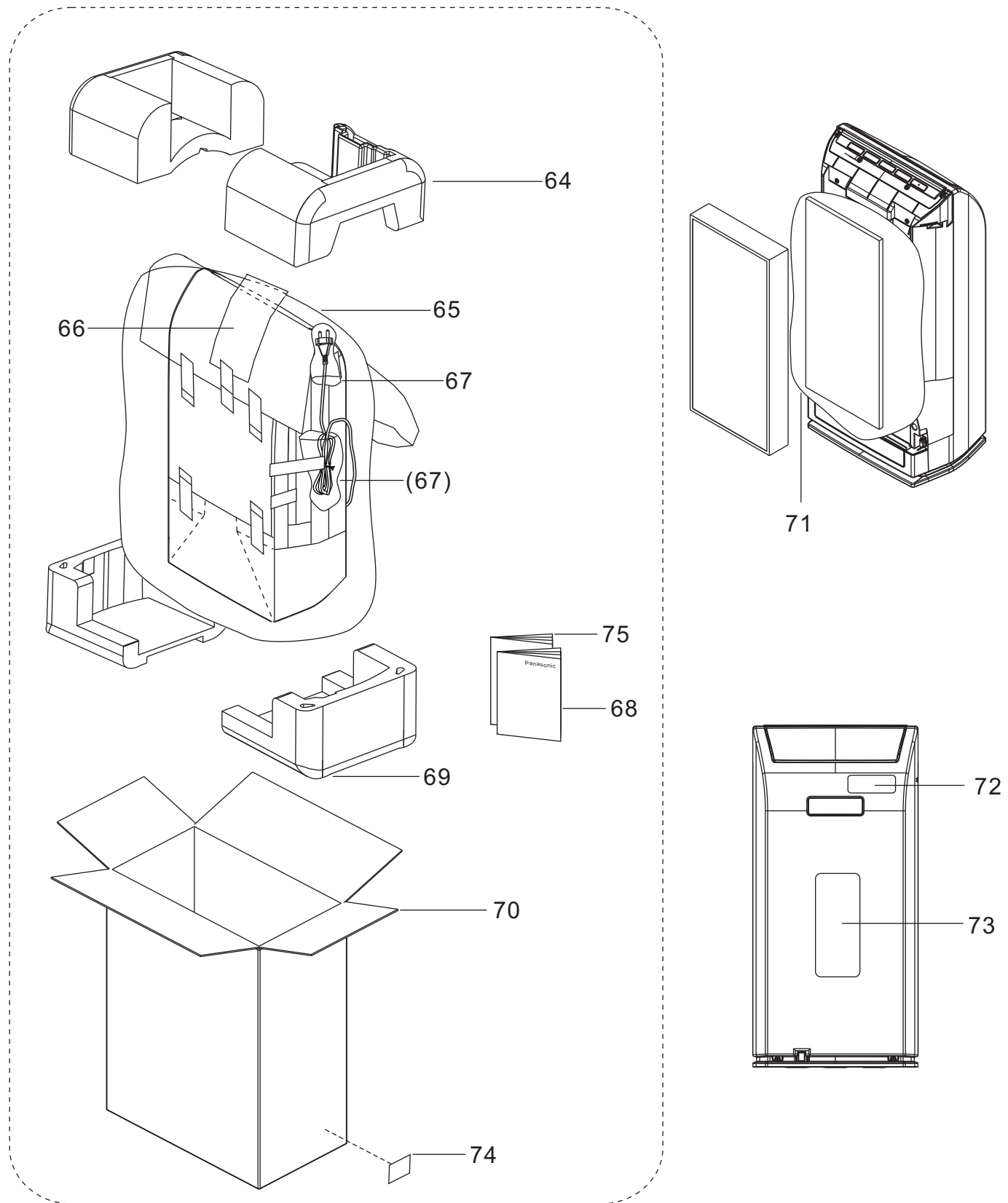
Fan Unit



1.Parts Identification

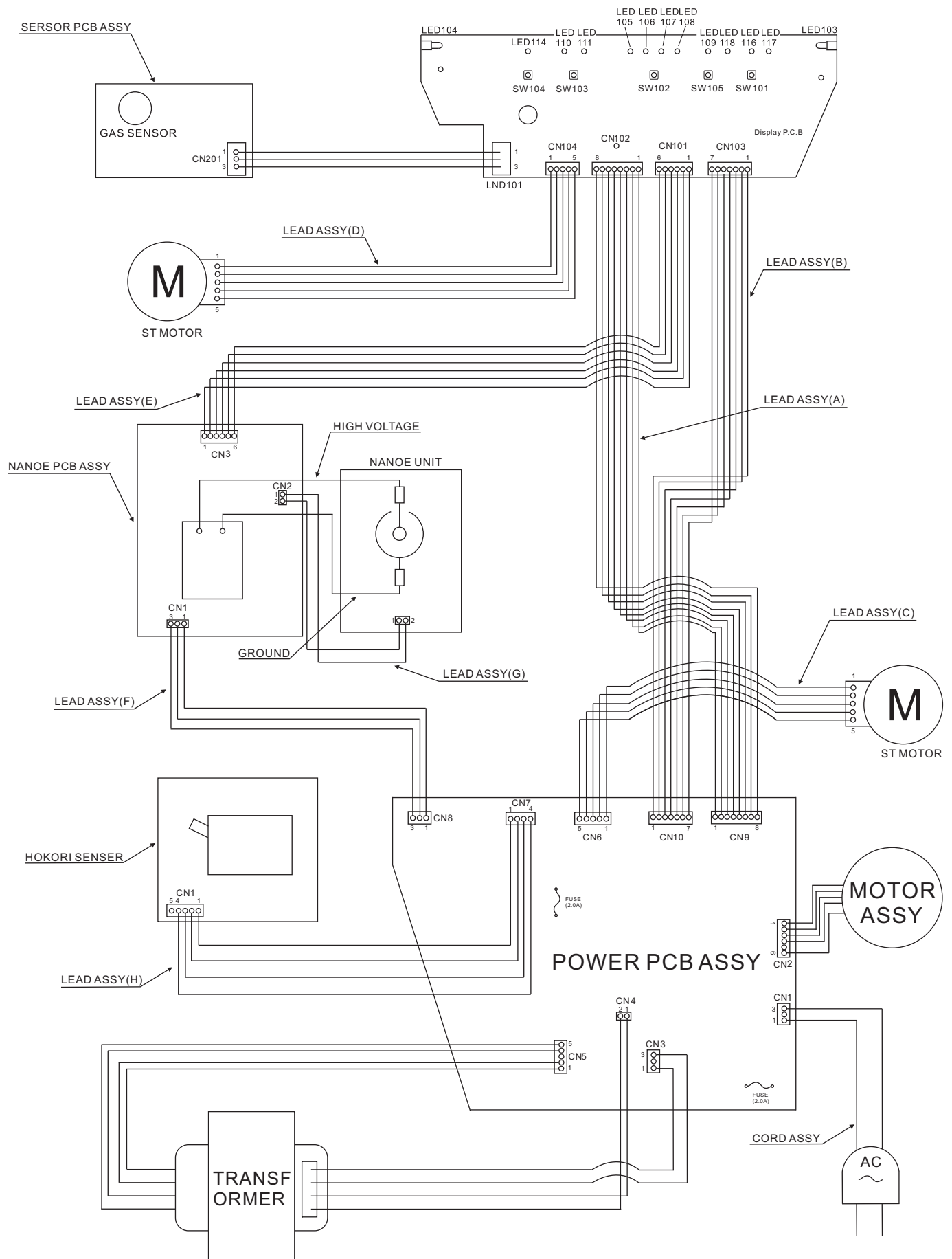
F-PXC50A

Labels&Main Packing Section



2.Wiring Diagram

F-PXC50A



3.Parts List

F-PXC50A

Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFE32950901S	F.Panel Print	1	Silver F.Panel Print
(1)	FFE32950902S	F.Panel Print	1	White F.Panel Print
2	FFE33500903S	Hook	2	Silver Hook
(2)	FFE33500802S	Hook	2	White Hook
3	FFE41800902S	C.Filter Assy	1	
4	FFE41700801S	D.Filter Assy	1	
5	FFE01100801S	Case(A)	1	Gray Case(A)
(5)	FFE01100802S	Case(A)	1	White Case(A)
6	FFE21100801S	Top Louver	1	Gray Top Louver
(6)	FFE21100802S	Top Louver	1	White Top Louver
7	FFE01150801S	Handle Cover	1	Gray Handle Cover
(7)	FFE01150802S	Handle Cover	1	White Handle Cover
8	FFE01160801S	Handle Spring	1	
9	FFE16000905S	Cord Assy	1	For Malaysia Market 
(9)	FFE16100901S	Cord Assy	1	For Singapore Market 
(9)	FFE16200901S	Cord Assy	1	For Thailand Market 
(9)	FFE16000802S	Cord Assy	1	For Indonesia Market 
10	FFE01610801S	Stand Painting	1	
A	XTB4+14CFJ	Bind Tap Screw(M4*14)	20	

Sw Box Unit

No.	Part No.	Part Name	Q'ty	Remark
A	XTB4+14CFJ	Bind Tap Screw(M4*14)	4	for Fixing S.Box Cov.Painting
11	FFE34500801S	Light Guide	1	
12	FFE34210801S	S.Box Cov.Painting	1	
13	FFE34830801S	Button(B) C.Paint	1	
14	FFE34800801S	Button(A) C.Paint	1	
15	FFE35500801S	Led Panel	1	
16	FFE34010801S	Sw Box	1	
17	FFE12200801S	Lead Assy(A)	1	
18	SKB-1M	Tie 1	3	For Fixing Lead Assy(A)& Lead Assy(B)
19	FFE12210801S	Lead Assy(B)	1	
20	FFE48400801S	PCB Assy	1	Include(Display PCB Assy+Sensor PCB Assy) 
B	XTB4+10CFJ	Bind Tap Screw(M4*10)	3	

Top Grille Unit

No.	Part No.	Part Name	Q'ty	Remark
B	XTB4+10CFJ	Bind Tap Screw(M4*10)	2	
21	FFE12230801S	Lead Assy(D)	1	
22	FFE24000801S	St Motor	1	For Running Top Louver 
23	FFE21300801S	Louver Bush	1	For Fixing Top Louver
24	FFE21200801S	Top Grille	1	
(24)	FFE21200802S	Top Grille	1	

3.Parts List

F-PXC50A

Case (B) Unit

No.	Part No.	Part Name	Q'ty	Remark
25	FFE48400801S	PCB Assy	1	Include(Display PCB Assy+Sensor PCB Assy) 
26	FFE07710801S	Seal Tape	1	
27	FFE01400801S	Casing Cover(A)	1	
28	FFE01500801S	Casing Cover(B)	1	
29	FFE01200801S	Case(B)	1	Gray Case(B)
(29)	FFE01200802S	Case(B)	1	White Case(B)
30	FFE36000801S	D.Sensor Box	1	Gray Sensor Box
(30)	FFE36000802S	D.Sensor Box	1	White Sensor Box
31	FFE12500801S	Hokori Sensor	1	
32	FFE12270801S	Lead Assy(H)	1	
33	FFE25000801S	S.T.M Holder	1	
34	FFE24000801S	St Motor	1	
35	FFE21010801S	B.Flape Painting	1	
36	FFE36400801S	D.Sensor Cover	1	Gray Sensor Cover
(36)	FFE36400802S	D.Sensor Cover	1	White Sensor Cover
77	FFE12220801S	lead Assy(C)	1	
A	XTB4+14CFJ	Bind Tap Screw(M4*14)	6	
C	XSB4+6FJ	Bind Screw(M4*6)	2	For Fixing St Motor

Fan Unit

No.	Part No.	Part Name	Q'ty	Remark
37	FFE12240801S	Lead Assy(E)	1	
38	FFE36300801S	Nano PCB Box	1	
39	FFE12260801S	Lead Assy(G)	1	
40	FFE12250801S	Lead Assy(F)	1	
41	FFE48040801S	Nano PCB Assy	1	
42	FFE36210801S	Nano PCB Sheet	1	
43	FFE15500801S	Nano Cover	1	
44	FFE00910901S	High Voltage Label	1	
45	FFE15000801S	Nano Unit	1	
46	FFE01300801S	Fan Casing	1	
47	FFE08110801S	Holder Gum(A)	1	
48	FFE23000801S	Motor Assy	1	
49	FFE08120801S	Holder Gum(B)	1	
50	FFE08010801S	Motor Holder	1	
51	FFE20030801S	Blade Plate	1	
52	FFE20000801S	Blade Assy	1	
53	FFE20050801S	Blade Plate(A)	1	
54	FFE21100803S	Blade Fix Ring	1	
55	FFE06090801S	Spak Washer	1	
56	XNG6JFJ	Small Hexagon Nut	1	For Fixing Blade Assy
57	FFE36200802S	Power PCB Box	1	
58	FFE48200801S	Power Circuit Assy	1	
59	FFE36220801S	Power PCB Sheet	1	
60	FFE02000801S	Ferite Hold	1	

3.Parts List

F-PXC50A

Fan Unit

No.	Part No.	Part Name	Q'ty	Remark
61	FFE15600801S	Transformer Cover Sheet(A)	1	
62	FFE15610801S	Transformer Cover Sheet(B)	1	
63	FFE15500802S	Transformer	1	⚠
76	FFE00920901S	High Voltage Label	1	
A	XTB4+14CFJ	Bind Tap Screw(M4*14)	14	
D	XTN35+10CFJ	Pan Tap Screw	2	For Fixing Nanoe Cover

Labels&Main Packing Section

No.	Part No.	Part Name	Q'ty	Remark
64	FFE80110801S	Top Pack	1	One Set Include Two Pieces
65	FFE90100801S	Poly Cover	1	For Body Packing
66	FFE06610903S	Notice Sheet	1	For Malaysia&Singapore Market
(66)	FFE06620901S	Notice Sheet	1	For Thailand Market
(66)	FFE06630901S	Notice Sheet	1	For Indonesia Market
67	FFE01110801S	Poly Cover	2	For Power Cord Packing
68	FFE89500906S	Instruction	1	Instruction For English
69	FFE80100801S	Bottom Pack	1	One Set Include Two Pieces
70	FFE80010910S	Packing Case Assy	1	For Malaysia&Thailand Market
(70)	FFE80020901S	Packing Case Assy	1	For Singapore&Indonesia Market
71	FFE90200801S	Poly Cover	1	For D.Filter Assy Packing
72	FFE00750905S	Warning Label	1	Gray,For Malaysia&Singapore Market
(72)	FFE00750906S	Warning Label	1	White,For Malaysia&Singapore Market
(72)	FFE00760901S	Warning Label	1	Gray,For Thailand Market
(72)	FFE00760902S	Warning Label	1	White,For Thailand Market
(72)	FFE00770907S	Warning Label	1	Gray,For Indonesia Market
(72)	FFE00770908S	Warning Label	1	White,For Indonesia Market
73	FFE00500909S	Name Plate	1	Gray,For Malaysia Market
(73)	FFE00500910S	Name Plate	1	White,For Malaysia Market
(73)	FFE00510901S	Name Plate	1	Gray,For Singapore Market
(73)	FFE00510902S	Name Plate	1	White,For Singapore Market
(73)	FFE00520901S	Name Plate	1	Gray,For Thailand Market
(73)	FFE00520902S	Name Plate	1	White,For Thailand Market
(73)	FFE00530901S	Name Plate	1	Gray,For Indonesia Market
(73)	FFE00530902S	Name Plate	1	White,For Indonesia Market
74	FFE90000910S	Bar Code Label	1	For Silver Body,For Malaysia Market
(74)	FFE90000911S	Bar Code Label	1	For White Body,For Malaysia Market
(74)	FFE90010901S	Bar Code Label	1	For Silver Body,For Singapore Market
(74)	FFE90010902S	Bar Code Label	1	For White Body,For Singapore Market
(74)	FFE90020901S	Bar Code Label	1	For Silver Body,For Thailand Market
(74)	FFE90020902S	Bar Code Label	1	For White Body,For Thailand Market
(74)	FFE90030901S	Bar Code Label	1	For Silver Body,For Indonesia Market
(74)	FFE90030902S	Bar Code Label	1	For White Body,For Indonesia Market
75	FFE89510902S	Instruction	1	Chinese,For Malaysia&Singapore Market
(75)	FFE89520901S	Instruction	1	Thai,For Thailand Market
(75)	FFE89530901S	Instruction	1	Indonesian,For Indonesia Market