

LOSSNAY ENERGY RECOVERY VENTILATOR PARTS CATALOG

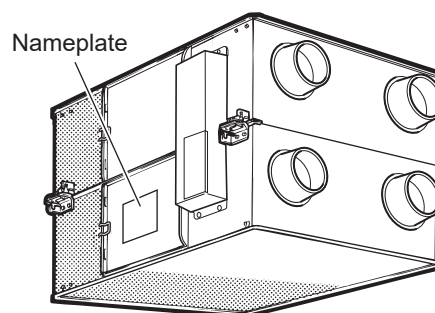
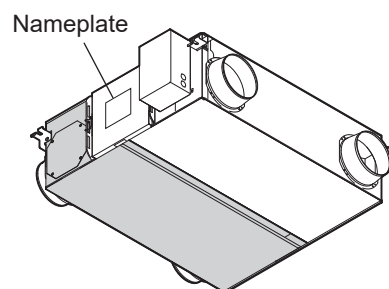
MODELS

LGH-F300RVX-E

LGH-F470RVX-E

LGH-F600RVX-E

LGH-F1200RVX-E



Warning:

Repair work must be performed by the manufacturer, its service agent or a similarly qualified person in order to avoid hazards.

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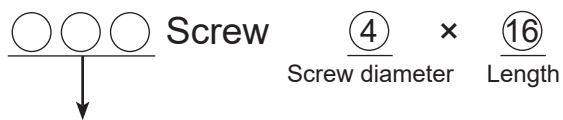
HANDBOOK (U285H)

Parts catalog

Please note the following when using the parts catalog.

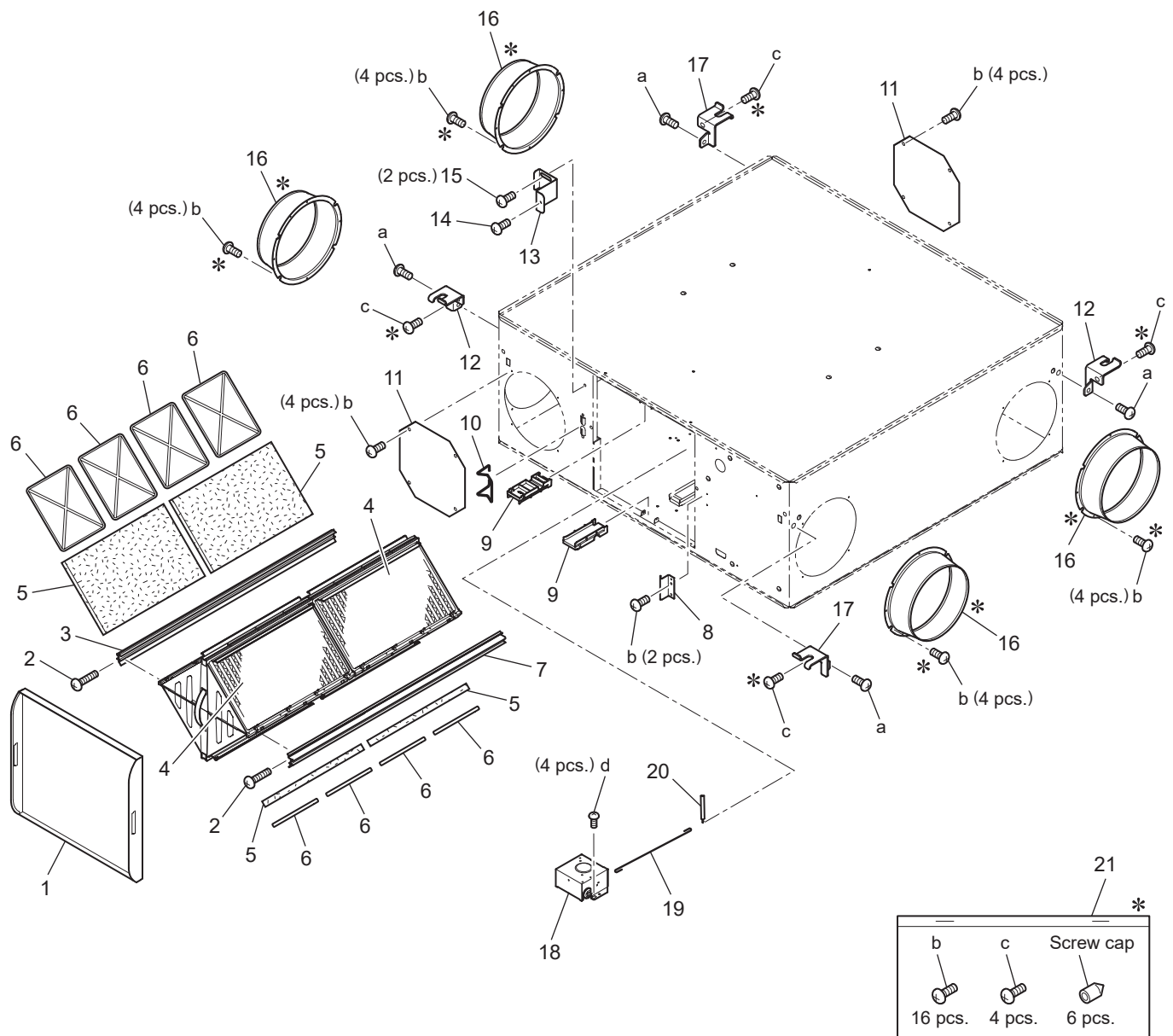
1. When ordering parts, the part number, part name, and the number of parts are required.
2. It may take time for you to receive the parts. Make an inquiry about a rush order.
3. Specifications may be subject to change without notice.
4. Parts marked with ⚠ and  are critical for safety.
5. To maintain safety and performance, use the parts specified in the parts catalog.
6. When replacing the parts to which the nameplate is attached, remove the nameplate and attach it to the new parts.

Description of screw abbreviations



Abbreviation	Description
PC screw	Cross recess flat head machine screw
PRC screw	Cross recess oval head machine screw
PP screw	Cross recess pan head machine screw
SW · PP screw	Cross recess pan head screw with spring washer
PPT screw	Cross recess tapping screw
PCT screw	Cross recess flat head tapping screw
PTT screw	Cross recess truss head tapping screw
PT screw	Cross recess truss head machine screw
SET screw	Slotted head stop screw
SQ · SET screw	Square head stop screw
P · SET screw	Pan head stop screw
PMT screw	Primer truss head screw
HS · SET screw	Hexagon head stop screw
P · R · W screw	Cross recess round wood screw
P · C · W screw	Cross recess flat head wood screw
P · R · C · W screw	Cross recess round and flat wood screw
R · W screw	Slotted round wood screw
PW · PP screw	Cross recess pan head screw with small washer
SW-PW · PP screw	Cross recess pan head machine screw with spring washer and flat washer

Structural parts



<Standard screws>

Symbol	Screw name
a	PT screw 6x12
b	PTT screw 4x8
c	PT screw 5x10
d	PTT screw 4x6

* shows accessory parts.

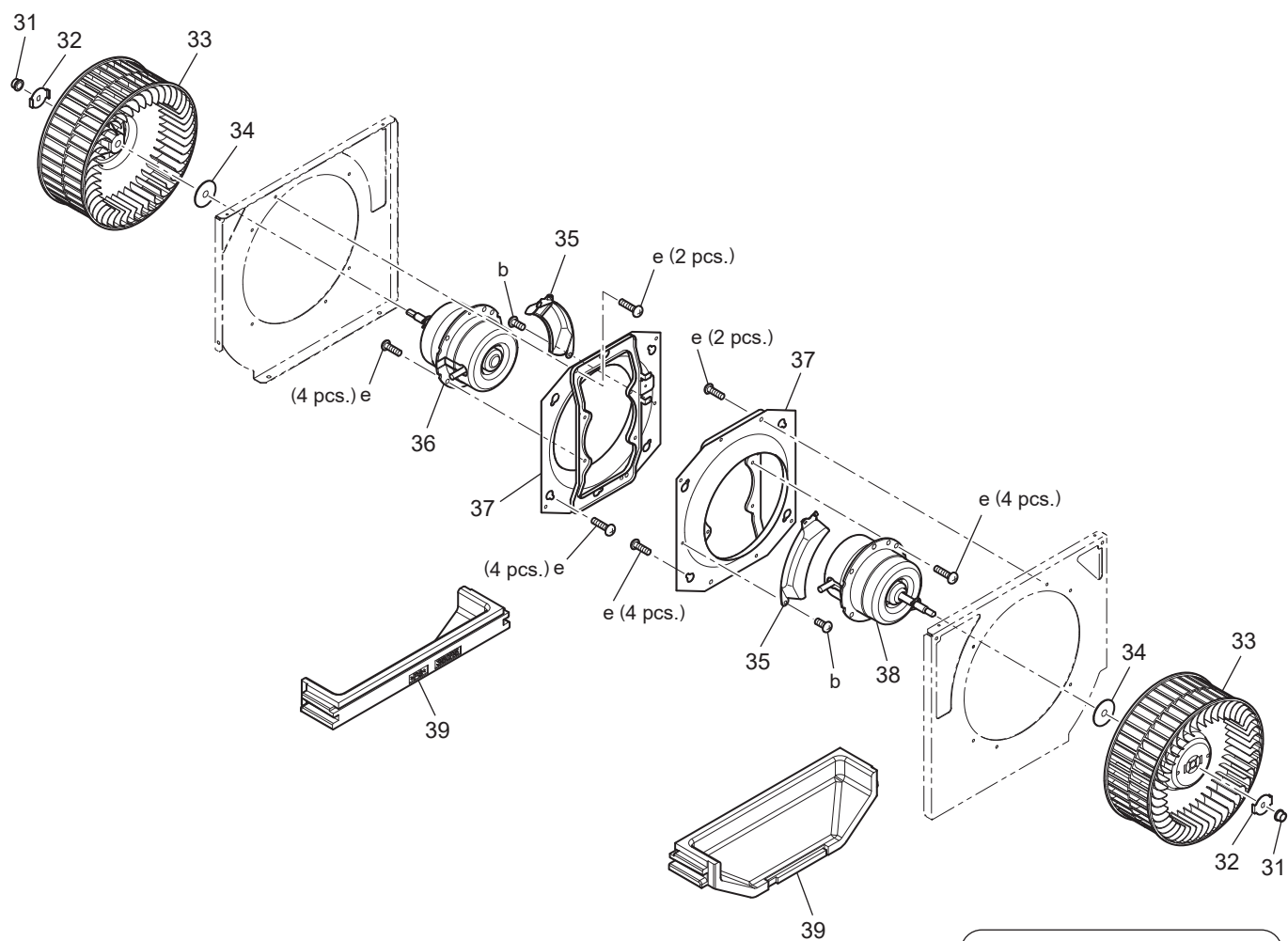
Structural parts

LGH-F300RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
1	Maintenance cover	W50 013 709	1		
2	Special screw M4	W00 000 101	2		
3	Core guide L	W50 013 382	1		
4	Lossnay core	W50 004 719	2	⚠	With the filter stoppers
5	Filter	W50 004 723	4	⚠	
6	Filter stopper	W50 016 710	8		
7	Core guide R	W50 013 389	1		
8	Fix piece	W50 013 722	1		
9	Lead support	W50 013 705	2		
10	Hinge	W50 004 344	1		
11	Cover	W50 003 707	2		
12	Hanger L	W36 002 380	2		
13	Fix piece	W50 004 731	1		
14	Special screw 4x8	W00 000 089	4		
15	Special screw 4x8	W00 000 098	2		
16	Flange	W50 004 609	4		
17	Hanger R	W50 004 380	2		
18	GM assembly	W50 019 260	1	⚠	AC220・240V
19	Rod	W50 013 151	1		
20	Pull spring	W50 013 156	1		
21	Screws in bag	W50 013 051	1		

Fan parts

Air exhaust fan assembly



Air supply fan assembly

<Standard screws>

Symbol	Screw name
a	PTT screw 4x8
e	PTT screw 5x10

Fan parts

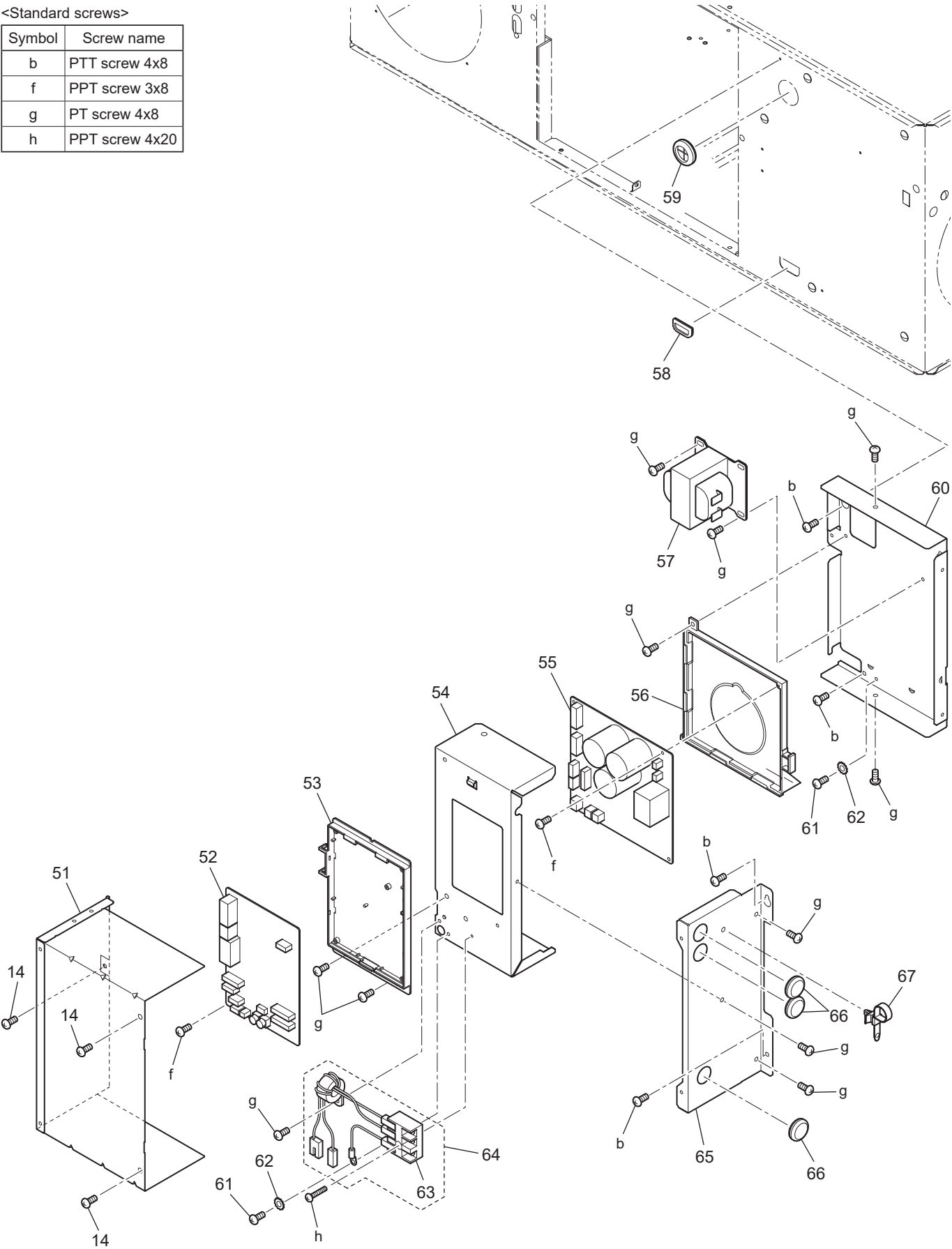
LGH-F300RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
31	Special nut (M8)	W00 000 121	2		Left-handed
32	Tab washer	W00 000 134	2		
33	Centrifugal fan	W50 013 481	2	⚠	Dia. 220
34	Special washer (10)	W50 003 478	2		Outer dia. 40mm
35	Air guide	W50 013 508	2		
36	DC motor (EA)	W50 019 454	1	⚠	
37	Motor fix plate	W50 013 723	2		
38	DC motor (SA)	W50 019 453	1	⚠	
39	Separator	W50 013 486	2		

Control parts

<Standard screws>

Symbol	Screw name
b	PTT screw 4x8
f	PPT screw 3x8
g	PT screw 4x8
h	PPT screw 4x20

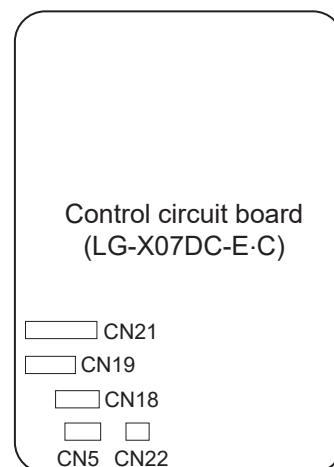
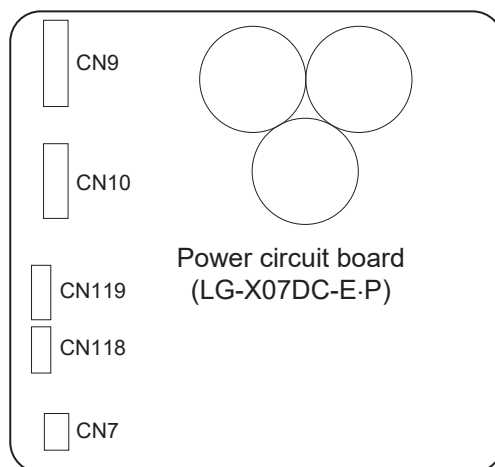
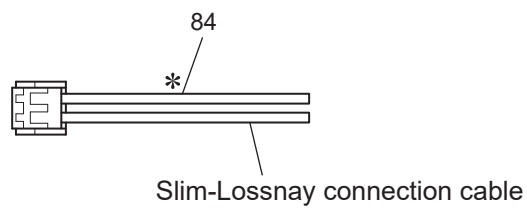
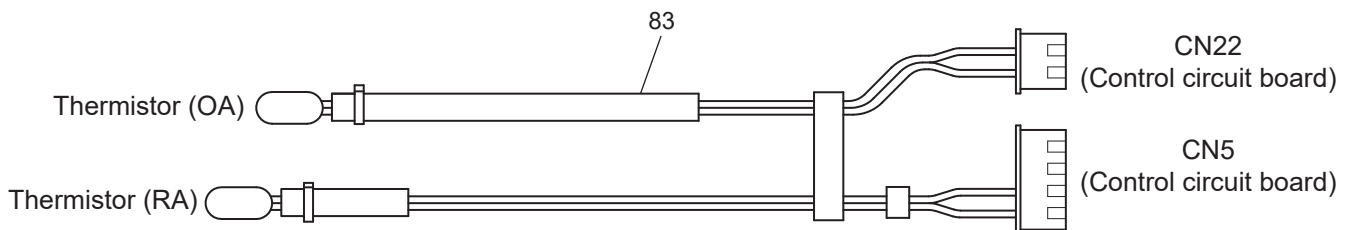
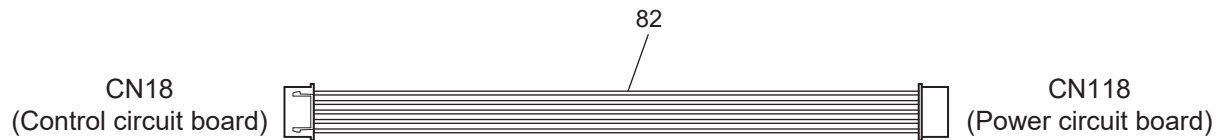
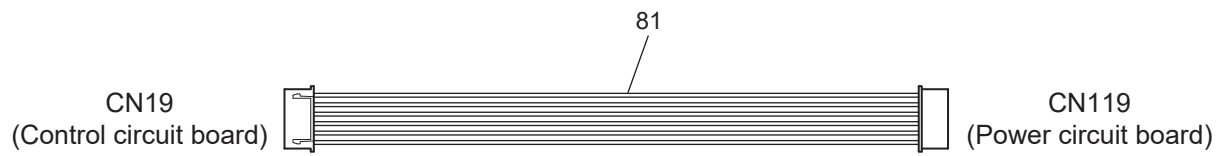


Control parts

LGH-F300RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
51	Control box cover	W50 019 707	1		
52	Circuit board	W50 004 174	1	⚠	LG-X07DC-E・C
53	PCB fix plate	W50 004 381	1		
54	Sub control base	W50 019 705	1		
55	Circuit board	W50 004 173	1	⚠	LG-X07DC-E・P
56	PCB case	W50 004 383	1		
57	Reactor	W50 028 180	1	⚠	White・AC10A
58	Bush	W00 000 278	1		
59	Cord bush	W00 000 277	1		
60	Control base	W50 019 704	1		
61	PT screw 4x8 BS	W00 000 011	2		
62	Lock washer (4)	W00 000 082	2		
63	Terminal block	W45 602 242	1	⚠	3P
64	Terminal block	W36 002 213	1	⚠	With the lead wires
65	Side plate	W50 019 706	1		
66	Cord bush	W00 000 270	3		
67	Cord band	W00 000 258	1		

Wiring parts



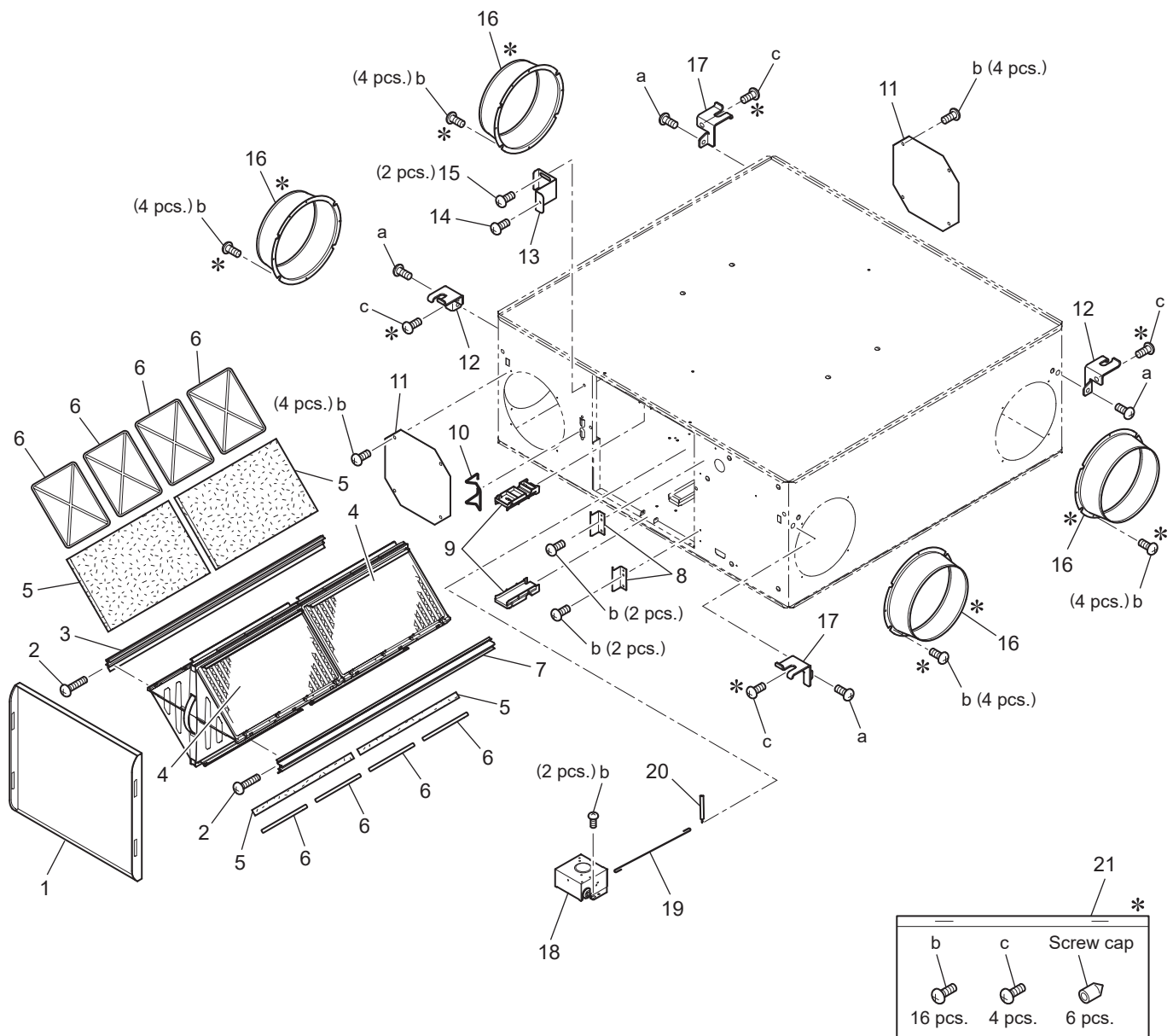
* shows accessory parts.

Wiring parts

LGH-F300RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
81	Lead wire	W36 002 214	1	△	CN19-CN119
82	Lead wire	W36 002 215	1	△	CN18-CN118
83	Thermistor	W50 013 170	1	△	OA・RA set
84	Lead wire	W50 004 231	1	△	100mm

Structural parts



<Standard screws>

Symbol	Screw name
a	PT screw 6x12
b	PTT screw 4x8
c	PT screw 5x10

* shows accessory parts.

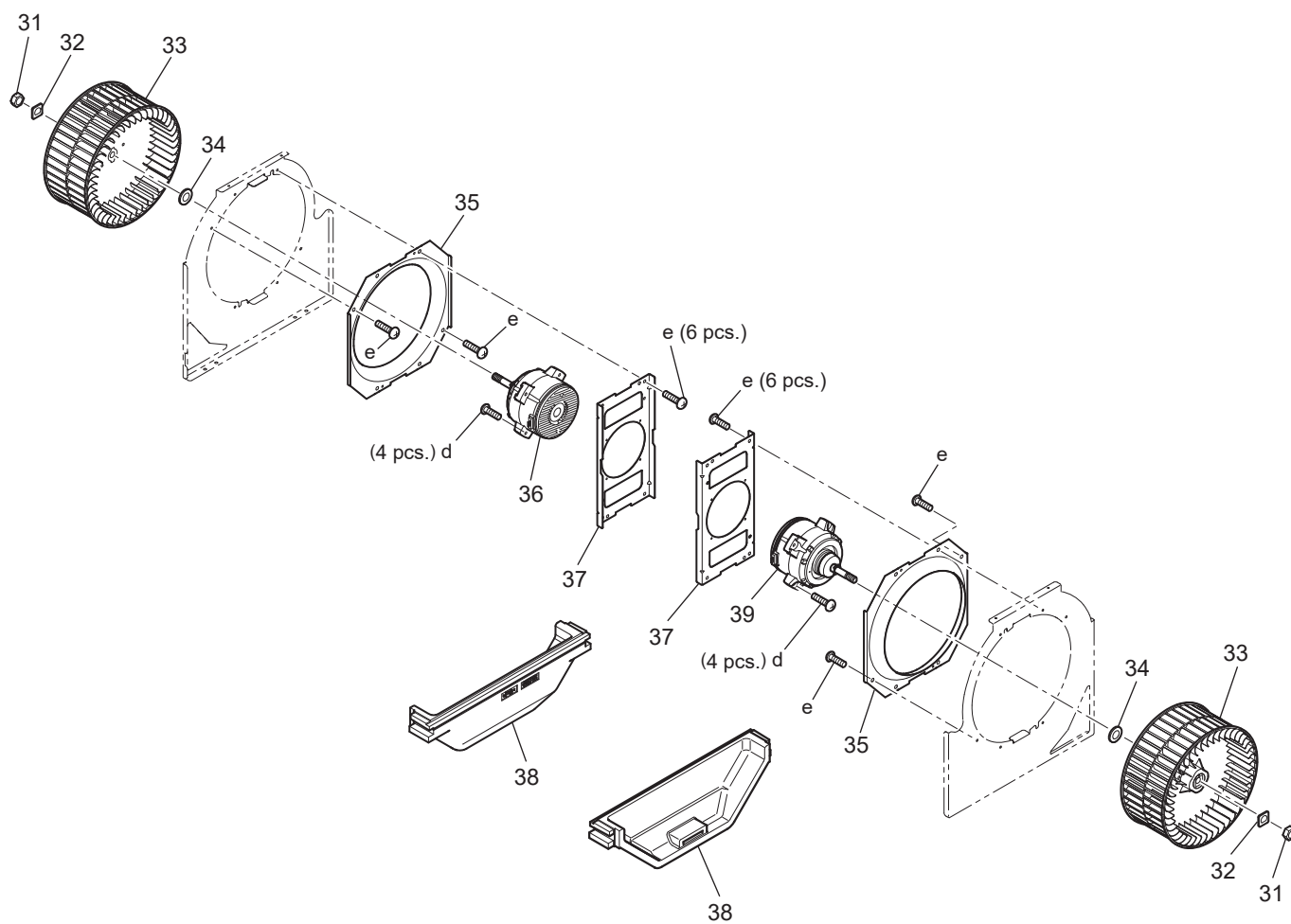
Structural parts

LGH-F470RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
1	Maintenance cover	W50 013 711	1		
2	Special screw M4	W00 000 101	2		
3	Core guide L	W50 013 384	1		
4	Lossnay core	W50 004 720	2	⚠	With the filter stoppers
5	Filter	W50 003 738	4	⚠	
6	Filter stopper	W50 016 711	8		
7	Core guide R	W50 013 391	1		
8	Fix piece	W50 013 722	2		
9	Lead support	W50 013 706	2		
10	Hinge	W50 004 344	1		
11	Cover	W50 003 708	2		
12	Hanger L	W36 002 380	2		
13	Fix piece	W50 004 731	1		
14	Special screw 4x8	W00 000 089	4		
15	Special screw 4x8	W00 000 098	2		
16	Flange	W50 003 610	4		
17	Hanger R	W50 004 380	2		
18	GM assembly	W50 019 261	1	⚠	AC220・240V
19	Rod	W50 004 150	1		
20	Pull spring	W50 013 157	1		
21	Screws in bag	W50 013 051	1		

Fan parts

Air exhaust fan assembly



Air supply fan assembly

<Standard screws>

Symbol	Screw name
d	PTT screw 4x25
e	PTT screw 5x10

Fan parts

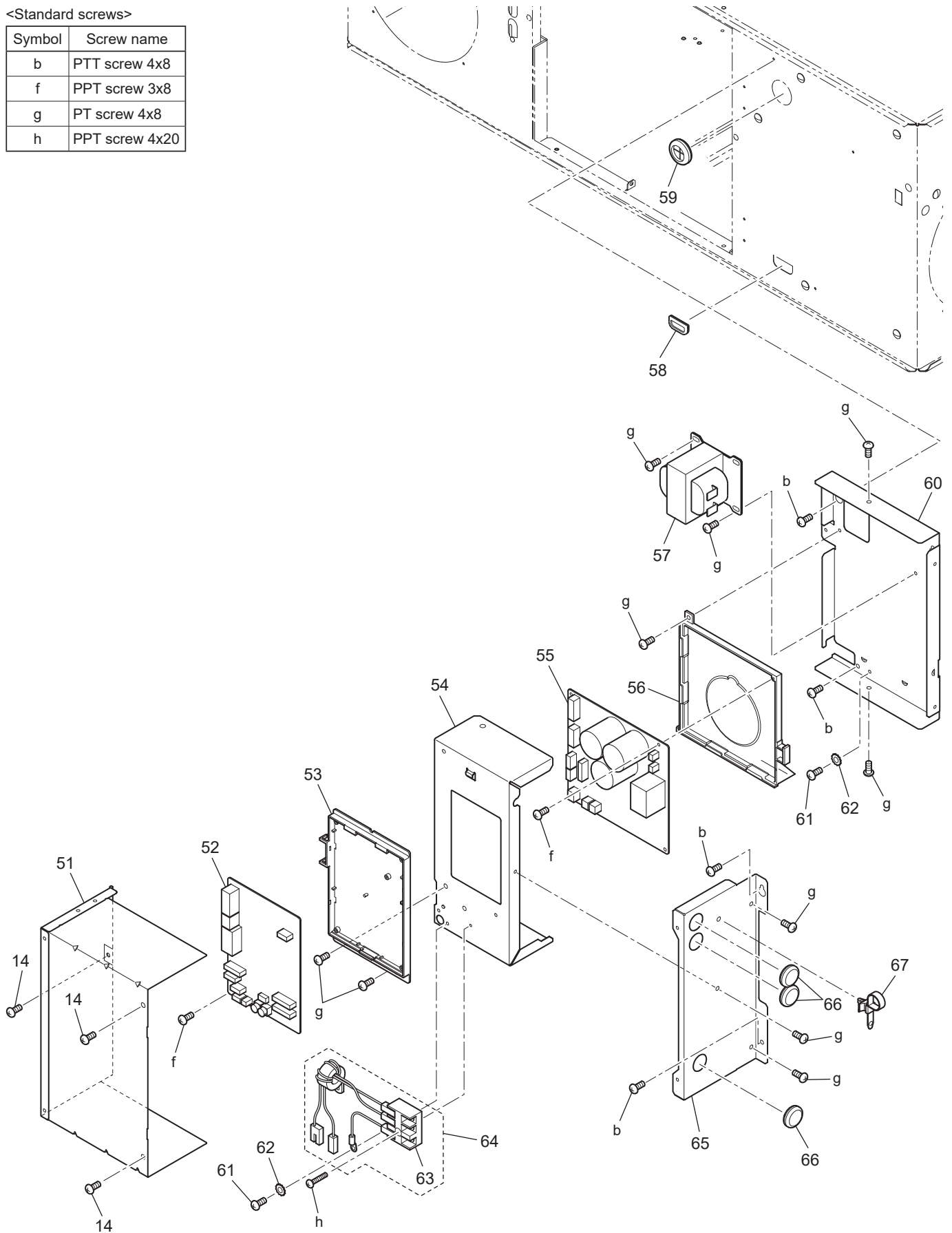
LGH-F470RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
31	Special nut (M12)	W00 000 117	2		Left-handed
32	Tab washer	W50 004 730	2		
33	Centrifugal fan	W50 004 482	2	⚠	Dia. 245
34	Washer (12)	W00 000 123	2		Outer dia. 24mm
35	Inlet ring	W50 004 725	2		
36	DC motor (EA)	W50 019 456	1	⚠	
37	Motor fix plate	W50 004 736	2		
38	Separator	W50 013 487	2		
39	DC motor (SA)	W50 019 455	1	⚠	

Control parts

<Standard screws>

Symbol	Screw name
b	PTT screw 4x8
f	PPT screw 3x8
g	PT screw 4x8
h	PPT screw 4x20

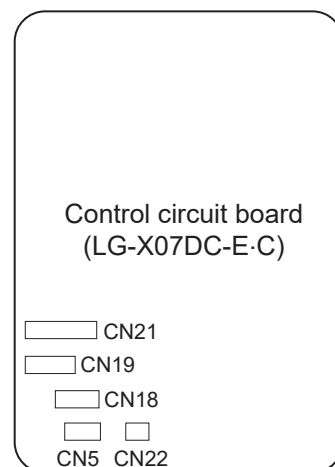
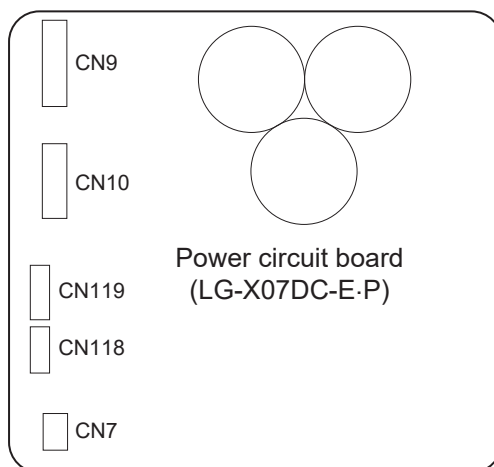
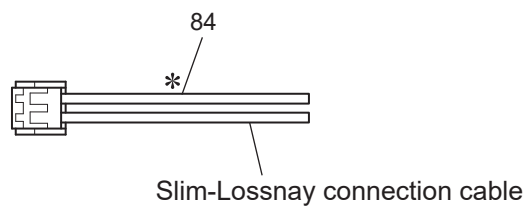
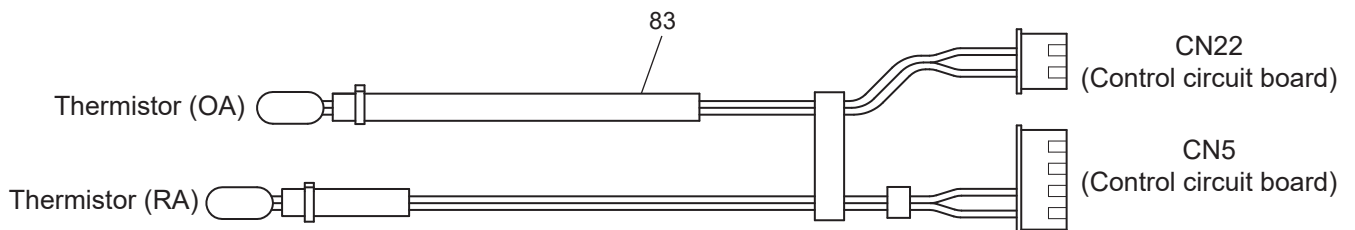
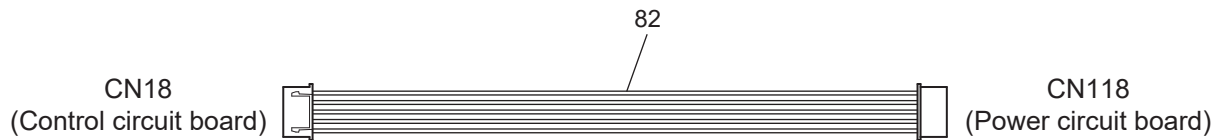
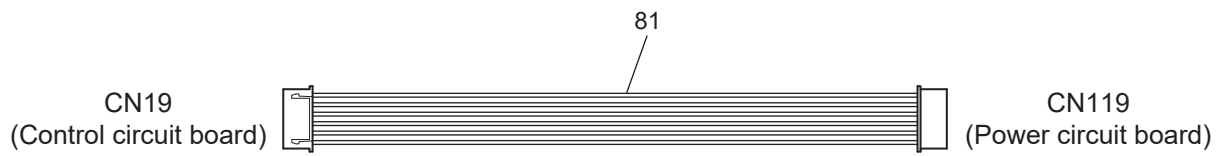


Control parts

LGH-F470RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
51	Control box cover	W50 019 707	1		
52	Circuit board	W50 004 174	1	⚠	LG-X07DC-E・C
53	PCB fix plate	W50 004 381	1		
54	Sub control base	W50 019 705	1		
55	Circuit board	W50 004 173	1	⚠	LG-X07DC-E・P
56	PCB case	W50 004 383	1		
57	Reactor	W50 028 181	1	⚠	White・AC6.5A
58	Bush	W00 000 278	1		
59	Cord bush	W00 000 277	1		
60	Control base	W50 019 704	1		
61	PT screw 4x8 BS	W00 000 011	2		
62	Lock washer (4)	W00 000 082	2		
63	Terminal block	W45 602 242	1	⚠	3P
64	Terminal block	W50 019 213	1	⚠	With the lead wires
65	Side plate	W50 019 706	1		
66	Cord bush	W00 000 270	3		
67	Cord band	W00 000 258	1		

Wiring parts



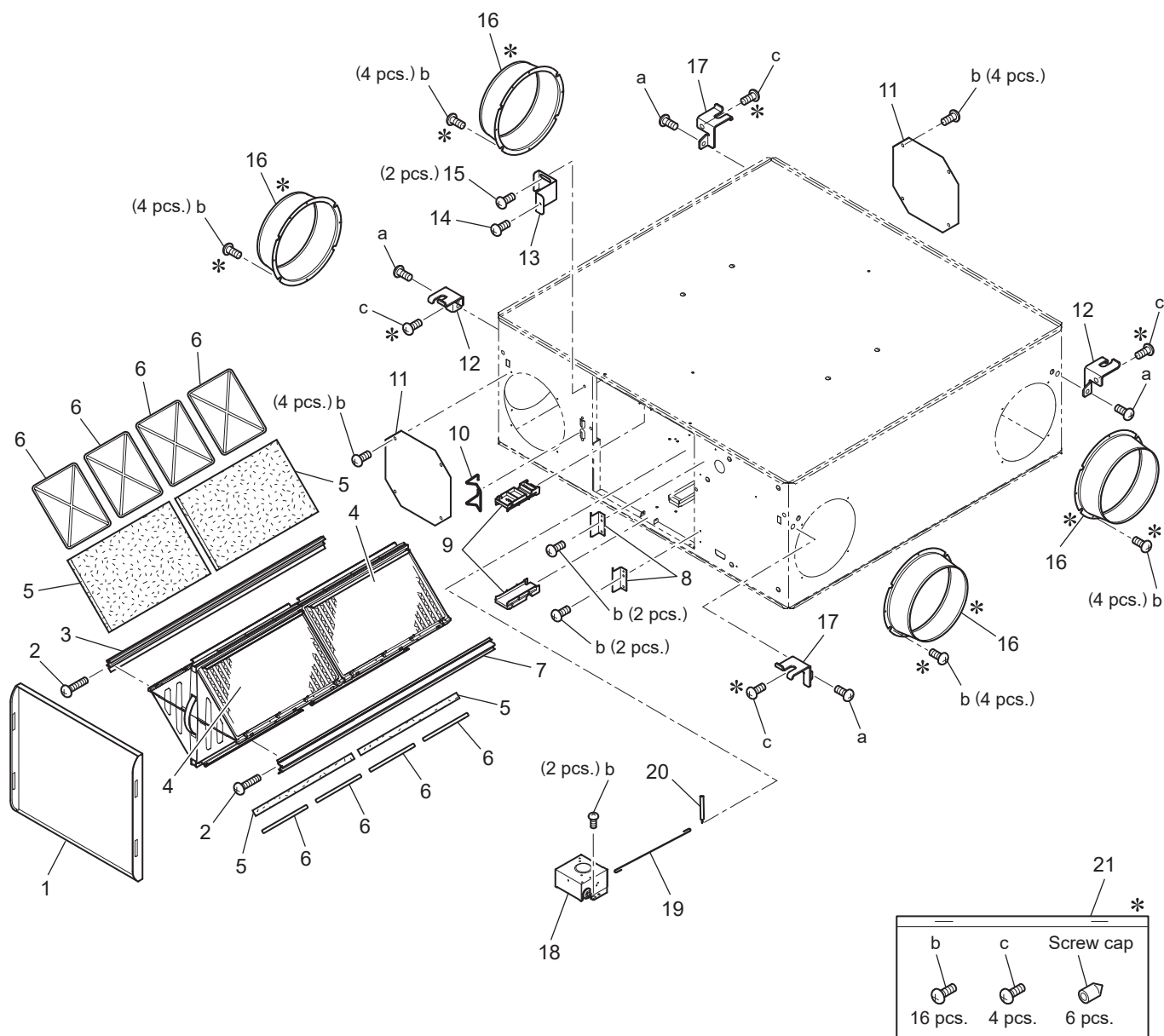
* shows accessory parts.

Wiring parts

LGH-F470RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
81	Lead wire	W36 002 214	1	△	CN19-CN119
82	Lead wire	W36 002 215	1	△	CN18-CN118
83	Thermistor	W50 013 170	1	△	OA・RA set
84	Lead wire	W50 004 231	1	△	100mm

Structural parts



<Standard screws>

Symbol	Screw name
a	PT screw 6x12
b	PTT screw 4x8
c	PT screw 5x10

* shows accessory parts.

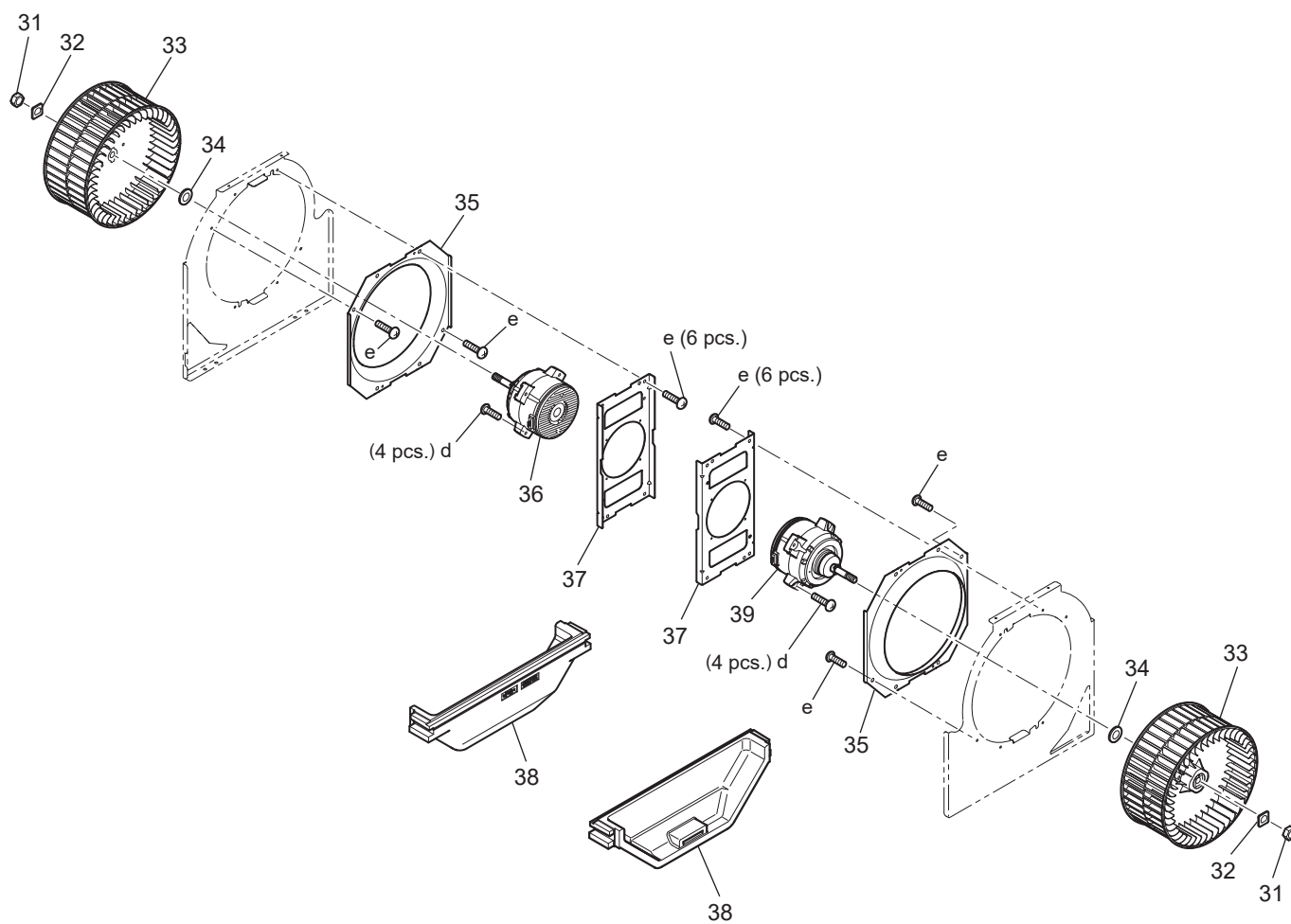
Structural parts

LGH-F600RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
1	Maintenance cover	W50 013 711	1		
2	Special screw M4	W00 000 101	2		
3	Core guide L	W50 013 385	1		
4	Lossnay core	W50 004 721	2	⚠	With the filter stoppers
5	Filter	W50 004 724	4	⚠	
6	Filter stopper	W50 016 711	8		
7	Core guide R	W50 013 392	1		
8	Fix piece	W50 013 722	2		
9	Lead support	W50 013 706	2		
10	Hinge	W50 004 344	1		
11	Cover	W50 003 708	2		
12	Hanger L	W36 002 380	2		
13	Fix piece	W50 004 731	1		
14	Special screw 4x8	W00 000 089	4		
15	Special screw 4x8	W00 000 098	2		
16	Flange	W50 003 610	4		
17	Hanger R	W50 004 380	2		
18	GM assembly	W50 019 262	1	⚠	AC220・240V
19	Rod	W50 004 150	1		
20	Pull spring	W50 013 157	1		
21	Screws in bag	W50 013 051	1		

Fan parts

Air exhaust fan assembly



Air supply fan assembly

<Standard screws>

Symbol	Screw name
d	PTT screw 4x25
e	PTT screw 5x10

Fan parts

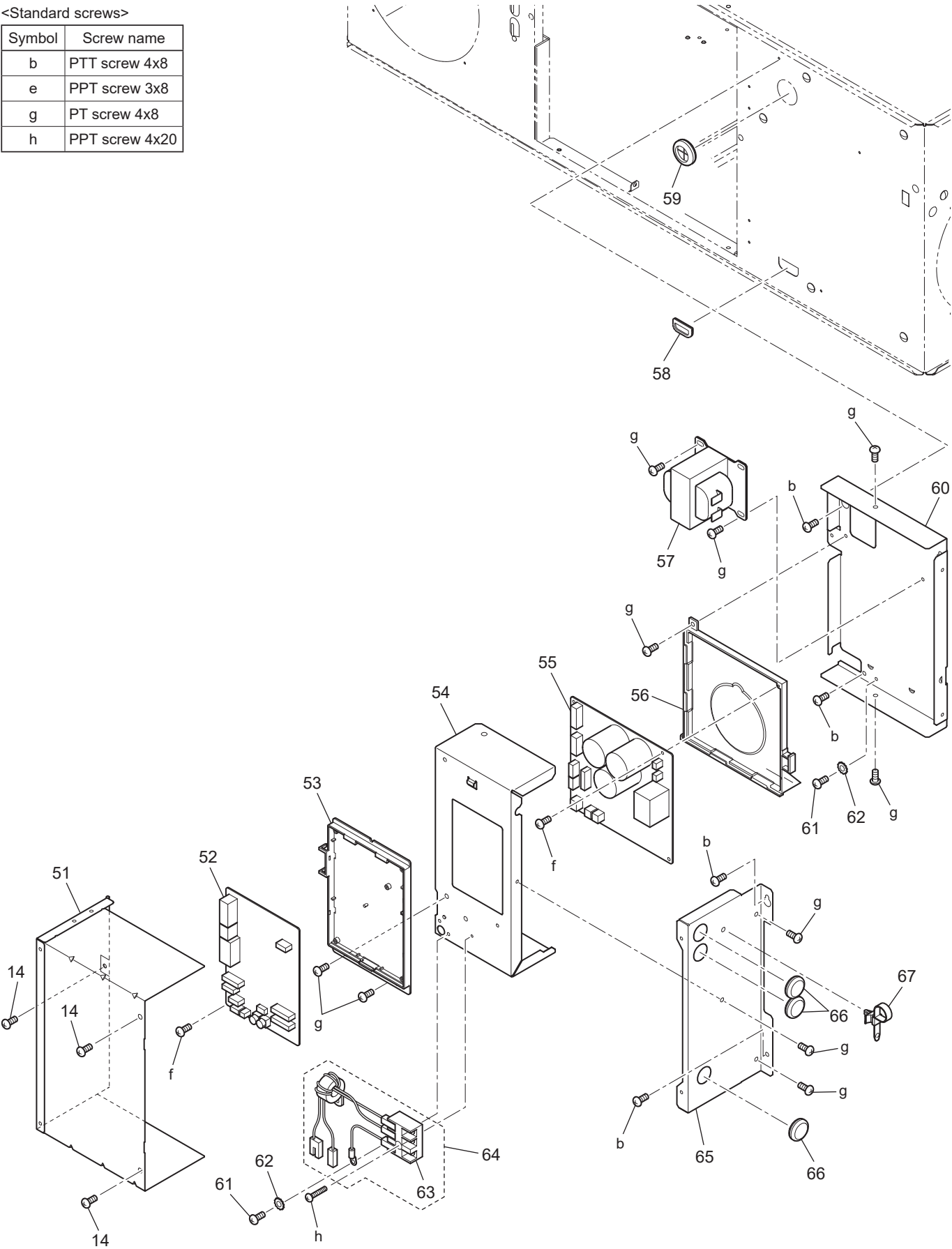
LGH-F600RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
31	Special nut (M12)	W00 000 117	2		Left-handed
32	Tab washer	W50 004 730	2		
33	Centrifugal fan	W50 004 482	2	⚠	Dia. 245
34	Washer (12)	W00 000 123	2		Outer dia. 24mm
35	Inlet ring	W50 004 725	2		
36	DC motor (EA)	W50 019 456	1	⚠	
37	Motor fix plate	W50 004 736	2		
38	Separator	W50 013 487	2		
39	DC motor (SA)	W50 019 455	1	⚠	

Control parts

<Standard screws>

Symbol	Screw name
b	PTT screw 4x8
e	PPT screw 3x8
g	PT screw 4x8
h	PPT screw 4x20

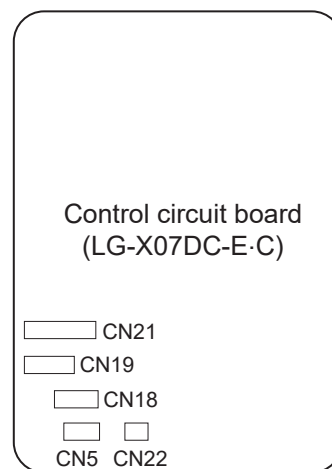
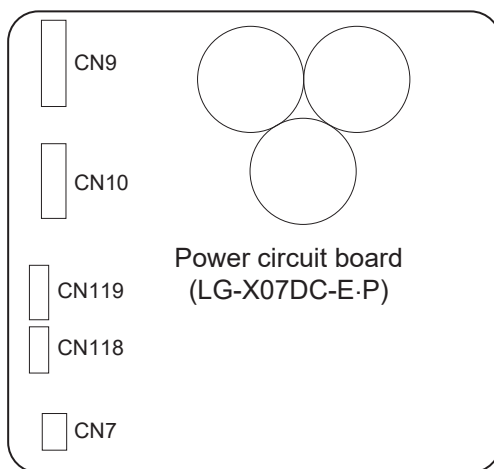
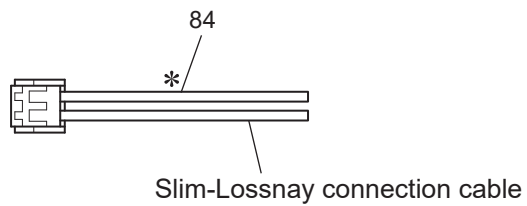
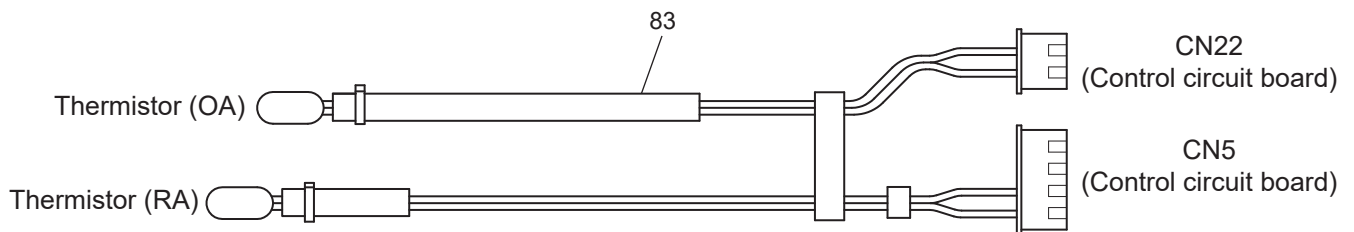
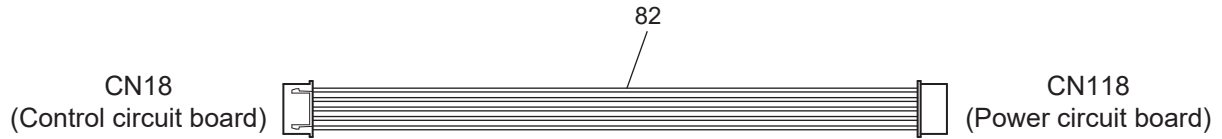
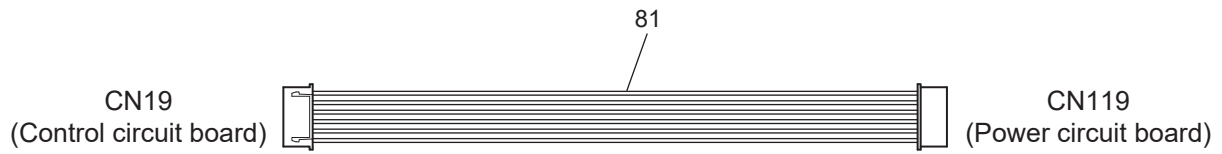


Control parts

LGH-F600RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
51	Control box cover	W50 019 707	1		
52	Circuit board	W50 004 174	1	⚠	LG-X07DC-E・C
53	PCB fix plate	W50 004 381	1		
54	Sub control base	W50 019 705	1		
55	Circuit board	W50 004 173	1	⚠	LG-X07DC-E・P
56	PCB case	W50 004 383	1		
57	Reactor	W50 028 181	1	⚠	White・AC6.5A
58	Bush	W00 000 278	1		
59	Cord bush	W00 000 277	1		
60	Control base	W50 019 704	1		
61	PT screw 4x8 BS	W00 000 011	2		
62	Lock washer (4)	W00 000 082	2		
63	Terminal block	W45 602 242	1	⚠	3P
64	Terminal block	W50 019 213	1	⚠	With the lead wires
65	Side plate	W50 019 706	1		
66	Cord bush	W00 000 270	3		
67	Cord band	W00 000 258	1		

Wiring parts



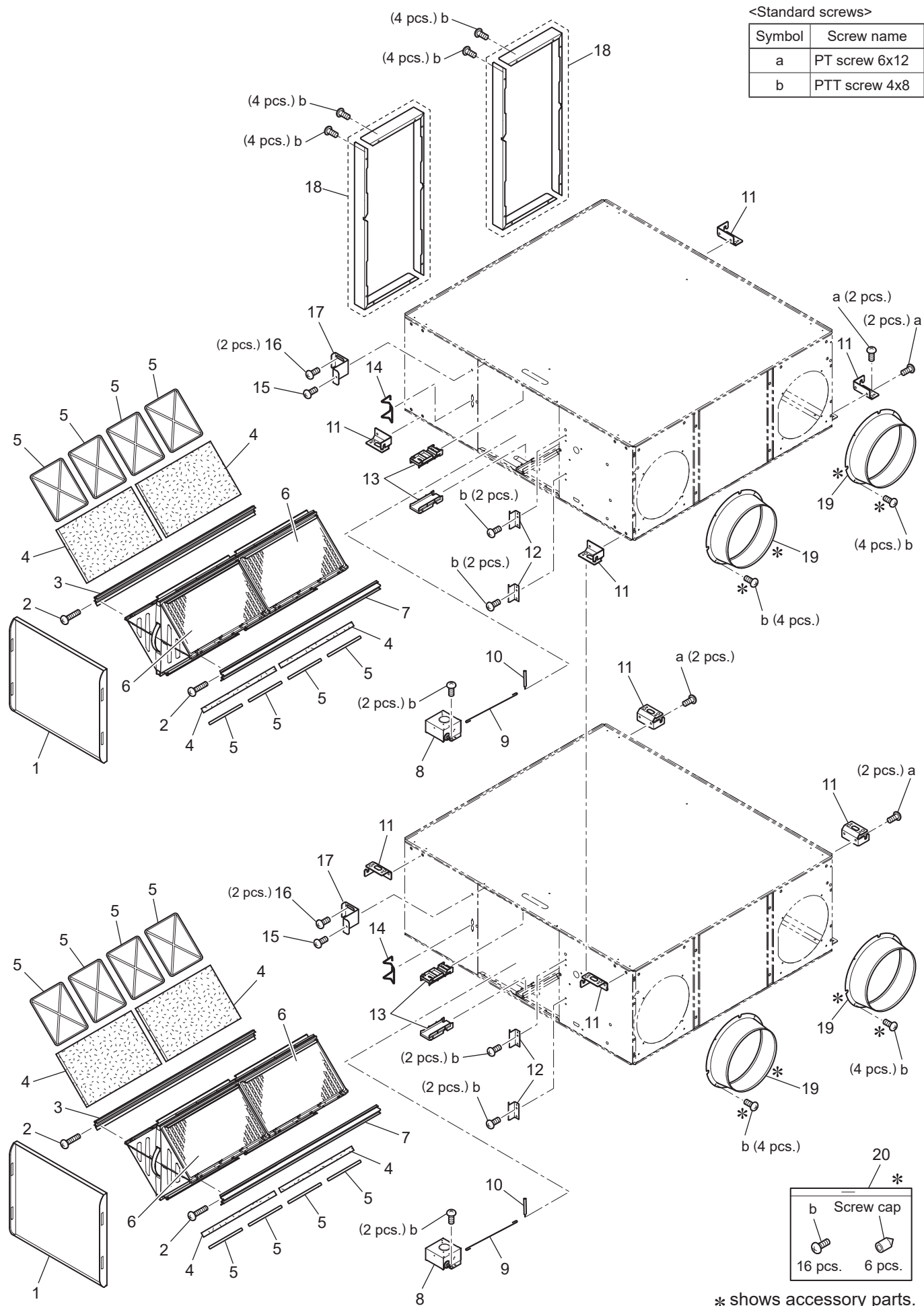
* shows accessory parts.

Wiring parts

LGH-F600RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
81	Lead wire	W36 002 214	1	△	CN19-CN119
82	Lead wire	W36 002 215	1	△	CN18-CN118
83	Thermistor	W50 013 171	1	△	OA・RA set
84	Lead wire	W50 004 231	1	△	100mm

Structural parts



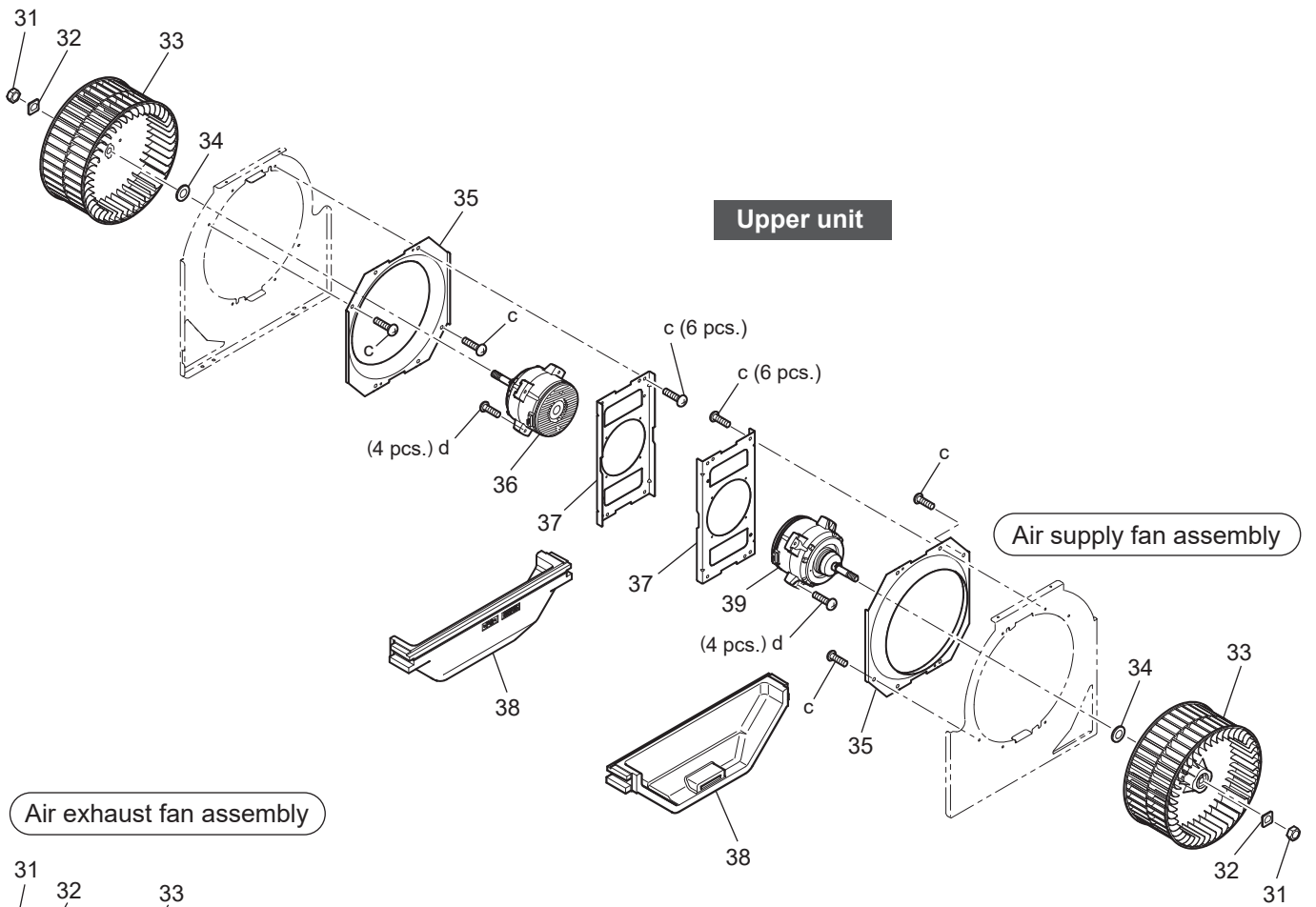
Structural parts

LGH-F1200RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
1	Maintenance cover	W50 013 711	2		
2	Special screw M4	W00 000 101	4		
3	Core guide L	W50 013 385	2		
4	Filter	W50 004 724	8	⚠	
5	Filter stopper	W50 016 711	16		
6	Lossnay core	W50 004 721	4	⚠	With the filter stoppers
7	Core guide R	W50 013 392	2		
8	GM assembly	W50 019 262	2	⚠	AC220・240V
9	Rod	W50 004 150	2		
10	Pull spring	W50 013 157	2		
11	Hanger	W50 001 382	8		
12	Fix piece	W50 013 722	4		
13	Lead support	W50 013 706	4		
14	Hinge	W50 004 344	2		
15	Special screw 4x8	W00 000 089	5		
16	Special screw 4x8	W00 000 098	4		
17	Fix piece	W50 004 731	2		
18	Flange (A/B)	W50 013 707	2		
19	Flange	W50 003 610	4		
20	Screws in bag	W50 013 052	1		

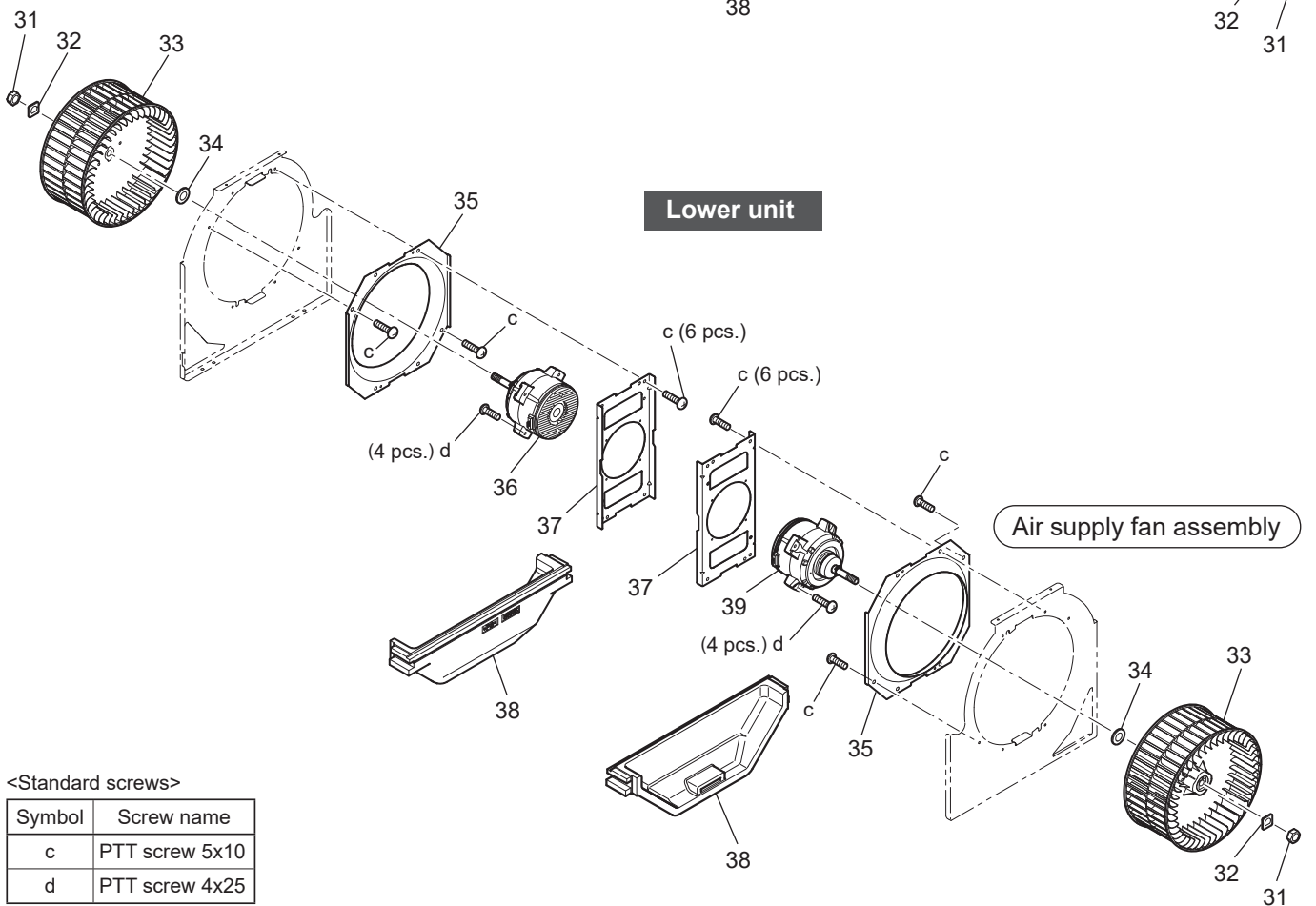
Fan parts

Air exhaust fan assembly



Air supply fan assembly

Air exhaust fan assembly



Air supply fan assembly

<Standard screws>

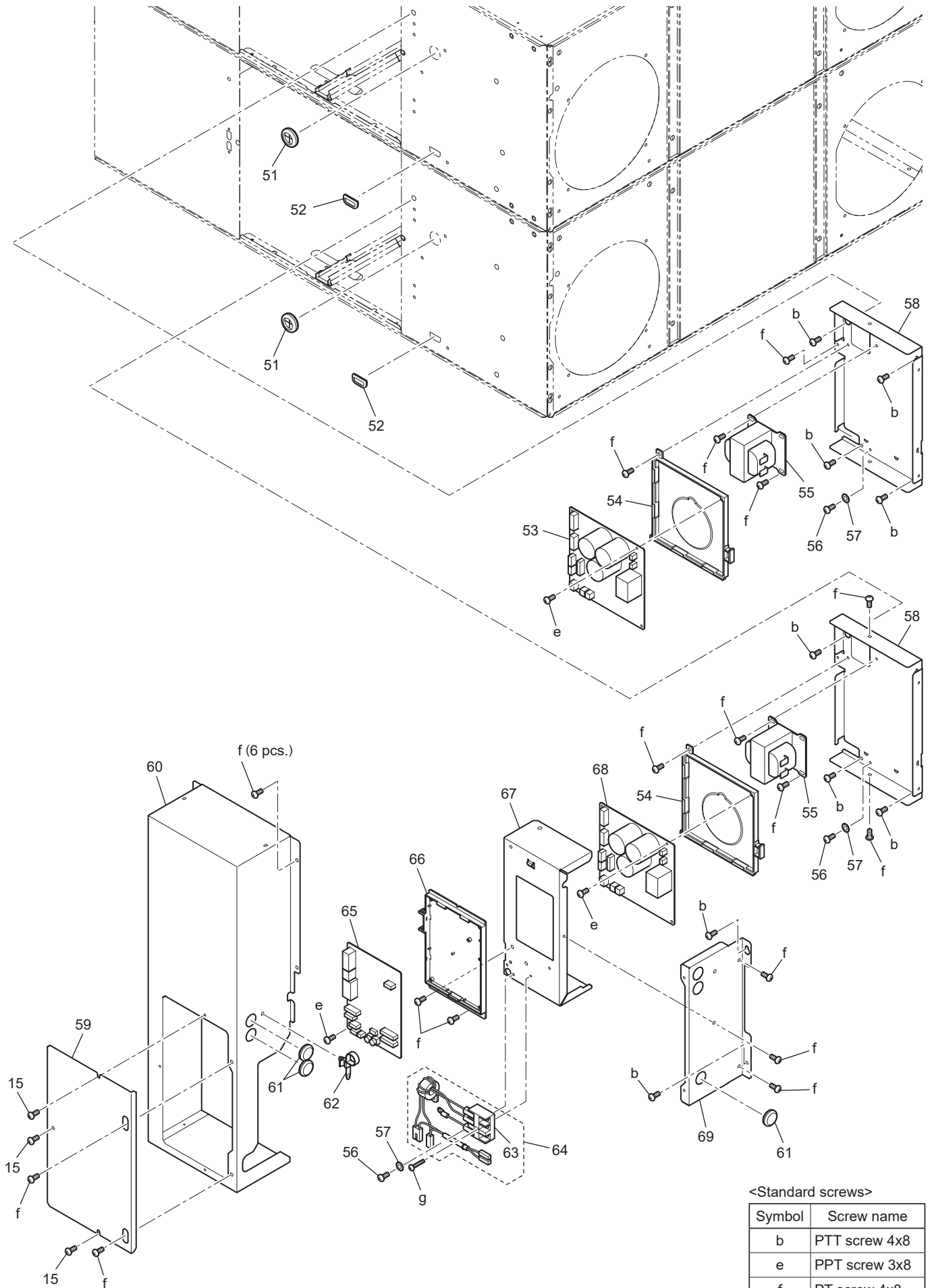
Symbol	Screw name
c	PTT screw 5x10
d	PTT screw 4x25

Fan parts

LGH-F1200RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
31	Special nut (M12)	W00 000 117	4		Left-handed
32	Tab washer	W50 004 730	4		
33	Centrifugal fan	W50 004 482	4	⚠	Dia. 245
34	Washer (12)	W00 000 123	4		Outer dia. 24mm
35	Inlet ring	W50 004 725	4		
36	DC motor (EA)	W50 019 456	2	⚠	
37	Motor fix plate	W50 004 736	4		
38	Separator	W50 013 487	4		
39	DC motor (SA)	W50 019 455	2	⚠	

Control parts



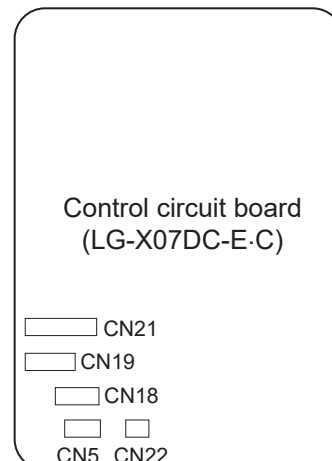
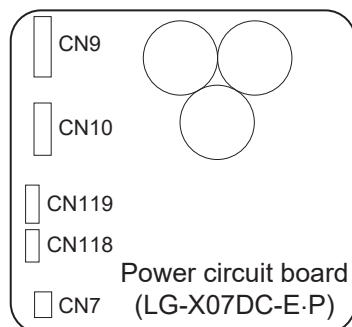
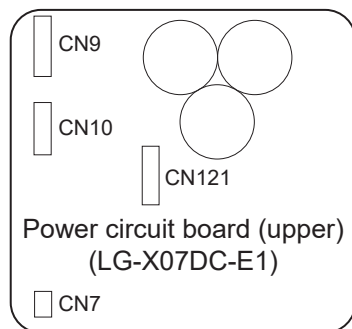
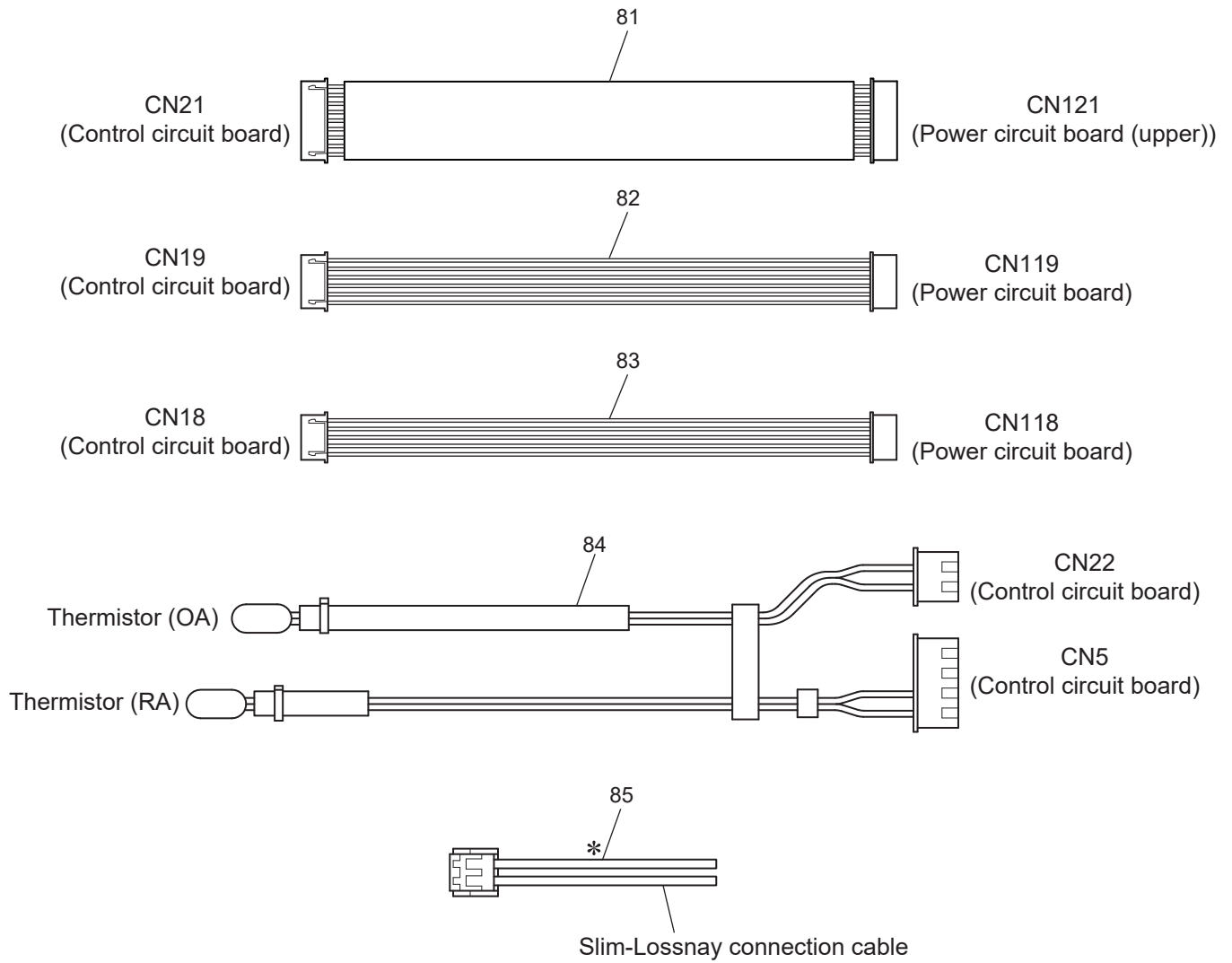
Symbol	Screw name
b	PTT screw 4x8
e	PPT screw 3x8
f	PT screw 4x8
g	PPT screw 4x20

Control parts

LGH-F1200RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
51	Cord bush	W00 000 277	2		
52	Bush	W00 000 278	2		
53	Circuit board	W50 004 172	1	⚠	LG-X07DC-E1
54	PCB case	W50 004 383	2		
55	Reactor	W50 028 182	2	⚠	Yellow・AC3.5A
56	PT screw 4x8 BS	W00 000 011	3		
57	Lock washer (4)	W00 000 082	3		
58	Control base	W50 019 704	2		
59	Control cover	W50 019 709	1		
60	Control box cover	W50 019 708	1		
61	Cord bush	W00 000 270	3		
62	Cord band	W00 000 258	1		
63	Terminal block	W45 602 242	1	⚠	3P
64	Terminal block	W50 019 214	1	⚠	With the lead wires
65	Circuit board	W50 004 174	1	⚠	LG-X07DC-E・C
66	PCB fix plate	W50 004 381	1		
67	Sub control base	W50 019 705	1		
68	Circuit board	W50 004 173	1	⚠	LG-X07DC-E・P
69	Side plate	W50 019 706	1		

Wiring parts



* shows accessory parts.

Wiring parts

LGH-F1200RVX-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
81	Lead wire	W50 013 213	1	△	CN21-CN121
82	Lead wire	W36 002 214	1	△	CN19-CN119
83	Lead wire	W36 002 215	1	△	CN18-CN118
84	Thermistor	W50 013 171	1	△	OA・RA set
85	Lead wire	W50 004 231	1	△	100mm