

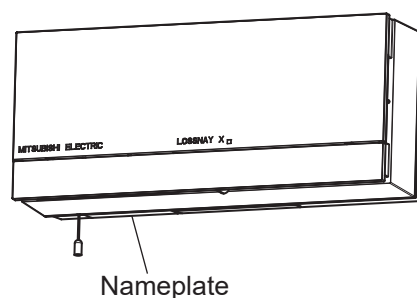
# MITSUBISHI LOSSNAY VENTILATOR HANDBOOK

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## MODELS

**VL-80U<sub>5</sub>-E**

**VL-80EU<sub>5</sub>-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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# 1. Safety precautions

- Read the following precautions thoroughly before the maintenance, and then inspect and repair the product in a safe manner.
- The types and levels of danger that may arise if the product is handled improperly are described with the warning symbols shown below.

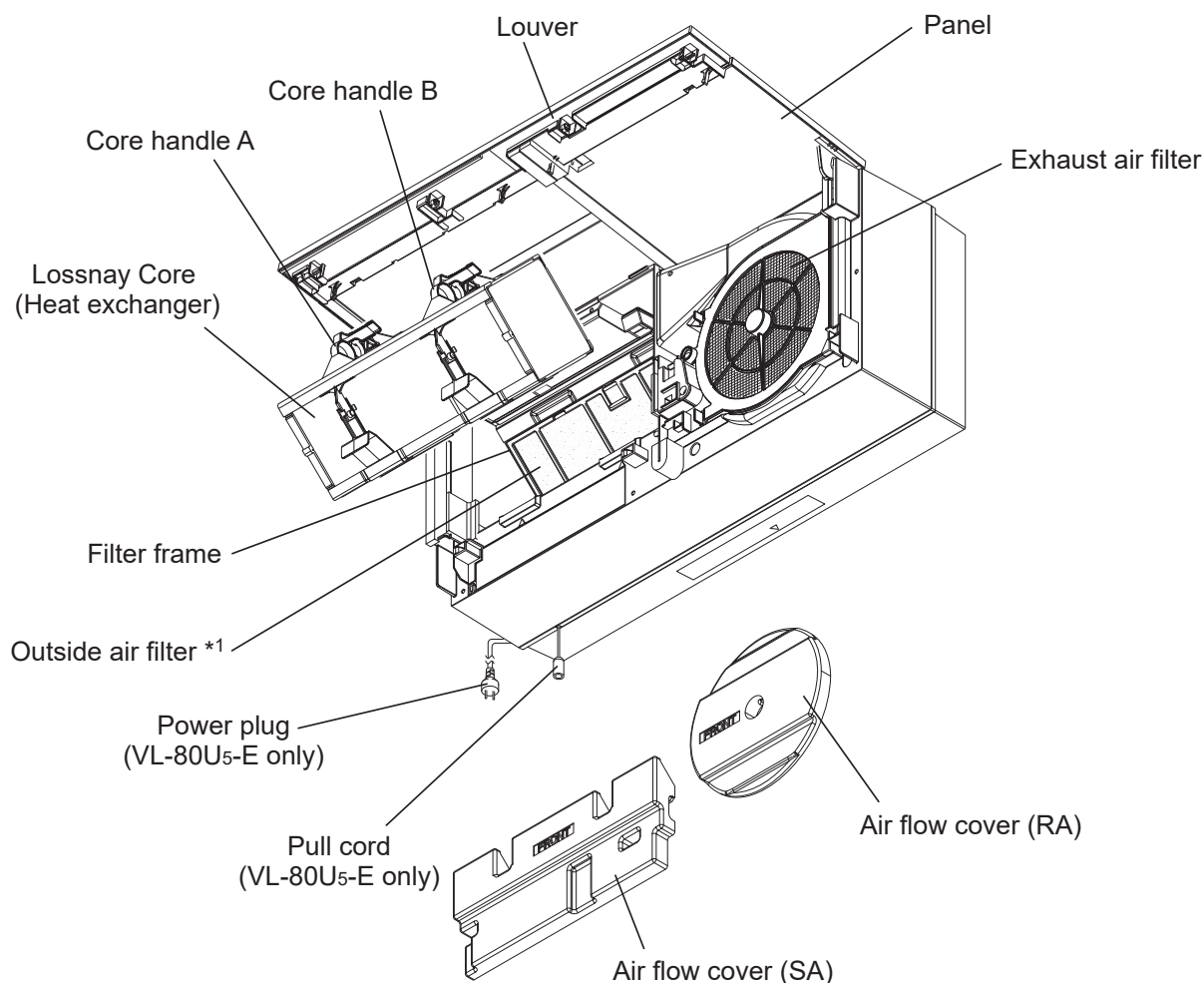
 <b>Warning</b>		Improper handling of the product may result in serious injury or death.	
<p>◇ <b>Electric shock</b></p> <p>If you must inspect the circuitry while the power is on, do not touch the live parts.</p> <p>(Failure to observe this warning may result in electric shock.)</p>	 <p>Caution against electric shock</p>	<p>◇ <b>Turn off the power supply</b></p> <p>Be sure to shut off the power supply isolator before disassembling the unit for repair.</p> <p>(Failure to observe this warning may result in electric shock.)</p>	 <p>Be sure to follow this instruction.</p>
<p>◇ <b>Modification is prohibited</b></p> <p>Do not modify the unit.</p> <p>(Failure to observe this warning may result in electric shock, fire and/or injury.)</p>	 <p>Prohibited</p>	<p>◇ <b>Use proper parts and tools</b></p> <p>For repair, be sure to use the parts listed in the parts catalog of the applicable model and use the proper tools.</p> <p>(Failure to observe this warning may result in electric shock, fire and/or injury.)</p>	 <p>Be sure to follow this instruction.</p>
<p>◇ <b>Proper electric work</b></p> <p>Qualified electricians shall conduct electric work in accordance with your local electric work regulations and the installation manuals.</p> <p>(Improper connection or wiring installation may result in electric shock and/or fire.)</p>	 <p>Be sure to follow this instruction.</p>	<p>◇ <b>Replace damaged and/or degraded parts</b></p> <p>Be sure to replace the power cord and lead wires if they are damaged and/or degraded.</p> <p>(Failure to observe this warning may result in electric shock and/or fire.)</p>	 <p>Be sure to follow this instruction.</p>
		<p>◇ <b>Check insulation</b></p> <p>Upon completing repair work, always measure the insulation resistance. Verify that it is at least 10 MΩ (with a 500-V DC insulation resistance tester), and then turn on the power.</p> <p>(Inadequate insulation may result in electric shock.)</p>	 <p>Be sure to follow this instruction.</p>

 <b>Caution</b>		Improper handling of the product may result in injury or damage to properties including buildings and equipment.	
<p>◇ <b>Caution for injury</b></p> <p>Do not work at a location where you do not have a sure footing.</p> <p>(Failure to observe this caution may result in a fall.)</p>	 <p>Prohibited</p>	<p>◇ <b>Wear gloves</b></p> <p>Wear gloves when servicing.</p> <p>(Failure to observe this caution may result in injury to your hands from sharp metal or other edges.)</p>	 <p>Be sure to follow this instruction.</p>

## Notes for servicing

- Inspect the earth condition, and repair it if it is incomplete. Make sure that a power supply isolator and an over-load protection device are installed. If they are not installed, recommend the customer to install them.
- Make sure that the product operates properly upon completion of repair. Clean the product and the surrounding area, and then notify the customer of the completion of repair.

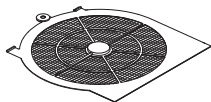

## 2. Names and functions of components



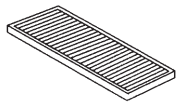
### \*1 Outside air filter

Small particles and bugs may penetrate the filter. If you are bothered by bugs entering, using the optional filter (P-80HF-E) is recommended. (It reduces the number of bugs that can enter.)

### \* About the filters

			Features
Exhaust air filter		Exhaust air side	The filter prevents clogging of the internal parts.
Outside air filter (Replacement filter)	 (P-80F-E: Optional parts)	Supply air side	When Lossnay takes in outside air to a room, the filter collects dust, sand, pollen or the likes from outside air. Note: Some fine particles or tiny insects may pass through the filter. The high-performance filter is recommended for higher collecting effect.

Outside air filter can be replaced with the following high-performance filter.

High-performance filter (Optional parts)	 (P-80HF-E)	Supply air side	The filter collects dust more efficiently than the outside air filter.
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### 3. Specifications

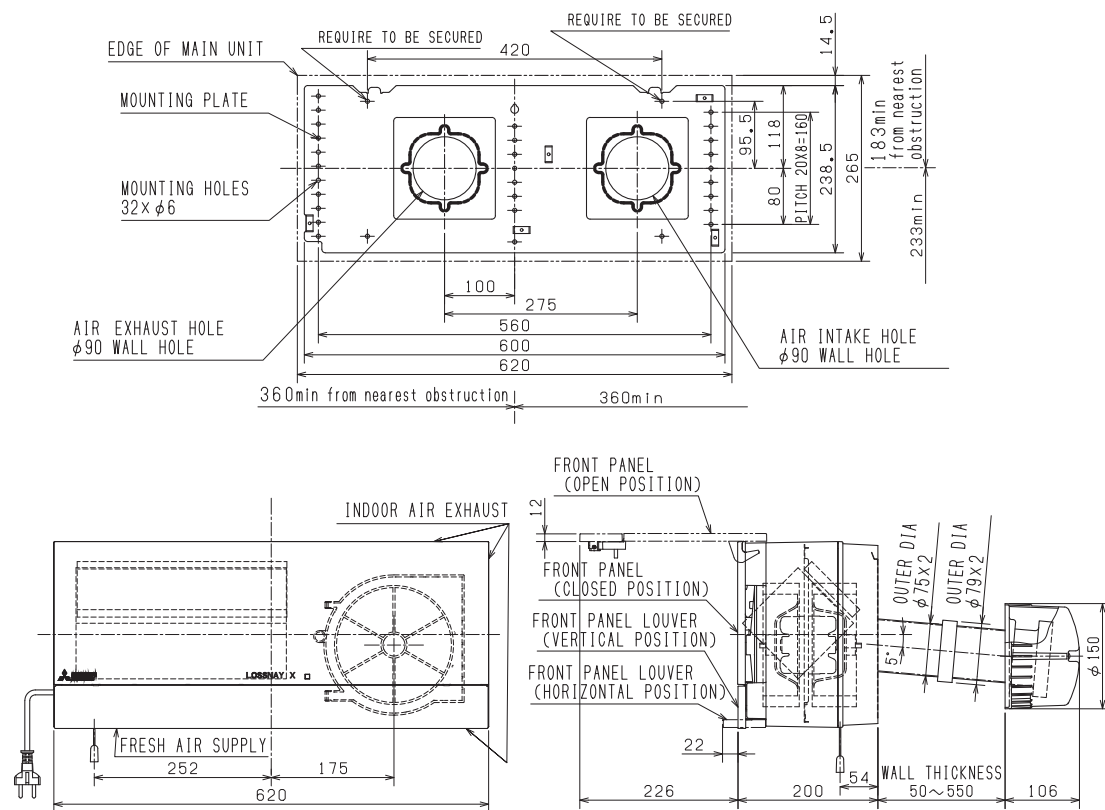
Model	Power supply		Notch	Power consumption (W)	Air volume (m³/h)	Temperature exchange efficiency (%)	Sound level (dB)	Weight (kg)
	Frequency (Hz)	Voltage (V)						
VL-80U <sub>5</sub> -E VL-80EU <sub>5</sub> -E	50	220	Hi	27	78	63	36.5	8.8
			Lo	14	45	70	24	
		230	Hi	28	80	62	37	
			Lo	15.5	49	70	26	
		240	Hi	30	81	62	38	
			Lo	17	54	67	28	
	60	220	Hi	34	83	62	38	
			Lo	17.5	46	70	25	

#### ■ Attention

1. The above values are at factory default.
2. The power consumption, the temperature exchange efficiency and the noise level are based on the airflow.
3. The noise level at 1.5 m is spherical.
4. Temperature exchange efficiency (%) is based on winter condition.
5. Mitsubishi Electric measures figures in the chart according to EN13141-8:2022.
6. The noise level (A-weighted sound pressure level) is calculated using the sound power level.  
The sound power level measurement is performed according to ISO3744 and ISO13347-3 with hemi-anechoic chamber.

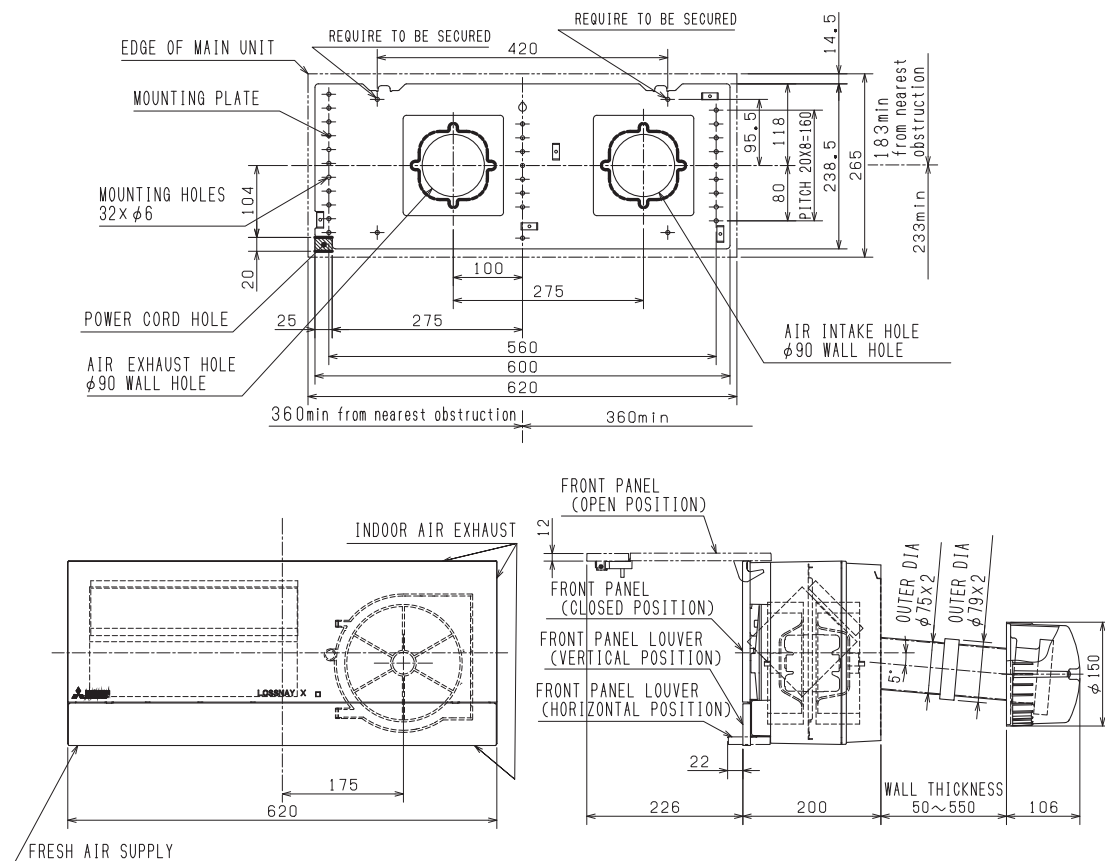
## 4. Outside dimensions

VL-80U<sub>5</sub>-E



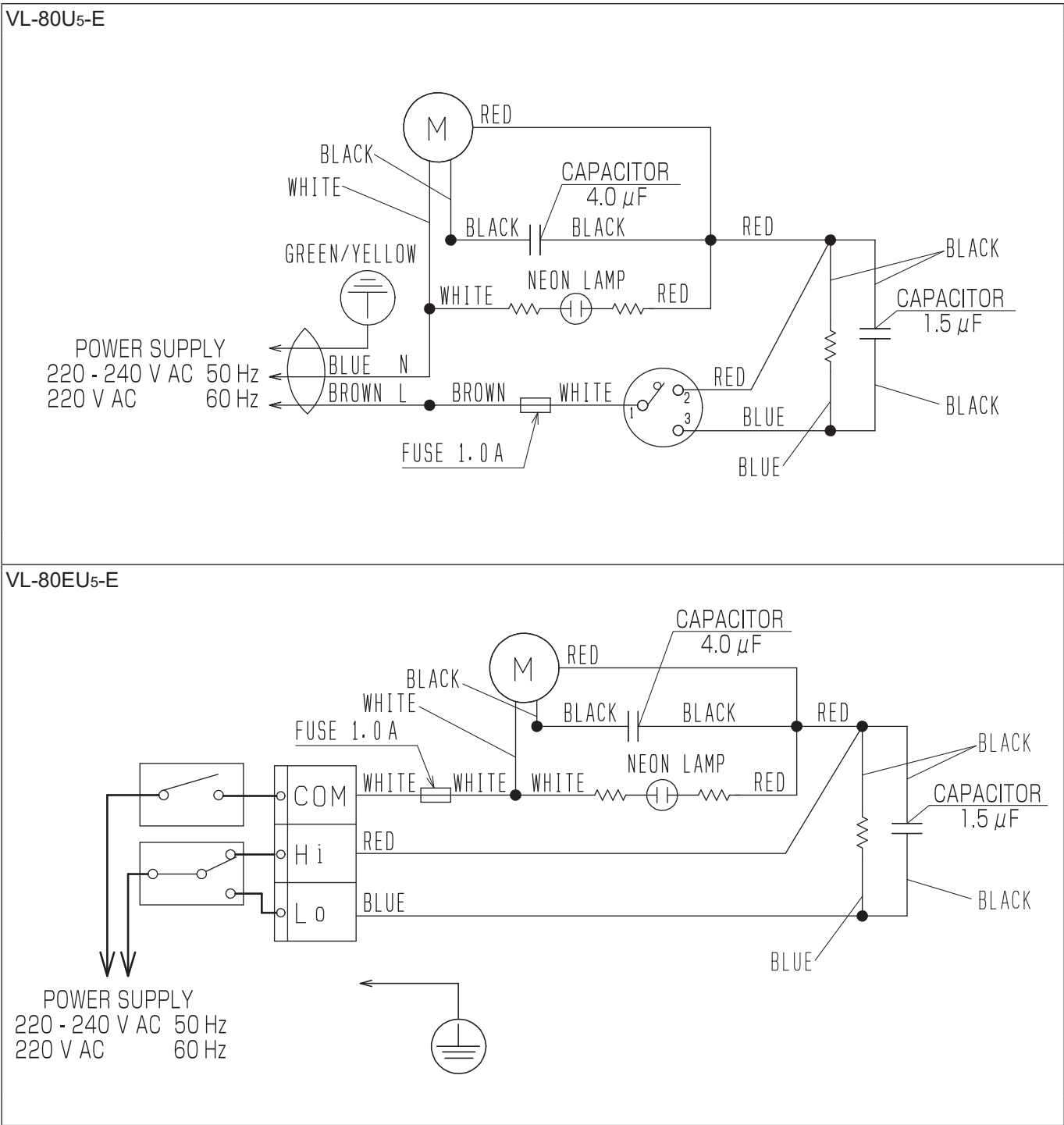
Unit (mm)

VL-80EU<sub>5</sub>-E



Unit (mm)

# 5. Electrical wiring diagrams



## 6. Troubleshooting

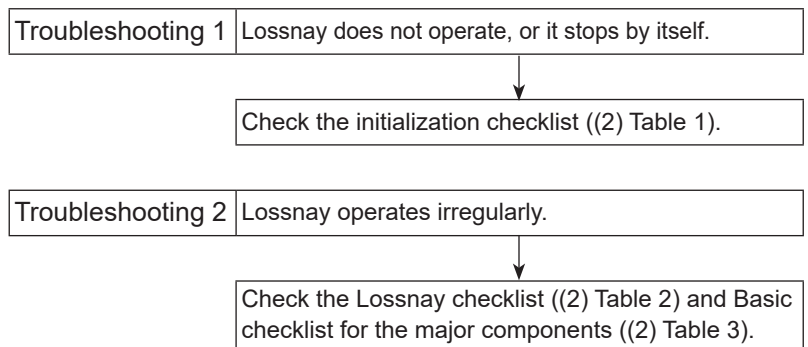
### ■ Work precautions

- When servicing, recreate the malfunction two or three times before starting repairs.
- When servicing, always keep proper footing.
- When servicing, be sure to unplug the power cord from the outlet, or turn off the circuit breaker. Pay sufficient attention to avoid electric shock or injury.
- Be sure to connect the power wires properly.
- Avoid application of abnormal voltage.

### (1) Service Flowchart

After checking the check items below, follow the troubleshooting 1 and 2 for servicing.

Check items	
1	Condition of trouble
2	Frequency of trouble: The date of starting operation and occurrence of trouble
3	With or without working drawings: Equipment, wiring



### (2) Checklist

Troubleshooting 1	Lossnay does not operate, or it stops by itself.
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[1] Initialization checklist (Table 1)

No.	Error	Checkpoint
1	The Lossnay operation is disabled or improper. Lossnay stops irregularly.	Check the main power connection. <For VL-80U <sub>5</sub> -E> • Is the power plug connected to the power supply of rated voltage? <For VL-80EU <sub>5</sub> -E> • Is the rated voltage supplied to the terminal block? • Is there a poor connection?



Troubleshooting 2	Lossnay operates irregularly.
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[2] Lossnay checklist (Table 2)

No.	Error	Cause	Action
1	The fan does not rotate.	Do the fan blades touch other parts?	Check for any abnormal area. Replace any abnormal or defective parts.
		Is there any foreign matter around the fan?	Remove it.
		Is there something wrong with the motor?	Check the basic checklist for the major components (Table 3).
2	An unusual noise comes from the fan.	Is there any foreign matter around the fan?	Check around the fan.
		Can you rotate the fan manually?	No: Replace the motor.
		Is there an odd feeling when rotating the fan?	Yes: Replace the motor.
		Is there something wrong with the motor?	Check the basic checklist for the major components (Table 3). Replace the abnormal parts.
3	High/Low lamp does not illuminate.	Is Lossnay operating at the High or Low fan speed?	If the lamp does not illuminate during the High or Low fan speed operation, replace the neon lamp.

[3] Basic checklist for the major components (Table 3)

\*Make sure to unplug the power cord or turn off the circuit breaker, before performing the procedures No. 2 to 4.

No.	Parts	Judging instructions								
1	—	Check that the fan rotates while the rated voltage is supplied.								
2	Fuse	Check if the fuse is blown out. If the fuse is blown out, replace the fuse.								
3	Switch with a pull cord (VL-80U <sub>5</sub> -E only)	Remove the switch from the main unit. Measure the resistance at the weld for the wire connection on the backside of the switch. If the resistance differs from the value listed below, replace the switch. <table><tr><td>Color of wires</td><td>Notch</td><td>Resistance</td></tr><tr><td>White - Red</td><td>High</td><td rowspan="2">Approx. 0.1 Ω (conducted)</td></tr><tr><td>White - Blue</td><td>Low</td></tr></table>	Color of wires	Notch	Resistance	White - Red	High	Approx. 0.1 Ω (conducted)	White - Blue	Low
Color of wires	Notch	Resistance								
White - Red	High	Approx. 0.1 Ω (conducted)								
White - Blue	Low									
4	Motor	<For VL-80U <sub>5</sub> -E> Measure the resistance between the pins of the power plug. <For VL-80EU <sub>5</sub> -E> Measure the resistance between C and Hi (High), and between C and Lo (Low) terminals of the terminal block.  • If the resistance differs from the value listed below, replace the motor and capacitors. <table><tr><td>Notch</td><td>Resistance</td></tr><tr><td>High</td><td>Approx. 490 Ω</td></tr><tr><td>Low</td><td>Approx. 100 kΩ</td></tr><tr><td>OFF (VL-80U<sub>5</sub>-E only)</td><td>Open</td></tr></table>	Notch	Resistance	High	Approx. 490 Ω	Low	Approx. 100 kΩ	OFF (VL-80U <sub>5</sub> -E only)	Open
Notch	Resistance									
High	Approx. 490 Ω									
Low	Approx. 100 kΩ									
OFF (VL-80U <sub>5</sub> -E only)	Open									

## 7. Before receiving repair requests

Frequently asked question	Response
The incoming air feels cold.	[1] Stop the operation, and install the air flow covers. [2] Adjust the louver in a horizontal position. [3] Change the fan speed to Low.
Unusual noise occurs. (Noise became louder.)	[1] Clean the filters. [2] Securely attach the front panel, Lossnay core, and filters.
Small insects intrude into the unit.	[1] Place the filter (outside air filter) properly inside the filter frame. [2] Replace the filter (outside air filter) with the high-performance filter (optional parts).
The product does not provide ventilation. No air comes from the product.	Are the air flow covers installed? Remove the air flow covers.

## 8. Service inspection list

Location	Inspection Item	Check Result
Electric wiring	Are the power lead wires securely connected to the terminal block? (VL-80EU5-E)	
	Is the wiring correct? (VL-80EU5-E)	
Appliance	Is the product securely mounted?	
	Does Lossnay operate as described in the Operating Instructions when operating the switch?	
	Is the fan rotating?	
	Does Lossnay operate without abnormal vibration or noise?	

## 9. Overhauling procedures

### ■ Work precautions

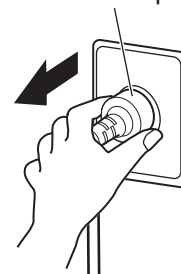
- Before replacing parts, follow the instructions described in the troubleshooting.
- When servicing, always keep proper footing.
- When servicing, be sure to unplug the power cord from the outlet, or turn off the circuit breaker. Pay sufficient attention to avoid electric shock or injury.
- Be sure to connect the power wires properly.
- Avoid application of abnormal voltage.
- Pay attention not to drop the parts or components.
- When the tightening torque for assembling is specified, be sure to tighten to the specified tightening torque.
- After connecting the lead wires, make sure that they are securely connected.
- After completing repairs, check that the product operates properly.
- Servicing at a high place must be performed by two workers.

\* **Always wear a pair of gloves when servicing.**

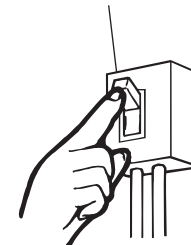
### (1) Turning power off

- [1] Stop the operation by the switch.
- [2] Unplug the power cord from the outlet, or turn off the circuit breaker.

Power cord plug



Circuit breaker



## (2) Power lead wires to the terminal block

For VL-80EU<sub>5</sub>-E

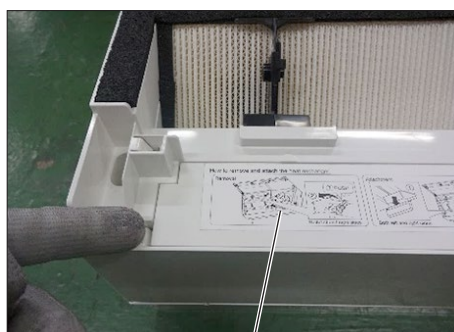
[1] Open the front panel.



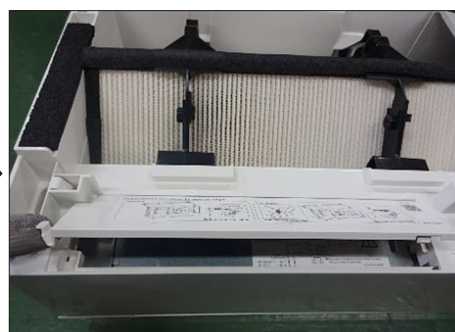
Front panel



[2] Unhook the claw of the cover, and remove the cover.



Cover



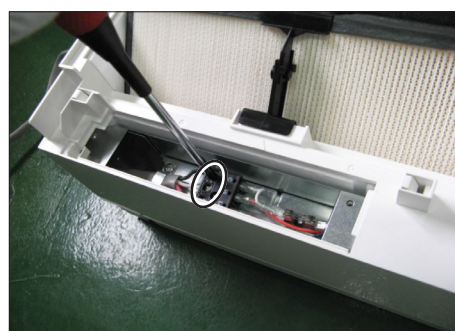
[3] Unscrew the terminal block (TB) case cover fixing screw (one PT screw 4 × 8, indicated by ○), and remove the TB case cover.



TB case cover



[4] Loosen the screws of the terminal block (three screws, indicated by ○) with a screwdriver, and disconnect the power lead wires.

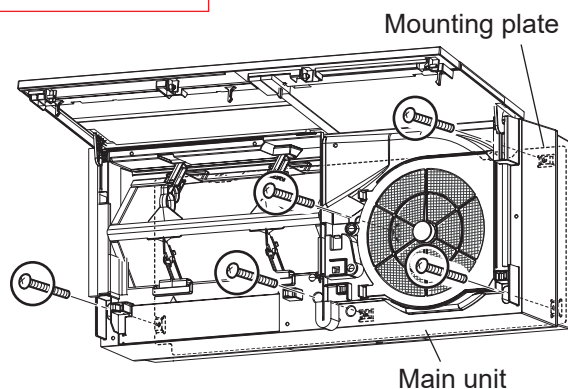


### (3) Main unit

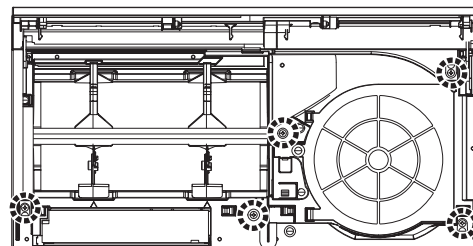
[1] Open the front panel.

[2] Unscrew the main unit mounting screws (five silver PTT screws 4 × 45, indicated by ○).

**Tightening torque**  
○ : 1.5 to 1.9 N·m

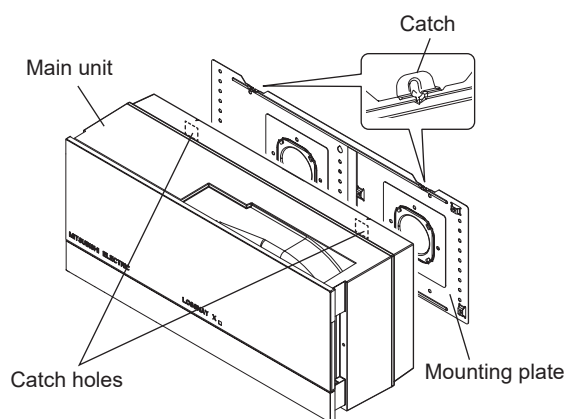


#### [Installation hole positions]



\*The illustration shows VL-80EU5-E.

[3] Unhook the catch holes on the rear face of the main unit from the catches of the mounting plate (on both the left and right sides).



### (4) Front panel

• Open the front panel all the way (approx. 90 degrees), and pull it up to unhook the arms (indicated by ○).

#### Precaution

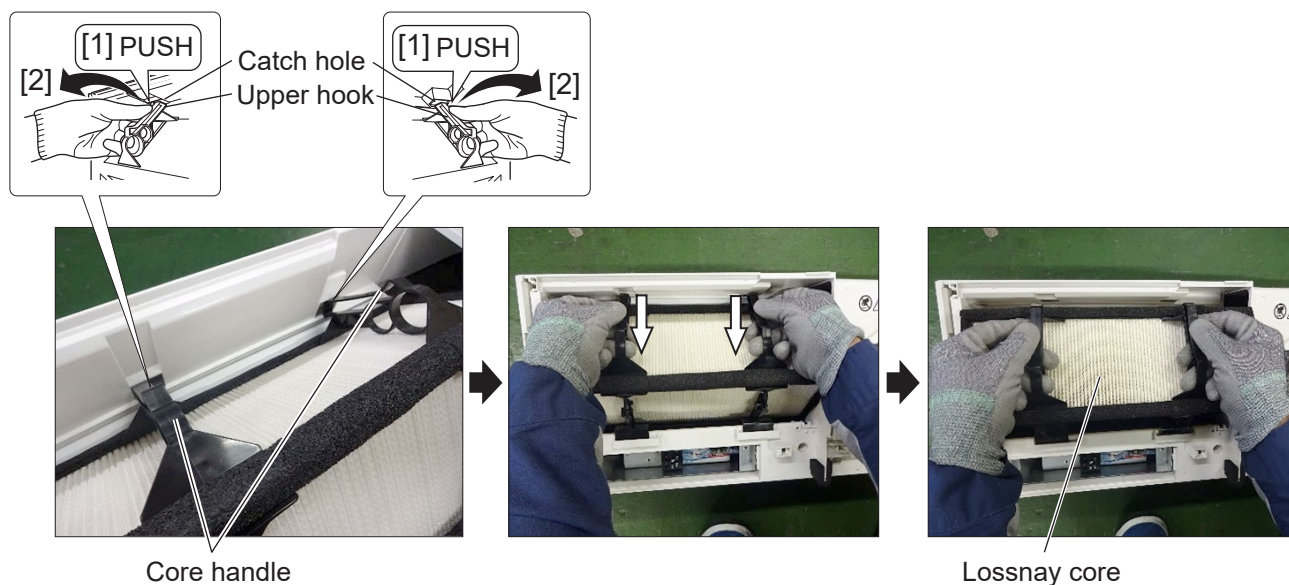
**Pay attention not to damage the front surface of the removed panel.**





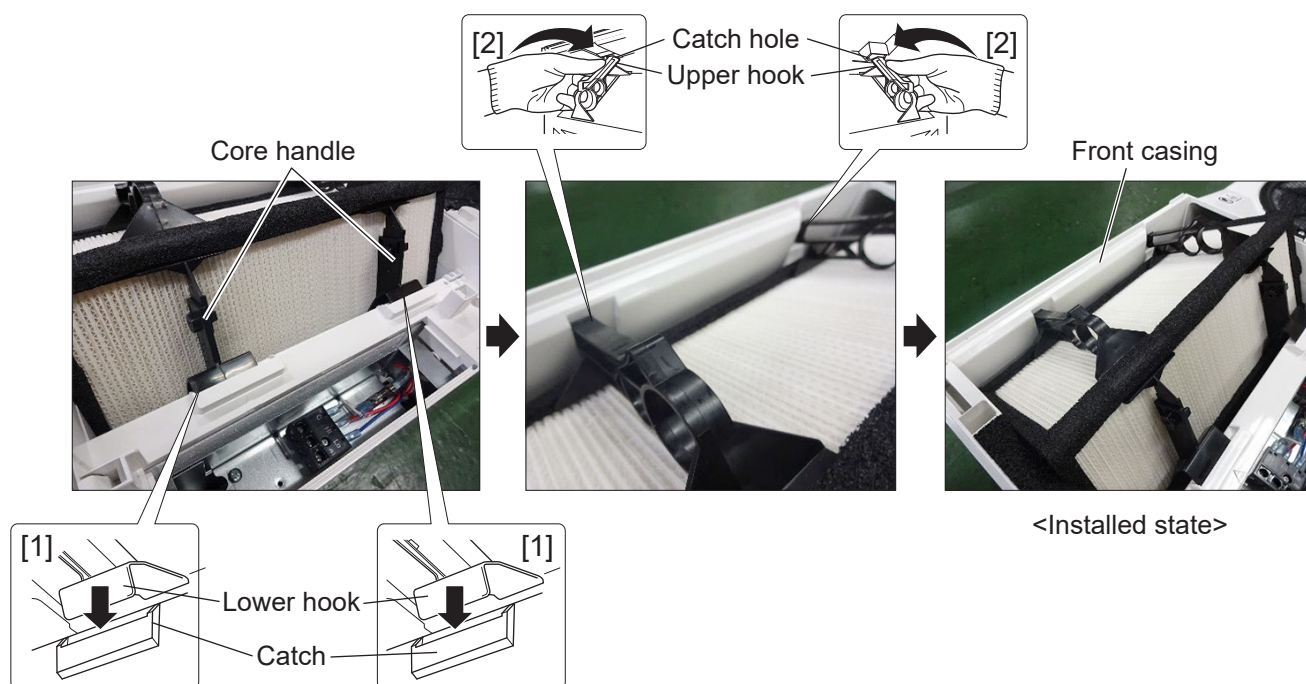
## (5) Lossnay core

- [1] Hold the core handles with both of your hands, and push the upper hooks to remove them from the catch holes.
- [2] Pull out the core handles in the direction of the arrows to remove the Lossnay core.



### <Reassembly procedure>

- [1] Hold the core handles with both hands and push the Lossnay core into the front casing.
- [2] Hook the lower hooks of the core handles on the catches, and then hook the upper hooks in the catch holes to fix the Lossnay core.



**Assembly precaution**  
Check that both edges of the Lossnay core (indicated by ○) are securely fitted.



## (6) Front casing

[1] Unscrew the screws (seven PTT screws 4 × 14, indicated by O).



Front casing

[2] Unscrew the lamp cover fixing screw (one PTT screw 4 × 14, indicated by O), and remove the lamp cover.



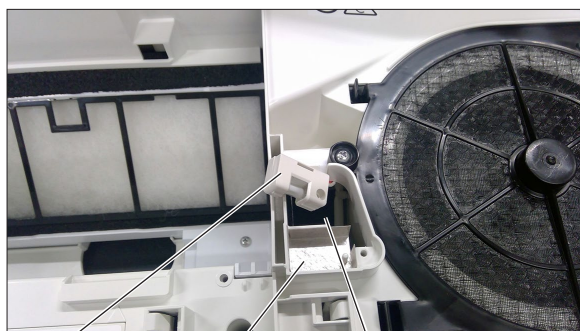
Lamp cover

[3] Remove the neon lamp from the front casing.

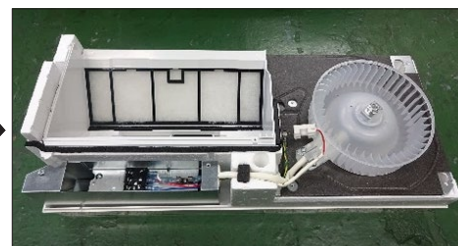
[4] Pass the neon lamp through the hole of the front casing, and then remove the front casing.

### Precaution

Check if the mica sheet is detached. If it is, securely attach it.



Neon lamp   Mica sheet   Hole of the front casing



### Assembly precaution

Before attaching the front casing, be sure that the silicone tube is not coming off the back casing groove.

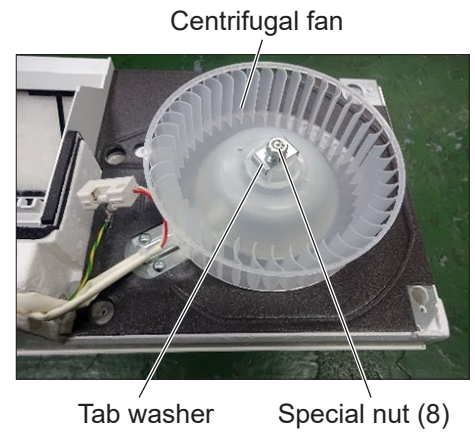
If the silicone tube is damaged or cracked when it comes off, replace it. (For details about replacing the silicone tube, see (11).)

If the silicone tube is not damaged, replacement is not necessary.

Using a finger or a flat-tipped tool (such as a flat-head screwdriver), push the detached part of the silicone tube into the groove of the back casing.

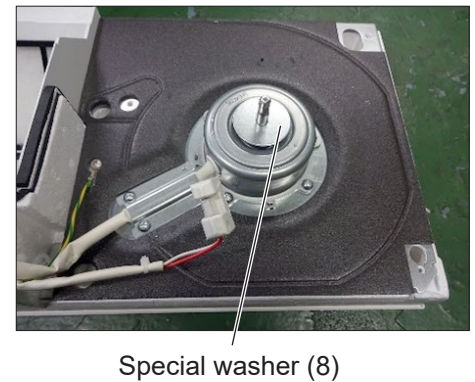
## (7) Air exhaust (EA) fan

- [1] Remove the special nut (8) and tab washer, and then remove the centrifugal fan.



- [2] Remove the special washer (8) (40 mm in outer diameter).

**Assembly precaution**  
Be aware of the size difference between each washer for EA fan and SA fan.  
Incorrect installation may cause unusual noise.



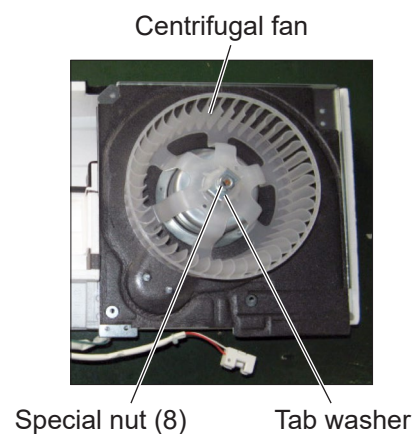


## (8) Air supply (SA) fan

- [1] Unscrew the motor fix plate fixing screw (one PTT screw 4 × 14, indicated by ○).



- [2] Turn the motor fix plate upside down, and put it on the main unit.  
[3] Remove the special nut (8) and tab washer, and then remove the centrifugal fan.



- [4] Remove the special washer (8) (16 mm in outer diameter).

### Assembly precaution

Be aware of the size difference between each washer for EA fan and SA fan.

Incorrect installation may cause unusual noise.

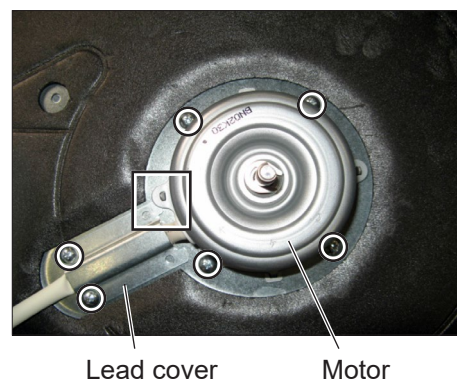


## (9) Motor

- Unscrew the screws that fix motor and lead cover (six PTT screws 4 × 10, indicated by ○), and then remove the motor.

### Assembly precaution

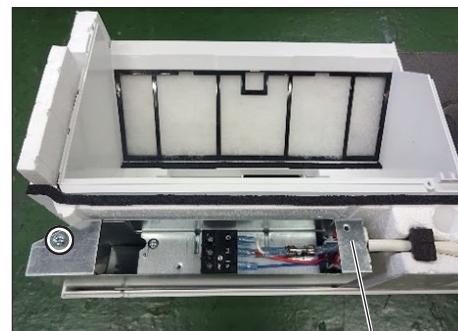
When installing the lead cover, make sure to place it under the motor (indicated by □).





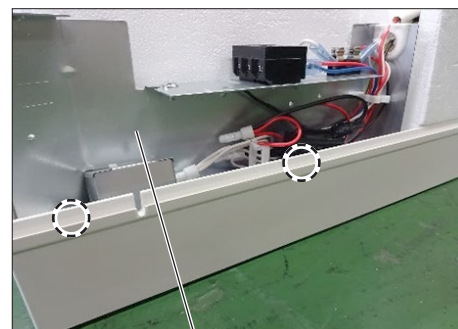
## (10) Terminal block case (TB case)

[1] Unscrew the TB case fixing screw (one PT screw  $4 \times 8$ , indicated by ○), and remove the TB case.



TB case

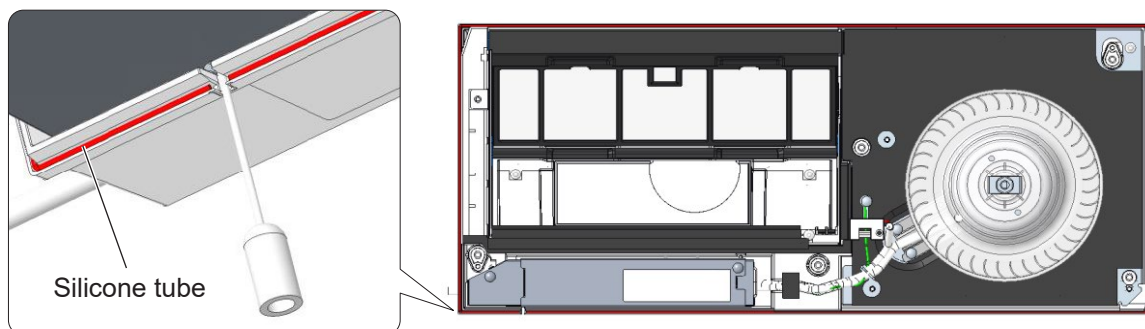
[2] Unscrew the TB fix plate fixing screws (two PTT screws  $4 \times 8$ , indicated by ○), and remove the TB fix plate.



TB fix plate

## (11) Silicone tube

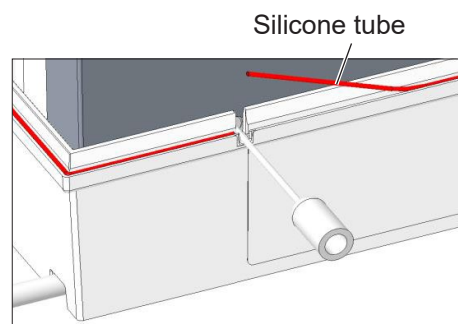
### ■ Position of the silicone tube (Entire groove of the back casing)



### ■ Replacement procedures of the silicone tube

[1] Remove the front casing. → See (6).

[2] Completely remove the existing silicone tube.



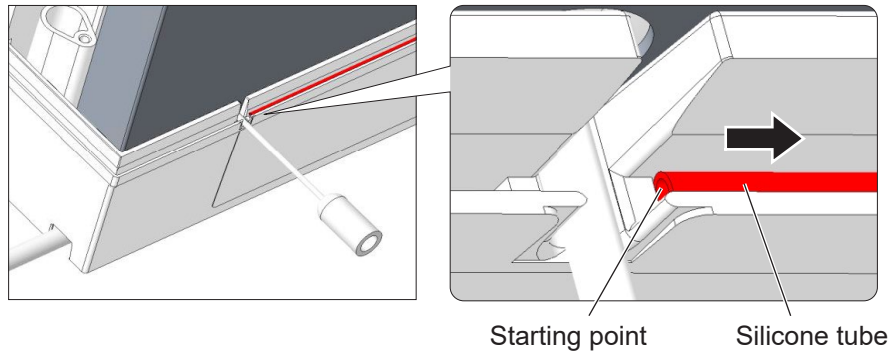
[3] Attach the replacement silicone tube.

From the starting point (Figure 1) to the ending point (Figure 2), push the silicone tube into the groove of the back casing counterclockwise.

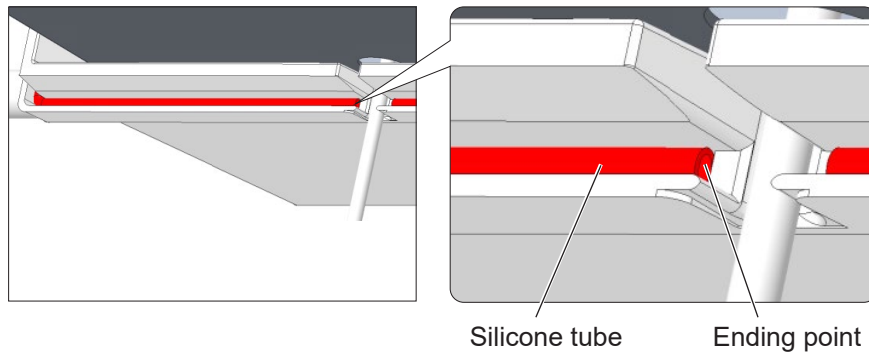
**Assembly precautions**

- Push the silicone tube into the entire groove of the back casing to the depth shown in Figure 3.
- Push with a finger or a flat-tipped tool (such as a flat-head screwdriver), taking care not to damage the silicone tube.

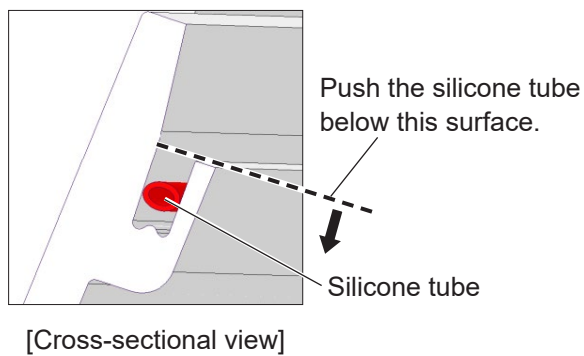
<Figure 1> Starting point



<Figure 2> Ending point

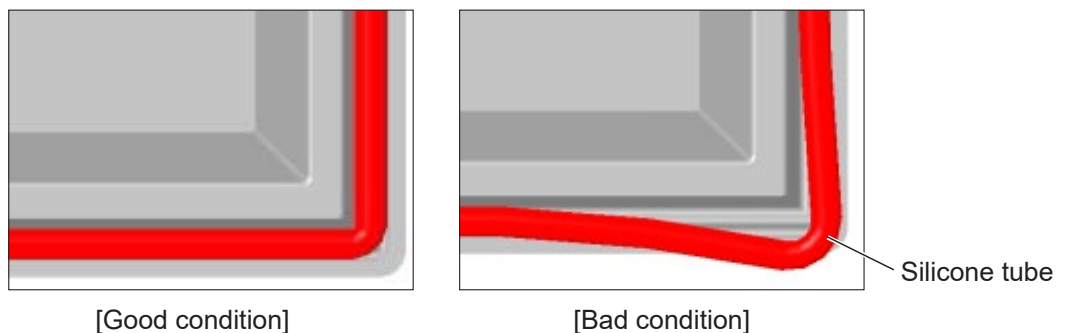


<Figure 3> Push-in depth



**Assembly precaution**

Be careful not to create wrinkles or waves on the silicone tube at the corners.

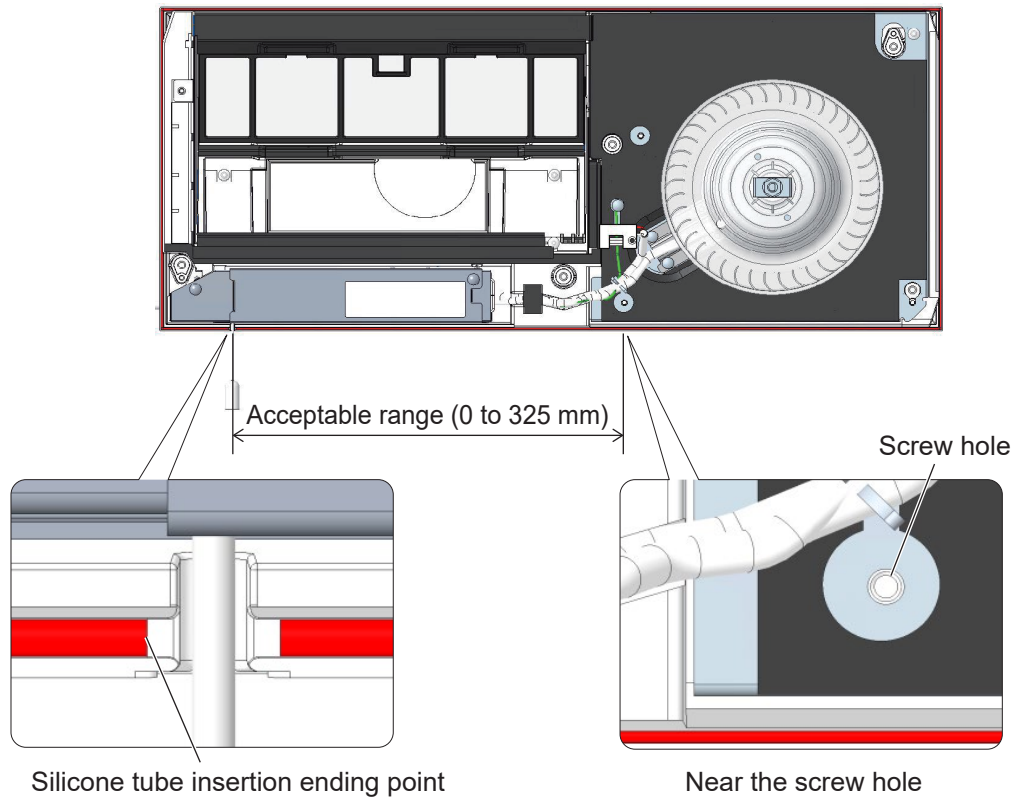


- [4] After attaching the silicone tube around the entire groove, check the amount of stretch in the silicone tube. Check that the end of the excess silicone tube is within the range shown in Figure 4.

**Assembly precaution**

**If the end of the excess silicone tube is shorter (insufficient) or longer (overextended) than the range shown in Figure 4, reattach the silicone tube.**

<Figure 4> Acceptable range for excess silicone tube length



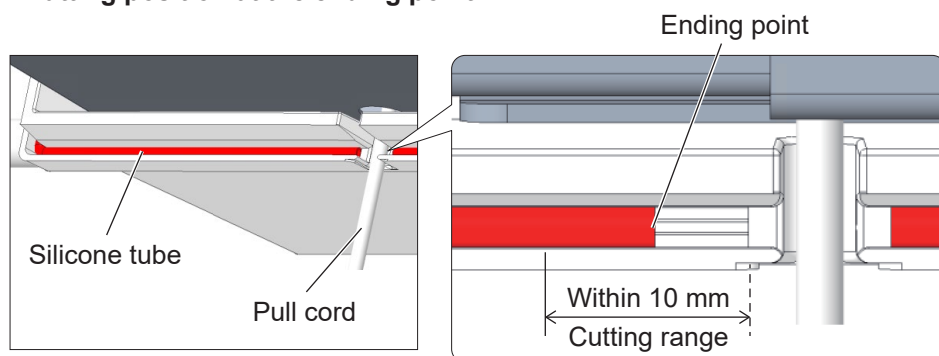
- [5] Cut the excess silicone tube.

Cut the silicone tube with scissors within the cutting range shown in Figure 5.

**Assembly precaution**

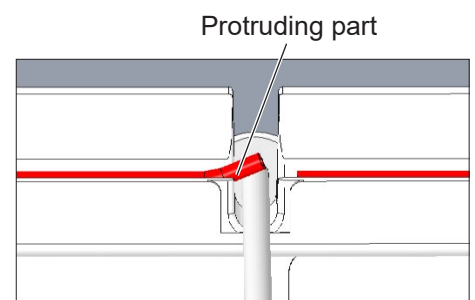
**Be careful not to cut the pull cord when cutting the silicone tube.**

<Figure 5> Cutting position at the ending point



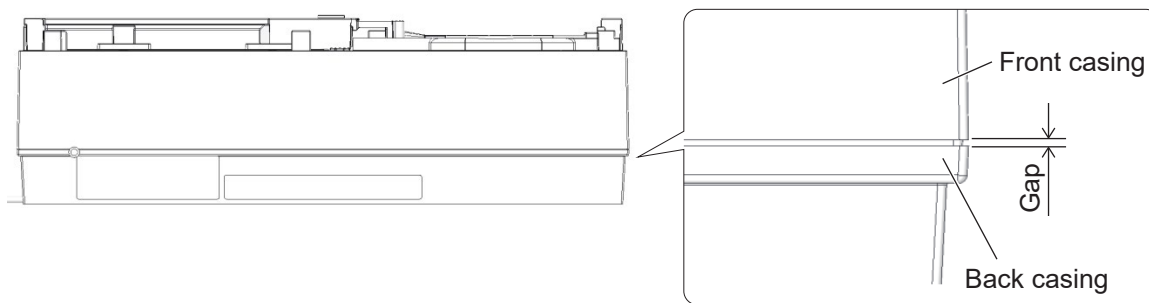
**Assembly precaution**

**Ensure the cutting position of the silicone tube does not shift, so the tube end does not protrude into the pull cord operation space.**



[Bad example: Protruding state]

[6] After assembling the product, check the gap between the front casing and the back casing.  
(Appropriate gap guideline: 1 mm)



**Assembly precaution**

If the gap between the front casing and the back casing is noticeably large (bulging), the silicone tube may be floating.



In that case, disassemble the product again and check if the silicone tube is properly fitted in the groove.

**\* When reassembling**

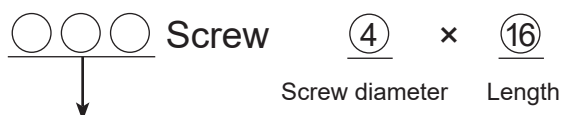
- Reassemble the unit in the reverse order of disassembly.
- After reassembly, always make a test run to make sure that the unit operates properly.

## 10. Parts catalog

### Please note the following when using the parts catalog.

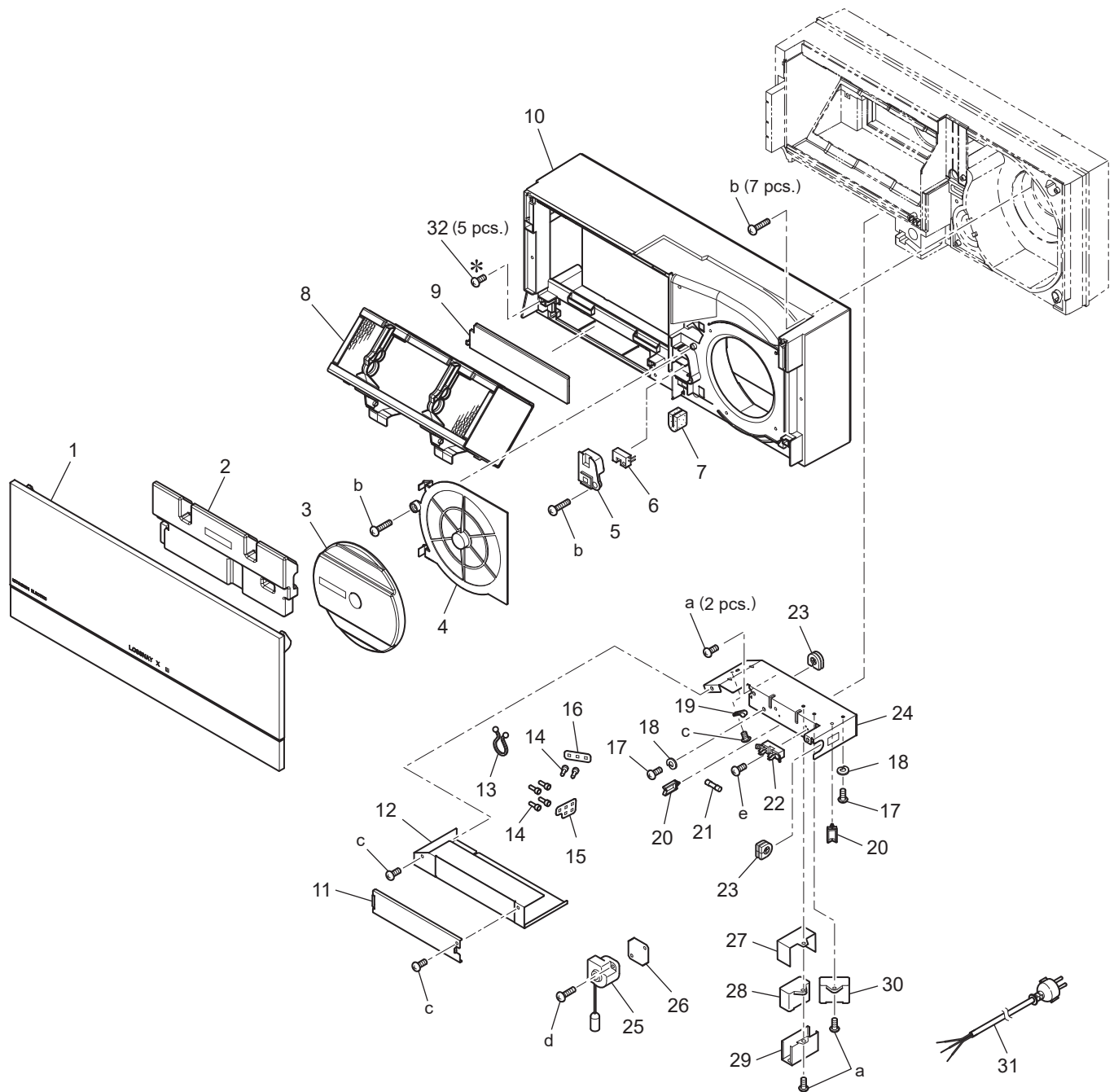
1. When ordering parts, the part number, part name, and the number of parts are required.
2. It may take time for you to receive the parts. Make an inquiry about a rush order.
3. Specifications may be subject to change without notice.
4. Parts marked with  and  are critical for safety.
5. To maintain 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



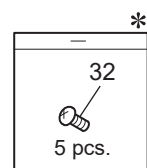
Abbreviation	Description
PC screw	Cross recess flat head machine screw
PRC screw	Cross recess oval head machine screw
PP screw	Cross recess pan head machine screw
SW · PP screw	Cross recess pan head screw with spring washer
PPT screw	Cross recess tapping screw
PCT screw	Cross recess flat head tapping 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



## &lt;Standard screws&gt;

Symbol	Screw name
a	PTT screw 4x8
b	PTT screw 4x14
c	PT screw 4x8
d	PPT screw 4x10
e	PPT screw 3x10



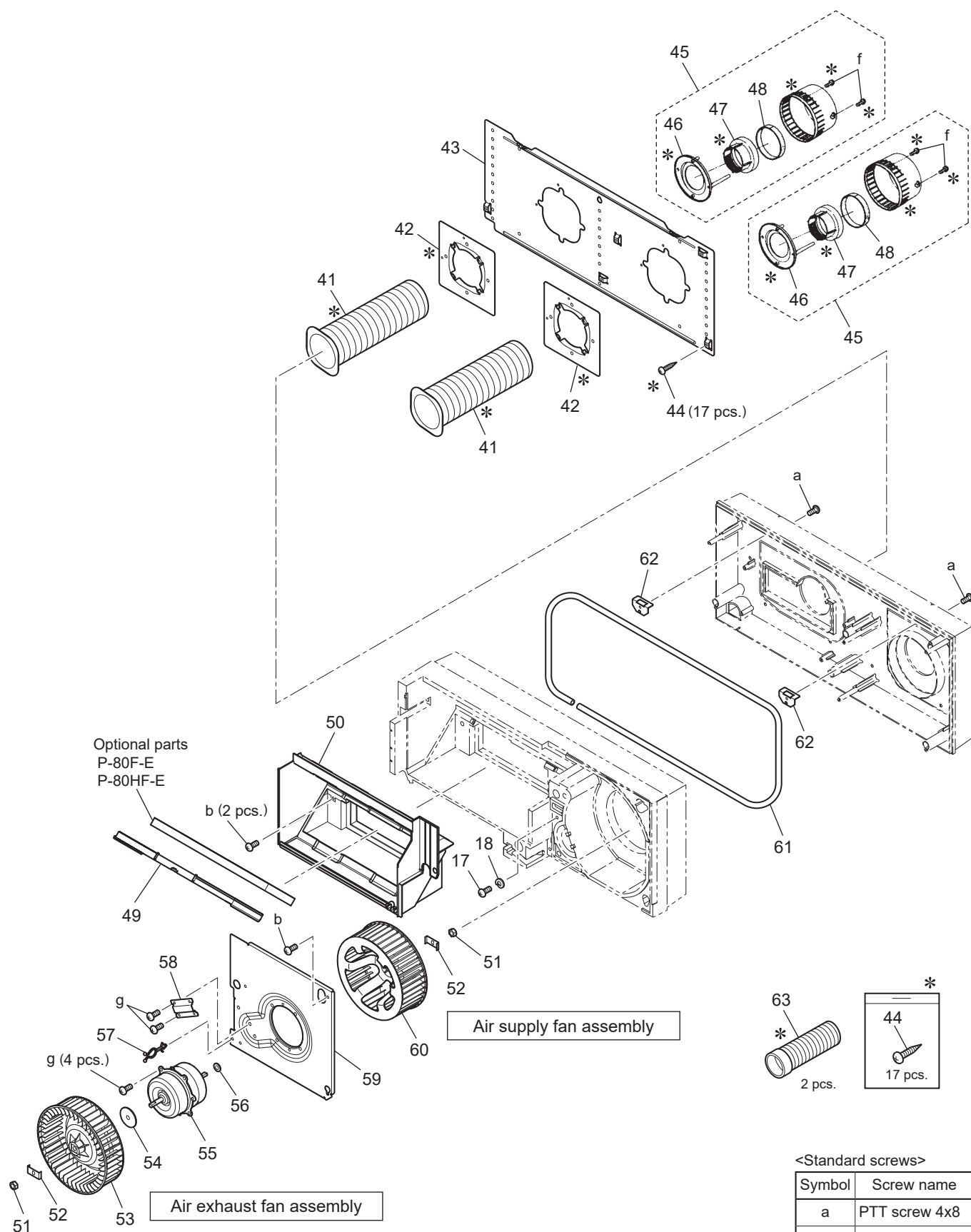
\* shows accessory parts.

## Structural parts

### VL-80U5-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
1	Front panel	W36 001 719	1		
2	Air flow cover (SA)	W36 014 836	1		
3	Air flow cover (RA)	W36 014 835	1		
4	Filter	W36 001 717	1	⚠	Exhaust air
5	Lamp cover	W36 001 708	1		
6	Neon lamp	W36 001 290	1	⚠	
7	Packing	W36 014 838	1		
8	Lossnay core	W36 014 719	1	⚠	
9	Cover	W36 001 707	1		
10	Front casing	W36 014 831	1		
11	TB case cover	W36 001 709	1		
12	TB case	W36 001 711	1		
13	Cord band	W00 000 231	1		White
14	Crimp cap	W82 003 240	6	⚠	CE1(CE-100V)
15	Cord clamber	W36 001 223	1		5P
16	Cord clamber	W36 001 224	1		3P
17	PT screw 4x8 BS	W00 000 011	3		
18	Lock washer (4)	W00 000 082	3		
19	Cord clip	W00 000 260	1		
20	Cord clip	W00 000 250	2		
21	Fuse	W36 001 280	1	⚠	1A, 250V
22	Fuse holder	W50 004 282	1		
23	Cord bush	W00 000 225	2		
24	TB fix plate	W36 001 712	1		
25	Switch	W36 001 255	1	⚠	With the pull cord
26	Insulation plate	W36 001 201	1	⚠	
27	Capacitor case	W82 003 653	1		
28	Capacitor	W36 001 283	1	⚠	4.0μF, 250VAC
29	Capacitor cover	W82 003 652	1		
30	Capacitor	W36 001 284	1	⚠	1.5μF, 250VAC
31	Power cord	W36 001 220	1	⚠	3200mm
32	PTT screw 4x45	W36 014 007	5		

# Fan parts



\* shows accessory parts.

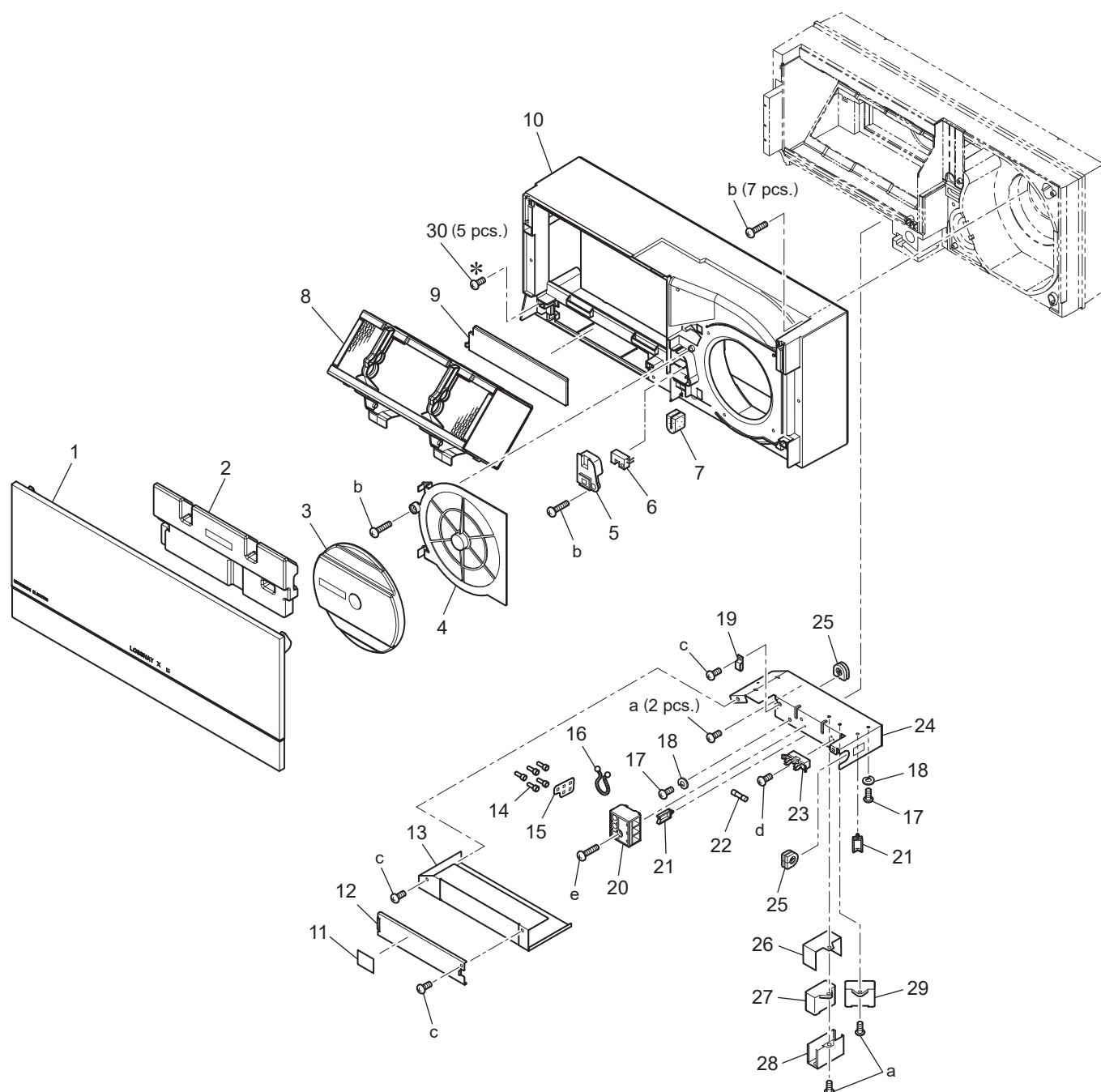


## Fan parts

VL-80U5-E

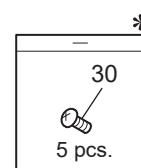
No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
41	Wall pipe	W36 001 731	2		
42	Pipe mounting plate	W36 014 834	2		
43	Mounting plate	W36 014 837	1		
44	Spl screw 3.5x32	W00 000 048	17		
45	Weather cover	W36 001 720	2		
46	Flange	W36 001 715	2		
47	Flange nut	W36 001 303	2		
48	Packing	W36 001 718	2		
49	Filter frame	W36 014 833	1		
50	Lossnay core box	W36 014 832	1		
51	Special nut (M8)	W00 000 069	2		
52	Tab washer	W00 000 079	2		
53	Centrifugal fan	W36 001 480	1	⚠	Dia. 170mm
54	Special washer (8)	W00 000 156	1		Outer dia. 40mm
55	Motor	W36 001 453	1	⚠	
56	Special washer (8)	W00 000 148	1		Outer dia. 16mm
57	Cord clamber	W00 000 255	1		
58	Lead cover	W36 001 704	1		
59	Motor fix plate	W36 014 830	1		
60	Centrifugal fan	W36 001 481	1	⚠	Dia. 170mm
61	Silicone tube	W36 014 388	1		
62	Mounting piece	W36 001 345	2		
63	Pipe	W36 001 721	2		

## Structural parts



## &lt;Standard screws&gt;

Symbol	Screw name
a	PTT screw 4x8
b	PTT screw 4x14
c	PT screw 4x8
d	PPT screw 3x10
e	PPT screw 3x20



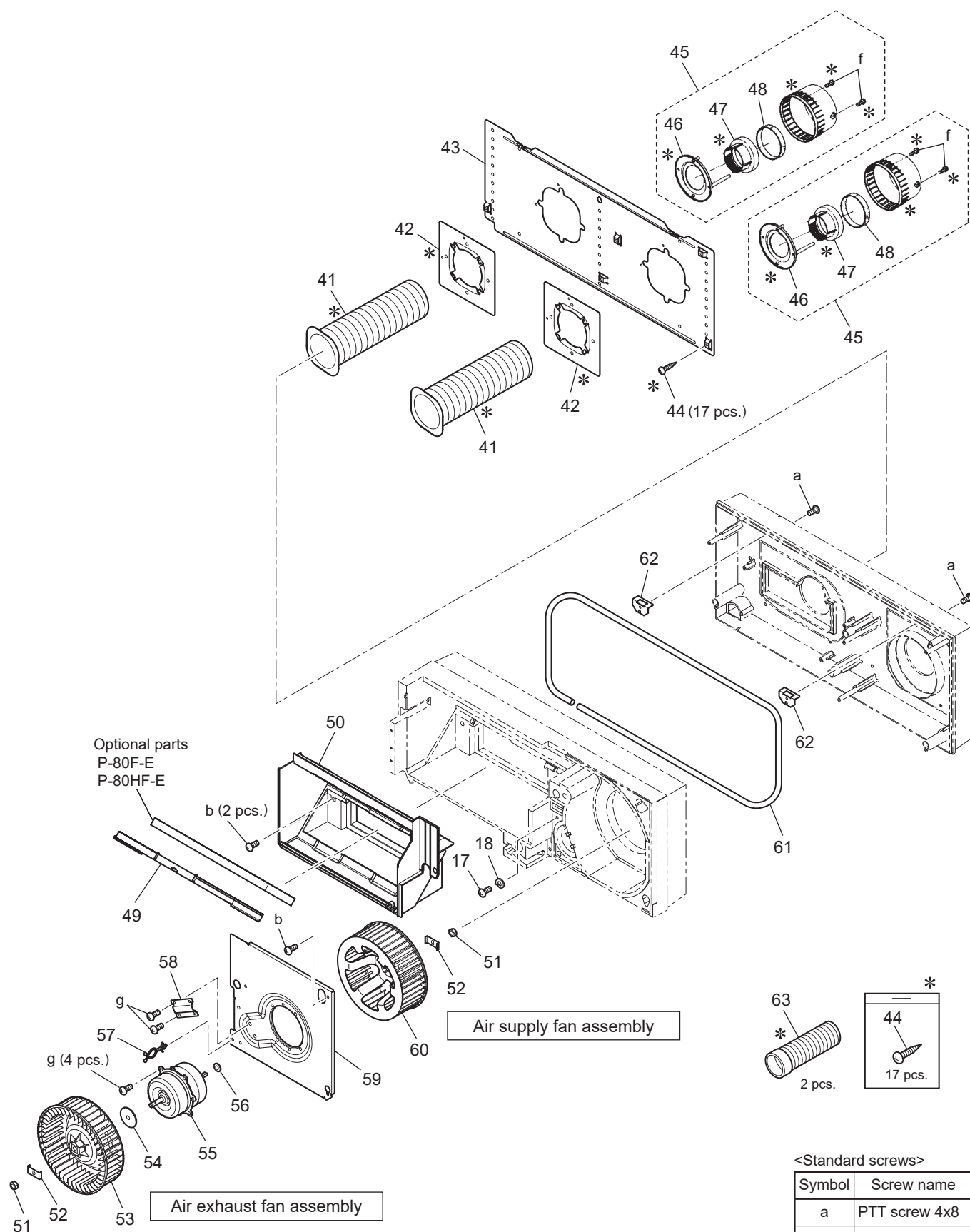
\* shows accessory parts.

## Structural parts

### VL-80EU5-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
1	Front panel	W36 001 719	1		
2	Air flow cover (SA)	W36 014 836	1		
3	Air flow cover (RA)	W36 014 835	1		
4	Filter	W36 001 717	1	△	Exhaust air
5	Lamp cover	W36 001 708	1		
6	Neon lamp	W36 001 290	1	△	
7	Packing	W36 014 838	1		
8	Lossnay core	W36 014 719	1	△	
9	Cover	W36 001 707	1		
10	Front casing	W36 014 831	1		
11	Wiring diagram	W36 014 357	1		
12	TB case cover	W36 001 709	1		
13	TB case	W36 001 730	1		
14	Crimp cap	W82 003 240	5	△	CE1(CE-100V)
15	Cord clamber	W36 001 223	1		5P
16	Cord band	W00 000 231	1		White
17	PT screw 4x8 BS	W00 000 011	3		
18	Lock washer (4)	W00 000 082	3		
19	Cord clip	W00 000 233	1		
20	Terminal block	W36 001 242	1	△	3P
21	Cord clip	W00 000 250	2		
22	Fuse	W36 001 280	1	△	1A, 250V
23	Fuse holder	W50 004 282	1		
24	TB fix plate	W36 001 732	1		
25	Cord bush	W00 000 225	2		
26	Capacitor case	W82 003 653	1		
27	Capacitor	W36 001 283	1	△	4.0μF, 250VAC
28	Capacitor cover	W82 003 652	1		
29	Capacitor	W36 001 284	1	△	1.5μF, 250VAC
30	PTT screw 4x45	W36 014 007	5		

# Fan parts



## Fan parts

VL-80EU5-E

No.	Name of part	Parts No.	Q'ty pcs/unit	Critical for safety	Remarks
41	Wall pipe	W36 001 731	2		
42	Pipe mounting plate	W36 014 834	2		
43	Mounting plate	W36 014 837	1		
44	Spl screw 3.5x32	W00 000 048	17		
45	Weather cover	W36 001 720	2		
46	Flange	W36 001 715	2		
47	Flange nut	W36 001 303	2		
48	Packing	W36 001 718	2		
49	Filter frame	W36 014 833	1		
50	Lossnay core box	W36 014 832	1		
51	Special nut (M8)	W00 000 069	2		
52	Tab washer	W00 000 079	2		
53	Centrifugal fan	W36 001 480	1	⚠	Dia. 170mm
54	Special washer (8)	W00 000 156	1		Outer dia. 40mm
55	Motor	W36 001 453	1	⚠	
56	Special washer (8)	W00 000 148	1		Outer dia. 16mm
57	Cord clasper	W00 000 255	1		
58	Lead cover	W36 001 704	1		
59	Motor fix plate	W36 014 830	1		
60	Centrifugal fan	W36 001 481	1	⚠	Dia. 170mm
61	Silicone tube	W36 014 388	1		
62	Mounting piece	W36 001 345	2		
63	Pipe	W36 001 721	2		