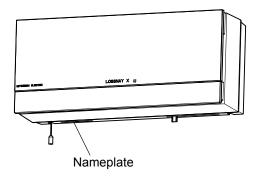
LOSSNAY HANDBOOK

Model: VL-100U5-E

VL-100EU5-E



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

MITSUBISHI ELECTRIC CORPORATION

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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 incorrectly are described with the warning symbols shown below.

Warning

Incorrect handling of the product may result in serious injury or death.

Turn off the power supply

Electric shock

If you must inspect the circuitry while the power is on, do not touch the live parts.

(Failure to heed this warning may result in electric shock.)

repair.

circuit breaker before disassembling the unit for

Be sure to unplug the power cord, or shut off the

(Failure to heed this warning may result in electric shock.)

Be sure to follow

Modification is prohibited

Do not modify the unit.

(Failure to heed this warning may result in electric shock, fire and/or injury.)



Caution against

electric shock

Use proper parts and tools

For repair, be sure to use the parts listed in the service parts list of the applicable model and use the proper tools.

(Failure to heed this warning may result in electric shock, fire and/or injury.)

Be sure to follow this instruction.

Proper electric work

Use the electric wires designated for electric work, and conduct electric work in accordance with the "Electric Installation Engineering Standard", the "Indoor Wiring Regulations" and the installation instructions.

(Improper connection or wiring installation may result in electric shock and/or fire.)

Replace damaged and/or degraded parts

Be sure to replace the power cord and lead wires if they are damaged and/or degraded.

(Failure to heed this warning may result in electric shock and/or fire.)

this instruction.

Check insulation

Upon completing repair work, always measure the insulation resistance. Verify that it is at least 10 $M\Omega$ (with a 500 V DC insulation resistance tester), and then turn on the power.

(Inadequate insulation may result in electric shock.)

Be sure to follow



Incorrect handling of the product may result in injury or damage to properties including buildings and equipment.

○ Caution for injury

Do not work at a location where you do not have a sure footing.

(Failure to heed this caution may result in

♦ Wear gloves

Wear gloves when servicing.

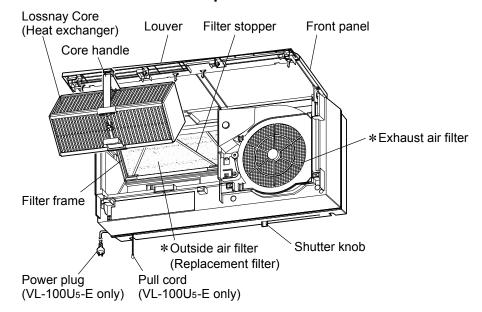
(Failure to heed this caution may result in injury to your hands from sharp metal or other edges.)



Request for repair

- Inspect the grounding, and repair it if it is incomplete. Make sure that a power supply isolator or an overload protection device is installed, if it is not installed, recommend the dealer to install one.
- 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



* About the filters

| | | | Features |
|--|---|------------------|---|
| Exhaust air filter | | Exhaust air side | The filter prevents clogging of the internal parts. |
| Outside air filter (Replacement filter) | (P-100F ₅ -E: Optional parts) | Silinniv air | 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.

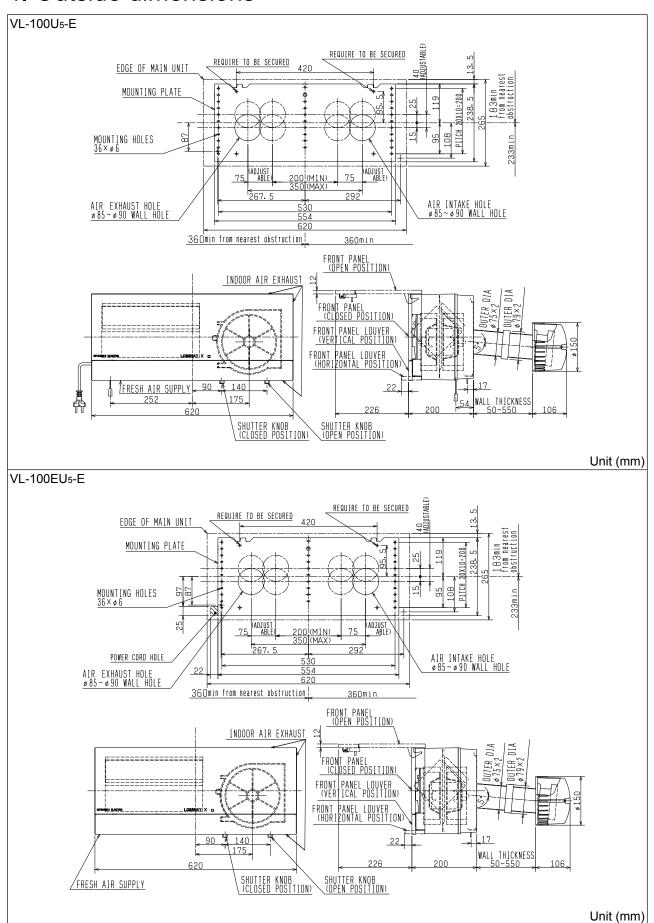
| High performance filter (Optional parts) | (P-100HF5-E) | Supply air | The filter collects dust more efficiently than the outside air filter. Note: When using the high performance filter, install it in the filter frame without using the filter stopper. |
|--|--------------|------------|--|
|--|--------------|------------|--|

3. Specifications

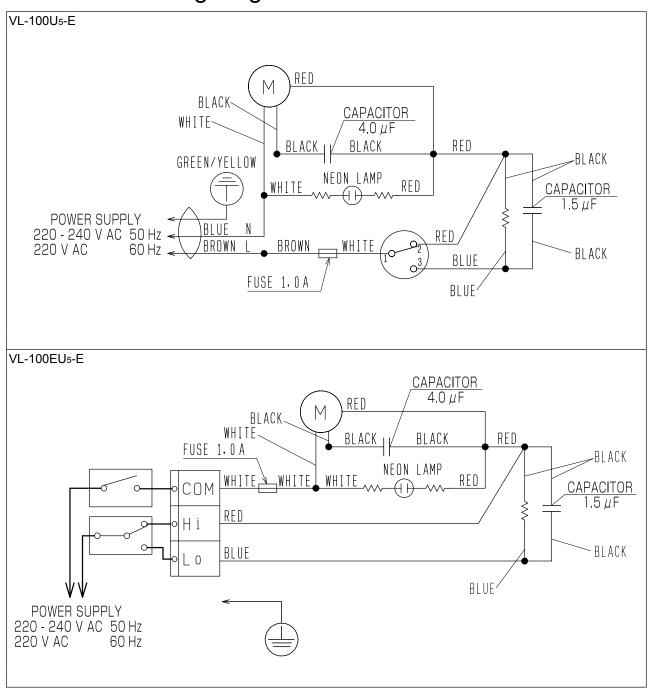
| | Power supply | | | Power con- | Air volume | Temperature | Sound level | Weight | |
|-------------|-------------------|----------------|-------|-----------------|------------|----------------------------|-------------|--------|-----|
| Model | Frequency (Hz) | Voltage (V) | Notch | sumption (W) | (m³/h) | exchange efficiency (%) | (dB) | (kg) | |
| | | 220 | Hi | 30 | 100 | 73 | 36.5 | | |
| | 50 | 220 | Lo | 13 | 55 | 80 | 24 | | |
| | | 50 230 | Hi | 31 | 105 | 73 | 37 | | |
| VL-100U₅-E | | | Lo | 15 | 60 | 80 | 25 | 7.5 | |
| VL-100EU5-E | | | 240 | Hi | 34 | 106 | 72 | 38 | 7.5 |
| | | | | Lo | 17 | 61 | 79 | 27 | |
| | 60 | 60 220 Hi | Hi | 34 | 103 | 73 | 38 | | |
| | 60 | | Lo | 17 | 57 | 80 | 25 | | |

^{*} The testing methods are based on Japanese Industrial Standard B 8628.

4. Outside dimensions



5. Electrical wiring diagrams



6. Troubleshooting

- Work precautions
- When servicing, be sure to recreate the malfunction two or three times before starting repairs.
- · When servicing, always keep proper footing.
- When servicing, always unplug the power cord from the outlet, or turn off the circuit breaker. Sufficient care must be taken to avoid electric shock or injury.
- · Always connect the power wires properly.

(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

Troubleshooting 1 Lossnay does not operate, or it stops by itself.

Check the initialization checklist from installation to operation ((2) Table 1).

Troubleshooting 2 Lossnay operates irregularly.

Check the Lossnay checklist ((2) Table 2) and Basic checklist for the major components ((2) Table 3).

(2) Checklist

Troubleshooting 1 Lossnay does not operate, or it stops by itself.

1 Initialization checklist from installation to operation (Table 1)

| No. | Error | Checkpoint | | | |
|-----|----------------------------|--|--|--|--|
| 1 | The Lossnay operation is | Check the main power connection. | | | |
| | disabled or improper. | <for vl-100u5-e=""></for> | | | |
| | Lossnay stops irregularly. | • Is the power plug connected to the power supply of rated voltage? <for vl-100eu₅-e=""></for> | | | |
| | | Is the rated voltage supplied to the terminal block?Is there a poor connection? | | | |

Troubleshooting 2 Lossnay operates irregularly.

2 Lossnay checklist (Table 2)

| No. | Error | Cause | Action |
|-----|--------------------------------------|---|---|
| 1 | The shutter | Is there any foreign matter or obstruction around the shutter? | Remove it. |
| 2 | The fan does not rotate. | Do the fan blades touch other parts? | Check for an abnormal area. Replace the parts of the abnormal area. |
| | | Is there any foreign matter around the fan? Is there something wrong with the motor? | Remove it. Check the basic checklist for the major components (Table 3). |
| 3 | An unusual noise comes from the fan. | Is there any foreign matter around the fan? Can you rotate the fan manually? Is there an odd feeling when rotating the fan? | Check around the fan. No: Replace the motor. Yes: Replace the motor. |

| No. | Error | Cause | Action |
|-----|------------------|--|--|
| 3 | An unusual | Is there something wrong with the motor? | Check the basic checklist for the major |
| | noise comes | | components (Table 3). |
| | from the fan. | | Replace the abnormal parts. |
| 4 | High/Low lamp | Is Lossnay operating at the High or Low | If the lamp does not illuminate during the |
| | does not illumi- | fan speed? | High or Low fan speed operation, replace |
| | nate. | | the neon lamp. |

③Basic 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 th | Check that the fan rotate while the rated voltage is supplied. | | | | | |
| 2 | Fuse | Check if | the fuse is blown o | ut. | | | | |
| | | If the fus | e is blown out, repl | ace the fuse | | | | |
| 3 | Switch with a pull | | the switch from the | | | sistance at the | weld for the | |
| | cord | | nection on the back | | | | | |
| | (VL-100U5-E only) | If the res | sistance differs from | the value lis | sted below, repl | ace the switch | 1. | |
| | | | Color of wires | Notch | Resist | ance | | |
| | | | White - Red | High | Approx. 0.1 Ω | (conducted) | | |
| | | | White - Blue | Low | Approx. 0.1 32 | (conducted) | | |
| 4 | Motor | Measure <for if="" measure="" minals="" o="" th="" the="" the<="" tors.="" vl-="" •=""><th colspan="6"><for vl-100u5-e=""> Measure the resistance between the pins of the power plug. <for vl-100eu5-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. If the resistance is approximately equal to the value listed below, replace the capacitors. </for></for></th></for> | <for vl-100u5-e=""> Measure the resistance between the pins of the power plug. <for vl-100eu5-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. If the resistance is approximately equal to the value listed below, replace the capacitors. </for></for> | | | | | |
| | | | Notch | R | esistance | | | |
| | | | HighApprox. 490 Ω LowApprox. 0.1 Ω | | | | | |
| | | | | | | | | |
| | | OFF (VL-100U ₅ -E only) Open | | | | | | |

7. How to call

| Symptom | Remedy |
|--|---|
| The incoming air feels cold. | 1)Stop the operation, and close the shutter.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 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). |

8. Service inspection list

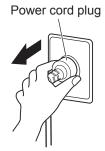
| Location | Inspection Item | Check Result |
|-----------|---|--------------|
| Electric | Are the power lead wires securely connected to the terminal block? (VL-100EU ₅ -E) | |
| wiring | Is the wiring correct? (VL-100EU5-E) | |
| | Is the main unit securely mounted? | |
| | Does Lossnay operate as described in the Operating Instructions when operating the switch? | |
| Appliance | Is the fan operating? | |
| | Does the shutter work? | |
| | Does Lossnay operate without abnormal vibration or noise? | |

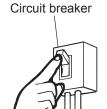
9. Overhauling procedures

- Work precautions
- Before replacing parts, follow the instructions described in the troubleshooting.
- · When servicing, always keep proper footing.
- When servicing, always unplug the power cord from the outlet, or turn off the circuit breaker. Sufficient care must be taken to avoid electric shock or injury.
- · Always connect the power wires properly.
- After completing repairs, verify that the product operates properly.
- · Always wear gloves when servicing.

(1) Turning power off

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

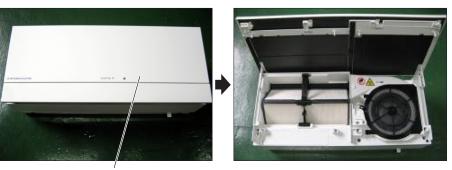




(2) Power lead wires to the terminal block

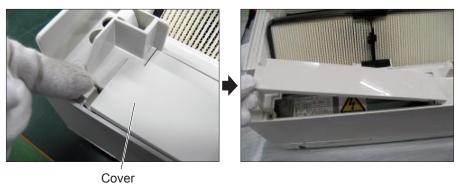
For VL-100EU₅-E

①Open the front panel.

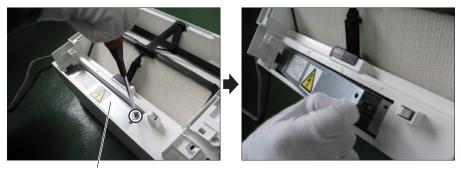


Front panel

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



③Unscrew the terminal block (TB) case cover clamping screw (one PT screw 4 × 8, indicated by O), and remove the TB case cover.



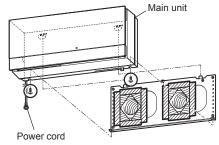
TB case cover

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



(3) Main unit

- ①Unscrew the main unit clamping screws (two black PTT screws 4 × 8, indicated by O).
- 2 Slightly lift the main unit, and then take it down.



*The illustration shows VL-100U5-E.

(4) Front panel

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

Precaution

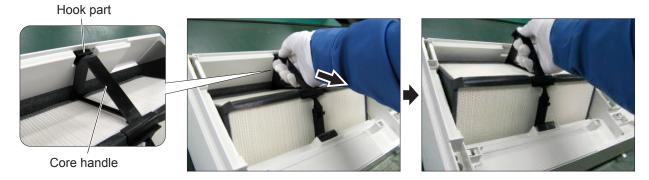
Pay attention not to damage the front surface of the removed panel.

Front panel



(5) Lossnay core

• Hold the core handle, and pull it out in the direction of the arrow while holding down the hook part.



<Reassembly procedure>

• When installing the Lossnay core, first fit the lower part of the core handle (indicated by "a") into "b" position of the front casing, and then hook the ledge of the core handle to the concave portion of the front casing (indicated by □).



Reassembly precaution Check that both edges of the Lossnay core (indicated by \bigcirc) are securely fitted.



(6) Front casing

①Unscrew the screws (six PTT screws 4 × 14, indicated by O).



Front casing

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



Lamp cover

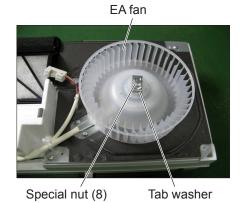
- ③Remove the neon lamp from the front casing.
- 4) Pass the neon lamp through the hole of the front casing, and then remove the front casing.



Neon lamp Hole of the front casing

(7) Air exhaust (EA) fan

①Remove the special nut (8) and tab washer, and then remove the EA fan.

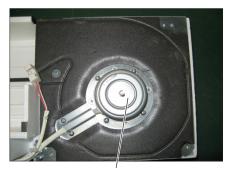


②Remove the special (spl) washer (40 mm in outer diameter).

Reassembly precaution

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

Incorrect installation may cause unusual noise.



Spl washer

(8) Air supply (SA) fan

①Unscrew the motor fix plate clamping screw (one PTT screw 4 × 14, indicated by O).

Motor fix plate

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

SA fan

Special nut (8)

Tab washer

4 Remove the special (spl) washer (8) (16 mm in outer diameter).

Reassembly precaution

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

Incorrect installation may cause unusual noise.



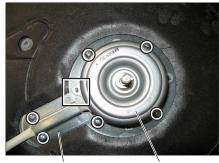
Spl washer (8)

(9) Motor

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

Reassembly precaution

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



Lead cover

Motor

(10) Terminal block case (TB case)

①Unscrew the TB case clamping screw (one PT screw 4 × 8, indicated by O), and remove the TB case.



TB case

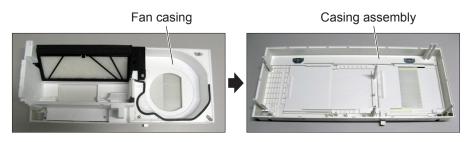
②Unscrew the TB fix plate clamping screws (two PTT screws 4 × 8, indicated by O), and remove the TB fix plate.



TB fix plate

(11) Fan casing

• Remove the fan casing (made of styrene foam).



* 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

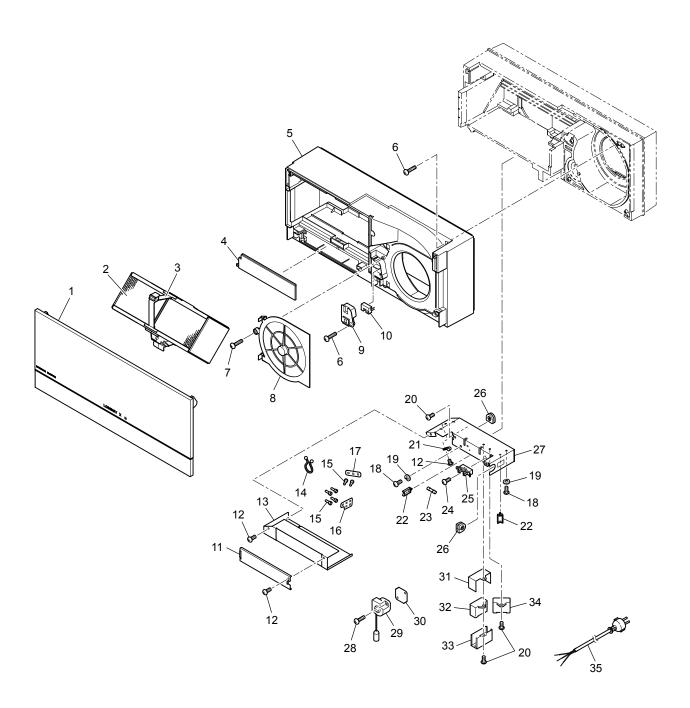
Please note the following when using the parts catalog.

- 1. When ordering parts, always indicate the part number, part name, and the number of parts required.
- 2. Parts are not always available, and it may take time for you to receive them.
- 3. There may be specification improvements.
- 4. Parts marked △ are critical for safety. To maintain safety and performance, always replace these parts with the parts prescribed.

Description of screw abbreviations

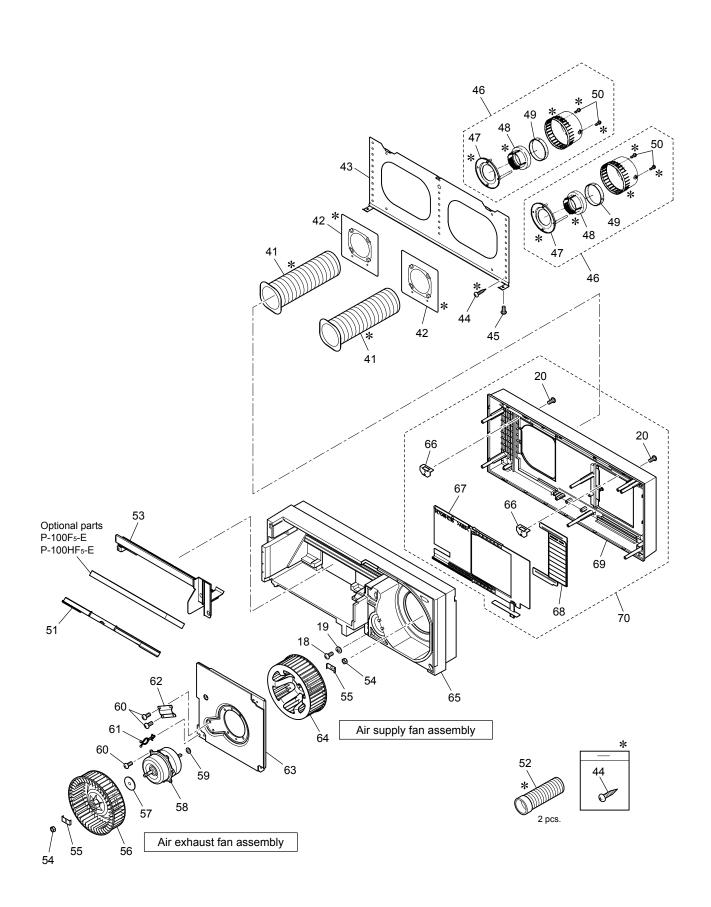


| Abbreviation | Description |
|---------------------|--|
| PC screw | Cross recess flat head machine screw |
| PRC screw | Cross recess oval head machine screw |
| PP screw | Cross recess pan head machine screw |
| SW · PP screw | Cross recess pan head screw with spring washer |
| PPT screw | Cross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



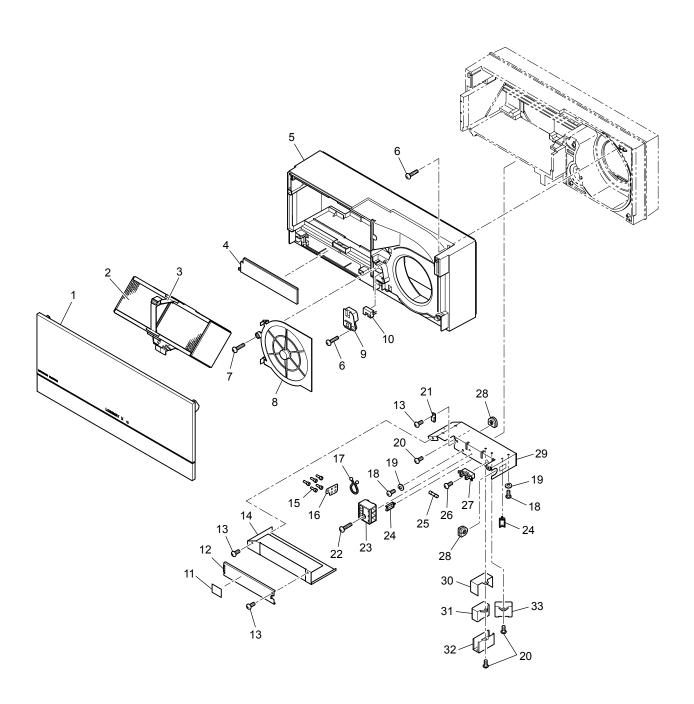
VL-100U5-E

| No. | Name of part | Parts No. | Q'ty pcs/unit | Critical for safety | Remarks |
|-----|-----------------|-------------|------------------|---------------------------|------------------|
| 1 | Front panel | Y36 004 721 | 1 | | |
| 2 | Lossnay core | Y36 004 723 | 1 | Δ | |
| 3 | Core handle | Y36 004 722 | 1 | | |
| 4 | Cover | Y36 004 709 | 1 | | |
| 5 | Front casing | Y36 004 707 | 1 | | |
| 6 | PTT screw 4×14 | H00 000 333 | 8 | | |
| 7 | PTT screw 4×10 | M32 013 027 | 1 | | |
| 8 | Filter | Y36 004 717 | 1 | \triangle | |
| 9 | Lamp cover | Y36 004 711 | 1 | | |
| 10 | Neon lamp | Y36 004 290 | 1 | \triangle | |
| 11 | TB case cover | Y36 004 710 | 1 | | |
| 12 | PT screw 4×8 | H00 000 349 | 3 | | |
| 13 | TB case | Y36 004 708 | 1 | | |
| 14 | Cord band | K83 170 228 | 1 | | White |
| 15 | Crimp cap | K82 181 240 | 6 | \triangle | CE1(CE-100V) |
| 16 | Cord clamper | M35 855 223 | 1 | | |
| 17 | Cord clamper | M35 830 223 | 1 | | |
| 18 | PT screw 4×8 BS | H00 011 008 | 3 | | |
| 19 | Spg. washer (4) | H00 056 075 | 3 | | |
| 20 | PTT screw 4×8 | H00 000 487 | 6 | | |
| 21 | Cord clip | X31 981 223 | 1 | | |
| 22 | Cord clip | D40 094 227 | 2 | | |
| 23 | Fuse | Y36 004 280 | 1 | \triangle | 1A·250V |
| 24 | PPT screw 3×10 | H00 000 676 | 1 | | |
| 25 | Fuse holder | Y55 001 281 | 1 | | |
| 26 | Cord bush | M45 649 226 | 2 | | |
| 27 | TB fix plate | Y36 004 712 | 1 | | |
| 28 | PPT screw 4×10 | H00 000 471 | 1 | | |
| 29 | Switch | Y36 004 255 | 1 | \triangle | With a pull cord |
| 30 | Insulator sheet | M34 279 201 | 1 | \triangle | |
| 31 | Capacitor case | M35 768 653 | 1 | | |
| 32 | Capacitor | M34 203 283 | 1 | \triangle | 4.0μF·220VAC |
| 33 | Capacitor cover | M35 275 652 | 1 | | |
| 34 | Capacitor | Y81 016 284 | 1 | \triangle | 1.5µF⋅440VAC |
| 35 | Power cord | Y36 004 220 | 1 | 1 | 3200mm |



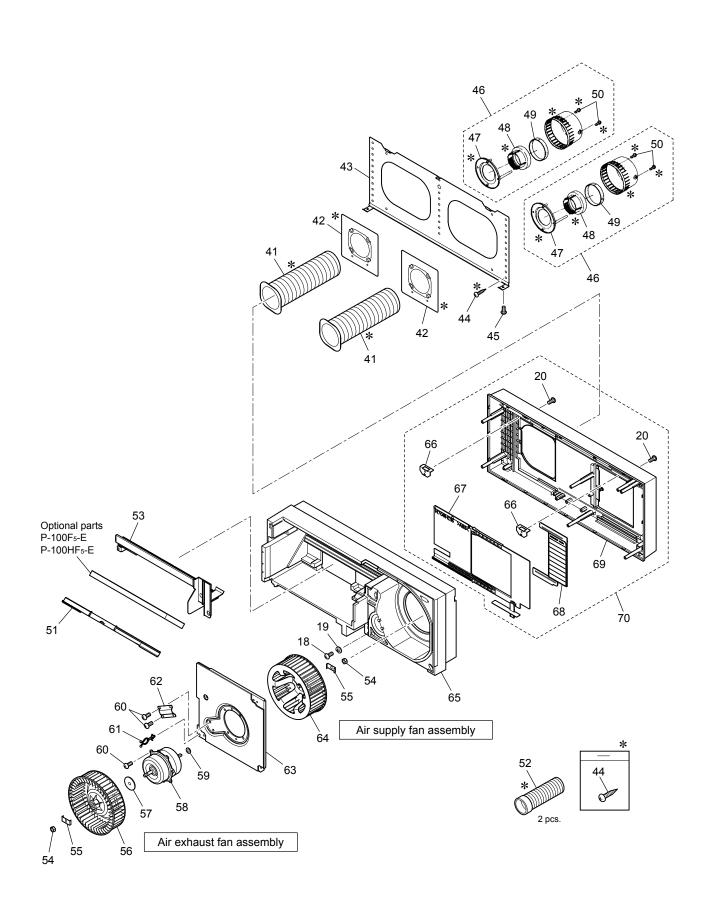
VL-100U5-E

| No. | Name of part | Parts No. | Q'ty pcs/unit | Critical for safety | Remarks |
|-----|-----------------|-------------|------------------|---------------------------|------------------|
| 41 | Wall pipe | M36 091 731 | 2 | | |
| 42 | Pipe fix plate | M36 293 707 | 2 | | |
| 43 | Fix plate | M36 100 709 | 1 | | |
| 44 | Spl scr 3.5×32 | M34 863 045 | 9 | | |
| 45 | PTT screw 4×8 | M45 502 095 | 2 | | Black |
| 46 | Weather cover | M36 099 707 | 2 | | |
| 47 | Flange | M36 099 708 | 2 | | |
| 48 | Flange nut | M34 231 303 | 2 | | |
| 49 | Packing | M34 519 718 | 2 | | |
| 50 | PTT screw 4×12 | D41 037 008 | 4 | | SUS |
| 51 | Filter stopper | Y36 004 714 | 1 | | |
| 52 | Pipe | Y36 004 706 | 2 | | |
| 53 | Filter frame | Y36 004 713 | 1 | | |
| 54 | Special nut (8) | X31 267 067 | 2 | | |
| 55 | Tab washer | M36 130 077 | 2 | | |
| 56 | Centrifugal fan | M36 265 480 | 1 | 1 | φ170 |
| 57 | Spl washer | M36 265 080 | 1 | | φ40 (outer dia.) |
| 58 | Motor | Y36 004 453 | 1 | 1 | |
| 59 | Spl washer (8) | M34 365 080 | 1 | | φ16 (outer dia.) |
| 60 | PTT screw 4×10 | H00 000 332 | 6 | | |
| 61 | Cord clamper | R50 062 223 | 1 | | |
| 62 | Lead cover | M36 169 712 | 1 | | |
| 63 | Motor fix plate | Y36 004 715 | 1 | | |
| 64 | Centrifugal fan | Y36 004 480 | 1 | 1 | φ170 |
| 65 | Fan casing | Y36 004 724 | 1 | | |
| 66 | Mounting piece | M34 709 345 | 2 | | |
| 67 | Shutter | Y36 004 719 | 1 | | |
| 68 | Shutter | Y36 004 720 | 1 | | |
| 69 | Casing | Y36 004 716 | 1 | | |
| 70 | Casing assembly | Y36 004 725 | 1 | | With shutters |



VL-100EU5-E

| No. | Name of part | Parts No. | Q'ty pcs/unit | Critical for safety | Remarks |
|-----|-----------------|-------------|------------------|---------------------------|--------------|
| 1 | Front panel | Y36 004 721 | 1 | | |
| 2 | Lossnay core | Y36 004 723 | 1 | 1 | |
| 3 | Core handle | Y36 004 722 | 1 | | |
| 4 | Cover | Y36 004 709 | 1 | | |
| 5 | Front casing | Y36 004 707 | 1 | | |
| 6 | PTT screw 4×14 | H00 000 333 | 8 | | |
| 7 | PTT screw 4×10 | M32 013 027 | 1 | | |
| 8 | Filter | Y36 004 717 | 1 | 1 | |
| 9 | Lamp cover | Y36 004 711 | 1 | | |
| 10 | Neon lamp | Y36 004 290 | 1 | 1 | |
| 11 | Wiring diagram | Y36 005 357 | 1 | | |
| 12 | TB case cover | Y36 004 710 | 1 | | |
| 13 | PT screw 4×8 | H00 000 349 | 3 | | |
| 14 | TB case | Y36 005 706 | 1 | | |
| 15 | Crimp cap | K82 181 240 | 5 | 1 | CE1(CE-100V) |
| 16 | Cord clamper | M35 855 223 | 1 | | |
| 17 | Cord band | K83 170 228 | 1 | | White |
| 18 | PT screw 4×8 BS | H00 011 008 | 3 | | |
| 19 | Spg. washer (4) | H00 056 075 | 3 | | |
| 20 | PTT screw 4×8 | H00 000 487 | 6 | | |
| 21 | Cord clip | D40 134 227 | 1 | | |
| 22 | PPT screw 3×20 | H00 005 005 | 1 | | |
| 23 | Terminal block | Y36 005 242 | 1 | 1 | 3P |
| 24 | Cord clip | D40 094 227 | 2 | | |
| 25 | Fuse | Y36 004 280 | 1 | 1 | 1A·250V |
| 26 | PPT screw 3×10 | H00 000 676 | 1 | | |
| 27 | Fuse holder | Y55 001 281 | 1 | | |
| 28 | Cord bush | M45 649 226 | 2 | | |
| 29 | TB fix plate | Y36 005 707 | 1 | | |
| 30 | Capacitor case | M35 768 653 | 1 | | |
| 31 | Capacitor | M34 203 283 | 1 | 1 | 4.0μF·220VAC |
| 32 | Capacitor cover | M35 275 652 | 1 | | |
| 33 | Capacitor | Y81 016 284 | 1 | 1 | 1.5μF·440VAC |



VL-100EU5-E

| No. | Name of part | Parts No. | Q'ty pcs/unit | Critical for safety | Remarks |
|-----|-----------------|-------------|------------------|---------------------------|------------------|
| 41 | Wall pipe | M36 091 731 | 2 | | |
| 42 | Pipe fix plate | M36 293 707 | 2 | | |
| 43 | Fix plate | M36 100 709 | 1 | | |
| 44 | Spl scr 3.5×32 | M34 863 045 | 9 | | |
| 45 | PTT screw 4×8 | M45 502 095 | 2 | | Black |
| 46 | Weather cover | M36 099 707 | 2 | | |
| 47 | Flange | M36 099 708 | 2 | | |
| 48 | Flange nut | M34 231 303 | 2 | | |
| 49 | Packing | M34 519 718 | 2 | | |
| 50 | PTT screw 4×12 | D41 037 008 | 4 | | SUS |
| 51 | Filter stopper | Y36 004 714 | 1 | | |
| 52 | Pipe | Y36 004 706 | 2 | | |
| 53 | Filter frame | Y36 004 713 | 1 | | |
| 54 | Special nut (8) | X31 267 067 | 2 | | |
| 55 | Tab washer | M36 130 077 | 2 | | |
| 56 | Centrifugal fan | M36 265 480 | 1 | 1 | φ170 |
| 57 | Spl washer | M36 265 080 | 1 | | φ40 (outer dia.) |
| 58 | Motor | Y36 004 453 | 1 | 1 | |
| 59 | Spl washer (8) | M34 365 080 | 1 | | φ16 (outer dia.) |
| 60 | PTT screw 4×10 | H00 000 332 | 6 | | |
| 61 | Cord clamper | R50 062 223 | 1 | | |
| 62 | Lead cover | M36 169 712 | 1 | | |
| 63 | Motor fix plate | Y36 004 715 | 1 | | |
| 64 | Centrifugal fan | Y36 004 480 | 1 | 1 | φ170 |
| 65 | Fan casing | Y36 004 724 | 1 | | |
| 66 | Mounting piece | M34 709 345 | 2 | | |
| 67 | Shutter | Y36 004 719 | 1 | | |
| 68 | Shutter | Y36 004 720 | 1 | | |
| 69 | Casing | Y36 004 716 | 1 | | |
| 70 | Casing assembly | Y36 004 725 | 1 | | With shutters |