

**Revision B:**

• MFZ-KJ25VE-~~E2~~, -~~ER2~~, MFZ-KJ35VE-~~E2~~, -~~ER2~~  
and MFZ-KJ50VE-~~ER1~~ have been added.

Please void OBB666 REVISED EDITION-A.

# INDOOR UNIT PARTS CATALOG

**No. OBB666  
REVISED EDITION-B**

## Models

**MFZ-KJ25VE** - **E1**

**MFZ-KJ25VE** - **E2** , **ER2**

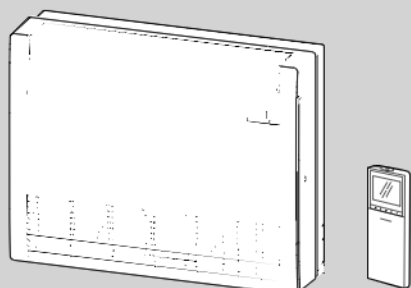
**MFZ-KJ35VE** - **E1**

**MFZ-KJ35VE** - **E2** , **ER2**

**MFZ-KJ50VE** - **E1** , **ER1**

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**NOTE:**

RoHS compliant products have <G> mark on the spec name plate.



## Revision A:

- MFZ-KJ50VE- [E1] has been added.

## Revision B:

- MFZ-KJ25VE- [E2], -[ER2], MFZ-KJ35VE- [E2], -[ER2] and MFZ-KJ50VE- [ER1] have been added.

# 1

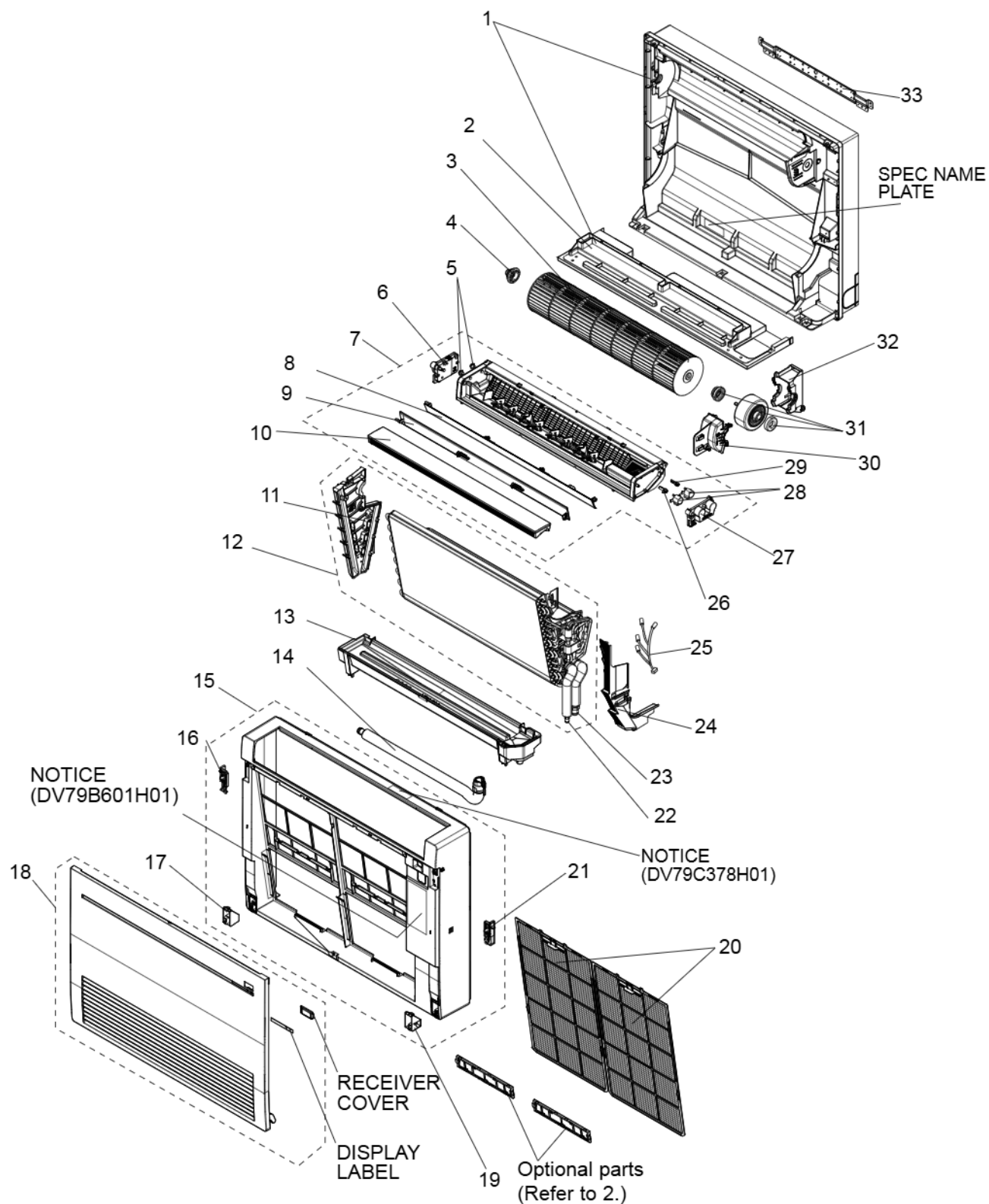
## RoHS PARTS LIST

MFZ-KJ25VE

MFZ-KJ35VE

MFZ-KJ50VE

### 1-1. INDOOR UNIT STRUCTURAL PARTS, HEAT EXCHANGER AND FUNCTIONAL PARTS



# RoHS PARTS LIST

## 1-1. INDOOR UNIT STRUCTURAL PARTS, HEAT EXCHANGER AND FUNCTIONAL PARTS

| No. | RoHS | Part No.    | Part name                  | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |    |     |       |    |     |       |     |                                                  | Remarks |
|-----|------|-------------|----------------------------|--------------------------------|-----------|----|-----|-------|----|-----|-------|-----|--------------------------------------------------|---------|
|     |      |             |                            |                                | MFZ-KJ    |    |     |       |    |     |       |     |                                                  |         |
|     |      |             |                            |                                | 25VE-     |    |     | 35VE- |    |     | 50VE- |     |                                                  |         |
|     |      |             |                            |                                | E1        | E2 | ER2 | E1    | E2 | ER2 | E1    | ER1 |                                                  |         |
| 1   | G    | M21 EAM 234 | BOX ASSEMBLY               |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | Including base<br>Without spec<br>name plate     |         |
| 2   | G    | —           | BASE                       |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | SQ25A544G01                                      |         |
| 3   | G    | M21 EAA 302 | LINE FLOW FAN ASSEMBLY     |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 4   | G    | M21 N8L 509 | BEARING ASSEMBLY           |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 5   | G    | M21 EA5 071 | VANE SLEEVE                |                                | 2         | 2  | 2   | 2     | 2  | 2   | 2     | 2   |                                                  |         |
| 6   | G    | M21 EA4 306 | MULTI-FLOW VANE MOTOR UNIT | MV3                            | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 7   | G    | M21 EAC 235 | NOZZLE ASSEMBLY            |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 8   | G    | M21 EAA 040 | HORIZONTAL VANE (BACK)     |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 9   | G    | M21 EA9 040 | HORIZONTAL VANE (FRONT)    |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 10  | G    | M21 EA8 040 | MULTI-FLOW VANE            |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 11  | G    | —           | HAIRPIN HOLDER ASSEMBLY    |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DQ00T279G02                                      |         |
| 12  | G    | M21 EE3 620 | INDOOR HEAT EXCHANGER      |                                | 1         | 1  | 1   | 1     | 1  | 1   |       |     |                                                  |         |
|     | G    | M21 EE4 620 | INDOOR HEAT EXCHANGER      |                                |           |    |     |       |    |     | 1     | 1   |                                                  |         |
| 13  | G    | M21 EA3 700 | DRAIN PAN ASSEMBLY         |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 14  | G    | M21 7K1 703 | DRAIN HOSE ASSEMBLY        |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 15  | G    | M21 EAT 000 | PANEL ASSEMBLY             |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | Including notice                                 |         |
| 16  | G    | M21 EA0 099 | HOOK (LEFT) ASSEMBLY       |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 17  | G    | M21 EA8 039 | ARM HOLDER (LEFT)          |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 18  | G    | M21 EAU 010 | FRONT PANEL                |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | Including receiver<br>cover and display<br>label |         |
| 19  | G    | M21 EA9 039 | ARM HOLDER (RIGHT)         |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 20  | G    | M21 EAH 100 | NANO PLATINUM FILTER       |                                | 2         | 2  | 2   | 2     | 2  | 2   | 2     | 2   |                                                  |         |
| 21  | G    | M21 EA1 099 | HOOK (RIGHT) ASSEMBLY      |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 22  | G    | M21 L3V 664 | UNION (LIQ)                |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | φ6.35                                            |         |
| 23  | G    | M21 L3V 663 | UNION (GAS)                |                                | 1         | 1  | 1   | 1     | 1  | 1   |       |     | φ9.52                                            |         |
|     | G    | M21 L5V 663 | UNION (GAS)                |                                |           |    |     |       |    |     | 1     | 1   | φ12.7                                            |         |
| 24  | G    | —           | WATER COVER                |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DQ00T288G02                                      |         |
| 25  | G    | M21 EA9 305 | INDOOR COIL THERMISTOR     | RT12,RT13,<br>RT14,RT15        | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 26  | G    | M21 EA5 049 | VANE MOTOR SHAFT (FRONT)   |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 27  | G    | M21 EA1 506 | VANE MOTOR SUPPORT         |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 28  | G    | M21 EA5 306 | VANE MOTOR                 | MV1, MV2                       | 2         | 2  | 2   | 2     | 2  | 2   | 2     | 2   |                                                  |         |
| 29  | G    | M21 EA6 049 | VANE MOTOR SHAFT (BACK)    |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 30  | G    | M21 EA3 023 | MOTOR BAND                 |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 31  | G    | M21 EAL 300 | INDOOR FAN MOTOR ASSEMBLY  | MF                             | 1         | 1  | 1   | 1     | 1  | 1   |       |     | RC0J30-□□                                        |         |
|     | G    | M21 EAM 300 | INDOOR FAN MOTOR ASSEMBLY  | MF                             |           |    |     |       |    |     | 1     | 1   | RC0J40-□□                                        |         |
| 32  | G    | M21 EA3 791 | MOTOR BED                  |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |
| 33  | G    | T2W L3V 233 | BACK PLATE                 |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                  |         |

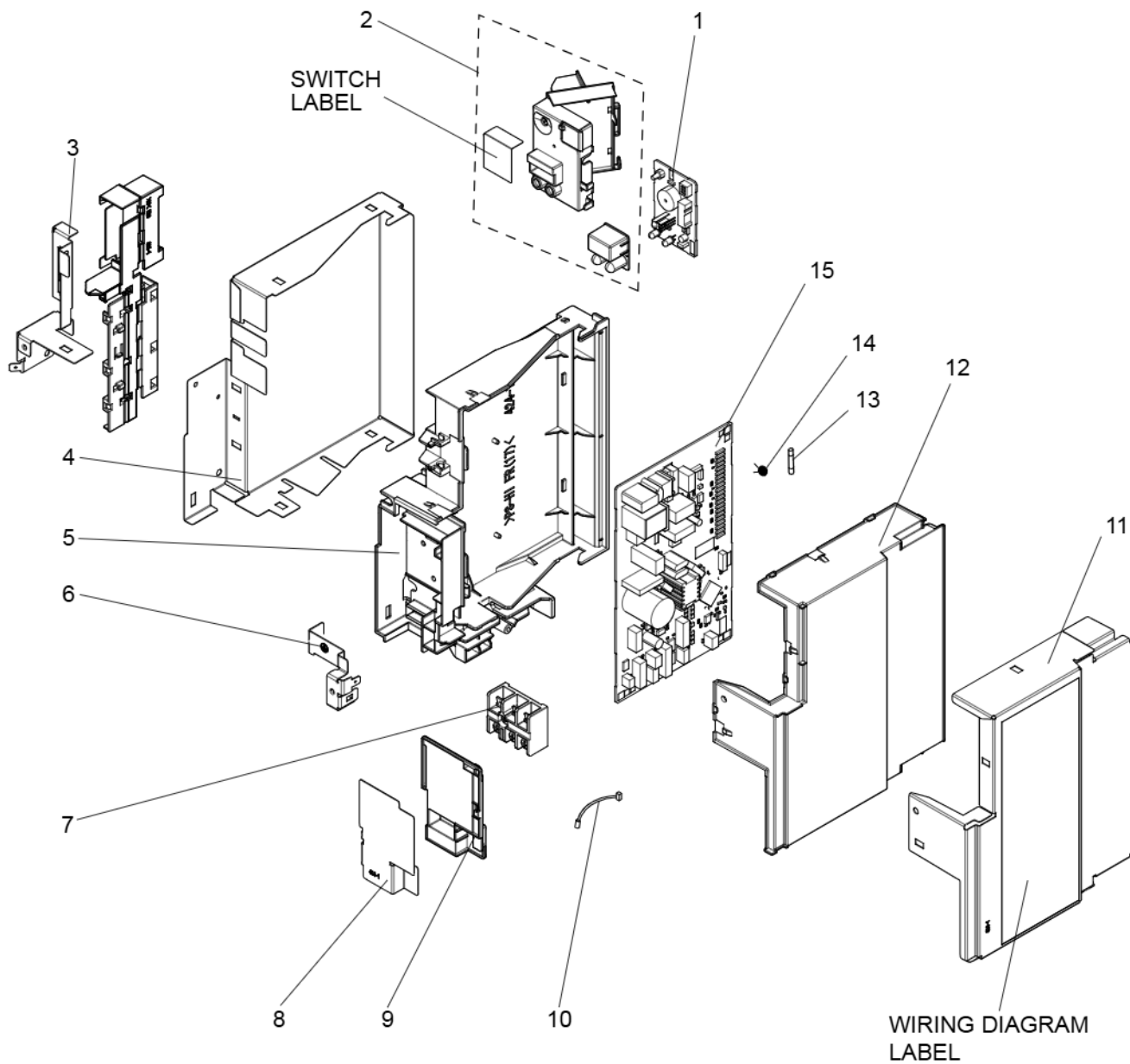
# RoHS PARTS LIST

MFZ-KJ25VE

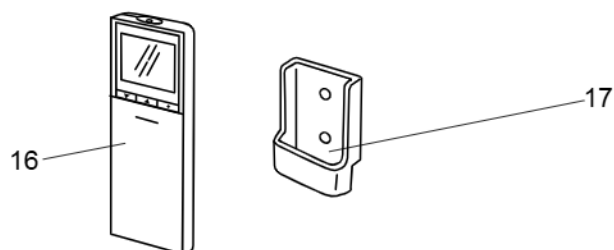
MFZ-KJ35VE

MFZ-KJ50VE

## 1-2. INDOOR UNIT ELECTRICAL PARTS



## 1-3. ACCESSORY AND REMOTE CONTROLLER



# RoHS PARTS LIST

## 1-2. INDOOR UNIT ELECTRICAL PARTS

| No. | RoHS | Part No.    | Part name                     | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |    |     |       |    |     |       |     |                                                | Remarks |
|-----|------|-------------|-------------------------------|--------------------------------|-----------|----|-----|-------|----|-----|-------|-----|------------------------------------------------|---------|
|     |      |             |                               |                                | MFZ-KJ    |    |     |       |    |     |       |     |                                                |         |
|     |      |             |                               |                                | 25VE-     |    |     | 35VE- |    |     | 50VE- |     |                                                |         |
|     |      |             |                               |                                | E1        | E2 | ER2 | E1    | E2 | ER2 | E1    | ER1 |                                                |         |
| 1   | G    | T2W EA7 328 | DISPLAY RECEIVER P.C. BOARD   |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                |         |
| 2   | G    | M21 EA7 012 | SWITCH HOLDER SET             |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | Including<br>switch label                      |         |
| 3   | G    | —           | TB COVER                      |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DY02B654G01                                    |         |
| 4   | G    | —           | PB COVER LEFT                 |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DY02A632G01                                    |         |
| 5   | G    | —           | PB BOX                        |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DY25A631G05                                    |         |
| 6   | G    | —           | EARTH PLATE                   |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DY02B655G02                                    |         |
| 7   | G    | M21 EA3 376 | TERMINAL BLOCK                | TB                             | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                |         |
| 8   | G    | —           | VA CLAMP COVER                |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DK02B679G01                                    |         |
| 9   | G    | —           | VA CLAMP                      |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DK25B680G03                                    |         |
| 10  | G    | M21 EAA 305 | ROOM TEMPERATURE THERMISTOR   | RT11                           | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                |         |
| 11  | G    | —           | PB COVER RIGHT                |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DK02A696G01<br>Without wiring<br>diagram label |         |
| 12  | G    | —           | PB COVER                      |                                | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | DK25A695G01                                    |         |
| 13  | G    | T2W L3V 382 | FUSE                          | F11                            | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   | T3.15AL250V                                    |         |
| 14  | G    | M21 9K1 313 | VARISTOR                      | NR11                           | 1         | 1  | 1   | 1     | 1  | 1   | 1     | 1   |                                                |         |
| 15  | G    | T2W EJG 450 | ELECTRONIC CONTROL P.C. BOARD |                                | 1         |    |     |       |    |     |       |     |                                                |         |
|     | G    | T2W EK4 450 | ELECTRONIC CONTROL P.C. BOARD |                                |           | 1  | 1   |       |    |     |       |     |                                                |         |
|     | G    | T2W EJH 450 | ELECTRONIC CONTROL P.C. BOARD |                                |           |    |     | 1     |    |     |       |     |                                                |         |
|     | G    | T2W EK5 450 | ELECTRONIC CONTROL P.C. BOARD |                                |           |    |     |       | 1  | 1   |       |     |                                                |         |
|     | G    | T2W EJJ 450 | ELECTRONIC CONTROL P.C. BOARD |                                |           |    |     |       |    |     | 1     | 1   |                                                |         |

## 1-3. ACCESSORY AND REMOTE CONTROLLER

|    |   |             |                          |  |   |   |   |   |   |   |   |   |   |       |
|----|---|-------------|--------------------------|--|---|---|---|---|---|---|---|---|---|-------|
| 16 | G | T2W ECD 426 | REMOTE CONTROLLER        |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | SG132 |
| 17 | G | T2W 9K1 083 | REMOTE CONTROLLER HOLDER |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |       |

## AIR CLEANING FILTER (ANTI-ALLERGY ENZYME FILTER)

Every 3 months:

- Remove dirt by a vacuum cleaner.

When dirt cannot be removed by vacuum cleaning:

- Soak the filter and its frame in lukewarm water before rinsing it.  
(Diluted mild detergents can be used when dirt cannot be removed.)
- After washing, dry it well in shade.

Every year:

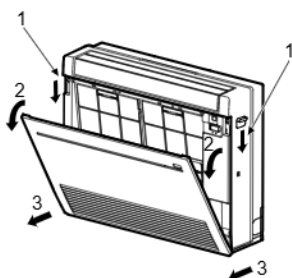
- Replace it with a new air cleaning filter for best performance.

| Model               | Part No.    |
|---------------------|-------------|
| MFZ-KJ25VE- E1      | MAC-408FT-E |
| MFZ-KJ25VE- E2, ER2 |             |
| MFZ-KJ35VE- E1      |             |
| MFZ-KJ35VE- E2, ER2 |             |
| MFZ-KJ50VE- E1, ER1 |             |

### Replacement of the air cleaning filter

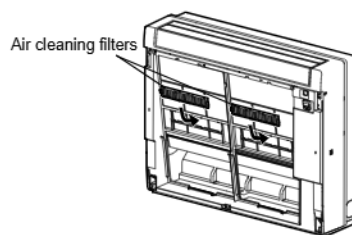
(1) Remove the front panel.

1. Push down the tab on the both sides of the unit to open the front panel.
2. Pull the front panel toward you to remove it.
3. Open the front panel completely and remove it.

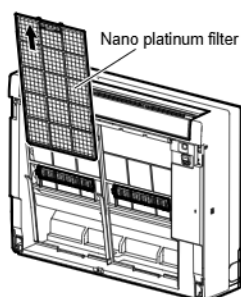


(3) Replace the air cleaning filter.

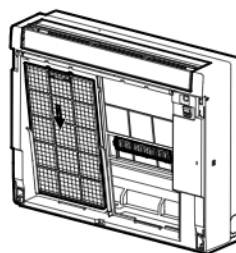
Fix the filter with the tabs securely.



(2) Remove the nano platinum filter.



(4) Install the nano platinum filter.



(5) Securely close the front panel.

Install the front panel by the removal procedure in reverse. Refer to (1) 1-3.

# MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN