

**Revision D:**

• Some descriptions have been changed.

OBB960 REVISED EDITION-C is void.

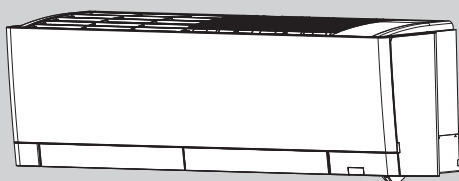
## INDOOR UNIT

**No. OBB960**  
REVISED EDITION-D

# PARTS CATALOG

## Models

|                   |                           |
|-------------------|---------------------------|
| <b>MSZ-FX06NL</b> | - <b>CA1</b> , <b>CA2</b> |
| <b>MSZ-FX09NL</b> | - <b>CA1</b> , <b>CA2</b> |
| <b>MSZ-FX12NL</b> | - <b>CA1</b> , <b>CA2</b> |
| <b>MSZ-FX15NL</b> | - <b>CA1</b> , <b>CA2</b> |
| <b>MSZ-FX18NL</b> | - <b>CA1</b> , <b>CA2</b> |
| <b>MSZ-FX24NL</b> | - <b>CA1</b> , <b>CA2</b> |



## CONTENTS

|                             |    |
|-----------------------------|----|
| 1. SERVICE PARTS LIST ..... | 2  |
| 2. OPTIONAL PARTS .....     | 15 |

**SERVICE MANUAL (OBH960)**

### Revision A:

• Some part numbers have been changed.

### Revision B:

• MSZ-FX06/09/12/15/18/24NL - [CA2] have been added.

### Revision C:

Some descriptions have been corrected.

### Revision D:

• Some descriptions have been changed.

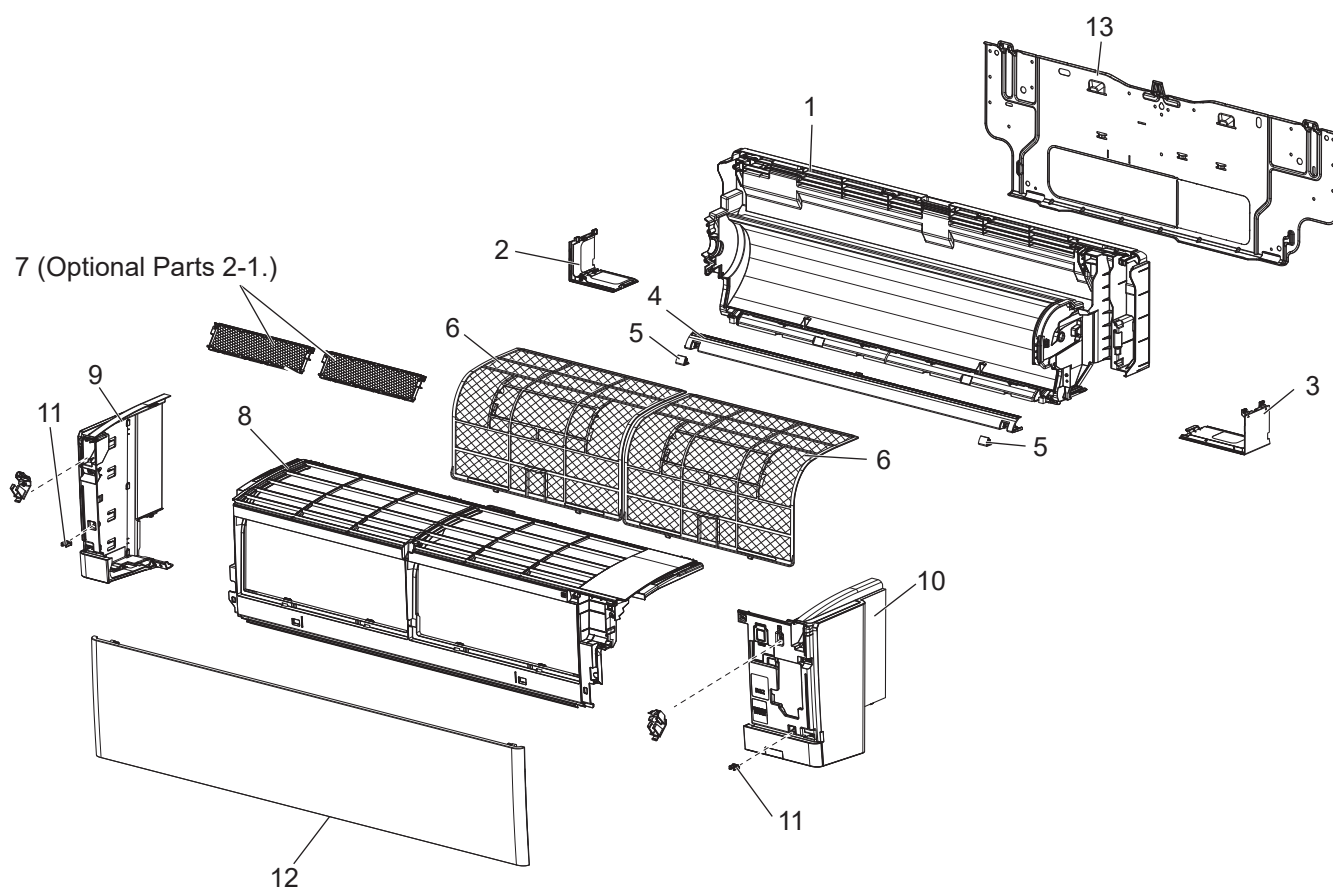
## 1

## SERVICE PARTS LIST

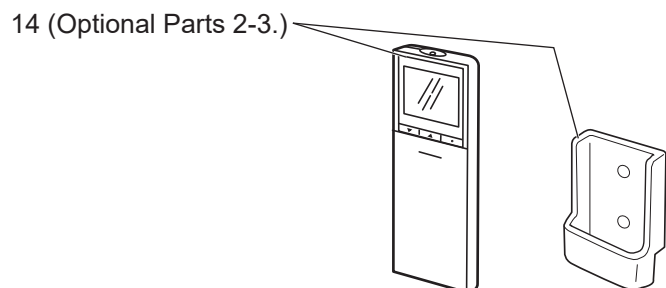
MSZ-FX06NL-[CA1] MSZ-FX09NL-[CA1] MSZ-FX12NL-[CA1]

MSZ-FX15NL-[CA1] MSZ-FX18NL-[CA1] MSZ-FX24NL-[CA1]

### 1-1. INDOOR UNIT STRUCTURAL PARTS



### 1-2. ACCESSORY AND REMOTE CONTROLLER



## 1-1. INDOOR UNIT STRUCTURAL PARTS

1. The part quantity below indicates the required number of pieces per unit.

| No. | Part No.    | Part Name                                                                                      | MSZ-FX06NL - CA1 | MSZ-FX09NL - CA1 | MSZ-FX12NL - CA1 | MSZ-FX15NL - CA1 | MSZ-FX18NL - CA1 | MSZ-FX24NL - CA1 | Symbol in Wiring Diagram | Remarks                                    |
|-----|-------------|------------------------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|--------------------------------------------|
| 1   | E22 9J7 234 | BOX ASSEMBLY                                                                                   | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                            |
| 2   | E22 61V 976 | CORNER BOX (L)                                                                                 | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                            |
| 3   | E22 61V 975 | CORNER BOX (R)                                                                                 | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                            |
| 4   | E22 69R 717 | PANEL (U)                                                                                      | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                            |
| 5   | E22 9J7 067 | SCREW CAP ASSEMBLY                                                                             | 2                | 2                | 2                | 2                | 2                | 2                |                          | 2 PCS/SET                                  |
| 6   | E22 61V 100 | AIR FILTER                                                                                     | 2                | 2                | 2                | 2                | 2                | 2                |                          | 1 PC/SET                                   |
| 7   | —           | AIR CLEANING FILTER (ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER / MICROPARTICLE CATCHING FILTER) | 1                | 1                | 1                | 1                | 1                | 1                |                          | 1 PC/SET<br>MAC-2420FT-E<br>MAC-EMF415FT-E |
| 8   | E22 0K9 000 | PANEL ASSEMBLY (F)                                                                             | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                            |
| 9   | E22 6H7 086 | PANEL ASSEMBLY (L)                                                                             | 1                | 1                | 1                | 1                | 1                | 1                |                          | Includes CATCH                             |
| 10  | E22 0K9 085 | PANEL ASSEMBLY (R)                                                                             | 1                | 1                | 1                | 1                | 1                | 1                |                          | Includes CATCH                             |
| 11  | E22 F95 142 | CATCH                                                                                          | 2                | 2                | 2                | 2                | 2                | 2                |                          | 2 PCS/SET                                  |
| 12  | E22 6H7 010 | FRONT PANEL                                                                                    | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                            |
| 13  | E22 7C3 970 | INSTALLATION PLATE                                                                             | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                            |

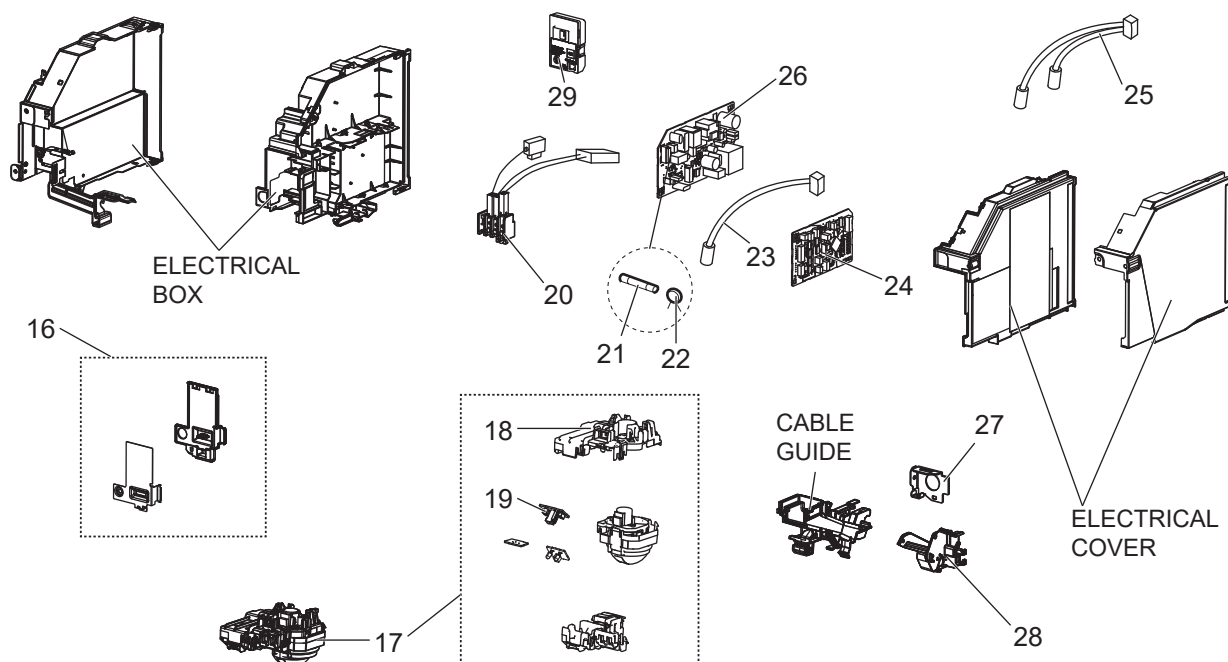
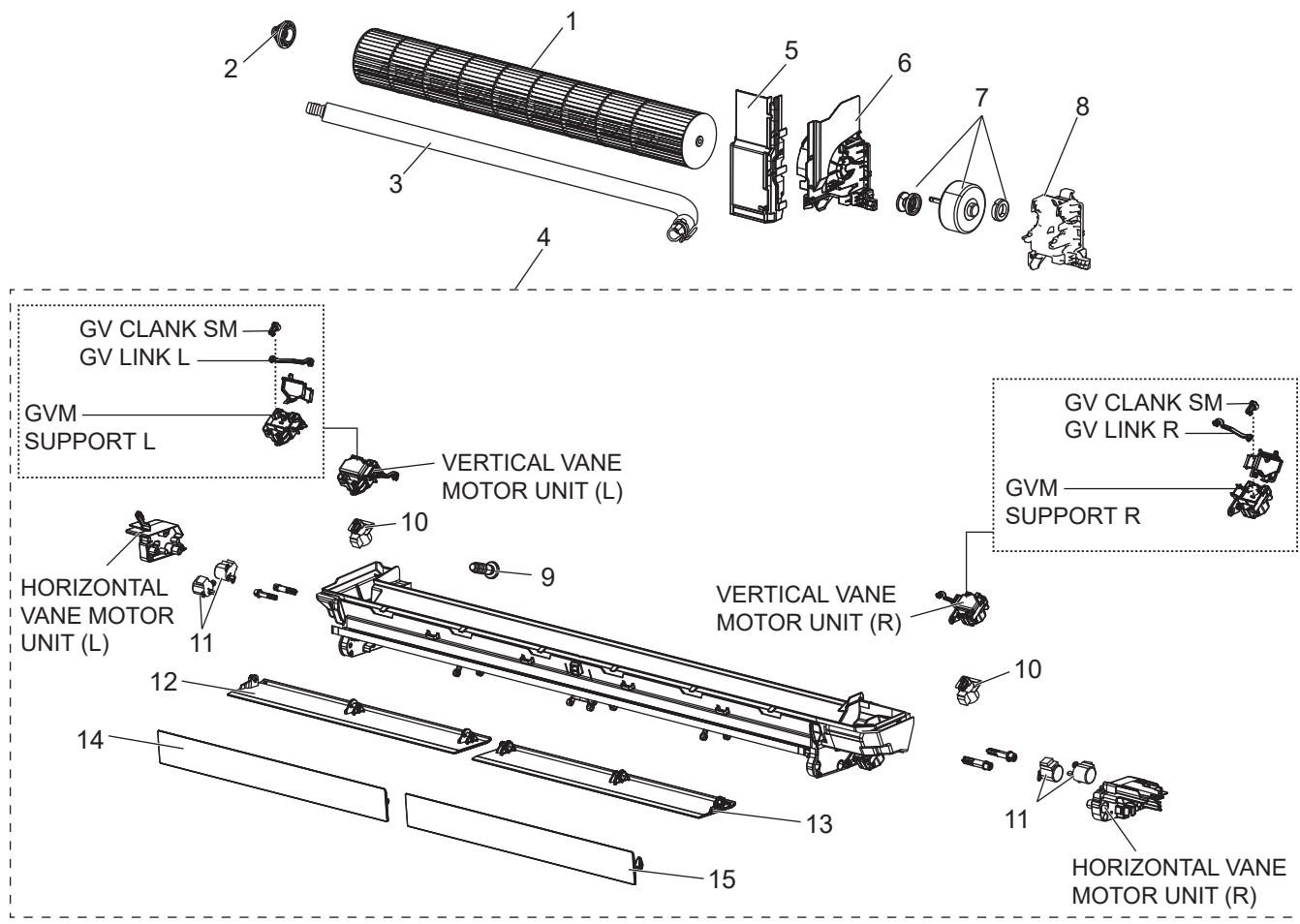
## 1-2. ACCESSORY AND REMOTE CONTROLLER

1. The part quantity below indicates the required number of pieces per unit.

| No. | Part No. | Part Name         | MSZ-FX06NL - CA1 | MSZ-FX09NL - CA1 | MSZ-FX12NL - CA1 | MSZ-FX15NL - CA1 | MSZ-FX18NL - CA1 | MSZ-FX24NL - CA1 | Symbol in Wiring Diagram | Remarks                                                                                                              |
|-----|----------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------|
| 14  | —        | REMOTE CONTROLLER | 1                | 1                | 1                | 1                | 1                | 1                |                          | optional part :<br>SH24T MAC-FL110M-E (English)<br>SH24AB MAC-FL210M-E (French)<br>Includes REMOTE CONTROLLER HOLDER |

MSZ-FX06NL-CA1 MSZ-FX09NL-CA1 MSZ-FX12NL-CA1  
MSZ-FX15NL-CA1 MSZ-FX18NL-CA1 MSZ-FX24NL-CA1

### 1-3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



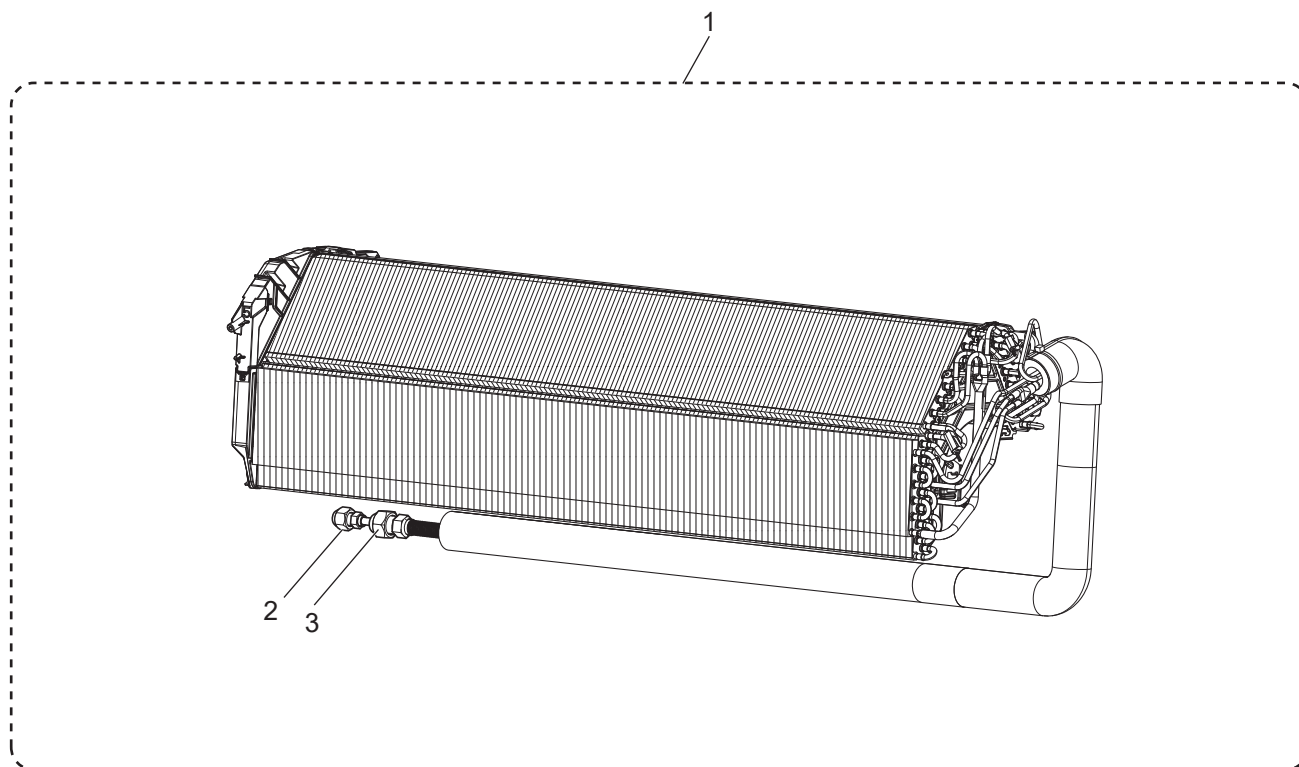
### 1-3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

1. The part quantity below indicates the required number of pieces per unit.

| No. | Part No.    | Part Name                              | MSZ-FX06NL - [CAT] | MSZ-FX09NL - [CAT] | MSZ-FX12NL - [CAT] | MSZ-FX15NL - [CAT] | MSZ-FX18NL - [CAT] | MSZ-FX24NL - [CAT] | Symbol in Wiring Diagram | Remarks                                                            |
|-----|-------------|----------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|--------------------------------------------------------------------|
| 1   | E22 69R 302 | LINE FLOW FAN                          | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 2   | E22 A89 509 | BEARING MOUNT ASSEMBLY                 | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 3   | E22 T20 702 | DRAIN HOSE                             | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 4   | E22 6H7 235 | NOZZLE ASSEMBLY                        | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          | Full assembly except drain hose                                    |
| 5   | E22 69R 541 | WATER COVER                            | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 6   | E22 69R 333 | MOTOR BAND                             | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 7   | E22 7C3 300 | INDOOR FAN MOTOR                       | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | MF                       | Includes rubber mounts RC0J40-□□                                   |
| 8   | E22 70R 333 | MOTOR BED                              | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 9   | E27 42R 705 | DRAIN CAP                              | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 10  | E22 J44 303 | VERTICAL VANE MOTOR                    | 2                  | 2                  | 2                  | 2                  | 2                  | 2                  | MV2                      |                                                                    |
| 11  | E27 103 303 | HORIZONTAL VANE MOTOR                  | 4                  | 4                  | 4                  | 4                  | 4                  | 4                  | MV1                      |                                                                    |
| 12  | E22 6H7 041 | HORIZONTAL VANE LOWER (L)              | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 13  | E22 6H8 041 | HORIZONTAL VANE LOWER (R)              | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 14  | E22 6H7 040 | HORIZONTAL VANE UPPER (L)              | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 15  | E22 6H8 040 | HORIZONTAL VANE UPPER (R)              | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 16  | E22 7C3 784 | V.A. CLAMP                             | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 17  | E22 6H7 391 | DISPLAY AND i-see SENSOR ASSEMBLY      | 1                  | 1                  | 1                  | 1                  | 1                  |                    |                          | Includes i-See Sensor, MT, DISPLAY P.C. BOARD, RECEIVER P.C. BOARD |
| 17  | E22 7H2 391 | DISPLAY AND i-see SENSOR ASSEMBLY      |                    |                    |                    |                    |                    | 1                  |                          | Includes i-See Sensor, MT, DISPLAY P.C. BOARD, RECEIVER P.C. BOARD |
| 18  | E22 6H7 095 | DISPLAY AND RECEIVER P.C. BOARD HOLDER | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 19  | E22 AU6 468 | DISPLAY AND RECEIVER P.C. BOARD        | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          | DISPLAY P.C. BOARD, RECEIVER P.C. BOARD combined type              |
| 20  | E22 7C3 375 | TERMINAL BLOCK                         | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | TB                       |                                                                    |
| 21  | E22 C67 382 | FUSE                                   | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | F11                      | T3.15AL250V                                                        |
| 22  | E22 K90 385 | VARISTOR                               | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | NR11                     |                                                                    |
| 23  | E22 69R 308 | ROOM TEMPERATURE THERMISTOR            | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | RT11                     |                                                                    |
| 24  | E22 6H7 452 | ELECTRONIC CONTROL P.C. BOARD          | 1                  |                    |                    |                    |                    |                    |                          |                                                                    |
| 24  | E22 6H8 452 | ELECTRONIC CONTROL P.C. BOARD          |                    | 1                  |                    |                    |                    |                    |                          |                                                                    |
| 24  | E22 6H9 452 | ELECTRONIC CONTROL P.C. BOARD          |                    |                    | 1                  |                    |                    |                    |                          |                                                                    |
| 24  | E22 AY3 452 | ELECTRONIC CONTROL P.C. BOARD          |                    |                    |                    | 1                  |                    |                    |                          |                                                                    |
| 24  | E22 7H1 452 | ELECTRONIC CONTROL P.C. BOARD          |                    |                    |                    |                    | 1                  |                    |                          |                                                                    |
| 24  | E22 7H2 452 | ELECTRONIC CONTROL P.C. BOARD          |                    |                    |                    |                    |                    | 1                  |                          |                                                                    |
| 25  | E22 6H7 307 | INDOOR COIL THERMISTOR                 | 1                  | 1                  | 1                  | 1                  | 1                  |                    | RT12, RT13               | Combined type                                                      |
| 25  | E22 7H2 307 | INDOOR COIL THERMISTOR                 |                    |                    |                    |                    |                    | 1                  | RT12, RT13               | Combined type                                                      |
| 26  | E22 6H7 440 | POWER P.C. BOARD                       | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 27  | E22 7C3 978 | CONDUIT PLATE                          | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 28  | E22 7C3 979 | CONDUIT COVER                          | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 29  | E22 6H7 457 | Wi-Fi ASSEMBLY                         | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          | Includes SWITCH/BUZZER P.C. BOARD                                  |

**MSZ-FX06NL-CA1 MSZ-FX09NL-CA1 MSZ-FX12NL-CA1**  
**MSZ-FX15NL-CA1 MSZ-FX18NL-CA1 MSZ-FX24NL-CA1**

#### **1-4. INDOOR UNIT HEAT EXCHANGER**



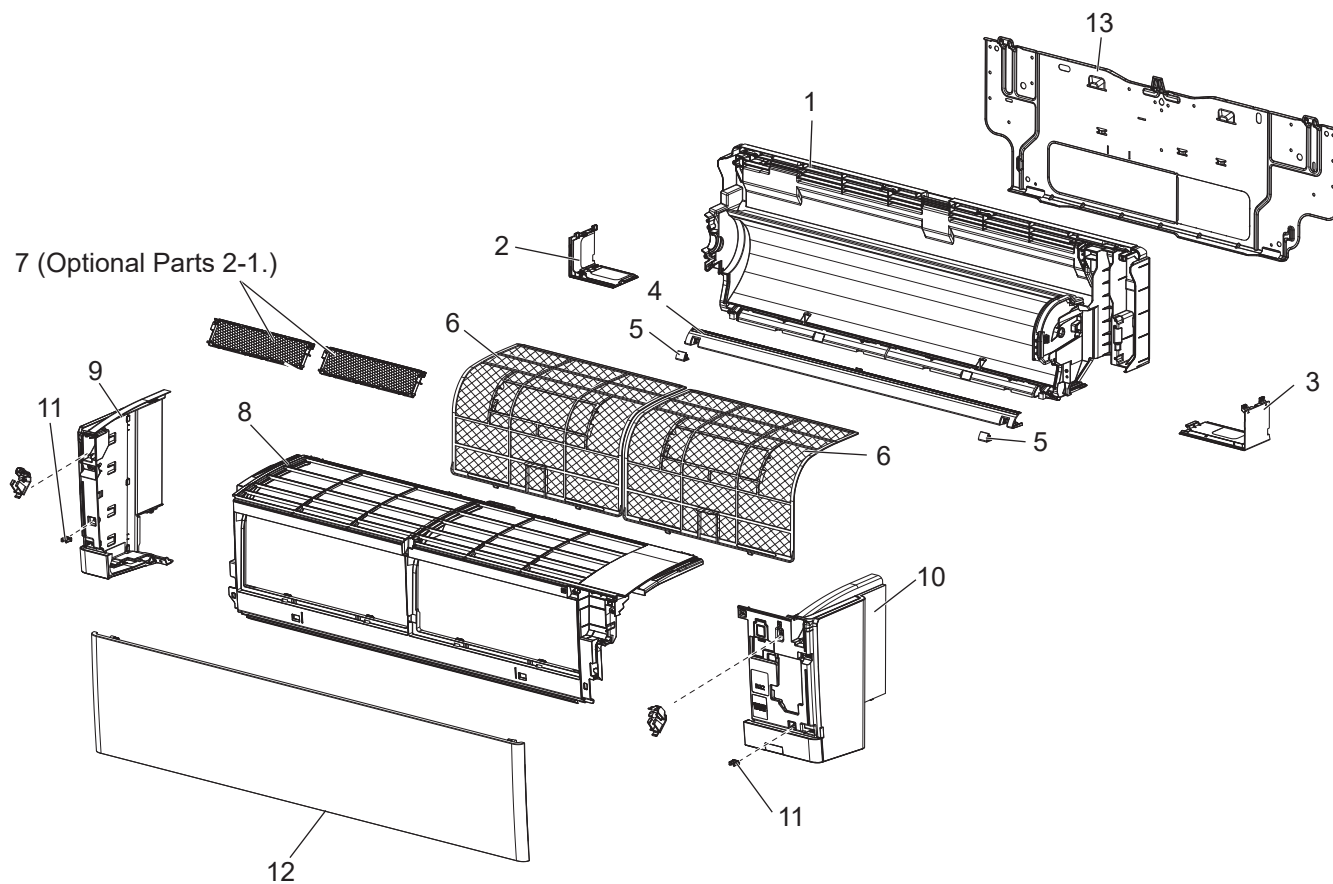
## 1-4. INDOOR UNIT HEAT EXCHANGER

1. The part quantity below indicates the required number of pieces per unit.

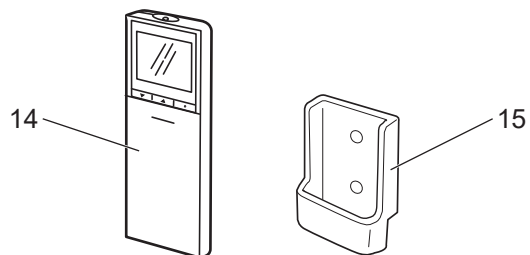
| No. | Part No.    | Part Name             | MSZ-FX06NL - CA1 | MSZ-FX09NL - CA1 | MSZ-FX12NL - CA1 | MSZ-FX15NL - CA1 | MSZ-FX18NL - CA1 | MSZ-FX24NL - CA1 | Symbol in Wiring Diagram | Remarks                |
|-----|-------------|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|------------------------|
| 1   | E22 6H7 620 | INDOOR HEAT EXCHANGER | 1                | 1                | 1                |                  |                  |                  |                          |                        |
| 1   | E22 7H0 620 | INDOOR HEAT EXCHANGER |                  |                  |                  | 1                | 1                |                  |                          |                        |
| 1   | E22 7H2 620 | INDOOR HEAT EXCHANGER |                  |                  |                  |                  |                  | 1                |                          |                        |
| 2   | E22 151 667 | UNION (LIQUID)        | 1                | 1                | 1                | 1                | 1                | 1                |                          | for liquid 1/4 (ø6.35) |
| 3   | E22 815 666 | UNION (GAS)           | 1                | 1                | 1                |                  |                  |                  |                          | for gas 3/8 (ø9.52)    |
| 3   | E22 155 666 | UNION (GAS)           |                  |                  |                  | 1                | 1                |                  |                          | for gas 1/2 (ø12.7)    |
| 3   | E22 138 666 | UNION (GAS)           |                  |                  |                  |                  |                  | 1                |                          | for gas 5/8 (ø15.88)   |

**MSZ-FX06NL-CA2 MSZ-FX09NL-CA2 MSZ-FX12NL-CA2**  
**MSZ-FX15NL-CA2 MSZ-FX18NL-CA2 MSZ-FX24NL-CA2**

### 1-5. INDOOR UNIT STRUCTURAL PARTS



### 1-6. ACCESSORY AND REMOTE CONTROLLER



## 1-5. INDOOR UNIT STRUCTURAL PARTS

1. The part quantity below indicates the required number of pieces per unit.

| No. | Part No.    | Part name                                                                                      | MSZ-FX06NL - CA2 | MSZ-FX09NL - CA2 | MSZ-FX12NL - CA2 | MSZ-FX15NL - CA2 | MSZ-FX18NL - CA2 | MSZ-FX24NL - CA2 | Symbol in Wiring Diagram | Remarks                                      |
|-----|-------------|------------------------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|----------------------------------------------|
| 1   | E22 BB1 234 | BOX ASSEMBLY                                                                                   | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                              |
| 2   | E22 61V 976 | CORNER BOX (L)                                                                                 | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                              |
| 3   | E22 61V 975 | CORNER BOX (R)                                                                                 | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                              |
| 4   | E22 69R 717 | PANEL (U)                                                                                      | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                              |
| 5   | E22 9J7 067 | SCREW CAP ASSEMBLY                                                                             | 2                | 2                | 2                | 2                | 2                | 2                |                          | 2 PCS/SET                                    |
| 6   | E22 61V 100 | AIR FILTER                                                                                     | 2                | 2                | 2                | 2                | 2                | 2                |                          | 1 PC/SET                                     |
| 7   | —           | AIR CLEANING FILTER (ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER / MICROPARTICLE CATCHING FILTER) | 1                | 1                | 1                | 1                | 1                | 1                |                          | 1 PC/SET<br>MAC-2420FT-E /<br>MAC-EMF415FT-E |
| 8   | E22 0K9 000 | PANEL ASSEMBLY (F)                                                                             | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                              |
| 9   | E22 6H7 086 | PANEL ASSEMBLY (L)                                                                             | 1                | 1                | 1                | 1                | 1                | 1                |                          | Includes CATCH                               |
| 10  | E22 AP5 085 | PANEL ASSEMBLY (R)                                                                             | 1                | 1                | 1                | 1                | 1                | 1                |                          | Includes CATCH                               |
| 11  | E22 F95 142 | CATCH                                                                                          | 2                | 2                | 2                | 2                | 2                | 2                |                          | 2 PCS/SET                                    |
| 12  | E22 6H7 010 | FRONT PANEL                                                                                    | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                              |
| 13  | E22 7C3 970 | INSTALLATION PLATE                                                                             | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                              |

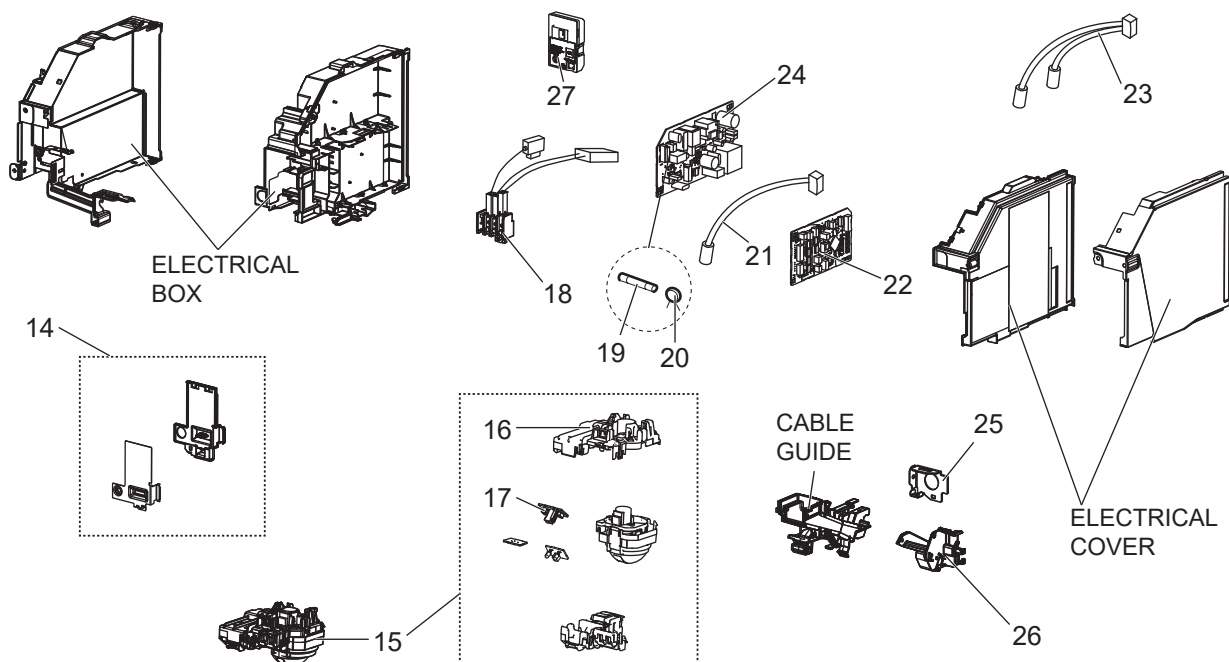
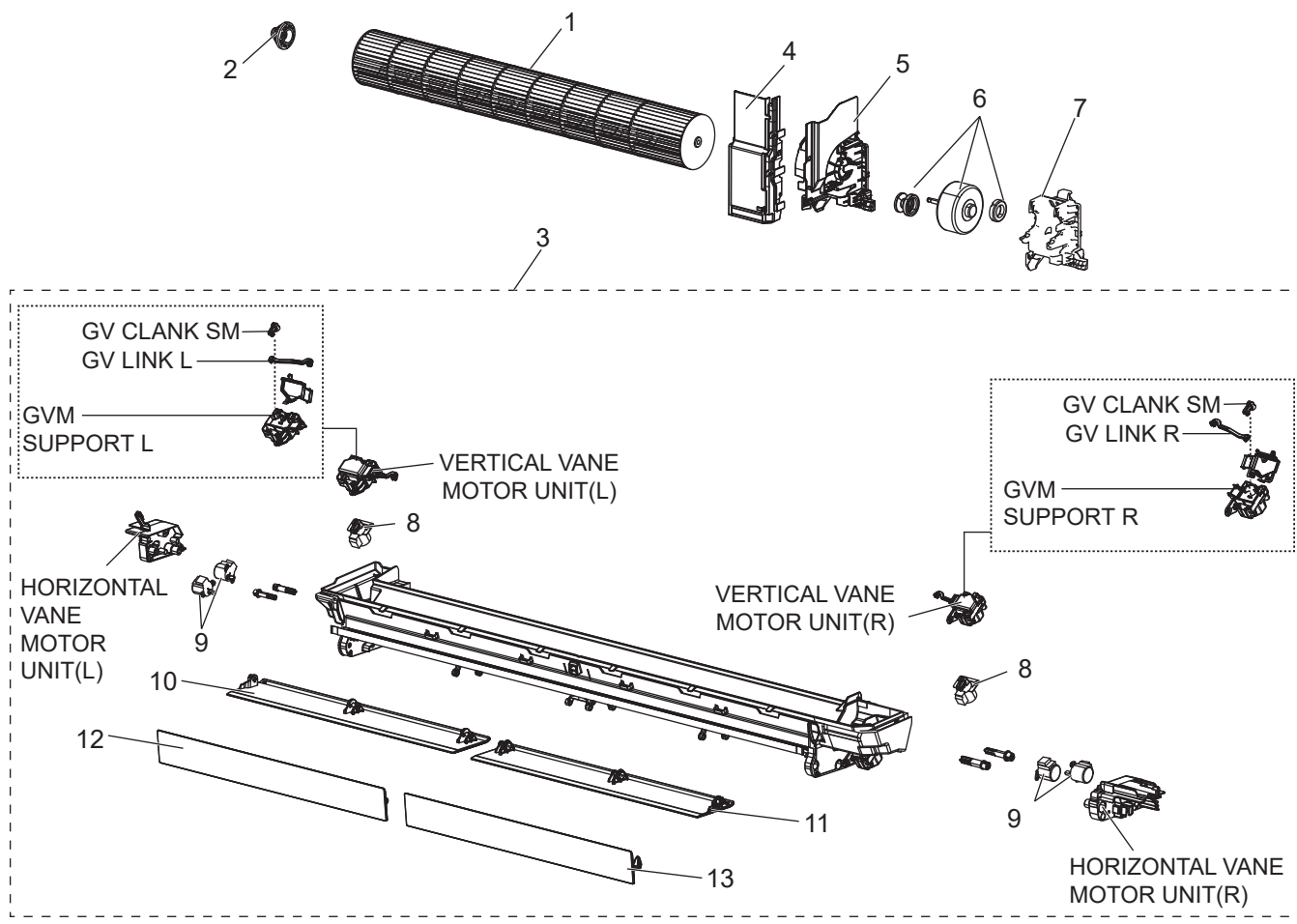
## 1-6. ACCESSORY AND REMOTE CONTROLLER

1. The part quantity below indicates the required number of pieces per unit.

| No. | Part No.    | Part name                | MSZ-FX06NL - CA2 | MSZ-FX09NL - CA2 | MSZ-FX12NL - CA2 | MSZ-FX15NL - CA2 | MSZ-FX18NL - CA2 | MSZ-FX24NL - CA2 | Symbol in Wiring Diagram | Remarks                                                            |
|-----|-------------|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|--------------------------------------------------------------------|
| 14  | E22 6H7 426 | REMOTE CONTROLLER        | 1                | 1                | 1                | 1                | 1                | 1                |                          | SH24T (English)<br>optional part : SH24AB<br>MAC-FL210M-E (French) |
| 15  | E22 41G 083 | REMOTE CONTROLLER HOLDER | 1                | 1                | 1                | 1                | 1                | 1                |                          |                                                                    |

MSZ-FX06NL-CA2 MSZ-FX09NL-CA2 MSZ-FX12NL-CA2  
MSZ-FX15NL-CA2 MSZ-FX18NL-CA2 MSZ-FX24NL-CA2

## 1-7. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



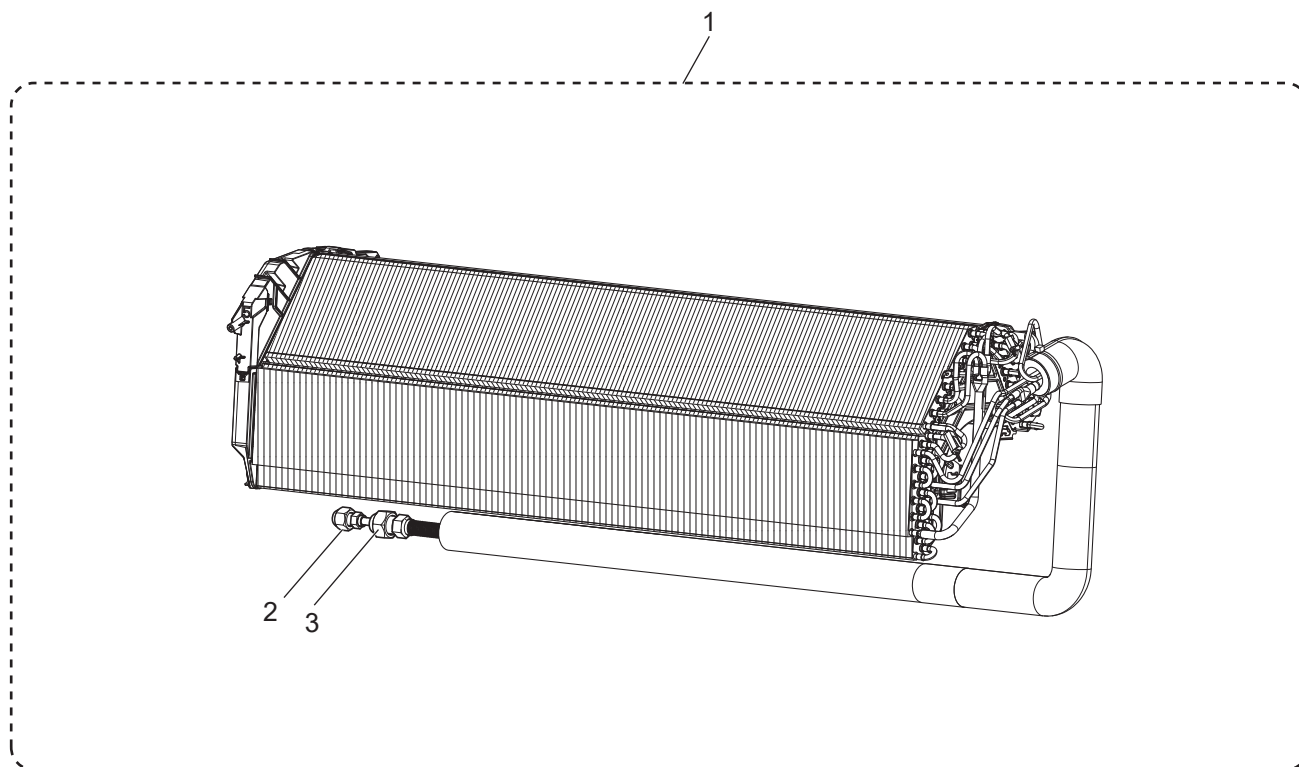
## 1-7. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

1. The part quantity below indicates the required number of pieces per unit.

| No. | Part No.    | Part name                             | MSZ-FX06NL - [CA2] | MSZ-FX09NL - [CA2] | MSZ-FX12NL - [CA2] | MSZ-FX15NL - [CA2] | MSZ-FX18NL - [CA2] | MSZ-FX24NL - [CA2] | Symbol in Wiring Diagram | Remarks                                                            |
|-----|-------------|---------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|--------------------------------------------------------------------|
| 1   | E22 BB4 302 | LINE FLOW FAN                         | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 2   | E22 A89 509 | BEARING MOUNT ASSEMBLY                | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 3   | E22 6H7 235 | NOZZLE ASSEMBLY                       | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          | Full assembly except drain hose                                    |
| 4   | E22 69R 541 | WATER COVER                           | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 5   | E22 69R 333 | MOTOR BAND                            | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 6   | E22 7C3 300 | INDOOR FAN MOTOR                      | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | MF                       | Includes rubber mounts RC0J40- □□                                  |
| 7   | E22 70R 333 | MOTOR BED                             | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 8   | E22 J44 303 | VERTICAL VANE MOTOR                   | 2                  | 2                  | 2                  | 2                  | 2                  | 2                  | MV2                      |                                                                    |
| 9   | E27 103 303 | HORIZONTAL VANE MOTOR                 | 4                  | 4                  | 4                  | 4                  | 4                  | 4                  | MV1                      |                                                                    |
| 10  | E22 6H7 041 | HORIZONTAL VANE LOWER (L)             | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 11  | E22 6H8 041 | HORIZONTAL VANE LOWER (R)             | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 12  | E22 6H7 040 | HORIZONTAL VANE UPPER (L)             | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 13  | E22 6H8 040 | HORIZONTAL VANE UPPER (R)             | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 14  | E22 7C3 784 | V.A. CLAMP                            | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 15  | E22 6H7 391 | DISPLAY AND i-see SENSOR ASSEMBLY     | 1                  | 1                  | 1                  | 1                  | 1                  |                    |                          | Includes i-See Sensor, MT, DISPLAY P.C. BOARD, RECEIVER P.C. BOARD |
| 15  | E22 7H2 391 | DISPLAY AND i-see SENSOR ASSEMBLY     |                    |                    |                    |                    |                    | 1                  |                          | Includes i-See Sensor, MT, DISPLAY P.C. BOARD, RECEIVER P.C. BOARD |
| 16  | E22 6H7 095 | DISPLAY AND RECEIVER P.C.BOARD HOLDER | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 17  | E22 AU6 468 | DISPLAY AND RECEIVER P.C. BOARD       | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          | DISPLAY P.C. BOARD, RECEIVER P.C. BOARD combined type              |
| 18  | E22 7C3 375 | TERMINAL BLOCK                        | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | TB                       |                                                                    |
| 19  | E22 C67 382 | FUSE                                  | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | F11                      | T3.15AL250V                                                        |
| 20  | E22 K90 385 | VARISTOR                              | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | NR11                     |                                                                    |
| 21  | E22 69R 308 | ROOM TEMPERATURE THERMISTOR           | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  | RT11                     |                                                                    |
| 22  | E22 AU6 452 | ELECTRONIC CONTROL P.C. BOARD         | 1                  |                    |                    |                    |                    |                    |                          |                                                                    |
| 22  | E22 AU7 452 | ELECTRONIC CONTROL P.C. BOARD         |                    | 1                  |                    |                    |                    |                    |                          |                                                                    |
| 22  | E22 AU8 452 | ELECTRONIC CONTROL P.C. BOARD         |                    |                    | 1                  |                    |                    |                    |                          |                                                                    |
| 22  | E22 AU9 452 | ELECTRONIC CONTROL P.C. BOARD         |                    |                    |                    | 1                  |                    |                    |                          |                                                                    |
| 22  | E22 AV1 452 | ELECTRONIC CONTROL P.C. BOARD         |                    |                    |                    |                    | 1                  |                    |                          |                                                                    |
| 22  | E22 AV2 452 | ELECTRONIC CONTROL P.C. BOARD         |                    |                    |                    |                    |                    | 1                  |                          |                                                                    |
| 23  | E22 6H7 307 | INDOOR COIL THERMISTOR                | 1                  | 1                  | 1                  | 1                  | 1                  |                    | RT12, RT13               | Combined type                                                      |
| 23  | E22 7H2 307 | INDOOR COIL THERMISTOR                |                    |                    |                    |                    |                    | 1                  | RT12, RT13               | Combined type                                                      |
| 24  | E22 AU6 440 | POWER P.C. BOARD                      | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 25  | E22 7C3 978 | CONDUIT PLATE                         | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 26  | E22 7C3 979 | CONDUIT COVER                         | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |
| 27  | E22 AU6 457 | Wi-Fi ASSEMBLY                        | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          |                                                                    |

**MSZ-FX06NL-CA2 MSZ-FX09NL-CA2 MSZ-FX12NL-CA2**  
**MSZ-FX15NL-CA2 MSZ-FX18NL-CA2 MSZ-FX24NL-CA2**

## **1-8. INDOOR UNIT HEAT EXCHANGER**



## 1-8. INDOOR UNIT HEAT EXCHANGER

1. The part quantity below indicates the required number of pieces per unit.

| No. | Part No.    | Part name             | MSZ-FX06NL - [CA2] | MSZ-FX09NL - [CA2] | MSZ-FX12NL - [CA2] | MSZ-FX15NL - [CA2] | MSZ-FX18NL - [CA2] | MSZ-FX24NL - [CA2] | Symbol in Wiring Diagram | Remarks                |
|-----|-------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------|------------------------|
| 1   | E22 6H7 620 | INDOOR HEAT EXCHANGER | 1                  | 1                  | 1                  |                    |                    |                    |                          |                        |
| 1   | E22 7H0 620 | INDOOR HEAT EXCHANGER |                    |                    |                    | 1                  | 1                  |                    |                          |                        |
| 1   | E22 7H2 620 | INDOOR HEAT EXCHANGER |                    |                    |                    |                    |                    | 1                  |                          |                        |
| 2   | E22 151 667 | UNION (LIQUID)        | 1                  | 1                  | 1                  | 1                  | 1                  | 1                  |                          | for liquid 1/4 (ø6.35) |
| 3   | E22 815 666 | UNION (GAS)           | 1                  | 1                  | 1                  |                    |                    |                    |                          | for gas 3/8 (ø9.52)    |
| 3   | E22 155 666 | UNION (GAS)           |                    |                    |                    | 1                  | 1                  |                    |                          | for gas 1/2 (ø12.7)    |
| 3   | E22 138 666 | UNION (GAS)           |                    |                    |                    |                    |                    | 1                  |                          | for gas 5/8 (ø15.88)   |

## 1-9. AIR CLEANING FILTER

### ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER (BLUE)

**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.
- After washing, dry it well in shade.

**Every year:**

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

**NOTE 1:** Clean the filters regularly for best performance and to reduce power consumption.

**NOTE 2:** Dirty filters cause condensation in the air conditioner which will contribute to the growth of fungi such as mold.

It is therefore recommended to clean air filters every 2 weeks.

**NOTE 3:** Do not touch the i-see sensor.

| Model                                                                            | Part No.     |
|----------------------------------------------------------------------------------|--------------|
| MSZ-FX06NL<br>MSZ-FX09NL<br>MSZ-FX12NL<br>MSZ-FX15NL<br>MSZ-FX18NL<br>MSZ-FX24NL | MAC-2420FT-E |

### MICROPARTICLE CATCHING FILTER (WHITE)

**Every 3 months:**

- Remove dirt by a vacuum cleaner.
- Do not wash it with water. Replace it with a new air cleaning filter when tobacco tar or oil stains adhere to it.
- Put it back to its original position, and install all tabs of the air cleaning filter.

**Every 3 years:**

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

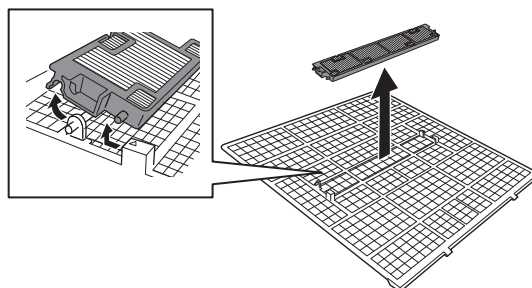
**NOTE 1:** Clean the filters regularly for best performance and to reduce power consumption.

**NOTE 2:** Dirty filters cause condensation in the air conditioner which will contribute to the growth of fungi such as mold.

It is therefore recommended to clean air filters every 2 weeks.

**NOTE 3:** Do not touch the i-see sensor.

| Model                                                                            | Part No.       |
|----------------------------------------------------------------------------------|----------------|
| MSZ-FX06NL<br>MSZ-FX09NL<br>MSZ-FX12NL<br>MSZ-FX15NL<br>MSZ-FX18NL<br>MSZ-FX24NL | MAC-EMF415FT-E |



## 2-1. AIR CLEANING FILTER DEODORIZING FILTER (BLACK)

Every 3 months:

- Remove dirt by a vacuum cleaner.

**When dirt cannot be removed by vacuum cleaning:**

- Remove dirt by a vacuum cleaner, or soak the framed filter in lukewarm water (30 to 40°C) for about 15 minutes. Rinse well.
- After washing, dry it well in shade.
- Deodorizing feature recovers by cleaning the filter.

**When dirt or smell cannot be removed by cleaning:**

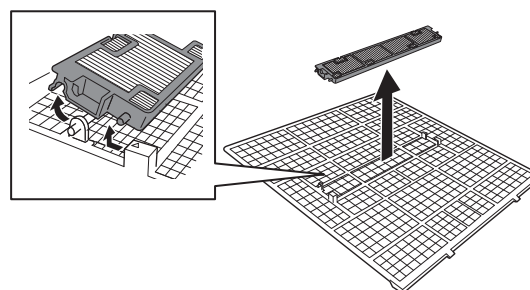
- Replace it with a new air cleaning filter.

**NOTE 1:** Clean the filters regularly for best performance and to reduce power consumption.

**NOTE 2:** Dirty filters cause condensation in the air conditioner which will contribute to the growth of fungi such as mold. It is therefore recommended to clean air filters every 2 weeks.

**NOTE 3:** Do not touch the i-see sensor.

| Model      | Part No.     |
|------------|--------------|
| MSZ-FX06NL | MAC-3010FT-E |
| MSZ-FX09NL |              |
| MSZ-FX12NL |              |
| MSZ-FX15NL |              |
| MSZ-FX18NL |              |
| MSZ-FX24NL |              |



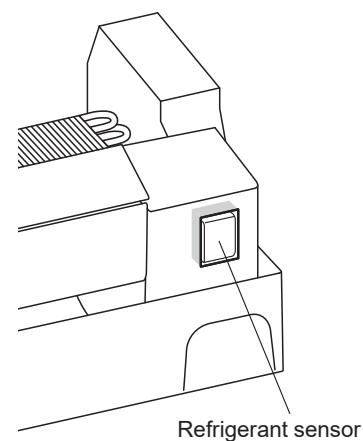
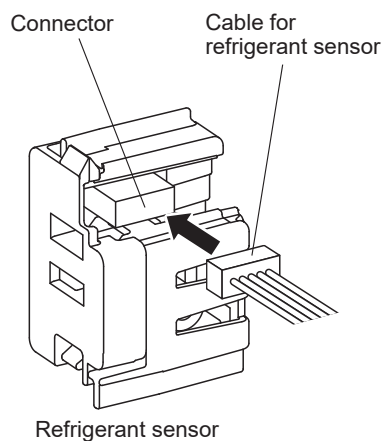
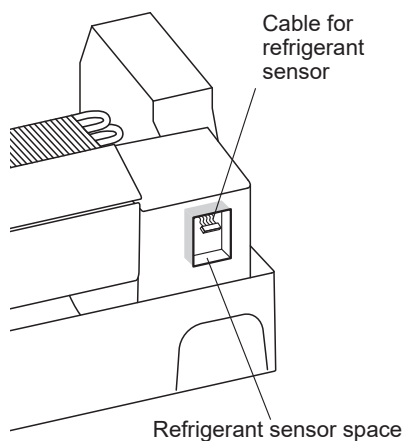
## 2-2. REFRIGERANT SENSOR

When connecting or disconnecting the connectors, hold the housing of the connector. DO NOT pull the lead wires.

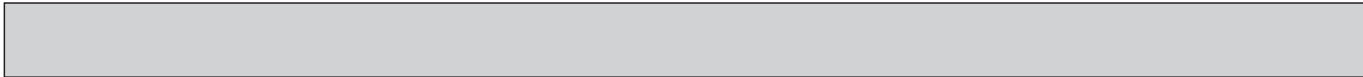
When replacing the existing refrigerant sensor, refer to the service handbook of the model.

For the detailed assembling method, refer to the indoor unit installation manual.

- (1) Remove the panel.
- (2) Find the cable for the refrigerant sensor on lower right corner of the unit.
- (3) Connect the cable to the refrigerant sensor connector.
- (4) Put in the refrigerant sensor to the refrigerant sensor space.
- (5) Close the panel.



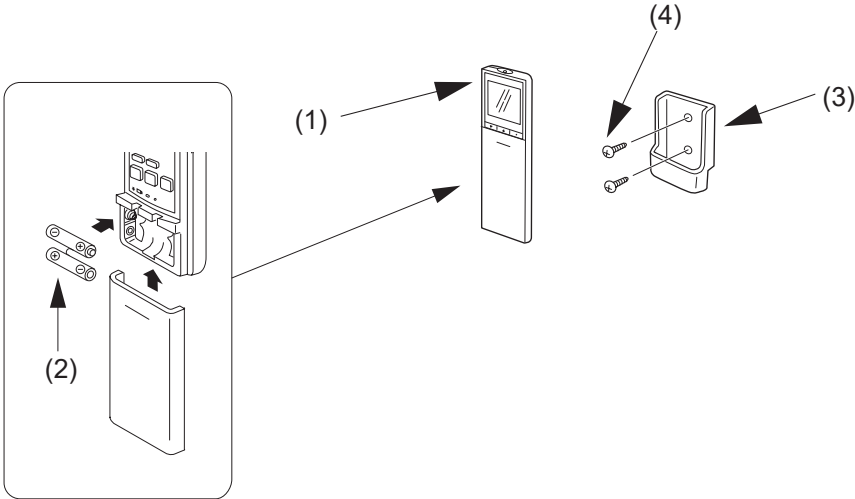
| Model      | Part No.    |
|------------|-------------|
| MSZ-FX06NL | MAC-100RS-E |
| MSZ-FX09NL |             |
| MSZ-FX12NL |             |
| MSZ-FX15NL |             |
| MSZ-FX18NL |             |



2-3. REMOTE CONTROLLER

| Model                                                                                                    | Part No.              |                        |
|----------------------------------------------------------------------------------------------------------|-----------------------|------------------------|
|                                                                                                          | English               | French                 |
| MSZ-FX06NL-CA1<br>MSZ-FX09NL-CA1<br>MSZ-FX12NL-CA1<br>MSZ-FX15NL-CA1<br>MSZ-FX18NL-CA1<br>MSZ-FX24NL-CA1 | SH24T<br>MAC-FL110M-E | SH24AB<br>MAC-FL210M-E |
| MSZ-FX06NL-CA2<br>MSZ-FX09NL-CA2<br>MSZ-FX12NL-CA2<br>MSZ-FX15NL-CA2<br>MSZ-FX18NL-CA2<br>MSZ-FX24NL-CA2 | -                     | SH24AB<br>MAC-FL210M-E |

| No. | Part Name                                                          | Quantity |
|-----|--------------------------------------------------------------------|----------|
| (1) | Wireless remote controller                                         | 1        |
| (2) | Battery (AAA) for (1)                                              | 2        |
| (3) | Remote controller holder                                           | 1        |
| (4) | Screws for the remote controller holder (3)<br>3.5 × 16 mm (Black) | 2        |



# **mitsubishi electric corporation**

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

© Copyright 2025 MITSUBISHI ELECTRIC CORPORATION

Issued: Sep. 2026 No. OBB960 REVISED EDITION-D

Issued: May 2026 No. OBB960 REVISED EDITION-C

Issued: Mar. 2026 No. OBB960 REVISED EDITION-B

Issued: Apr. 2025 No. OBB960 REVISED EDITION-A

Published: Feb. 2025. No. OBB960

Made in Japan

Specifications are subject to change without notice.