

## INDOOR UNIT

# PARTS CATALOG

**No. OBB589**  
**REVISED EDITION-F**

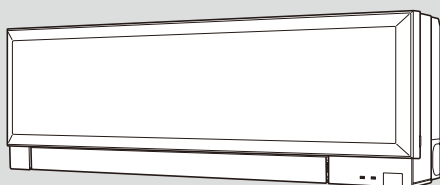
### Models

|                                                        |                                                        |                                                        |
|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| MSZ-EF18VEW/B/S - <span>E1</span>                      | MSZ-EF22VEW/B/S - <span>E1</span>                      | MSZ-EF25VEW/B/S - <span>E1</span>                      |
| MSZ-EF35VEW/B/S - <span>E1</span>                      | MSZ-EF42VEW/B/S - <span>E1</span>                      | MSZ-EF50VEW/B/S - <span>E1</span>                      |
| MSZ-EF18VE2W/B/S - <span>E1</span>                     | MSZ-EF22VE2W/B/S - <span>E1</span>                     | MSZ-EF25VE2W/B/S - <span>E1</span>                     |
| MSZ-EF35VE2W/B/S - <span>E1</span>                     | MSZ-EF42VE2W/B/S - <span>E1</span>                     | MSZ-EF50VE2W/B/S - <span>E1</span>                     |
| MSZ-EF18VE2W/B/S - <span>ER1</span>                    | MSZ-EF22VE2W/B/S - <span>ER1</span>                    | MSZ-EF25VE2W/B/S - <span>ER1</span>                    |
| MSZ-EF35VE2W/B/S - <span>ER1</span>                    | MSZ-EF42VE2W/B/S - <span>ER1</span>                    | MSZ-EF50VE2W/B/S - <span>ER1</span>                    |
| MSZ-EF18VE3W/B/S - <span>E1</span> , <span>E2</span>   | MSZ-EF22VE3W/B/S - <span>E1</span> , <span>E2</span>   | MSZ-EF25VE3W/B/S - <span>E1</span> , <span>E2</span>   |
| MSZ-EF35VE3W/B/S - <span>E1</span> , <span>E2</span>   | MSZ-EF42VE3W/B/S - <span>E1</span> , <span>E2</span>   | MSZ-EF50VE3W/B/S - <span>E1</span> , <span>E2</span>   |
|                                                        | MSZ-EF22VE3W/B/S - <span>ER1</span> , <span>ER2</span> | MSZ-EF25VE3W/B/S - <span>ER1</span> , <span>ER2</span> |
| MSZ-EF35VE3W/B/S - <span>ER1</span> , <span>ER2</span> | MSZ-EF42VE3W/B/S - <span>ER1</span> , <span>ER2</span> | MSZ-EF50VE3W/B/S - <span>ER1</span> , <span>ER2</span> |

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**SERVICE MANUAL (OBH589)**



MSZ-EF·VEW  
MSZ-EF·VEB  
MSZ-EF·VES



## Revision A:

- Part numbers of the electronic control P.C. boards have been changed.

## Revision B:

- MSZ-EF18VEW - [E1], MSZ-EF18VEB - [E1] and MSZ-EF18VES - [E1] have been added.

## Revision C:

- MSZ-EF18/22/25/35/42/50VE2W - [E1], [ER1], MSZ-EF18/22/25/35/42/50VE2B - [E1], [ER1] and MSZ-EF18/22/25/35/42/50VE2S - [E1], [ER1] have been added.

## Revision D:

- MSZ-EF18/22/25/35/42/50VE3W - [E1], MSZ-EF18/22/25/35/42/50VE3B - [E1], MSZ-EF18/22/25/35/42/50VE3S - [E1], MSZ-EF22/25/35/42/50VE3W - [ER1], MSZ-EF22/25/35/42/50VE3B - [ER1] and MSZ-EF22/25/35/42/50VE3S - [ER1] have been added.

## Revision E:

- MSZ-EF18/22/25/35/42/50VE3W - [E2], MSZ-EF22/25/35/42/50VE3W - [ER2], MSZ-EF18/22/25/35/42/50VE3B - [E2], MSZ-EF22/25/35/42/50VE3B - [ER2], MSZ-EF18/22/25/35/42/50VE3S - [E2] and MSZ-EF22/25/35/42/50VE3S - [ER2] have been added.

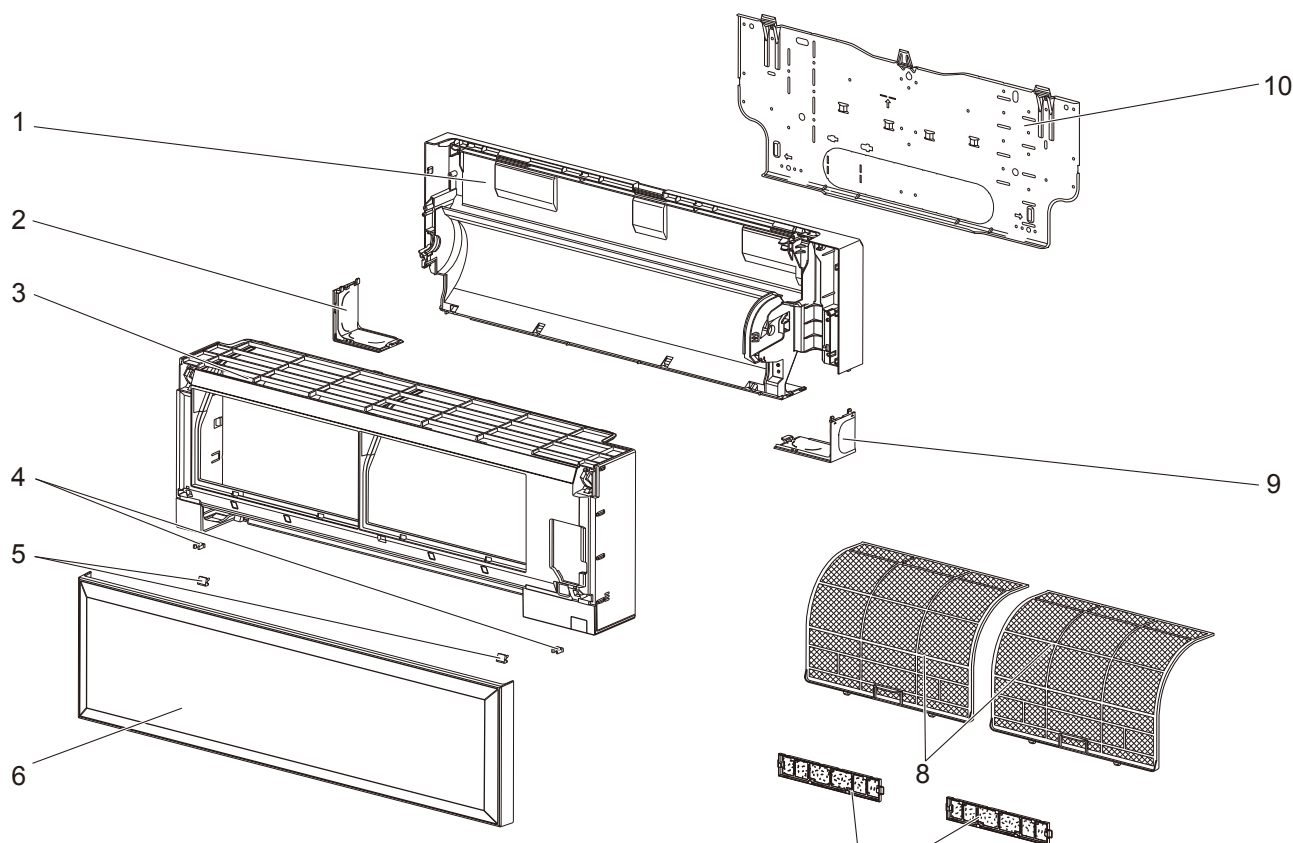
## Revision F:

- Some descriptions have been modified.

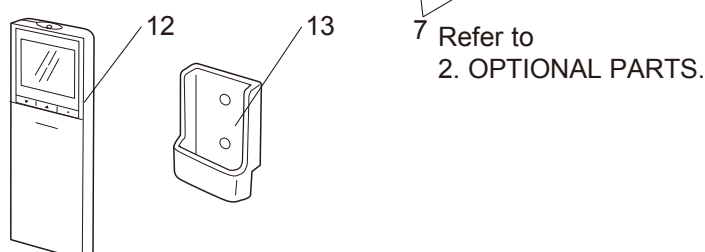
# 1 SERVICE PARTS LIST

MSZ-EF18VEW MSZ-EF22VEW MSZ-EF25VEW MSZ-EF35VEW MSZ-EF42VEW MSZ-EF50VEW  
MSZ-EF18VEB MSZ-EF22VEB MSZ-EF25VEB MSZ-EF35VEB MSZ-EF42VEB MSZ-EF50VEB  
MSZ-EF18VES MSZ-EF22VES MSZ-EF25VES MSZ-EF35VES MSZ-EF42VES MSZ-EF50VES

### 1-1. INDOOR UNIT STRUCTURAL PARTS



### 1-2. ACCESSORY AND REMOTE CONTROLLER



## 1-1. INDOOR UNIT STRUCTURAL PARTS

Part numbers that is circled is not shown in the illustration.

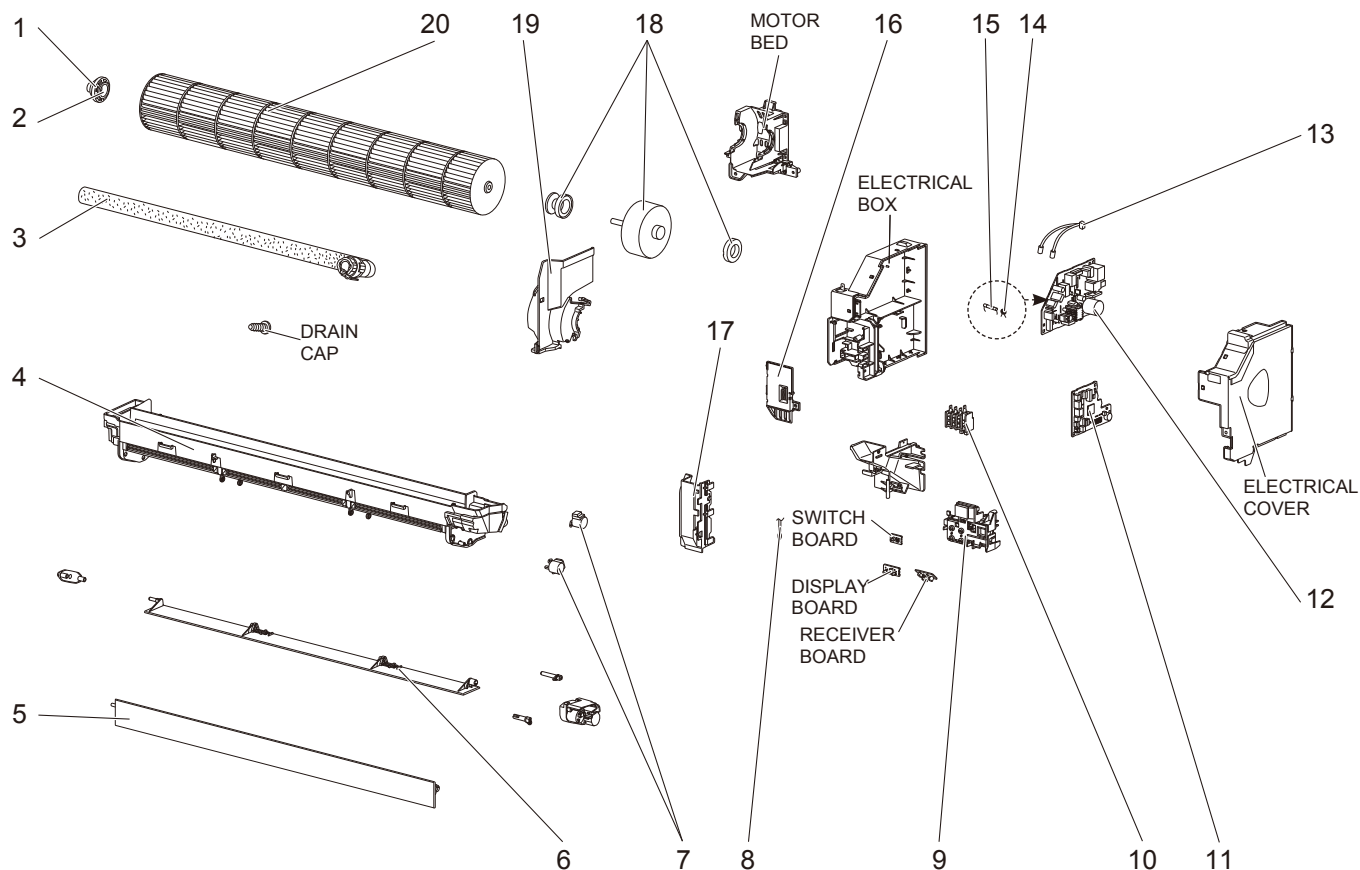
| No. | Part No.    | Part name            | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                             |              | Remarks |
|-----|-------------|----------------------|--------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------------------|--------------|---------|
|     |             |                      |                                | MSZ-EF    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                             |              |         |
|     |             |                      |                                | 18        |     |     | 22  |     |     | 25  |     |     | 35  |     |     | 42  |     |     | 50  |                             |              |         |
|     |             |                      |                                | VEW       | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB                         | VES          |         |
|     |             |                      |                                | -E1       | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 |     |                             |              |         |
| 1   | E12 F95 234 | BOX ASSEMBLY         |                                | 1         |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |                             |              |         |
|     | E12 G21 234 | BOX ASSEMBLY         |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     | 1   |                             |              |         |
|     | E12 G26 234 | BOX ASSEMBLY         |                                |           |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   | 1   |                             |              |         |
| 2   | E12 F95 976 | CORNER BOX LEFT      |                                | 1         |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |                             |              |         |
|     | E12 G21 976 | CORNER BOX LEFT      |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     | 1   |                             |              |         |
|     | E12 G26 976 | CORNER BOX LEFT      |                                |           |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   | 1   |                             |              |         |
| 3   | E12 F95 000 | PANEL ASSEMBLY       |                                | 1         |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   | Includes No.<br>4, 5, and 6 |              |         |
|     | E12 G21 000 | PANEL ASSEMBLY       |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     | 1   | Includes No.<br>4, 5, and 6 |              |         |
|     | E12 G26 000 | PANEL ASSEMBLY       |                                |           |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   | 1   | Includes No.<br>4, 5, and 6 |              |         |
| 4   | E12 F95 142 | CATCH                |                                | 2         | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2                           | 2 PCS/SET    |         |
| 5   | E12 F95 067 | SCREW CAP            |                                | 2         |     |     | 2   |     |     | 2   |     |     | 2   |     |     | 2   |     |     | 2   |                             | 2 PCS/SET    |         |
|     | E12 G21 067 | SCREW CAP            |                                |           | 2   |     |     | 2   |     |     | 2   |     |     | 2   |     |     | 2   |     | 2   |                             | 2 PCS/SET    |         |
|     | E12 G26 067 | SCREW CAP            |                                |           |     | 2   |     |     | 2   |     |     | 2   |     |     | 2   |     |     | 2   |     | 2                           | 2 PCS/SET    |         |
| 6   | E12 F95 010 | FRONT PANEL          |                                | 1         |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |                             |              |         |
|     | E12 G21 010 | FRONT PANEL          |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     | 1   |                             |              |         |
|     | E12 G26 010 | FRONT PANEL          |                                |           |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     | 1                           |              |         |
| 7   | —           | AIR CLEANING FILTER  |                                | 2         | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2                           | 1 PC/SET     |         |
| 8   | E12 F95 100 | NANO PLATINUM FILTER |                                | 2         | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2                           | 1 PC/SET     |         |
| 9   | E12 F95 975 | CORNER BOX RIGHT     |                                | 1         |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |                             |              |         |
|     | E12 G21 975 | CORNER BOX RIGHT     |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     | 1   |                             |              |         |
|     | E12 G26 975 | CORNER BOX RIGHT     |                                |           |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     | 1                           |              |         |
| 10  | E12 F95 970 | INSTALLATION PLATE   |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1                           |              |         |
| ⑪   | —           | SOFT DRY CLOTH       |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1                           | MAC-1001CL-E |         |

## 1-2. ACCESSORY AND REMOTE CONTROLLER

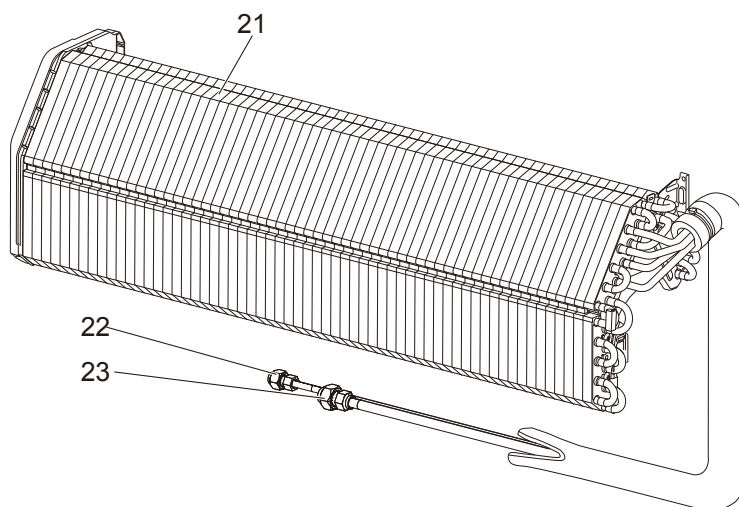
| No. | Part No.    | Part name                   | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Remarks |
|-----|-------------|-----------------------------|--------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|
|     |             |                             |                                | MSZ-EF    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |
|     |             |                             |                                | 18        |     |     | 22  |     |     | 25  |     |     | 35  |     |     | 42  |     |     | 50  |     |     |         |
|     |             |                             |                                | VEW       | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES |         |
|     |             |                             |                                | -E1       | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 | -E1 |         |
| 12  | E12 F95 426 | REMOTE CONTROLLER           |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | SG11D   |
| 13  | E12 F28 083 | REMOTE CONTROLLER<br>HOLDER |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |         |

MSZ-EF18VEW MSZ-EF22VEW MSZ-EF25VEW MSZ-EF35VEW MSZ-EF42VEW MSZ-EF50VEW  
 MSZ-EF18VEB MSZ-EF22VEB MSZ-EF25VEB MSZ-EF35VEB MSZ-EF42VEB MSZ-EF50VEB  
 MSZ-EF18VES MSZ-EF22VES MSZ-EF25VES MSZ-EF35VES MSZ-EF42VES MSZ-EF50VES

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



### 1-4. INDOOR UNIT HEAT EXCHANGER



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

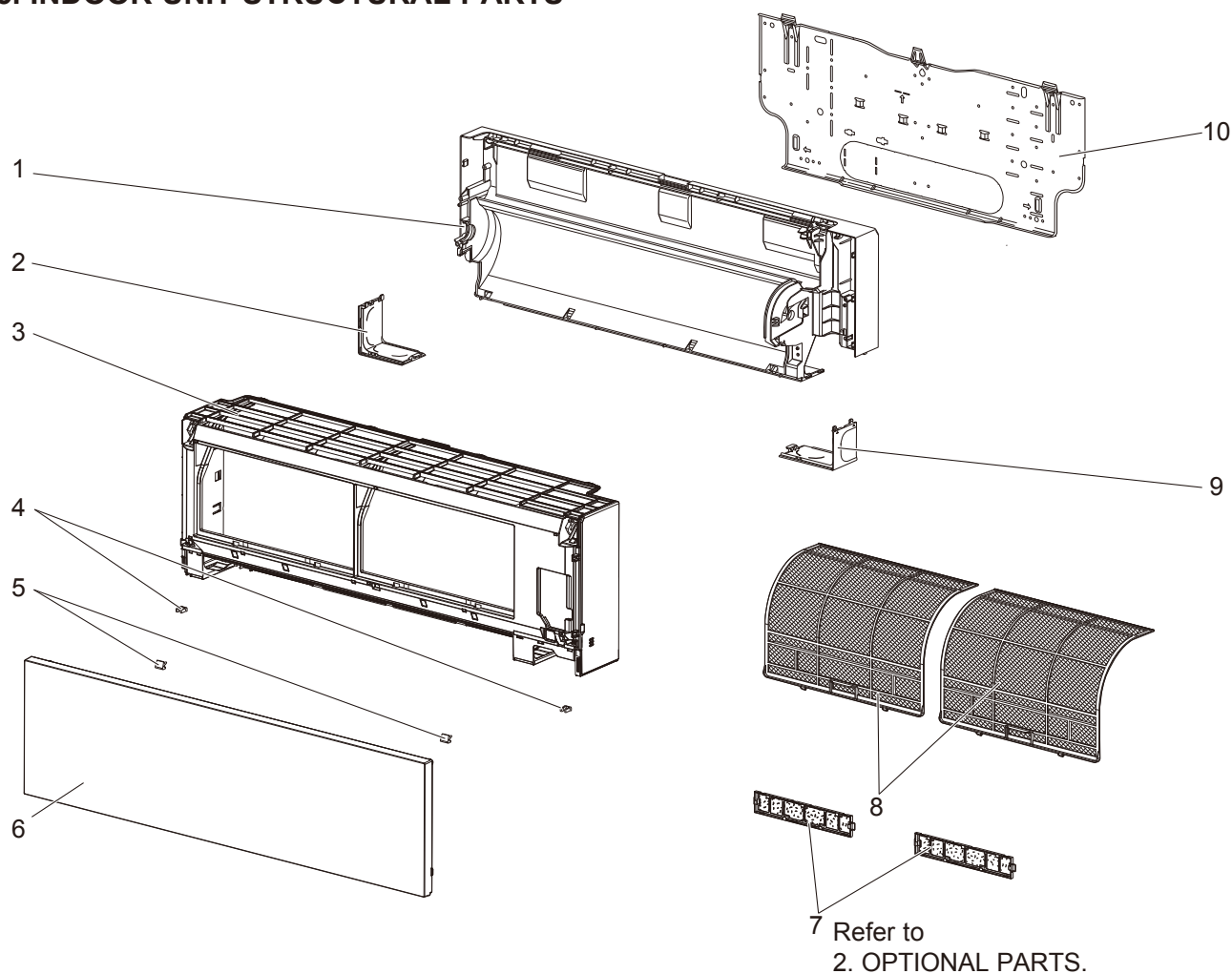
| No. | Part No.    | Part name                        | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Remarks                                                              |
|-----|-------------|----------------------------------|--------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------------------------------------------------------|
|     |             |                                  |                                | MSZ-EF    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                                                                      |
|     |             |                                  |                                | 18        |     |     | 22  |     |     | 25  |     |     | 35  |     |     | 42  |     |     | 50  |     |     |                                                                      |
|     |             |                                  |                                | VEW       | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES |                                                                      |
|     |             |                                  |                                | E1        | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  |     |                                                                      |
| 1   | E12 751 509 | BEARING MOUNT                    |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 2   | E12 001 504 | SLEEVE BEARING                   |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 3   | E12 897 702 | DRAIN HOSE                       |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 4   | E12 F95 235 | NOZZLE ASSEMBLY                  |                                | 1         |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     |                                                                      |
|     | E12 G21 235 | NOZZLE ASSEMBLY                  |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |                                                                      |
|     | E12 G26 235 | NOZZLE ASSEMBLY                  |                                |           |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |                                                                      |
| 5   | E12 F95 040 | VANE UPPER                       |                                | 1         |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     |                                                                      |
|     | E12 G21 040 | VANE UPPER                       |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |                                                                      |
|     | E12 G26 040 | VANE UPPER                       |                                |           |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |                                                                      |
| 6   | E12 F95 041 | VANE LOWER                       |                                | 1         |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     |                                                                      |
|     | E12 G21 041 | VANE LOWER                       |                                |           | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |                                                                      |
|     | E12 G26 041 | VANE LOWER                       |                                |           |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |     |     | 1   |                                                                      |
| 7   | E12 A89 303 | VANE MOTOR                       | MV                             | 2         | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | UP & DOWN,<br>1 PC/SET                                               |
| 8   | E12 F95 308 | ROOM TEMPERATURE<br>THERMISTOR   | RT11                           | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 9   | E12 F95 095 | DISPLAY P.C. BOARD<br>HOLDER     |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 10  | E12 F95 375 | TERMINAL BLOCK                   | TB                             | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 11  | E12 F95 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                | 1         | 1   | 1   | 1   | 1   | 1   |     |     |     |     |     |     |     |     |     |     |     |     | Includes<br>RECEIVER<br>BOARD, DISPLAY<br>BOARD and<br>SWITCH BOARD. |
|     | E12 G22 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |           |     |     |     |     |     | 1   | 1   | 1   |     |     |     |     |     |     |     |     |     |                                                                      |
|     | E12 G23 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |           |     |     |     |     |     |     |     |     | 1   | 1   | 1   |     |     |     |     |     |     |                                                                      |
|     | E12 G24 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |           |     |     |     |     |     |     |     |     |     |     |     | 1   | 1   | 1   |     |     |     |                                                                      |
|     | E12 G25 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |           |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 1   | 1   |                                                                      |
| 12  | E12 F98 440 | POWER P.C. BOARD                 |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 13  | E12 F95 307 | INDOOR COIL<br>THERMISTOR        | RT12,RT13                      | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 14  | E12 B75 385 | VARISTOR                         | NR11                           | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 15  | E12 A49 382 | FUSE                             | F11                            | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | T3.15AL250V                                                          |
| 16  | E12 F95 784 | V.A. CLAMP                       |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 17  | E12 F95 541 | WATER CUT                        |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 18  | E12 F95 300 | INDOOR FAN MOTOR                 | MF                             | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | RC0J40-□□<br>Includes FAN<br>MOTOR RUBBER<br>MOUNT<br>(2 PC/SET)     |
| 19  | E12 F95 333 | MOTOR BAND                       |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |
| 20  | E12 F95 302 | LINE FLOW FAN                    |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |                                                                      |

### 1-4. INDOOR UNIT HEAT EXCHANGER

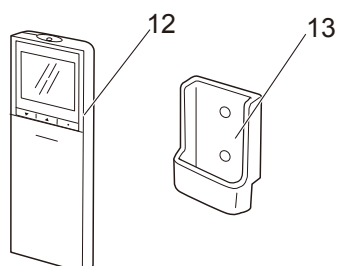
| No. | Part No.    | Part name             | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       | Remarks |
|-----|-------------|-----------------------|--------------------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---------|
|     |             |                       |                                | MSZ-EF    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |         |
|     |             |                       |                                | 18        |     |     | 22  |     |     | 25  |     |     | 35  |     |     | 42  |     |     | 50  |     |       |         |
|     |             |                       |                                | VEW       | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES | VEW | VEB | VES   |         |
|     |             |                       |                                | E1        | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1  | E1    |         |
| 21  | E12 F95 620 | INDOOR HEAT EXCHANGER |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |     |     |     |       |         |
|     | E12 F99 620 | INDOOR HEAT EXCHANGER |                                |           |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 1   | 1   |       |         |
| 22  | E12 151 667 | UNION (LIQUID)        |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | ø6.35 |         |
| 23  | E12 815 666 | UNION (GAS)           |                                | 1         | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |     |     |     | ø9.52 |         |
|     | E12 155 666 | UNION (GAS)           |                                |           |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   | 1   | 1   | ø12.7 |         |

MSZ-EF18VE2W -E1 MSZ-EF22VE2W -E1 MSZ-EF25VE2W -E1  
 MSZ-EF18VE2B -E1 MSZ-EF22VE2B -E1 MSZ-EF25VE2B -E1  
 MSZ-EF18VE2S -E1 MSZ-EF22VE2S -E1 MSZ-EF25VE2S -E1  
 MSZ-EF35VE2W -E1 MSZ-EF42VE2W -E1 MSZ-EF50VE2W -E1  
 MSZ-EF35VE2B -E1 MSZ-EF42VE2B -E1 MSZ-EF50VE2B -E1  
 MSZ-EF35VE2S -E1 MSZ-EF42VE2S -E1 MSZ-EF50VE2S -E1

## 1-5. INDOOR UNIT STRUCTURAL PARTS



## 1-6. ACCESSORY AND REMOTE CONTROLLER



## 1-5. INDOOR UNIT STRUCTURAL PARTS

Part numbers that is circled is not shown in the illustration.

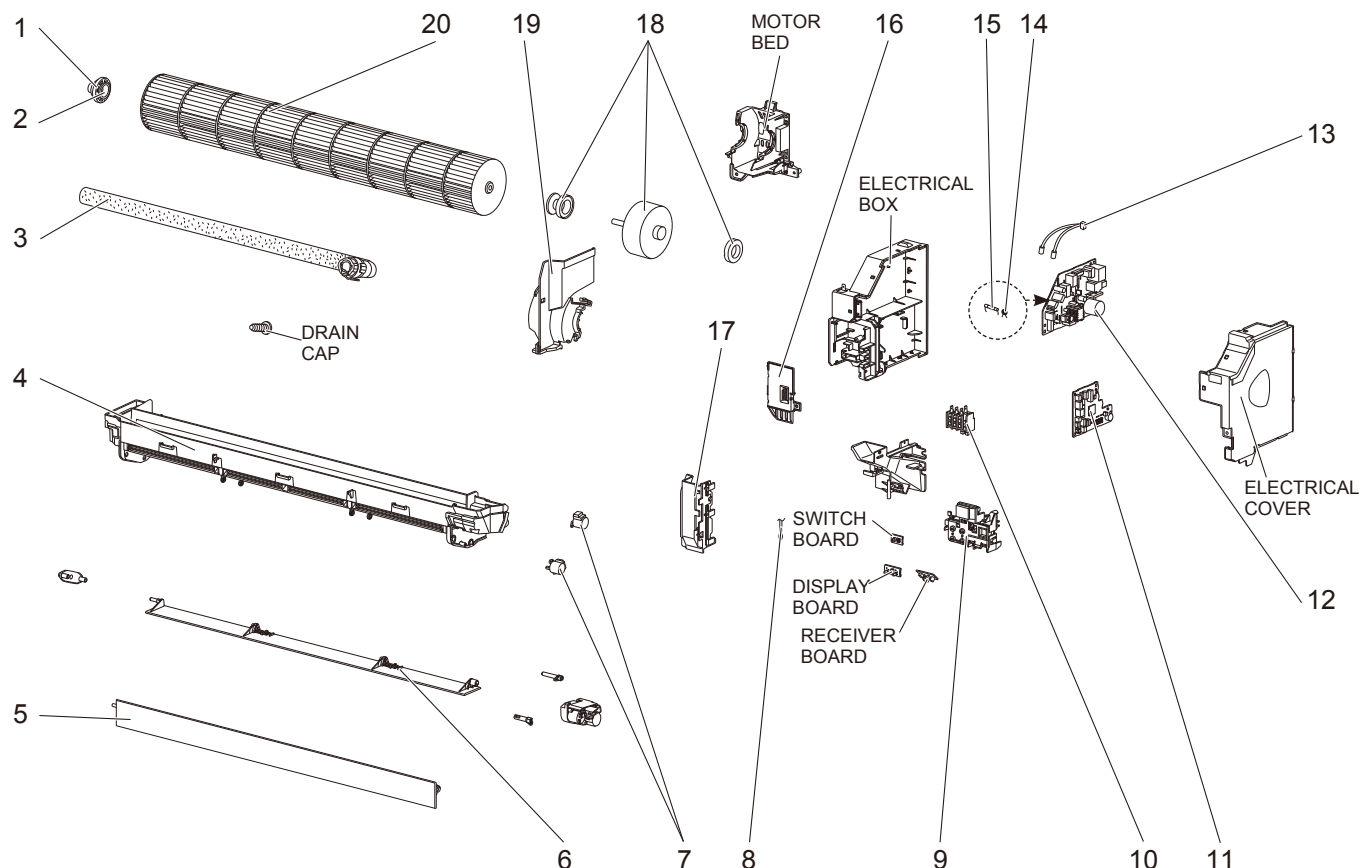
| No. | Part No.    | Part name            | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Remarks                  |
|-----|-------------|----------------------|--------------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|
|     |             |                      |                                | MSZ-EF    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                          |
|     |             |                      |                                | 18        |      |      | 22   |      |      | 25   |      |      | 35   |      |      | 42   |      |      | 50   |      |      |                          |
|     |             |                      |                                | VE2W      | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S |                          |
|     |             |                      |                                | -E1       | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  | -E1  |                          |
| 1   | E12 F95 234 | BOX ASSEMBLY         |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      |                          |
|     | E12 G21 234 | BOX ASSEMBLY         |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |                          |
|     | E12 G26 234 | BOX ASSEMBLY         |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |                          |
| 2   | E12 F95 976 | CORNER BOX LEFT      |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      |                          |
|     | E12 G21 976 | CORNER BOX LEFT      |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |                          |
|     | E12 G26 976 | CORNER BOX LEFT      |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |                          |
| 3   | E12 M42 000 | PANEL ASSEMBLY       |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | Includes No. 4, 5, and 6 |
|     | E12 M38 000 | PANEL ASSEMBLY       |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      | Includes No. 4, 5, and 6 |
|     | E12 M40 000 | PANEL ASSEMBLY       |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    | Includes No. 4, 5, and 6 |
| 4   | E12 F95 142 | CATCH                |                                | 2         | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2 PCS/SET                |
| 5   | E12 F95 067 | SCREW CAP            |                                | 2         |      |      | 2    |      |      | 2    |      |      | 2    |      |      | 2    |      |      | 2    |      |      | 2 PCS/SET                |
|     | E12 G21 067 | SCREW CAP            |                                |           | 2    |      |      | 2    |      |      | 2    |      |      | 2    |      |      | 2    |      |      | 2    |      | 2 PCS/SET                |
|     | E12 G26 067 | SCREW CAP            |                                |           |      | 2    |      |      | 2    |      |      | 2    |      |      | 2    |      |      | 2    |      |      | 2    | 2 PCS/SET                |
| 6   | E12 M42 010 | FRONT PANEL          |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      |                          |
|     | E12 M38 010 | FRONT PANEL          |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |                          |
|     | E12 M40 010 | FRONT PANEL          |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |                          |
| 7   | —           | AIR CLEANING FILTER  |                                | 2         | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 1 PC/SET                 |
| 8   | E12 F95 100 | NANO PLATINUM FILTER |                                | 2         | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 1 PC/SET                 |
| 9   | E12 F95 975 | CORNER BOX RIGHT     |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      |                          |
|     | E12 G21 975 | CORNER BOX RIGHT     |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |                          |
|     | E12 G26 975 | CORNER BOX RIGHT     |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |                          |
| 10  | E12 F95 970 | INSTALLATION PLATE   |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |                          |
| ⑪   | —           | SOFT DRY CLOTH       |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      | MAC-1001CL-E             |

## 1-6. ACCESSORY AND REMOTE CONTROLLER

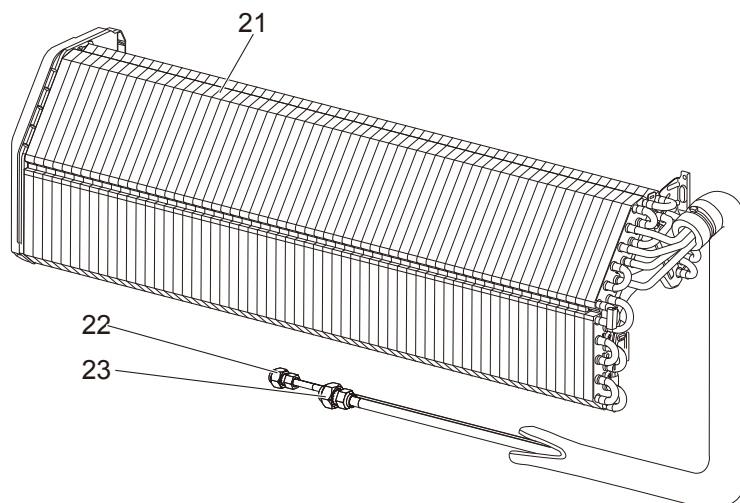
| No. | Part No.    | Part name                      | Symbol<br>in Wiring<br>Diagram | Q'ty/unit     |               |               |               |               |               |               |               |               |               |               |               |               |               |               |      |      |       | Remarks |
|-----|-------------|--------------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|------|-------|---------|
|     |             |                                |                                | MSZ-EF        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |      |      |       |         |
|     |             |                                |                                | 18            |               |               | 22            |               |               | 25            |               |               | 35            |               |               | 42            |               |               | 50   |      |       |         |
|     |             |                                |                                | VE2W          | VE2B          | VE2S          | VE2W          | VE2B          | VE2S          | VE2W          | VE2B          | VE2S          | VE2W          | VE2B          | VE2S          | VE2W          | VE2B          | VE2S          | VE2W | VE2B | VE2S  |         |
|     |             |                                |                                | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> | <del>E1</del> |      |      |       |         |
| 12  | E12 M42 426 | REMOTE<br>CONTROLLER           |                                | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1    | 1    | SG14D |         |
| 13  | E12 F28 083 | REMOTE<br>CONTROLLER<br>HOLDER |                                | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1             | 1    | 1    |       |         |

MSZ-EF18VE2W -[E1] MSZ-EF22VE2W -[E1] MSZ-EF25VE2W -[E1]  
 MSZ-EF18VE2B -[E1] MSZ-EF22VE2B -[E1] MSZ-EF25VE2B -[E1]  
 MSZ-EF18VE2S -[E1] MSZ-EF22VE2S -[E1] MSZ-EF25VE2S -[E1]  
 MSZ-EF35VE2W -[E1] MSZ-EF42VE2W -[E1] MSZ-EF50VE2W -[E1]  
 MSZ-EF35VE2B -[E1] MSZ-EF42VE2B -[E1] MSZ-EF50VE2B -[E1]  
 MSZ-EF35VE2S -[E1] MSZ-EF42VE2S -[E1] MSZ-EF50VE2S -[E1]

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



## 1-8. INDOOR UNIT HEAT EXCHANGER



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

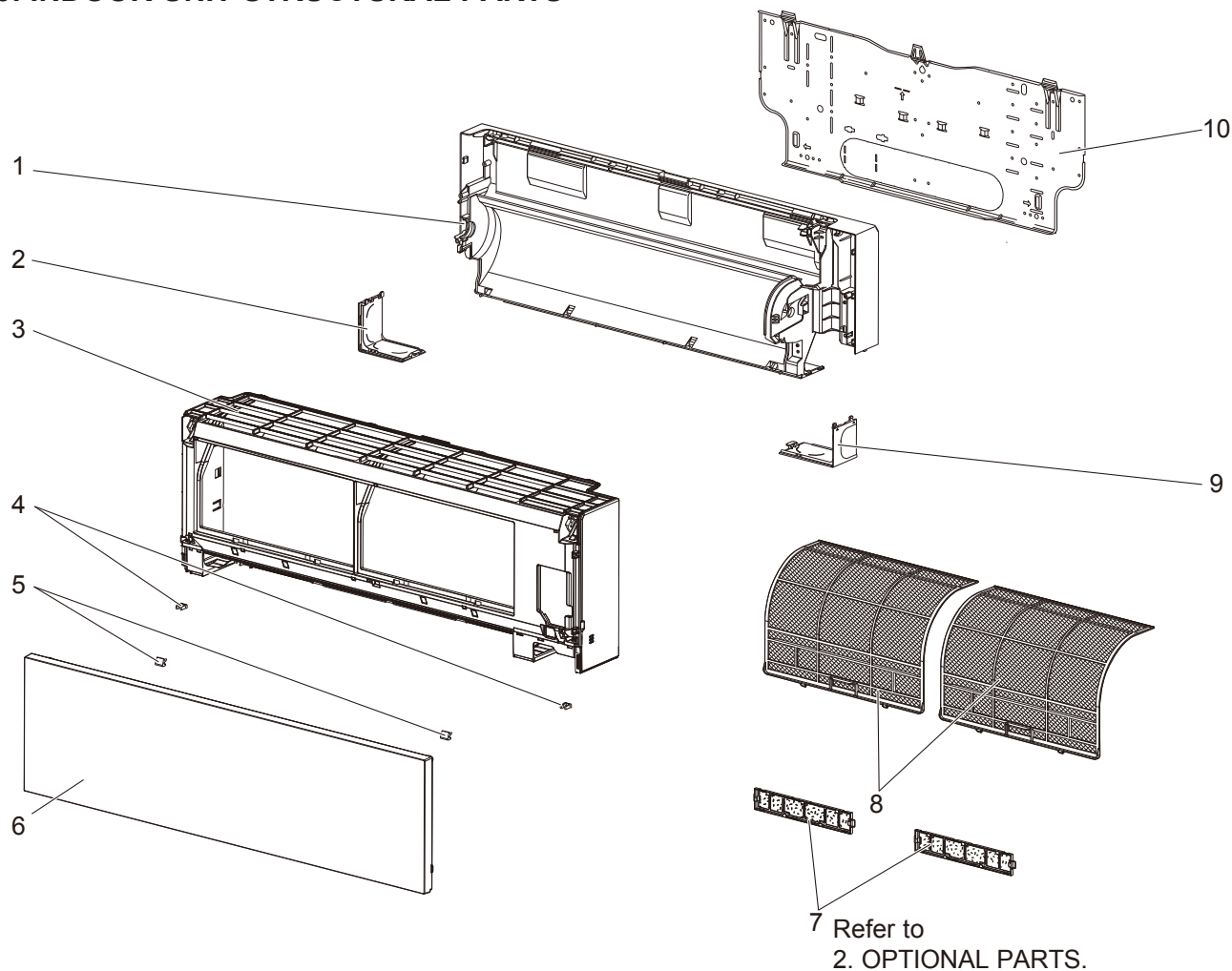
| No. | Part No.    | Part name                        | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | Remarks                                                                 |
|-----|-------------|----------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------------------------------------------------------|
|     |             |                                  |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                                                                         |
|     |             |                                  |                                | 18          |             |             | 22          |             |             | 25          |             |             | 35          |             |             | 42          |             |             | 50          |             |             |                                                                         |
|     |             |                                  |                                | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 |                                                                         |
| 1   | E12 751 509 | BEARING MOUNT                    |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |                                                                         |
| 2   | E12 001 504 | SLEEVE BEARING                   |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |                                                                         |
| 3   | E12 897 702 | DRAIN HOSE                       |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |                                                                         |
| 4   | E12 F95 235 | NOZZLE ASSEMBLY                  |                                | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             |                                                                         |
|     | E12 G21 235 | NOZZLE ASSEMBLY                  |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |                                                                         |
|     | E12 G26 235 | NOZZLE ASSEMBLY                  |                                |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             | 1           |             |                                                                         |
|     | E12 F95 040 | VANE UPPER                       |                                | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             |                                                                         |
| 5   | E12 G21 040 | VANE UPPER                       |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |                                                                         |
|     | E12 G26 040 | VANE UPPER                       |                                |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             | 1           |             |                                                                         |
|     | E12 F95 041 | VANE LOWER                       |                                | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             |                                                                         |
| 6   | E12 G21 041 | VANE LOWER                       |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |                                                                         |
|     | E12 G26 041 | VANE LOWER                       |                                |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             | 1           |             |                                                                         |
|     |             |                                  |                                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                                                                         |
| 7   | E12 A89 303 | VANE MOTOR                       | MV                             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | UP & DOWN,<br>1 PC/SET                                                  |
| 8   | E12 F95 308 | ROOM TEMPERATURE<br>THERMISTOR   | RT11                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 9   | E12 F95 095 | DISPLAY P.C.<br>BOARD HOLDER     |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 10  | E12 F95 375 | TERMINAL BLOCK                   | TB                             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 11  | E12 K14 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |             |             |             | Includes<br>RECEIVER<br>BOARD,<br>DISPLAY BOARD<br>and SWITCH<br>BOARD. |
|     | E12 K15 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |             |             |             |             |             |             | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             |                                                                         |
|     | E12 K16 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |             |             |             |             |             |             |             |             |             | 1           | 1           | 1           |             |             |             |             |             |             |                                                                         |
|     | E12 K17 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |             |             |             |             |             |             |             |             |             |             |             |             | 1           | 1           | 1           |             |             |             |                                                                         |
|     | E12 K18 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 1           | 1           | 1           |                                                                         |
| 12  | E12 F98 440 | POWER P.C.<br>BOARD              |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 13  | E12 F95 307 | INDOOR COIL<br>THERMISTOR        | RT12,RT13                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 14  | E12 B75 385 | VARISTOR                         | NR11                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 15  | E12 A49 382 | FUSE                             | F11                            | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | T3.15AL250V                                                             |
| 16  | E12 F95 784 | V.A. CLAMP                       |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 17  | E12 F95 541 | WATER CUT                        |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 18  | E12 F95 300 | INDOOR FAN<br>MOTOR              | MF                             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | RC0J40-□□<br>Includes FAN<br>MOTOR RUBBER<br>MOUNT<br>(2 PCS/SET)       |
| 19  | E12 F95 333 | MOTOR BAND                       |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |
| 20  | E12 F95 302 | LINE FLOW FAN                    |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                         |

## 1-8. INDOOR UNIT HEAT EXCHANGER

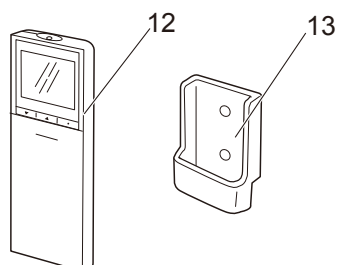
| No. | Part No.    | Part name             | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | Remarks |
|-----|-------------|-----------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|
|     |             |                       |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |         |
|     |             |                       |                                | 18          |             |             | 22          |             |             | 25          |             |             | 35          |             |             | 42          |             |             | 50          |             |             |         |
|     |             |                       |                                | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 | VE2W<br>-E1 | VE2B<br>-E1 | VE2S<br>-E1 |         |
| 21  | E12 F95 620 | INDOOR HEAT EXCHANGER |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |         |
|     | E12 F99 620 | INDOOR HEAT EXCHANGER |                                |             |             |             |             |             |             |             |             |             |             |             |             |             | 1           | 1           | 1           |             |             |         |
| 22  | E12 151 667 | UNION (LIQUID)        |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | ø6.35       |             |         |
| 23  | E12 815 666 | UNION (GAS)           |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             | ø9.52       |             |         |
|     | E12 155 666 | UNION (GAS)           |                                |             |             |             |             |             |             |             |             |             |             |             |             |             | 1           | 1           | 1           | ø12.7       |             |         |

MSZ-EF18VE2W -[ER1] MSZ-EF22VE2W -[ER1] MSZ-EF25VE2W -[ER1]  
 MSZ-EF18VE2B -[ER1] MSZ-EF22VE2B -[ER1] MSZ-EF25VE2B -[ER1]  
 MSZ-EF18VE2S -[ER1] MSZ-EF22VE2S -[ER1] MSZ-EF25VE2S -[ER1]  
 MSZ-EF35VE2W -[ER1] MSZ-EF42VE2W -[ER1] MSZ-EF50VE2W -[ER1]  
 MSZ-EF35VE2B -[ER1] MSZ-EF42VE2B -[ER1] MSZ-EF50VE2B -[ER1]  
 MSZ-EF35VE2S -[ER1] MSZ-EF42VE2S -[ER1] MSZ-EF50VE2S -[ER1]

## 1-9. INDOOR UNIT STRUCTURAL PARTS



## 1-6. ACCESSORY AND REMOTE CONTROLLER



## 1-9. INDOOR UNIT STRUCTURAL PARTS

Part numbers that is circled is not shown in the illustration.

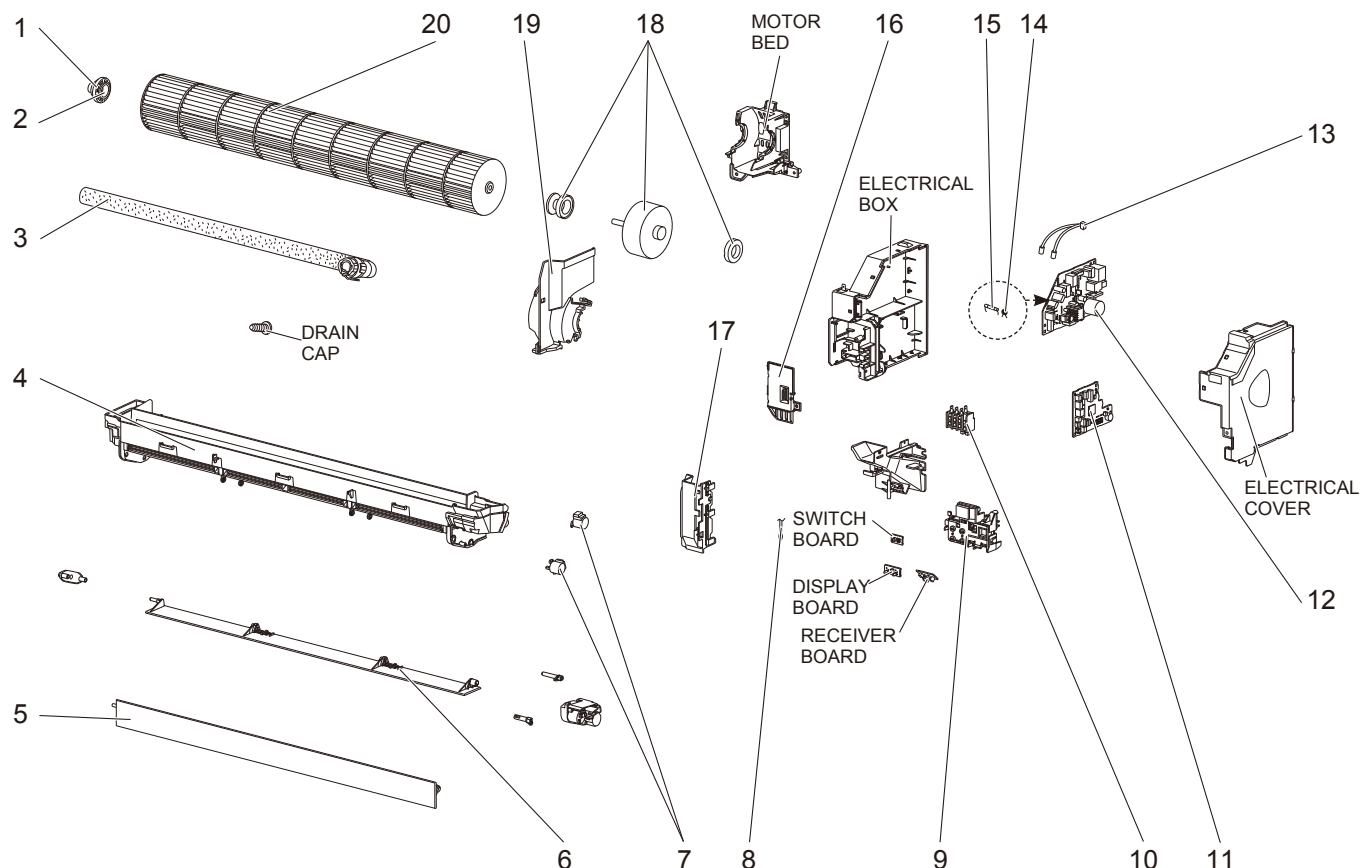
| No. | Part No.    | Part name               | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              | Remarks                     |
|-----|-------------|-------------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------------|
|     |             |                         |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                             |
|     |             |                         |                                | 18           |              |              | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |              |                             |
|     |             |                         |                                | VE2W<br>-ER1 | VE2B<br>-ER1 | VE2S<br>-ER1 | VE2W<br>-ER1 | VE2B<br>-ER1 | VE2S<br>-ER1 | VE2W<br>-ER1 | VE2B<br>-ER1 | VE2S<br>-ER1 | VE2W<br>-ER1 | VE2B<br>-ER1 | VE2S<br>-ER1 | VE2W<br>-ER1 | VE2B<br>-ER1 | VE2S<br>-ER1 | VE2W<br>-ER1 | VE2B<br>-ER1 | VE2S<br>-ER1 |                             |
| 1   | E12 F95 234 | BOX ASSEMBLY            |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                             |
|     | E12 G21 234 | BOX ASSEMBLY            |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                             |
|     | E12 G26 234 | BOX ASSEMBLY            |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                             |
| 2   | E12 F95 976 | CORNER BOX LEFT         |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                             |
|     | E12 G21 976 | CORNER BOX LEFT         |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                             |
|     | E12 G26 976 | CORNER BOX LEFT         |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                             |
| 3   | E12 M42 000 | PANEL ASSEMBLY          |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | Includes No.<br>4, 5, and 6 |
|     | E12 M38 000 | PANEL ASSEMBLY          |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | Includes No.<br>4, 5, and 6 |
|     | E12 M40 000 | PANEL ASSEMBLY          |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            | Includes No.<br>4, 5, and 6 |
| 4   | E12 F95 142 | CATCH                   |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2 PCS/SET                   |
| 5   | E12 F95 067 | SCREW CAP               |                                | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2 PCS/SET                   |
|     | E12 G21 067 | SCREW CAP               |                                |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              | 2 PCS/SET                   |
|     | E12 G26 067 | SCREW CAP               |                                |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            | 2 PCS/SET                   |
| 6   | E12 M42 010 | FRONT PANEL             |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                             |
|     | E12 M38 010 | FRONT PANEL             |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                             |
|     | E12 M40 010 | FRONT PANEL             |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                             |
| 7   | —           | AIR CLEANING<br>FILTER  |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 1 PC/SET                    |
| 8   | E12 F95 100 | NANO PLATINUM<br>FILTER |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 1 PC/SET                    |
| 9   | E12 F95 975 | CORNER BOX RIGHT        |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                             |
|     | E12 G21 975 | CORNER BOX RIGHT        |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                             |
|     | E12 G26 975 | CORNER BOX RIGHT        |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                             |
| 10  | E12 F95 970 | INSTALLATION<br>PLATE   |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                             |
| ⑪   | —           | SOFT DRY CLOTH          |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | MAC-<br>1001CL-E            |

## 1-10. ACCESSORY AND REMOTE CONTROLLER

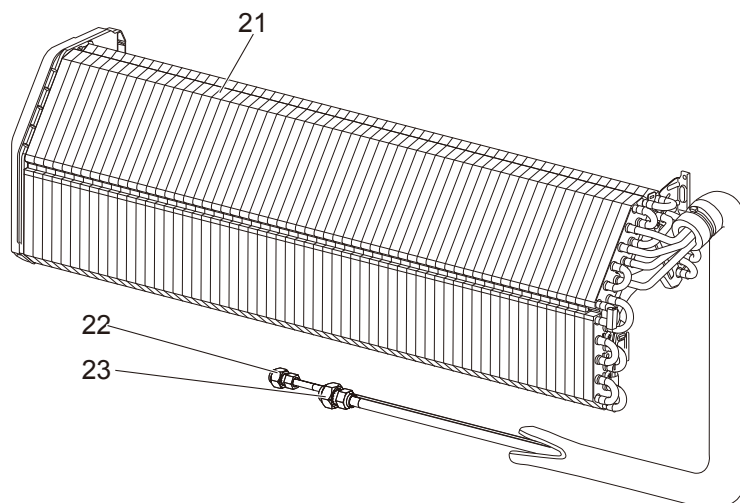
| No. | Part No.    | Part name                      | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      | Remarks |
|-----|-------------|--------------------------------|--------------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|---------|
|     |             |                                |                                | MSZ-EF    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |         |
|     |             |                                |                                | 18        |      |      | 22   |      |      | 25   |      |      | 35   |      |      | 42   |      |      | 50   |       |      |         |
|     |             |                                |                                | VE2W      | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B  | VE2S |         |
|     |             |                                |                                | ER1       | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  |      |       |      |         |
| 12  | E12 M42 426 | REMOTE<br>CONTROLLER           |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | SG14D |      |         |
| 13  | E12 F28 083 | REMOTE<br>CONTROLLER<br>HOLDER |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |       |      |         |

MSZ-EF18VE2W -[ER1] MSZ-EF22VE2W -[ER1] MSZ-EF25VE2W -[ER1]  
 MSZ-EF18VE2B -[ER1] MSZ-EF22VE2B -[ER1] MSZ-EF25VE2B -[ER1]  
 MSZ-EF18VE2S -[ER1] MSZ-EF22VE2S -[ER1] MSZ-EF25VE2S -[ER1]  
 MSZ-EF35VE2W -[ER1] MSZ-EF42VE2W -[ER1] MSZ-EF50VE2W -[ER1]  
 MSZ-EF35VE2B -[ER1] MSZ-EF42VE2B -[ER1] MSZ-EF50VE2B -[ER1]  
 MSZ-EF35VE2S -[ER1] MSZ-EF42VE2S -[ER1] MSZ-EF50VE2S -[ER1]

## 1-11. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



## 1-12. INDOOR UNIT HEAT EXCHANGER



## 1-11. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

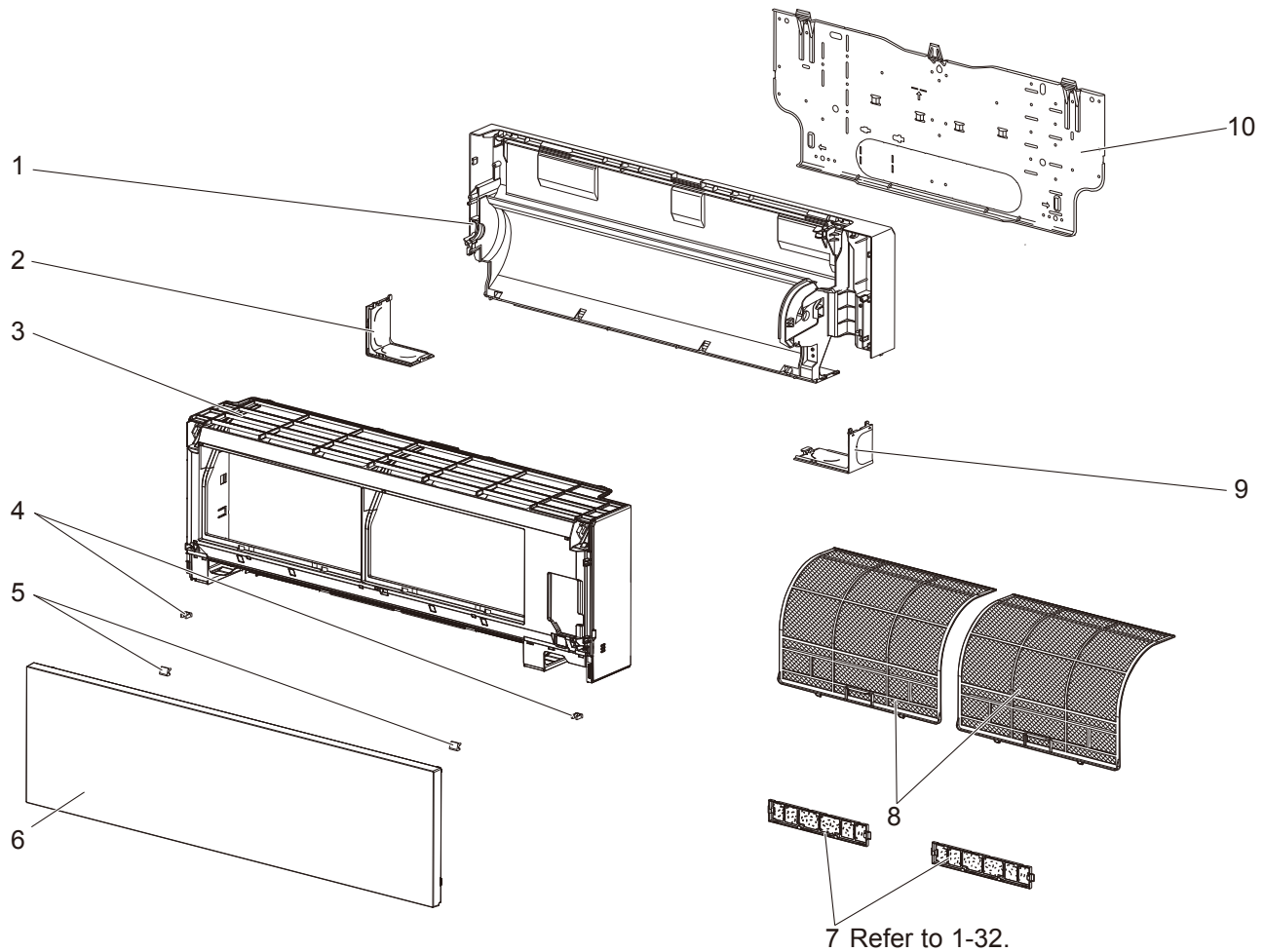
| No. | Part No.    | Part name                        | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Remarks                                                                    |      |      |
|-----|-------------|----------------------------------|--------------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------------------------------------------------------|------|------|
|     |             |                                  |                                | MSZ-EF    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                                                            |      |      |
|     |             |                                  |                                | 18        |      |      | 22   |      |      | 25   |      |      | 35   |      |      | 42   |      |      | 50   |                                                                            |      |      |
|     |             |                                  |                                | VE2W      | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W |                                                                            | VE2B | VE2S |
|     |             |                                  | ER1                            | ER1       | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  |                                                                            |      |      |
| 1   | E12 751 509 | BEARING MOUNT                    |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |                                                                            |      |      |
| 2   | E12 001 504 | SLEEVE BEARING                   |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 3   | E12 897 702 | DRAIN HOSE                       |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 4   | E12 F95 235 | NOZZLE ASSEMBLY                  |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |                                                                            |      |      |
|     | E12 G21 235 | NOZZLE ASSEMBLY                  |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      | 1    |                                                                            |      |      |
|     | E12 G26 235 | NOZZLE ASSEMBLY                  |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      | 1                                                                          |      |      |
| 5   | E12 F95 040 | VANE UPPER                       |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |                                                                            |      |      |
|     | E12 G21 040 | VANE UPPER                       |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      | 1    |                                                                            |      |      |
|     | E12 G26 040 | VANE UPPER                       |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      | 1                                                                          |      |      |
| 6   | E12 F95 041 | VANE LOWER                       |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |                                                                            |      |      |
|     | E12 G21 041 | VANE LOWER                       |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      | 1    |                                                                            |      |      |
|     | E12 G26 041 | VANE LOWER                       |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      | 1                                                                          |      |      |
| 7   | E12 A89 303 | VANE MOTOR                       | MV                             | 2         | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | UP & DOWN,<br>1 PC/SET                                                     |      |      |
| 8   | E12 F95 308 | ROOM TEMPERATURE<br>THERMISTOR   | RT11                           | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 9   | E12 F95 095 | DISPLAY P.C.<br>BOARD HOLDER     |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 10  | E12 F95 375 | TERMINAL BLOCK                   | TB                             | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 11  | E12 K14 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                | 1         | 1    | 1    | 1    | 1    | 1    |      |      |      |      |      |      |      |      |      |      | Includes<br>RECEIVER<br>BOARD,<br>DISPLAY<br>BOARD and<br>SWITCH<br>BOARD. |      |      |
|     | E12 K15 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |           |      |      |      |      |      | 1    | 1    | 1    |      |      |      |      |      |      |      |                                                                            |      |      |
|     | E12 K16 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |           |      |      |      |      |      |      |      | 1    | 1    | 1    |      |      |      |      |      |                                                                            |      |      |
|     | E12 K17 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |           |      |      |      |      |      |      |      |      |      |      | 1    | 1    | 1    |      |      |                                                                            |      |      |
|     | E12 K18 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |           |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1    |                                                                            | 1    |      |
| 12  | E12 F98 440 | POWER P.C. BOARD                 |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 13  | E12 F95 307 | INDOOR COIL<br>THERMISTOR        | RT12,RT13                      | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 14  | E12 B75 385 | VARISTOR                         | NR11                           | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 15  | E12 A49 382 | FUSE                             | F11                            | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | T3.15AL250V                                                                |      |      |
| 16  | E12 F95 784 | V.A. CLAMP                       |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 17  | E12 F95 541 | WATER CUT                        |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 18  | E12 F95 300 | INDOOR FAN<br>MOTOR              | MF                             | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | RC0J40-□□<br>Includes FAN<br>MOTOR RUBBER<br>MOUNT<br>(2 PCS/SET)          |      |      |
| 19  | E12 F95 333 | MOTOR BAND                       |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |
| 20  | E12 F95 302 | LINE FLOW FAN                    |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1                                                                          |      |      |

## 1-12. INDOOR UNIT HEAT EXCHANGER

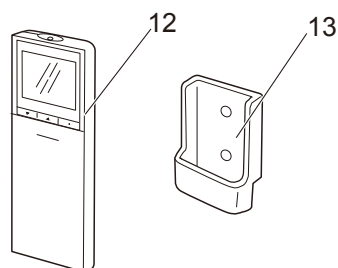
| No. | Part No.    | Part name             | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Remarks |      |      |
|-----|-------------|-----------------------|--------------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|
|     |             |                       |                                | MSZ-EF    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |      |
|     |             |                       |                                | 18        |      |      | 22   |      |      | 25   |      |      | 35   |      |      | 42   |      |      | 50   |         |      |      |
|     |             |                       |                                | VE2W      | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W | VE2B | VE2S | VE2W |         | VE2B | VE2S |
|     |             |                       | ER1                            | ER1       | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  | ER1  |         |      |      |
| 21  | E12 F95 620 | INDOOR HEAT EXCHANGER |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |      |      |         |      |      |
|     | E12 F99 620 | INDOOR HEAT EXCHANGER |                                |           |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1    | 1    |         |      |      |
| 22  | E12 151 667 | UNION (LIQUID)        |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | ø6.35   |      |      |
| 23  | E12 815 666 | UNION (GAS)           |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      |      |      | ø9.52   |      |      |
|     | E12 155 666 | UNION (GAS)           |                                |           |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1    | 1    | ø12.7   |      |      |

MSZ-EF18VE3W -[E1] MSZ-EF22VE3W -[E1] MSZ-EF25VE3S -[E1] MSZ-EF42VE3B -[E1]  
 MSZ-EF18VE3B -[E1] MSZ-EF22VE3B -[E1] MSZ-EF35VE3S -[E1] MSZ-EF42VE3S -[E1]  
 MSZ-EF18VE3S -[E1] MSZ-EF22VE3S -[E1] MSZ-EF42VE3W -[E1] MSZ-EF50VE3S -[E1]

## 1-12. INDOOR UNIT STRUCTURAL PARTS



## 1-13. ACCESSORY AND REMOTE CONTROLLER



## 1-12. INDOOR UNIT STRUCTURAL PARTS

Part numbers that is circled is not shown in the illustration.

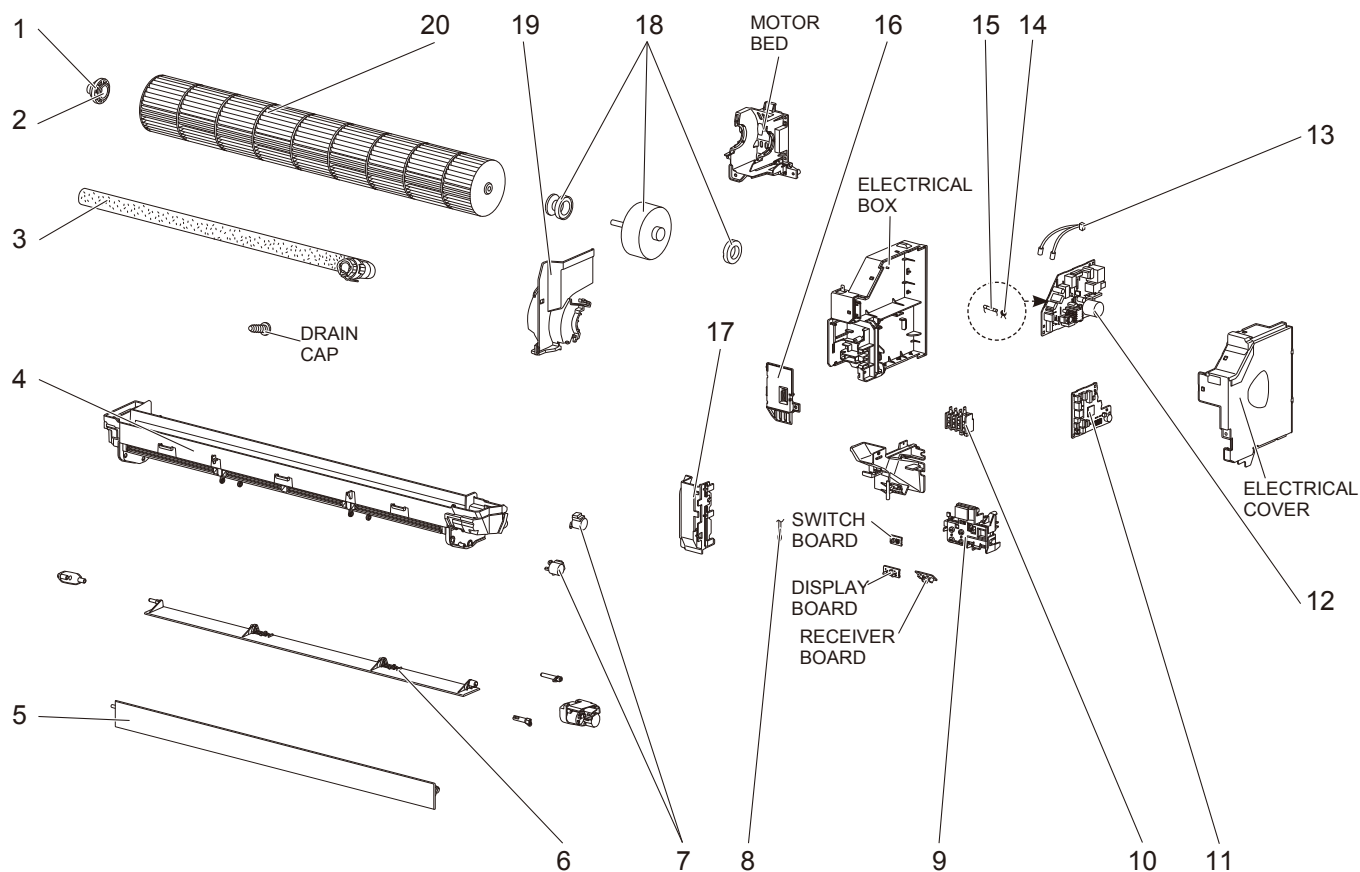
| No. | Part No.    | Part name                                                   | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             | Remarks                     |
|-----|-------------|-------------------------------------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------------|
|     |             |                                                             |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |                             |
|     |             |                                                             |                                | 18          |             |             | 22          |             |             | 25          | 35          | 42          |             |             | 50          |                             |
|     |             |                                                             |                                | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 |                             |
| 1   | E12 F95 234 | BOX ASSEMBLY                                                |                                | 1           |             |             | 1           |             |             |             |             | 1           |             |             |             |                             |
|     | E12 G21 234 | BOX ASSEMBLY                                                |                                |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             |                             |
|     | E12 G26 234 | BOX ASSEMBLY                                                |                                |             |             | 1           |             |             | 1           | 1           | 1           |             |             | 1           | 1           |                             |
| 2   | E12 F95 976 | CORNER BOX LEFT                                             |                                | 1           |             |             | 1           |             |             |             |             | 1           |             |             |             |                             |
|     | E12 G21 976 | CORNER BOX LEFT                                             |                                |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             |                             |
|     | E12 G26 976 | CORNER BOX LEFT                                             |                                |             |             | 1           |             |             | 1           | 1           | 1           |             |             | 1           | 1           |                             |
| 3   | E12 W14 000 | PANEL ASSEMBLY                                              |                                | 1           |             |             | 1           |             |             |             |             | 1           |             |             |             | Includes No.<br>4, 5, and 6 |
|     | E12 W26 000 | PANEL ASSEMBLY                                              |                                |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             | Includes No.<br>4, 5, and 6 |
|     | E12 W20 000 | PANEL ASSEMBLY                                              |                                |             |             | 1           |             |             | 1           | 1           | 1           |             |             | 1           | 1           | Includes No.<br>4, 5, and 6 |
| 4   | E12 F95 142 | CATCH                                                       |                                | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2 PCS/SET                   |
| 5   | E12 F95 067 | SCREW CAP                                                   |                                | 2           |             |             | 2           |             |             |             |             | 2           |             |             |             | 2 PCS/SET                   |
|     | E12 G21 067 | SCREW CAP                                                   |                                |             | 2           |             | 2           |             |             |             |             | 2           |             |             |             | 2 PCS/SET                   |
|     | E12 G26 067 | SCREW CAP                                                   |                                |             |             | 2           |             |             | 2           | 2           | 2           |             |             | 2           | 2           | 2 PCS/SET                   |
| 6   | E12 T21 010 | FRONT PANEL                                                 |                                | 1           |             |             | 1           |             |             |             |             | 1           |             |             |             |                             |
|     | E12 T25 010 | FRONT PANEL                                                 |                                |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             |                             |
|     | E12 T29 010 | FRONT PANEL                                                 |                                |             |             | 1           |             |             | 1           | 1           | 1           |             |             | 1           | 1           |                             |
| 7   | —           | AIR CLEANING FILTER<br>(SILVER-IONIZED AIR PURIFIER FILTER) |                                | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 1 PC/SET                    |
| 8   | E12 W14 100 | AIR FILTER<br>(AIR PURIFYING FILTER)                        |                                | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 1 PC/SET                    |
| 9   | E12 F95 975 | CORNER BOX RIGHT                                            |                                | 1           |             |             | 1           |             |             |             |             | 1           |             |             |             |                             |
|     | E12 G21 975 | CORNER BOX RIGHT                                            |                                |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             |                             |
|     | E12 G26 975 | CORNER BOX RIGHT                                            |                                |             |             | 1           |             |             | 1           | 1           | 1           |             |             | 1           | 1           |                             |
| 10  | E12 F95 970 | INSTALLATION<br>PLATE                                       |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                             |
| ⑪   | —           | SOFT DRY CLOTH                                              |                                |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             | MAC-<br>1001CL-E            |

## 1-13. ACCESSORY AND REMOTE CONTROLLER

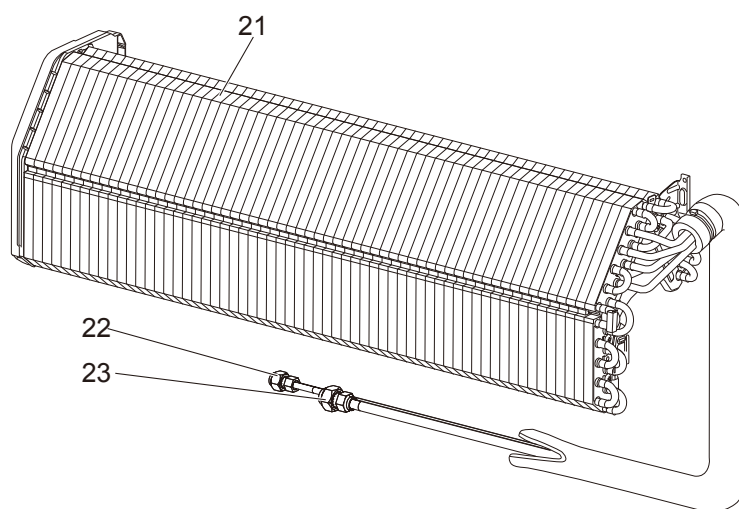
| No. | Part No.    | Part name                      | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             | Remarks |
|-----|-------------|--------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|
|     |             |                                |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |         |
|     |             |                                |                                | 18          |             |             | 22          |             |             | 25          | 35          | 42          |             |             | 50          |         |
|     |             |                                |                                | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 |         |
| 12  | E12 R80 426 | REMOTE<br>CONTROLLER           |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | SG15D       |         |
| 13  | E12 F28 083 | REMOTE<br>CONTROLLER<br>HOLDER |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |         |

MSZ-EF18VE3W -[E1] MSZ-EF22VE3W -[E1] MSZ-EF25VE3S -[E1] MSZ-EF42VE3B -[E1]  
 MSZ-EF18VE3B -[E1] MSZ-EF22VE3B -[E1] MSZ-EF35VE3S -[E1] MSZ-EF42VE3S -[E1]  
 MSZ-EF18VE3S -[E1] MSZ-EF22VE3S -[E1] MSZ-EF42VE3W -[E1] MSZ-EF50VE3S -[E1]

#### 1-14. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



#### 1-15. INDOOR UNIT HEAT EXCHANGER



## 1-14. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

| No. | Part No.    | Part name                        | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             | Remarks                                                              |
|-----|-------------|----------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------------------------------------------------|
|     |             |                                  |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |                                                                      |
|     |             |                                  |                                | 18          |             |             | 22          |             |             | 25          | 35          | 42          |             | 50          |             |                                                                      |
|     |             |                                  |                                | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 |                                                                      |
| 1   | E12 751 509 | BEARING MOUNT                    |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |                                                                      |
| 2   | E12 001 504 | SLEEVE BEARING                   |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |                                                                      |
| 3   | E12 897 702 | DRAIN HOSE                       |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |                                                                      |
| 4   | E12 F95 235 | NOZZLE ASSEMBLY                  |                                | 1           |             |             | 1           |             |             |             |             | 1           |             |             |             |                                                                      |
|     | E12 G21 235 | NOZZLE ASSEMBLY                  |                                |             | 1           |             |             | 1           |             |             |             |             | 1           |             |             |                                                                      |
|     | E12 G26 235 | NOZZLE ASSEMBLY                  |                                |             |             | 1           |             |             | 1           | 1           | 1           |             |             | 1           | 1           |                                                                      |
| 5   | E12 F95 040 | VANE UPPER                       |                                | 1           |             |             | 1           |             |             |             |             | 1           |             |             |             |                                                                      |
|     | E12 G21 040 | VANE UPPER                       |                                |             | 1           |             |             | 1           |             |             |             |             | 1           |             |             |                                                                      |
|     | E12 G26 040 | VANE UPPER                       |                                |             |             | 1           |             |             | 1           | 1           | 1           |             |             | 1           | 1           |                                                                      |
| 6   | E12 F95 041 | VANE LOWER                       |                                | 1           |             |             | 1           |             |             |             |             | 1           |             |             |             |                                                                      |
|     | E12 G21 041 | VANE LOWER                       |                                |             | 1           |             |             | 1           |             |             |             |             | 1           |             |             |                                                                      |
|     | E12 G26 041 | VANE LOWER                       |                                |             |             | 1           |             |             | 1           | 1           | 1           |             |             | 1           | 1           |                                                                      |
| 7   | E12 A89 303 | VANE MOTOR                       | MV                             | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | UP & DOWN,<br>1 PC/SET                                               |
| 8   | E12 F95 308 | ROOM TEMPERATURE<br>THERMISTOR   | RT11                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 9   | E12 F95 095 | DISPLAY P.C.<br>BOARD HOLDER     |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 10  | E12 T21 375 | TERMINAL BLOCK                   | TB                             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 11  | E12 K14 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             | Includes<br>RECEIVER<br>BOARD, DISPLAY<br>BOARD and<br>SWITCH BOARD. |
|     | E12 K15 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |             |             |             |             |             |             | 1           |             |             |             |             |             |                                                                      |
|     | E12 K16 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |             |             |             |             |             |             |             | 1           |             |             |             |             |                                                                      |
|     | E12 K17 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |             |             |             |             |             |             |             |             | 1           | 1           | 1           |             |                                                                      |
|     | E12 K18 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |             |             |             |             |             |             |             |             |             |             |             | 1           |                                                                      |
| 12  | E12 F98 440 | POWER P.C. BOARD                 |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 13  | E12 F95 307 | INDOOR COIL<br>THERMISTOR        | RT12,RT13                      | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 14  | E12 B75 385 | VARISTOR                         | NR11                           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 15  | E12 A49 382 | FUSE                             | F11                            | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | T3.15AL250V                                                          |
| 16  | E12 F95 784 | V.A. CLAMP                       |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 17  | E12 F95 541 | WATER CUT                        |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 18  | E12 J44 300 | INDOOR FAN<br>MOTOR              | MF                             | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | RC0J40-□□<br>Includes FAN<br>MOTOR RUBBER<br>MOUNT<br>(2 PCS/SET)    |
| 19  | E12 F95 333 | MOTOR BAND                       |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |
| 20  | E12 F95 302 | LINE FLOW FAN                    |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                      |

## 1-15. INDOOR UNIT HEAT EXCHANGER

| No. | Part No.    | Part name             | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             | Remarks |
|-----|-------------|-----------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|
|     |             |                       |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |         |
|     |             |                       |                                | 18          |             |             | 22          |             |             | 25          | 35          | 42          |             |             | 50          |         |
|     |             |                       |                                | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3S<br>-E1 | VE3S<br>-E1 |         |
| 21  | E12 F95 620 | INDOOR HEAT EXCHANGER |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |         |
|     | E12 F99 620 | INDOOR HEAT EXCHANGER |                                |             |             |             |             |             |             |             |             |             |             | 1           |             |         |
| 22  | E12 151 667 | UNION (LIQUID)        |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | ø6.35       |         |
| 23  | E12 815 666 | UNION (GAS)           |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             | ø9.52       |         |
|     | E12 155 666 | UNION (GAS)           |                                |             |             |             |             |             |             |             |             |             |             | 1           | ø12.7       |         |

**MSZ-EF25VE3W -[E1]**

**MSZ-EF25VE3B -[E1]**

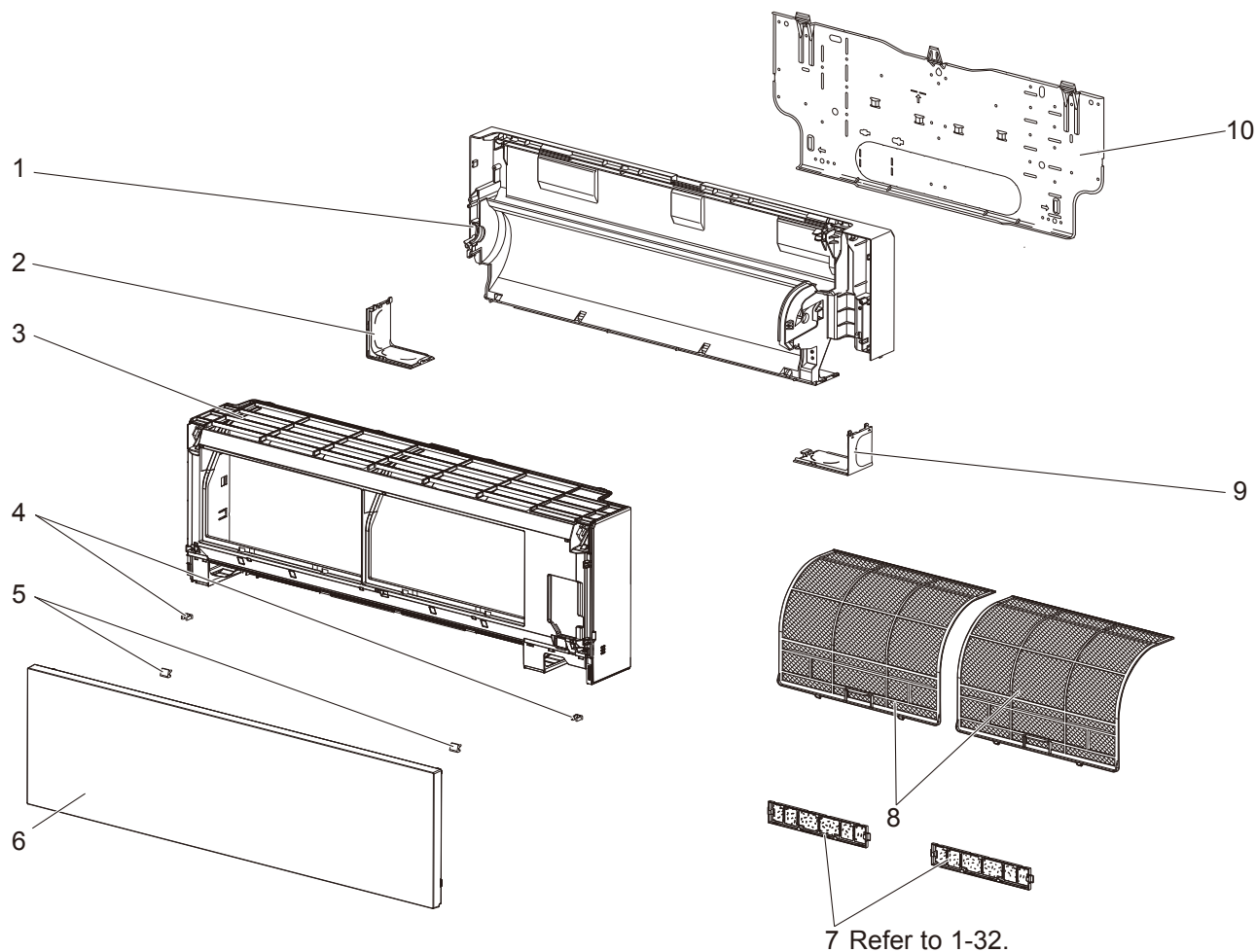
**MSZ-EF35VE3W -[E1]**

**MSZ-EF35VE3B -[E1]**

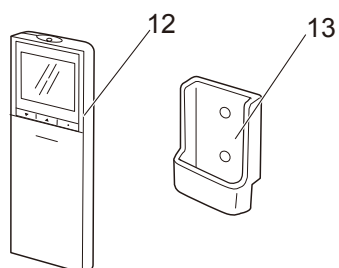
**MSZ-EF50VE3W -[E1]**

**MSZ-EF50VE3B -[E1]**

## 1-16. INDOOR UNIT STRUCTURAL PARTS



## 1-17. ACCESSORY AND REMOTE CONTROLLER



## 1-16. INDOOR UNIT STRUCTURAL PARTS

Part numbers that is circled is not shown in the illustration.

| No.  | Part No.    | Part name                                                   | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             | Remarks                  |
|------|-------------|-------------------------------------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------|
|      |             |                                                             |                                | MSZ-EF      |             |             |             |             |             |                          |
|      |             |                                                             |                                | 25          |             | 35          |             | 50          |             |                          |
|      |             |                                                             |                                | VE3W<br>-E1 | VE3B<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 |                          |
| 1    | E22 F95 234 | BOX ASSEMBLY                                                |                                | 1           |             | 1           |             | 1           |             |                          |
|      | E22 G21 234 | BOX ASSEMBLY                                                |                                |             | 1           |             | 1           |             | 1           |                          |
| 2    | E22 F95 976 | CORNER BOX LEFT                                             |                                | 1           |             | 1           |             | 1           |             |                          |
|      | E22 G21 976 | CORNER BOX LEFT                                             |                                |             | 1           |             | 1           |             | 1           |                          |
| 3    | E22 W14 000 | PANEL ASSEMBLY                                              |                                | 1           |             | 1           |             | 1           |             | Includes No. 4, 5, and 6 |
|      | E22 W26 000 | PANEL ASSEMBLY                                              |                                |             | 1           |             | 1           |             | 1           | Includes No. 4, 5, and 6 |
| 4    | E22 F95 142 | CATCH                                                       |                                | 2           | 2           | 2           | 2           | 2           | 2           | 2 PCS/SET                |
| 5    | E22 F95 067 | SCREW CAP                                                   |                                | 2           |             | 2           |             | 2           |             | 2 PCS/SET                |
|      | E22 G21 067 | SCREW CAP                                                   |                                |             | 2           |             | 2           |             | 2           | 2 PCS/SET                |
| 6    | E22 T21 010 | FRONT PANEL                                                 |                                | 1           |             | 1           |             | 1           |             |                          |
|      | E22 T25 010 | FRONT PANEL                                                 |                                |             | 1           |             | 1           |             | 1           |                          |
| 7    | —           | AIR CLEANING FILTER<br>(SILVER-IONIZED AIR PURIFIER FILTER) |                                | 2           | 2           | 2           | 2           | 2           | 2           | 1 PC/SET                 |
| 8    | E22 W14 100 | AIR FILTER<br>(AIR PURIFYING FILTER)                        |                                | 2           | 2           | 2           | 2           | 2           | 2           | 1 PC/SET                 |
| 9    | E22 F95 975 | CORNER BOX RIGHT                                            |                                | 1           |             | 1           |             | 1           |             |                          |
|      | E22 G21 975 | CORNER BOX RIGHT                                            |                                |             | 1           |             | 1           |             | 1           |                          |
| 10   | E22 F95 970 | INSTALLATION<br>PLATE                                       |                                | 1           | 1           | 1           | 1           | 1           | 1           |                          |
| (11) | —           | SOFT DRY CLOTH                                              |                                |             | 1           |             | 1           |             | 1           | MAC-1001CL-E             |

## 1-17. ACCESSORY AND REMOTE CONTROLLER

| No. | Part No.    | Part name                   | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             | Remarks |
|-----|-------------|-----------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|
|     |             |                             |                                | MSZ-EF      |             |             |             |             |             |         |
|     |             |                             |                                | 25          |             | 35          |             | 50          |             |         |
|     |             |                             |                                | VE3W<br>-E1 | VE3B<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 |         |
| 12  | E22 R80 426 | REMOTE<br>CONTROLLER        |                                | 1           | 1           | 1           | 1           | 1           | 1           | SG15D   |
| 13  | E22 F28 083 | REMOTE CONTROLLER<br>HOLDER |                                | 1           | 1           | 1           | 1           | 1           | 1           |         |

**MSZ-EF25VE3W -[E1]**

**MSZ-EF25VE3B -[E1]**

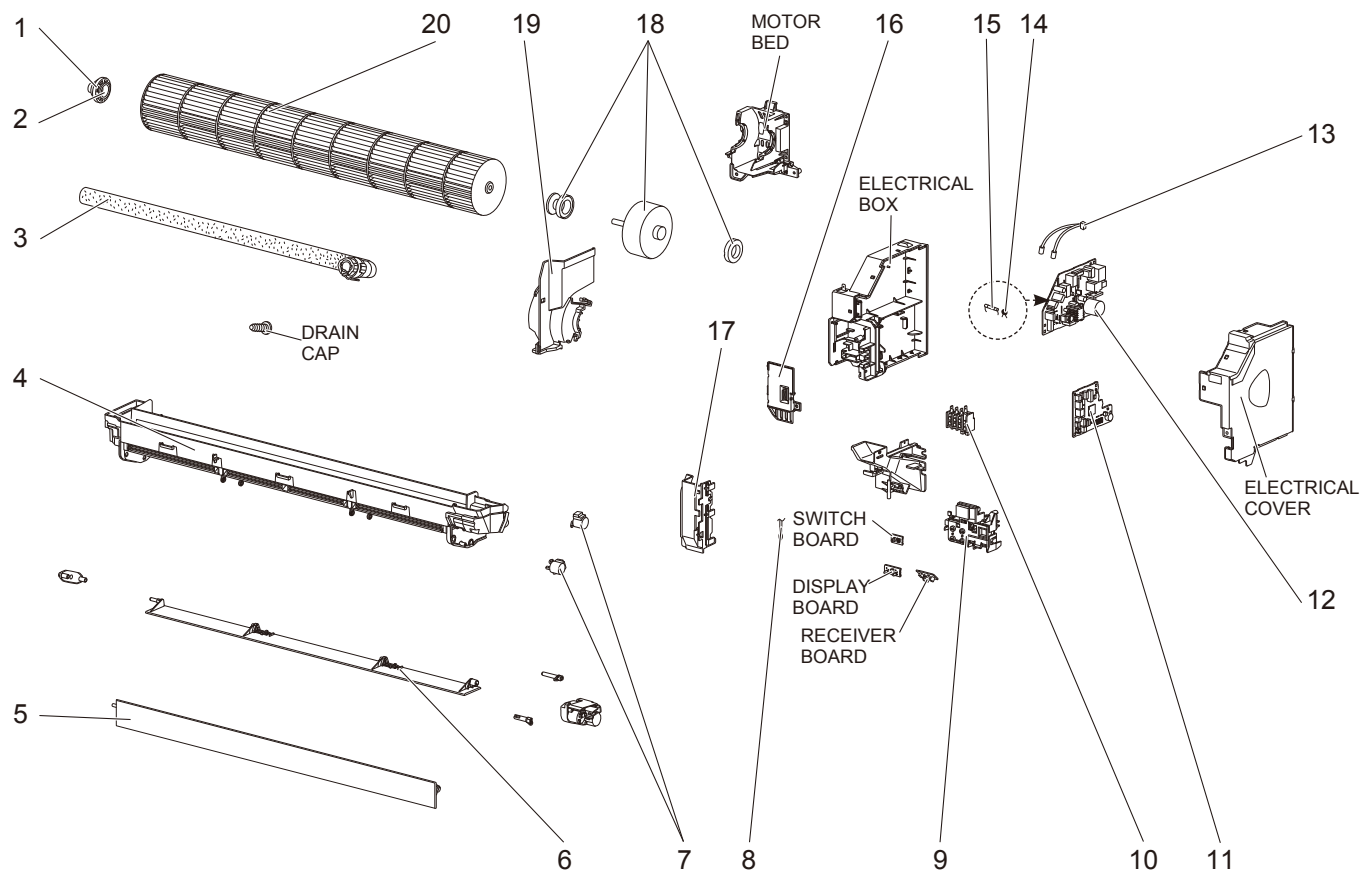
**MSZ-EF35VE3W -[E1]**

**MSZ-EF35VE3B -[E1]**

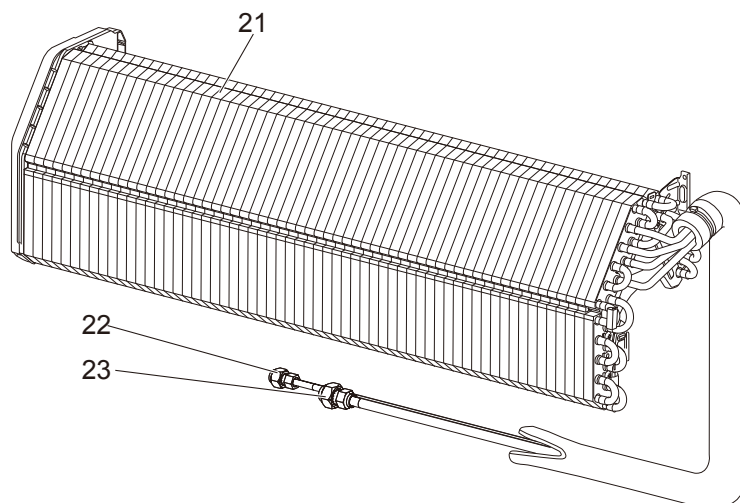
**MSZ-EF50VE3W -[E1]**

**MSZ-EF50VE3B -[E1]**

## 1-18. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



## 1-19. INDOOR UNIT HEAT EXCHANGER



## 1-18. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

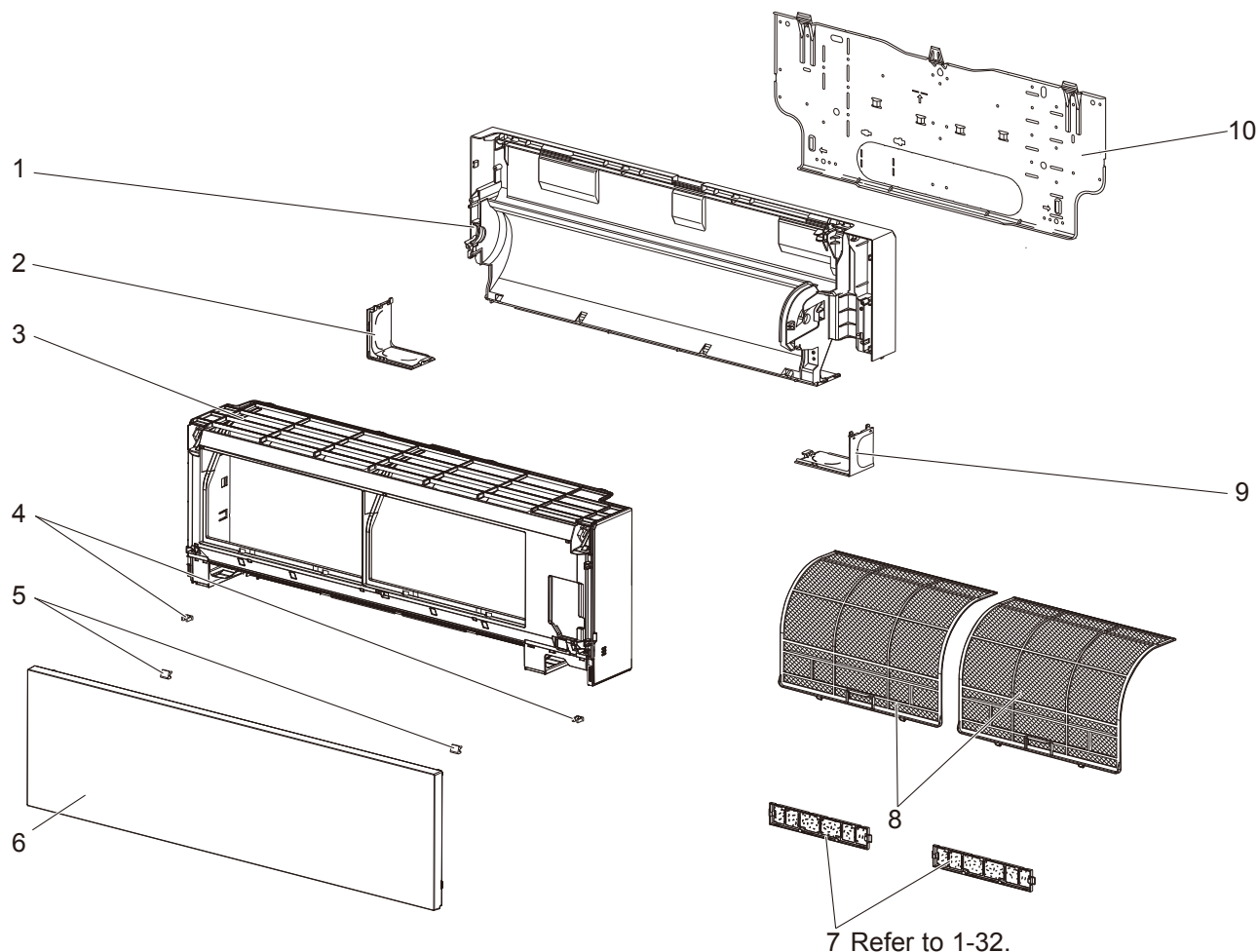
| No. | Part No.    | Part name                         | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             | Remarks                                                           |
|-----|-------------|-----------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------------------------------------------------|
|     |             |                                   |                                | MSZ-EF      |             |             |             |             |             |                                                                   |
|     |             |                                   |                                | 25          |             | 35          |             | 50          |             |                                                                   |
|     |             |                                   |                                | VE3W<br>-E1 | VE3B<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 |                                                                   |
| 1   | E22 751 509 | BEARING MOUNT                     |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 2   | E22 001 504 | SLEEVE BEARING                    |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 3   | E22 P72 702 | DRAIN HOSE                        |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 4   | E22 F95 235 | NOZZLE ASSEMBLY                   |                                | 1           |             | 1           |             | 1           |             |                                                                   |
|     | E22 G21 235 | NOZZLE ASSEMBLY                   |                                |             | 1           |             | 1           |             | 1           |                                                                   |
| 5   | E22 F95 040 | VANE UPPER                        |                                | 1           |             | 1           |             | 1           |             |                                                                   |
|     | E22 G21 040 | VANE UPPER                        |                                |             | 1           |             | 1           |             | 1           |                                                                   |
| 6   | E22 F95 041 | VANE LOWER                        |                                | 1           |             | 1           |             | 1           |             |                                                                   |
|     | E22 G21 041 | VANE LOWER                        |                                |             | 1           |             | 1           |             | 1           |                                                                   |
| 7   | E22 A89 303 | VANE MOTOR                        | MV                             | 2           | 2           | 2           | 2           | 2           | 2           | UP & DOWN, 1 PC/SET                                               |
| 8   | E22 F95 308 | ROOM<br>TEMPERATURE<br>THERMISTOR | RT11                           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 9   | E22 F95 095 | DISPLAY P.C. BOARD<br>HOLDER      |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 10  | E22 T21 375 | TERMINAL BLOCK                    | TB                             | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 11  | E22 K15 452 | ELECTRONIC<br>CONTROL P.C. BOARD  |                                | 1           | 1           |             |             |             |             | Includes RECEIVER<br>BOARD, DISPLAY<br>BOARD and SWITCH<br>BOARD. |
|     | E22 K16 452 | ELECTRONIC<br>CONTROL P.C. BOARD  |                                |             |             | 1           | 1           |             |             |                                                                   |
|     | E22 K18 452 | ELECTRONIC<br>CONTROL P.C. BOARD  |                                |             |             |             |             | 1           | 1           |                                                                   |
| 12  | E22 F98 440 | POWER P.C. BOARD                  |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 13  | E22 F95 307 | INDOOR COIL<br>THERMISTOR         | RT12, RT13                     | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 14  | E22 B75 385 | VARIATOR                          | NR11                           | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 15  | E22 A49 382 | FUSE                              | F11                            | 1           | 1           | 1           | 1           | 1           | 1           | T3.15AL250V                                                       |
| 16  | E22 F95 784 | V.A. CLAMP                        |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 17  | E22 F95 541 | WATER CUT                         |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 18  | E22 J44 300 | INDOOR FAN MOTOR                  | MF                             | 1           | 1           | 1           | 1           | 1           | 1           | RC0J40-□□<br>Includes FAN MOTOR<br>RUBBER MOUNT<br>(2 PCS/SET)    |
| 19  | E22 F95 333 | MOTOR BAND                        |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |
| 20  | E22 F95 302 | LINE FLOW FAN                     |                                | 1           | 1           | 1           | 1           | 1           | 1           |                                                                   |

## 1-19. INDOOR UNIT HEAT EXCHANGER

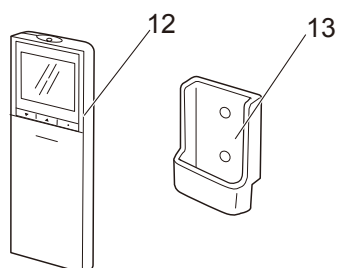
| No. | Part No.    | Part name             | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             | Remarks |
|-----|-------------|-----------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|
|     |             |                       |                                | MSZ-EF      |             |             |             |             |             |         |
|     |             |                       |                                | 25          |             | 35          |             | 50          |             |         |
|     |             |                       |                                | VE3W<br>-E1 | VE3B<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 | VE3W<br>-E1 | VE3B<br>-E1 |         |
| 21  | E22 F95 620 | INDOOR HEAT EXCHANGER |                                | 1           | 1           | 1           | 1           |             |             |         |
|     | E22 F99 620 | INDOOR HEAT EXCHANGER |                                |             |             |             |             | 1           | 1           |         |
| 22  | E22 151 667 | UNION (LIQUID)        |                                | 1           | 1           | 1           | 1           | 1           | 1           | ø6.35   |
| 23  | E22 815 666 | UNION (GAS)           |                                | 1           | 1           | 1           | 1           |             |             | ø9.52   |
|     | E22 155 666 | UNION (GAS)           |                                |             |             |             |             | 1           | 1           | ø12.7   |

MSZ-EF18VE3W -E2 MSZ-EF22VE3W -E2 MSZ-EF25VE3W -E2  
 MSZ-EF18VE3B -E2 MSZ-EF22VE3B -E2 MSZ-EF25VE3B -E2  
 MSZ-EF18VE3S -E2 MSZ-EF22VE3S -E2 MSZ-EF25VE3S -E2  
 MSZ-EF35VE3W -E2 MSZ-EF42VE3W -E2 MSZ-EF50VE3W -E2  
 MSZ-EF35VE3B -E2 MSZ-EF42VE3B -E2 MSZ-EF50VE3B -E2  
 MSZ-EF35VE3S -E2 MSZ-EF42VE3S -E2 MSZ-EF50VE3S -E2

## 1-20. INDOOR UNIT STRUCTURAL PARTS



## 1-21. ACCESSORY AND REMOTE CONTROLLER



## 1-20 INDOOR UNIT STRUCTURAL PARTS

Part numbers that is circled is not shown in the illustration.

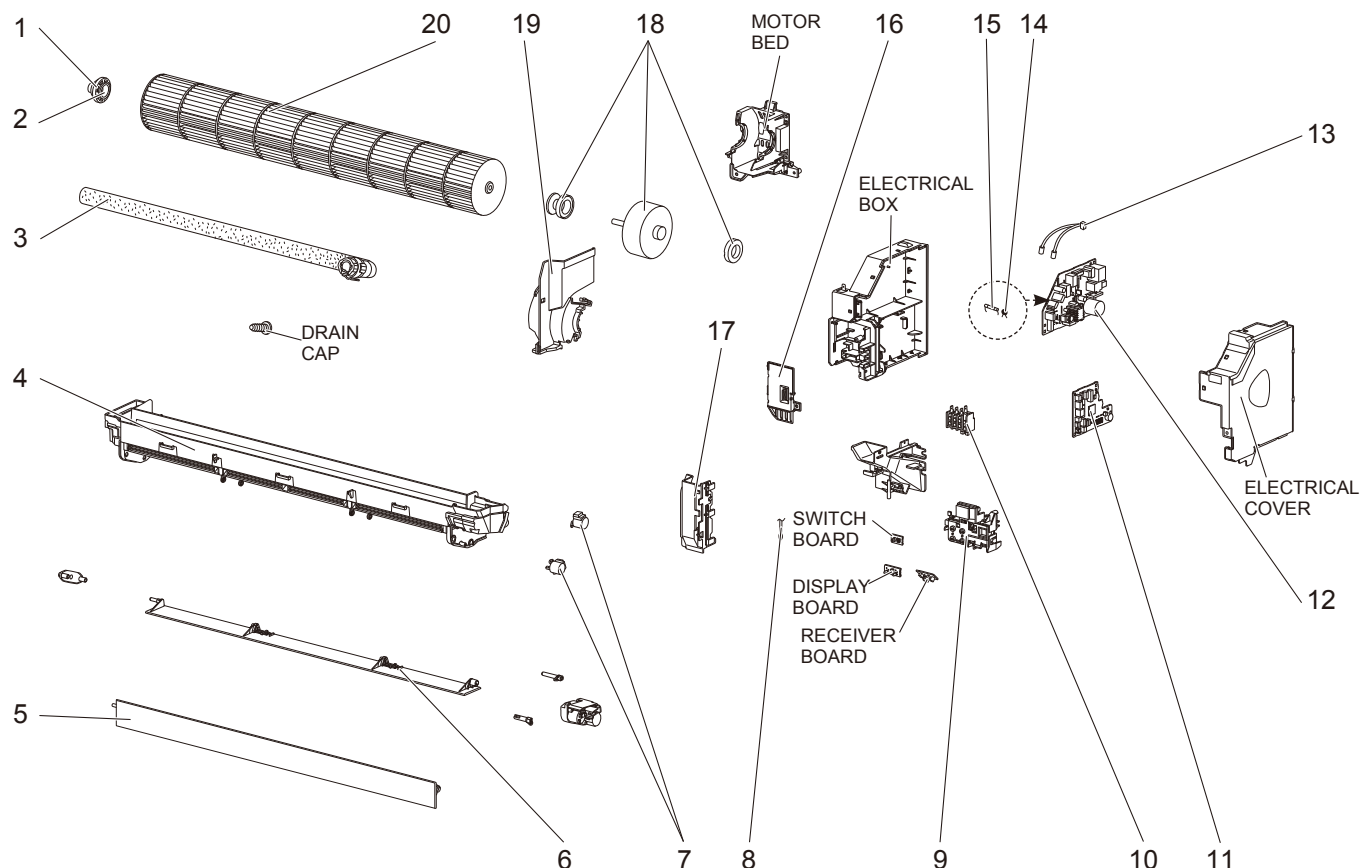
| No. | Part No.    | Part name                                                   | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | Remarks                     |
|-----|-------------|-------------------------------------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------------|
|     |             |                                                             |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                             |
|     |             |                                                             |                                | 18          |             |             | 22          |             |             | 25          |             |             | 35          |             |             | 42          |             |             | 50          |             |             |                             |
|     |             |                                                             |                                | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 |                             |
| 1   | E22 F95 234 | BOX ASSEMBLY                                                |                                | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             |                             |
|     | E22 G21 234 | BOX ASSEMBLY                                                |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |                             |
|     | E22 G26 234 | BOX ASSEMBLY                                                |                                |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |                             |
| 2   | E22 F95 976 | CORNER BOX LEFT                                             |                                | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             |                             |
|     | E22 G21 976 | CORNER BOX LEFT                                             |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |                             |
|     | E22 G26 976 | CORNER BOX LEFT                                             |                                |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |                             |
| 3   | E22 W14 000 | PANEL ASSEMBLY                                              |                                | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | Includes No.<br>4, 5, and 6 |
|     | E22 W26 000 | PANEL ASSEMBLY                                              |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             | Includes No.<br>4, 5, and 6 |
|     | E22 W20 000 | PANEL ASSEMBLY                                              |                                |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           | Includes No.<br>4, 5, and 6 |
| 4   | E22 F95 142 | CATCH                                                       |                                | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2 PCS/SET                   |
| 5   | E22 F95 067 | SCREW CAP                                                   |                                | 2           |             |             | 2           |             |             | 2           |             |             | 2           |             |             | 2           |             |             | 2           |             |             | 2 PCS/SET                   |
|     | E22 G21 067 | SCREW CAP                                                   |                                |             | 2           |             |             | 2           |             |             | 2           |             |             | 2           |             |             | 2           |             |             | 2           |             | 2 PCS/SET                   |
|     | E22 G26 067 | SCREW CAP                                                   |                                |             |             | 2           |             |             | 2           |             |             | 2           |             |             | 2           |             |             | 2           |             |             | 2           | 2 PCS/SET                   |
| 6   | E22 T21 010 | FRONT PANEL                                                 |                                | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             |                             |
|     | E22 T25 010 | FRONT PANEL                                                 |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |                             |
|     | E22 T29 010 | FRONT PANEL                                                 |                                |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |                             |
| 7   | —           | AIR CLEANING FILTER<br>(SILVER-IONIZED AIR PURIFIER FILTER) |                                | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 1 PC/SET                    |
| 8   | E22 W14 100 | AIR FILTER<br>(AIR PURIFYING FILTER)                        |                                | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 1 PC/SET                    |
| 9   | E22 F95 975 | CORNER BOX RIGHT                                            |                                | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             |                             |
|     | E22 G21 975 | CORNER BOX RIGHT                                            |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |                             |
|     | E22 G26 975 | CORNER BOX RIGHT                                            |                                |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |                             |
| 10  | E22 F95 970 | INSTALLATION<br>PLATE                                       |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |                             |
| ⑪   | —           | SOFT DRY CLOTH                                              |                                |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             |             | 1           |             | MAC-<br>1001CL-E            |

## 1-21. ACCESSORY AND REMOTE CONTROLLER

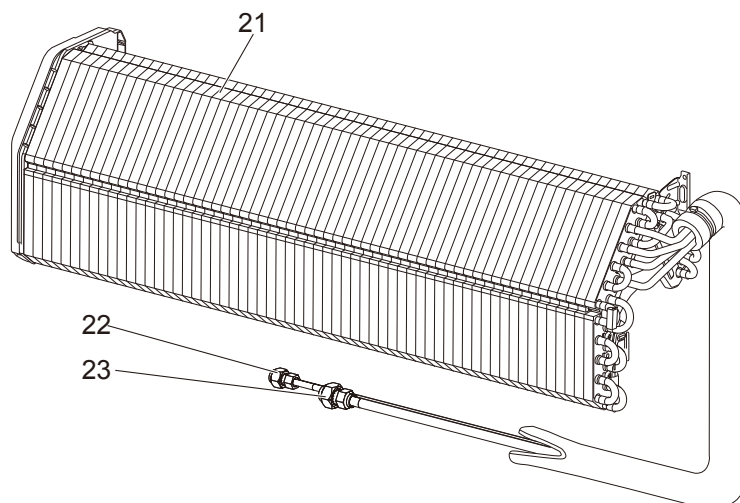
| No. | Part No.    | Part name                      | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | Remarks |
|-----|-------------|--------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|
|     |             |                                |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |         |
|     |             |                                |                                | 18          |             |             | 22          |             |             | 25          |             |             | 35          |             |             | 42          |             |             | 50          |             |             |         |
|     |             |                                |                                | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 |         |
| 12  | E22 R80 426 | REMOTE<br>CONTROLLER           |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | SG15D   |
| 13  | E22 F28 083 | REMOTE<br>CONTROLLER<br>HOLDER |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |         |

MSZ-EF18VE3W -E2 MSZ-EF22VE3W -E2 MSZ-EF25VE3W -E2  
 MSZ-EF18VE3B -E2 MSZ-EF22VE3B -E2 MSZ-EF25VE3B -E2  
 MSZ-EF18VE3S -E2 MSZ-EF22VE3S -E2 MSZ-EF25VE3S -E2  
 MSZ-EF35VE3W -E2 MSZ-EF42VE3W -E2 MSZ-EF50VE3W -E2  
 MSZ-EF35VE3B -E2 MSZ-EF42VE3B -E2 MSZ-EF50VE3B -E2  
 MSZ-EF35VE3S -E2 MSZ-EF42VE3S -E2 MSZ-EF50VE3S -E2

## 1-22. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



## 1-23. INDOOR UNIT HEAT EXCHANGER



## 1-22. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

| No. | Part No.    | Part name                     | Symbol<br>in Wiring<br>Diagram | Q'ty/unit |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Remarks |
|-----|-------------|-------------------------------|--------------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|
|     |             |                               |                                | MSZ-EF    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |
|     |             |                               |                                | 18        |      |      | 22   |      |      | 25   |      |      | 35   |      |      | 42   |      |      | 50   |      |      |         |
|     |             |                               |                                | VE3W      | VE3B | VE3S | VE3W | VE3B | VE3S | VE3W | VE3B | VE3S | VE3W | VE3B | VE3S | VE3W | VE3B | VE3S | VE3W | VE3B | VE3S |         |
|     |             |                               |                                |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |
| 1   | E22 751 509 | BEARING MOUNT                 |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |         |
| 2   | E22 001 504 | SLEEVE BEARING                |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 3   | E22 P72 702 | DRAIN HOSE                    |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 4   | E22 F95 235 | NOZZLE ASSEMBLY               |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      |         |
|     | E22 G21 235 | NOZZLE ASSEMBLY               |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |         |
|     | E22 G26 235 | NOZZLE ASSEMBLY               |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |         |
| 5   | E22 F95 040 | VANE UPPER                    |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      |         |
|     | E22 G21 040 | VANE UPPER                    |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |         |
|     | E22 G26 040 | VANE UPPER                    |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |         |
| 6   | E22 F95 041 | VANE LOWER                    |                                | 1         |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      |         |
|     | E22 G21 041 | VANE LOWER                    |                                |           | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |         |
|     | E22 G26 041 | VANE LOWER                    |                                |           |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |      |      | 1    |         |
| 7   | E22 A89 303 | VANE MOTOR                    | MV                             | 2         | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2       |
| 8   | E22 F95 308 | ROOM TEMPERATURE THERMISTOR   | RT11                           | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 9   | E22 F95 095 | DISPLAY P.C. BOARD HOLDER     |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 10  | E22 T21 375 | TERMINAL BLOCK                | TB                             | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 11  | E22 K14 452 | ELECTRONIC CONTROL P.C. BOARD |                                | 1         | 1    | 1    | 1    | 1    | 1    |      |      |      |      |      |      |      |      |      |      |      |      |         |
|     | E22 K15 452 | ELECTRONIC CONTROL P.C. BOARD |                                |           |      |      |      |      |      | 1    | 1    | 1    |      |      |      |      |      |      |      |      |      |         |
|     | E22 K16 452 | ELECTRONIC CONTROL P.C. BOARD |                                |           |      |      |      |      |      |      |      |      | 1    | 1    | 1    |      |      |      |      |      |      |         |
|     | E22 K17 452 | ELECTRONIC CONTROL P.C. BOARD |                                |           |      |      |      |      |      |      |      |      |      |      |      | 1    | 1    | 1    |      |      |      |         |
|     | E22 K18 452 | ELECTRONIC CONTROL P.C. BOARD |                                |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    | 1    | 1    |         |
| 12  | E22 F98 440 | POWER P.C. BOARD              |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 13  | E22 F95 307 | INDOOR COIL THERMISTOR        | RT12,RT13                      | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 14  | E22 B75 385 | VARISTOR                      | NR11                           | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 15  | E22 A49 382 | FUSE                          | F11                            | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 16  | E22 F95 784 | V.A. CLAMP                    |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 17  | E22 F95 541 | WATER CUT                     |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 18  | E22 J44 300 | INDOOR FAN MOTOR              | MF                             | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 19  | E22 F95 333 | MOTOR BAND                    |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |
| 20  | E22 F95 302 | LINE FLOW FAN                 |                                | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1       |

## 1-23. INDOOR UNIT HEAT EXCHANGER

| No. | Part No.    | Part name             | Symbol<br>in Wiring<br>Diagram | Q'ty/unit   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | Remarks |
|-----|-------------|-----------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|
|     |             |                       |                                | MSZ-EF      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |         |
|     |             |                       |                                | 18          |             |             | 22          |             |             | 25          |             |             | 35          |             |             | 42          |             |             | 50          |             |             |         |
|     |             |                       |                                | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 | VE3W<br>-E2 | VE3B<br>-E2 | VE3S<br>-E2 |         |
| 21  | E22 F95 620 | INDOOR HEAT EXCHANGER |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |         |
|     | E22 F99 620 | INDOOR HEAT EXCHANGER |                                |             |             |             |             |             |             |             |             |             |             |             |             |             | 1           | 1           | 1           |             |             |         |
| 22  | E22 151 667 | UNION (LIQUID)        |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | ø6.35       |         |
| 23  | E22 815 666 | UNION (GAS)           |                                | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             | ø9.52       |         |
|     | E22 155 666 | UNION (GAS)           |                                |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 1           | 1           | 1           | ø12.7       |         |

MSZ-EF22VE3W -[ER1] MSZ-EF25VE3W -[ER1] MSZ-EF35VE3W -[ER1]

MSZ-EF22VE3B -[ER1] MSZ-EF25VE3B -[ER1] MSZ-EF35VE3B -[ER1]

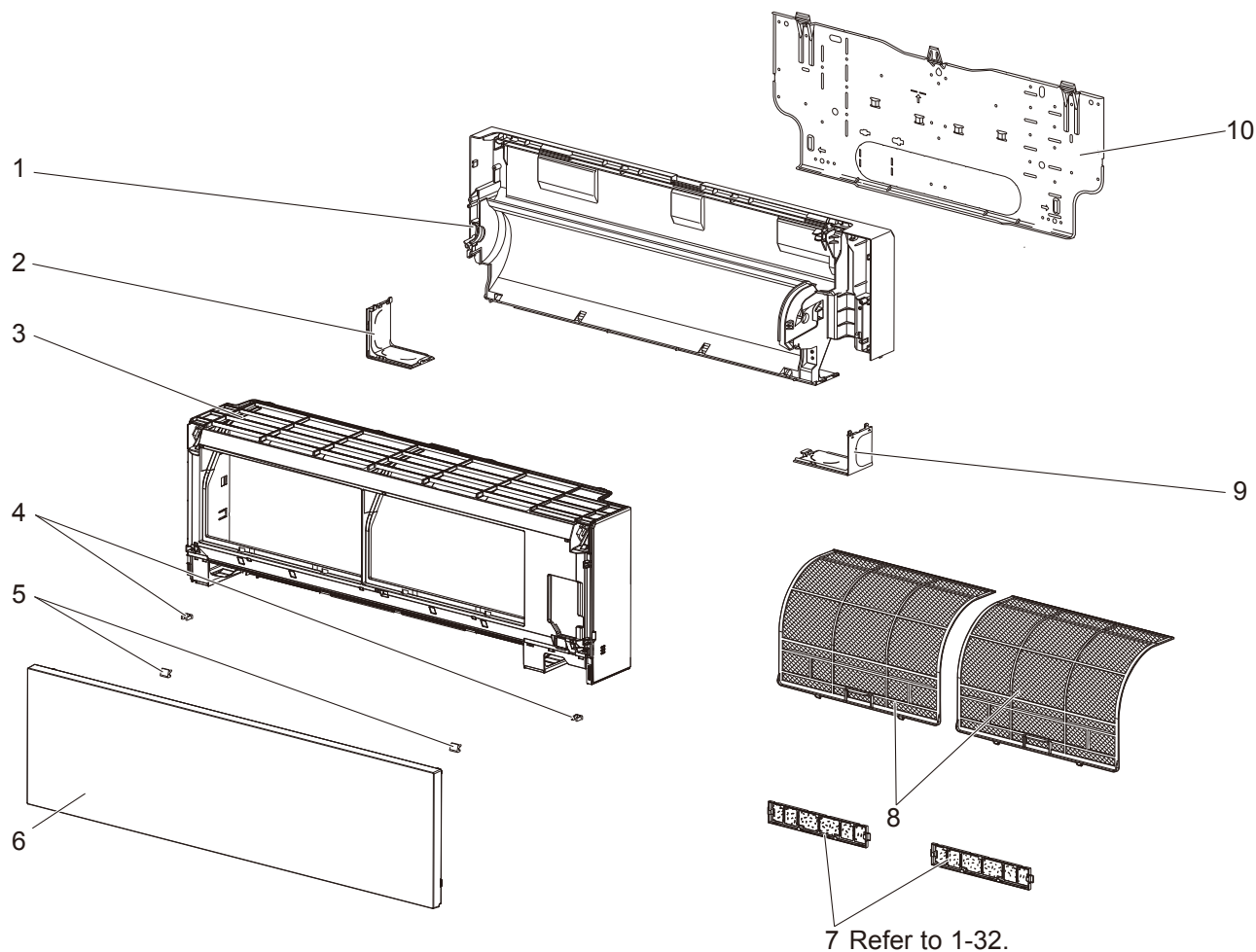
MSZ-EF22VE3S -[ER1] MSZ-EF25VE3S -[ER1] MSZ-EF35VE3S -[ER1]

MSZ-EF42VE3W -[ER1] MSZ-EF50VE3W -[ER1]

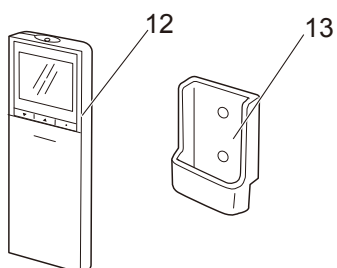
MSZ-EF42VE3B -[ER1] MSZ-EF50VE3B -[ER1]

MSZ-EF42VE3S -[ER1] MSZ-EF50VE3S -[ER1]

## 1-24. INDOOR UNIT STRUCTURAL PARTS



## 1-25. ACCESSORY AND REMOTE CONTROLLER



## 1-24. INDOOR UNIT STRUCTURAL PARTS

Part numbers that is circled is not shown in the illustration.

| No. | Part No.    | Part name                                                   | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |              | Remarks                     |
|-----|-------------|-------------------------------------------------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------------|
|     |             |                                                             |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                             |
|     |             |                                                             |                                | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |              |                             |
|     |             |                                                             |                                | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 |                             |
| 1   | E12 F95 234 | BOX ASSEMBLY                                                |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                             |
|     | E12 G21 234 | BOX ASSEMBLY                                                |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                             |
|     | E12 G26 234 | BOX ASSEMBLY                                                |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                             |
| 2   | E12 F95 976 | CORNER BOX LEFT                                             |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                             |
|     | E12 G21 976 | CORNER BOX LEFT                                             |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                             |
|     | E12 G26 976 | CORNER BOX LEFT                                             |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                             |
| 3   | E12 W32 000 | PANEL ASSEMBLY                                              |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | Includes<br>No. 4, 5, and 6 |
|     | E12 W44 000 | PANEL ASSEMBLY                                              |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | Includes<br>No. 4, 5, and 6 |
|     | E12 W38 000 | PANEL ASSEMBLY                                              |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            | Includes<br>No. 4, 5, and 6 |
| 4   | E12 F95 142 | CATCH                                                       |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2 PCS/SET                   |
| 5   | E12 F95 067 | SCREW CAP                                                   |                                | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2 PCS/SET                   |
|     | E12 G21 067 | SCREW CAP                                                   |                                |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              | 2 PCS/SET                   |
|     | E12 G26 067 | SCREW CAP                                                   |                                |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            | 2 PCS/SET                   |
| 6   | E12 T21 010 | FRONT PANEL                                                 |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                             |
|     | E12 T25 010 | FRONT PANEL                                                 |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                             |
|     | E12 T29 010 | FRONT PANEL                                                 |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                             |
| 7   | —           | AIR CLEANING FILTER<br>(SILVER-IONIZED AIR PURIFIER FILTER) |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 1 PC/SET                    |
| 8   | E12 W14 100 | AIR FILTER<br>(AIR PURIFYING FILTER)                        |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 1 PC/SET                    |
| 9   | E12 F95 975 | CORNER BOX RIGHT                                            |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                             |
|     | E12 G21 975 | CORNER BOX RIGHT                                            |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                             |
|     | E12 G26 975 | CORNER BOX RIGHT                                            |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                             |
| 10  | E12 F95 970 | INSTALLATION<br>PLATE                                       |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                             |
| ⑪   | —           | SOFT DRY CLOTH                                              |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | MAC-1001CL-E                |

## 1-25. ACCESSORY AND REMOTE CONTROLLER

| No. | Part No.    | Part name                      | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |              | Remarks |
|-----|-------------|--------------------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------|
|     |             |                                |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |              |         |
|     |             |                                |                                | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |              |         |
|     |             |                                |                                | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 |         |
| 12  | E12 R80 426 | REMOTE<br>CONTROLLER           |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | SG15D        |         |
| 13  | E12 F28 083 | REMOTE<br>CONTROLLER<br>HOLDER |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |              |         |

MSZ-EF22VE3W -[ER1] MSZ-EF25VE3W -[ER1] MSZ-EF35VE3W -[ER1]

MSZ-EF22VE3B -[ER1] MSZ-EF25VE3B -[ER1] MSZ-EF35VE3B -[ER1]

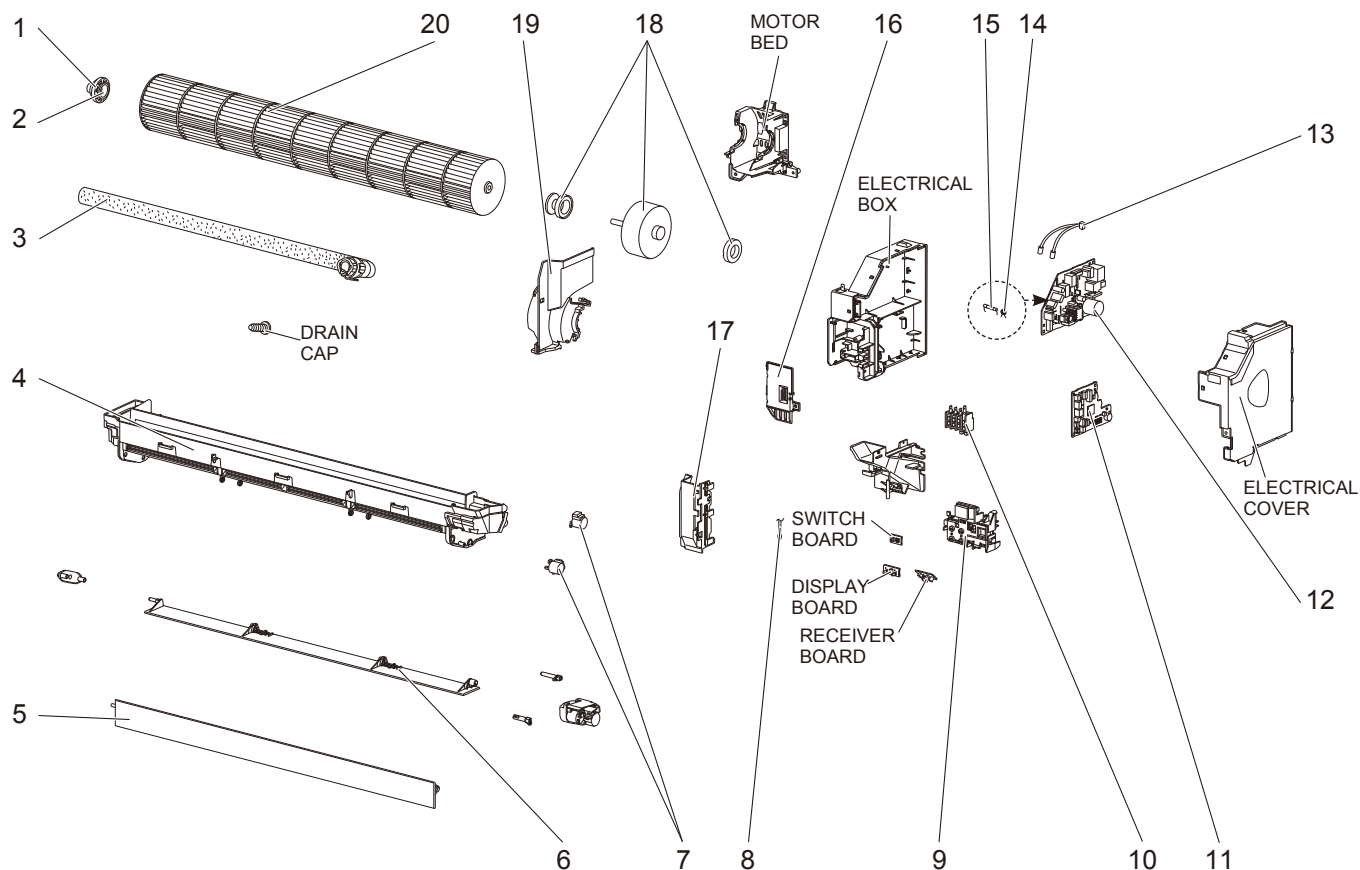
MSZ-EF22VE3S -[ER1] MSZ-EF25VE3S -[ER1] MSZ-EF35VE3S -[ER1]

MSZ-EF42VE3W -[ER1] MSZ-EF50VE3W -[ER1]

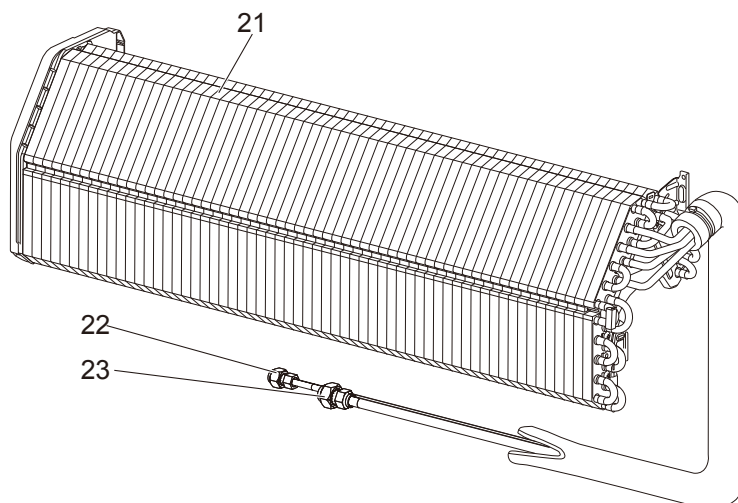
MSZ-EF42VE3B -[ER1] MSZ-EF50VE3B -[ER1]

MSZ-EF42VE3S -[ER1] MSZ-EF50VE3S -[ER1]

## 1-26. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



## 1-27. INDOOR UNIT HEAT EXCHANGER



## 1-26. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

| No. | Part No.    | Part name                        | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |                                                                      | Remarks |
|-----|-------------|----------------------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------------------------------------------------------|---------|
|     |             |                                  |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |                                                                      |         |
|     |             |                                  |                                | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |                                                                      |         |
|     |             |                                  |                                | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1                                                         |         |
| 1   | E12 751 509 | BEARING MOUNT                    |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |              |                                                                      |         |
| 2   | E12 001 504 | SLEEVE BEARING                   |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |         |
| 3   | E12 897 702 | DRAIN HOSE                       |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |         |
| 4   | E12 F95 235 | NOZZLE ASSEMBLY                  |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                                                                      |         |
|     | E12 G21 235 | NOZZLE ASSEMBLY                  |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | 1            |              |                                                                      |         |
|     | E12 G26 235 | NOZZLE ASSEMBLY                  |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | 1            |                                                                      |         |
| 5   | E12 F95 040 | VANE UPPER                       |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                                                                      |         |
|     | E12 G21 040 | VANE UPPER                       |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | 1            |              |                                                                      |         |
|     | E12 G26 040 | VANE UPPER                       |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | 1            |                                                                      |         |
| 6   | E12 F95 041 | VANE LOWER                       |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                                                                      |         |
|     | E12 G21 041 | VANE LOWER                       |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | 1            |              |                                                                      |         |
|     | E12 G26 041 | VANE LOWER                       |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              | 1            |                                                                      |         |
| 7   | E12 A89 303 | VANE MOTOR                       | MV                             | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | UP & DOWN,<br>1 PC/SET                                               |         |
| 8   | E12 F95 308 | ROOM TEMPERATURE<br>THERMISTOR   | RT11                           | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |         |
| 9   | E12 F95 095 | DISPLAY P.C.<br>BOARD HOLDER     |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |         |
| 10  | E12 T21 375 | TERMINAL BLOCK                   | TB                             | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |         |
| 11  | E12 K14 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                | 1            | 1            | 1            |              |              |              |              |              |              |              |              |              |              |              | Includes<br>RECEIVER<br>BOARD, DISPLAY<br>BOARD and<br>SWITCH BOARD. |         |
|     | E12 K15 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |              |              |              | 1            | 1            | 1            |              |              |              |              |              |              |              |              |                                                                      |         |
|     | E12 K16 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |              |              |              |              |              |              | 1            | 1            | 1            |              |              |              |              |              |                                                                      |         |
|     | E12 K17 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |              |              |              |              |              |              |              |              |              | 1            | 1            | 1            |              |              |                                                                      |         |
|     | E12 K18 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |              |              |              |              |              |              |              |              |              |              |              |              | 1            | 1            |                                                                      | 1       |
| 12  | E12 F98 440 | POWER P.C.<br>BOARD              |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1                                                                    |         |
| 13  | E12 F95 307 | INDOOR COIL<br>THERMISTOR        | RT12,RT13                      | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1                                                                    |         |
| 14  | E12 B75 385 | VARISTOR                         | NR11                           | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1                                                                    |         |
| 15  | E12 A49 382 | FUSE                             | F11                            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | T3.15AL250V                                                          |         |
| 16  | E12 F95 784 | V.A. CLAMP                       |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1                                                                    |         |
| 17  | E12 F95 541 | WATER CUT                        |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1                                                                    |         |
| 18  | E12 J44 300 | INDOOR FAN<br>MOTOR              | MF                             | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | RC0J40-□□<br>Includes FAN<br>MOTOR RUBBER<br>MOUNT<br>(2 PCS/SET)    |         |
| 19  | E12 F95 333 | MOTOR BAND                       |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1                                                                    |         |
| 20  | E12 F95 302 | LINE FLOW FAN                    |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1                                                                    |         |

## 1-27. INDOOR UNIT HEAT EXCHANGER

| No. | Part No.    | Part name             | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |              | Remarks |
|-----|-------------|-----------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------|
|     |             |                       |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |              |         |
|     |             |                       |                                | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |              |         |
|     |             |                       |                                | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 | VE3W<br>-ER1 | VE3B<br>-ER1 | VE3S<br>-ER1 |         |
| 21  | E12 F95 620 | INDOOR HEAT EXCHANGER |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |              |              |              |              |         |
|     | E12 F99 620 | INDOOR HEAT EXCHANGER |                                |              |              |              |              |              |              |              |              |              |              |              | 1            | 1            | 1            |              |         |
| 22  | E12 151 667 | UNION (LIQUID)        |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | ø6.35        |         |
| 23  | E12 815 666 | UNION (GAS)           |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |              |              |              | ø9.52        |         |
|     | E12 155 666 | UNION (GAS)           |                                |              |              |              |              |              |              |              |              |              |              |              | 1            | 1            | 1            | ø12.7        |         |

MSZ-EF22VE3W -[ER2] MSZ-EF25VE3W -[ER2] MSZ-EF35VE3W -[ER2]

MSZ-EF22VE3B -[ER2] MSZ-EF25VE3B -[ER2] MSZ-EF35VE3B -[ER2]

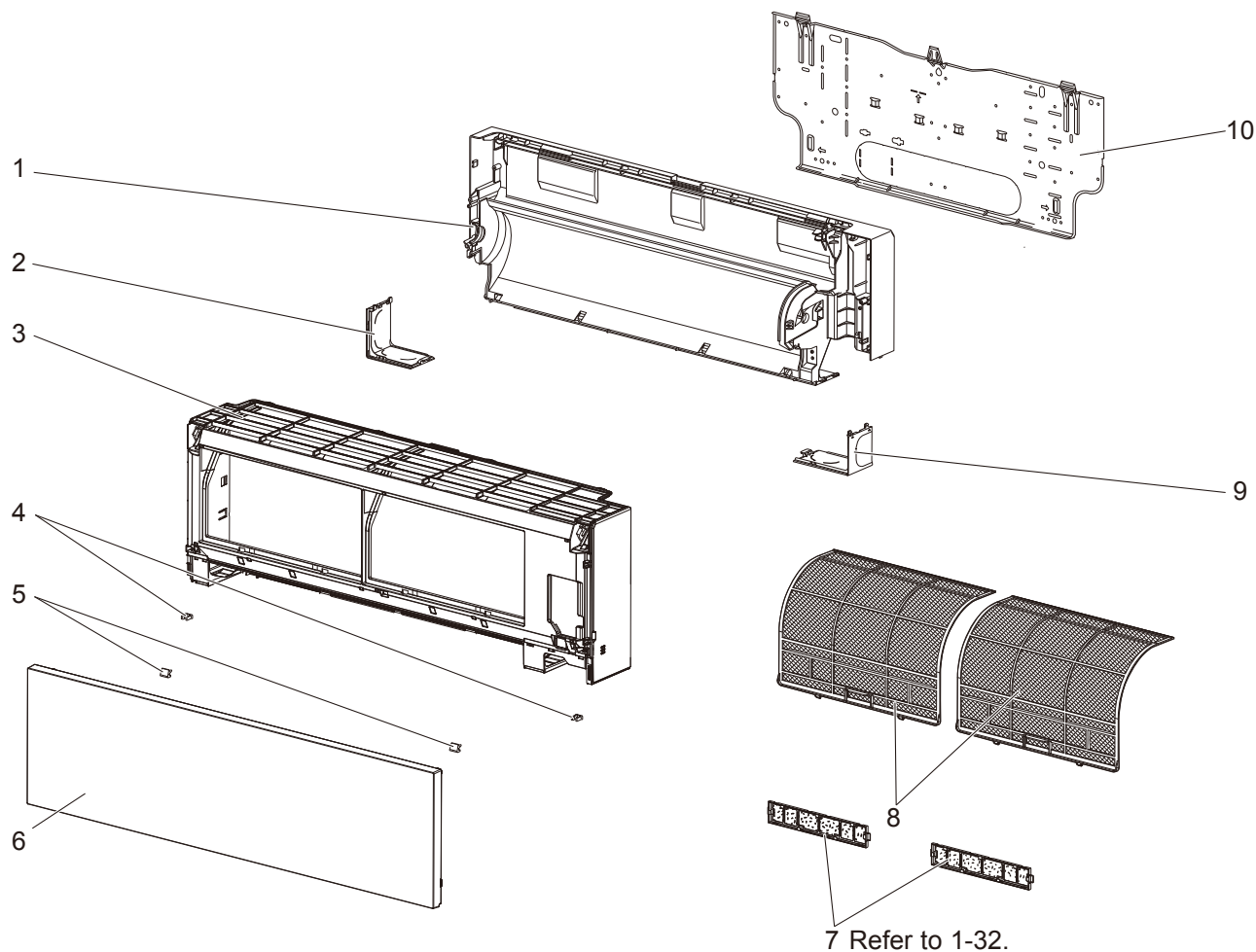
MSZ-EF22VE3S -[ER2] MSZ-EF25VE3S -[ER2] MSZ-EF35VE3S -[ER2]

MSZ-EF42VE3W -[ER2] MSZ-EF50VE3W -[ER2]

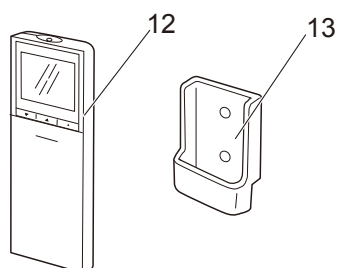
MSZ-EF42VE3B -[ER2] MSZ-EF50VE3B -[ER2]

MSZ-EF42VE3S -[ER2] MSZ-EF50VE3S -[ER2]

## 1-28. INDOOR UNIT STRUCTURAL PARTS



## 1-29. ACCESSORY AND REMOTE CONTROLLER



## 1-28. INDOOR UNIT STRUCTURAL PARTS

Part numbers that is circled is not shown in the illustration.

| No. | Part No.    | Part name                                                   | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |   | Remarks                     |
|-----|-------------|-------------------------------------------------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---|-----------------------------|
|     |             |                                                             |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |              |   |                             |
|     |             |                                                             |                                | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |              |   |                             |
|     |             |                                                             |                                | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 |   |                             |
| 1   | E22 F95 234 | BOX ASSEMBLY                                                |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |   |                             |
|     | E22 G21 234 | BOX ASSEMBLY                                                |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |   |                             |
|     | E22 G26 234 | BOX ASSEMBLY                                                |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |   |                             |
| 2   | E22 F95 976 | CORNER BOX LEFT                                             |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |   |                             |
|     | E22 G21 976 | CORNER BOX LEFT                                             |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |   |                             |
|     | E22 G26 976 | CORNER BOX LEFT                                             |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |   |                             |
| 3   | E22 W32 000 | PANEL ASSEMBLY                                              |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |   | Includes<br>No. 4, 5, and 6 |
|     | E22 W44 000 | PANEL ASSEMBLY                                              |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |   | Includes<br>No. 4, 5, and 6 |
|     | E22 W38 000 | PANEL ASSEMBLY                                              |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |   | Includes<br>No. 4, 5, and 6 |
| 4   | E22 F95 142 | CATCH                                                       |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2 | 2 PCS/SET                   |
| 5   | E22 F95 067 | SCREW CAP                                                   |                                | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              |   | 2 PCS/SET                   |
|     | E22 G21 067 | SCREW CAP                                                   |                                |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |   | 2 PCS/SET                   |
|     | E22 G26 067 | SCREW CAP                                                   |                                |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |              |              | 2            |   | 2 PCS/SET                   |
| 6   | E22 T21 010 | FRONT PANEL                                                 |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |   |                             |
|     | E22 T25 010 | FRONT PANEL                                                 |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |   |                             |
|     | E22 T29 010 | FRONT PANEL                                                 |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |   |                             |
| 7   | —           | AIR CLEANING FILTER<br>(SILVER-IONIZED AIR PURIFIER FILTER) |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2 | 1 PC/SET                    |
| 8   | E22 W14 100 | AIR FILTER<br>(AIR PURIFYING FILTER)                        |                                | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2 | 1 PC/SET                    |
| 9   | E22 F95 975 | CORNER BOX RIGHT                                            |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |   |                             |
|     | E22 G21 975 | CORNER BOX RIGHT                                            |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |   |                             |
|     | E22 G26 975 | CORNER BOX RIGHT                                            |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |   |                             |
| 10  | E22 F95 970 | INSTALLATION<br>PLATE                                       |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1 |                             |
| ⑪   | —           | SOFT DRY CLOTH                                              |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |              | 1            |   | MAC-1001CL-E                |

## 1-29. ACCESSORY AND REMOTE CONTROLLER

| No. | Part No.    | Part name                      | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |              | Remarks |       |
|-----|-------------|--------------------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------|-------|
|     |             |                                |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |              |         |       |
|     |             |                                |                                | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |              |         |       |
|     |             |                                |                                | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 |         |       |
| 12  | E22 R80 426 | REMOTE<br>CONTROLLER           |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1       | SG15D |
| 13  | E22 F28 083 | REMOTE<br>CONTROLLER<br>HOLDER |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1       |       |

MSZ-EF22VE3W -ER2 MSZ-EF25VE3W -ER2 MSZ-EF35VE3W -ER2

MSZ-EF22VE3B -ER2 MSZ-EF25VE3B -ER2 MSZ-EF35VE3B -ER2

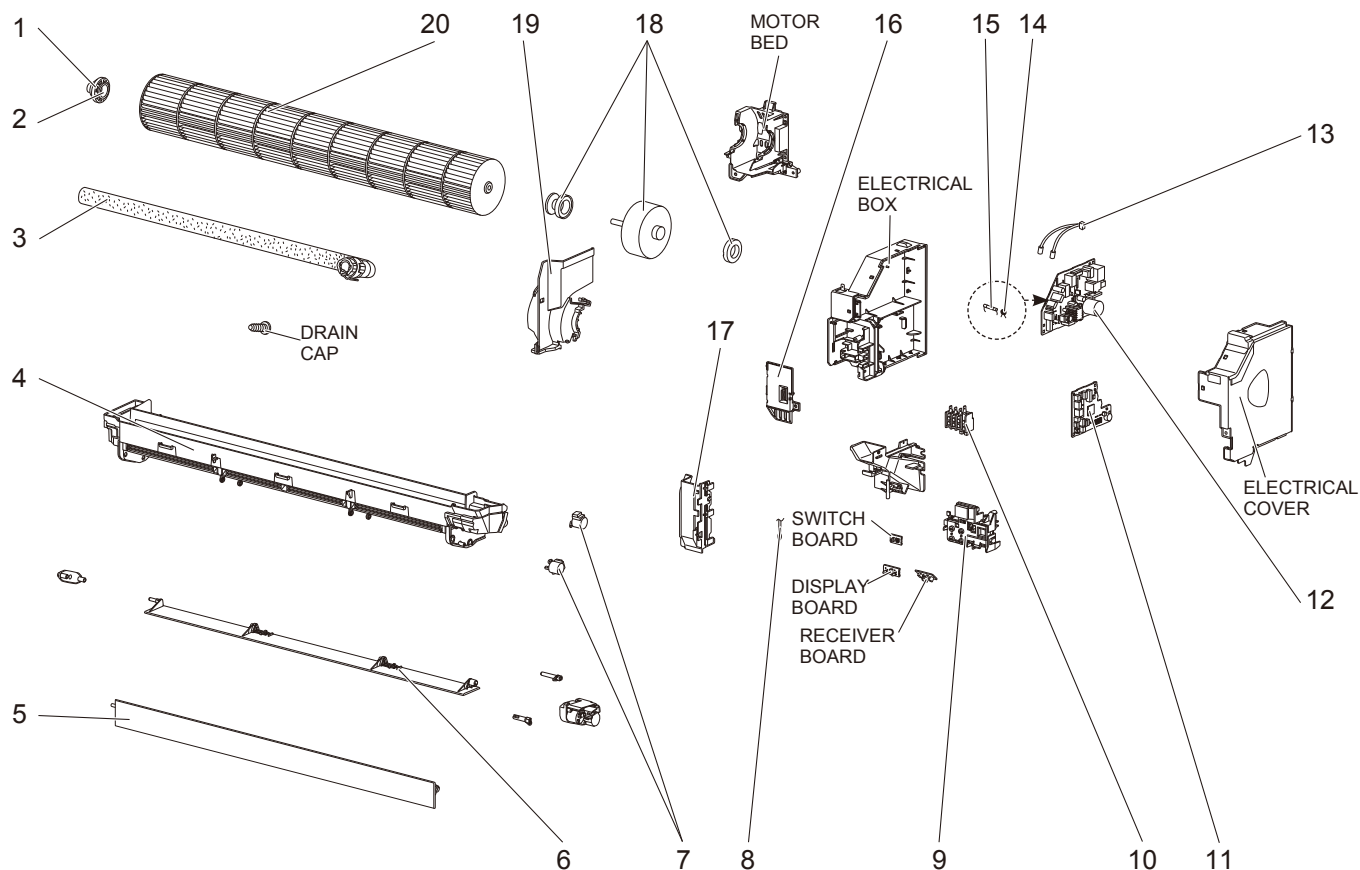
MSZ-EF22VE3S -ER2 MSZ-EF25VE3S -ER2 MSZ-EF35VE3S -ER2

MSZ-EF42VE3W -ER2 MSZ-EF50VE3W -ER2

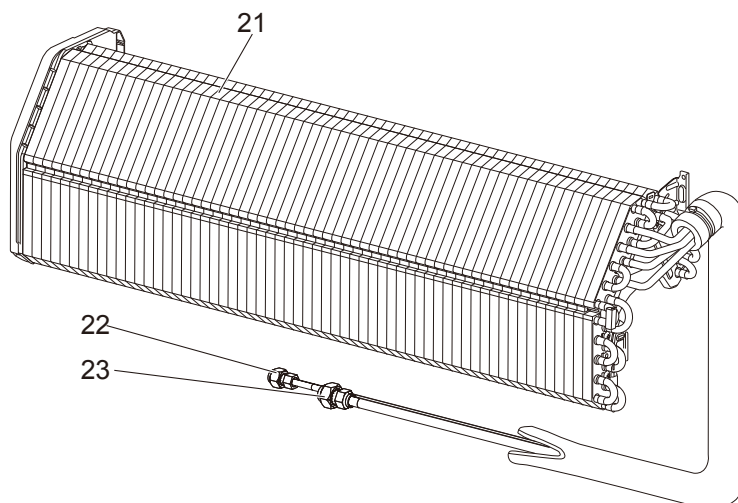
MSZ-EF42VE3B -ER2 MSZ-EF50VE3B -ER2

MSZ-EF42VE3S -ER2 MSZ-EF50VE3S -ER2

### 1-30. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



### 1-31. INDOOR UNIT HEAT EXCHANGER



## 1-30. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

| No. | Part No.    | Part name                        | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |              | Remarks                                                              |
|-----|-------------|----------------------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------------------------------------------------------|
|     |             |                                  |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                                                                      |
|     |             |                                  |                                | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |              |                                                                      |
|     |             |                                  |                                | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 |                                                                      |
| 1   | E22 751 509 | BEARING MOUNT                    |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |              |                                                                      |
| 2   | E22 001 504 | SLEEVE BEARING                   |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 3   | E22 P72 702 | DRAIN HOSE                       |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 4   | E22 F95 235 | NOZZLE ASSEMBLY                  |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                                                                      |
|     | E22 G21 235 | NOZZLE ASSEMBLY                  |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                                                                      |
|     | E22 G26 235 | NOZZLE ASSEMBLY                  |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                                                                      |
| 5   | E22 F95 040 | VANE UPPER                       |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                                                                      |
|     | E22 G21 040 | VANE UPPER                       |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                                                                      |
|     | E22 G26 040 | VANE UPPER                       |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                                                                      |
| 6   | E22 F95 041 | VANE LOWER                       |                                | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              |                                                                      |
|     | E22 G21 041 | VANE LOWER                       |                                |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |                                                                      |
|     | E22 G26 041 | VANE LOWER                       |                                |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |              |              | 1            |                                                                      |
| 7   | E22 A89 303 | VANE MOTOR                       | MV                             | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | UP & DOWN,<br>1 PC/SET                                               |
| 8   | E22 F95 308 | ROOM TEMPERATURE<br>THERMISTOR   | RT11                           | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 9   | E22 F95 095 | DISPLAY P.C.<br>BOARD HOLDER     |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 10  | E22 T21 375 | TERMINAL BLOCK                   | TB                             | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 11  | E22 K14 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                | 1            | 1            | 1            |              |              |              |              |              |              |              |              |              |              |              |              | Includes<br>RECEIVER<br>BOARD, DISPLAY<br>BOARD and<br>SWITCH BOARD. |
|     | E22 K15 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |              |              |              | 1            | 1            | 1            |              |              |              |              |              |              |              |              |              |                                                                      |
|     | E22 K16 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |              |              |              |              |              |              | 1            | 1            | 1            |              |              |              |              |              |              |                                                                      |
|     | E22 K17 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |              |              |              |              |              |              |              |              |              | 1            | 1            | 1            |              |              |              |                                                                      |
|     | E22 K18 452 | ELECTRONIC<br>CONTROL P.C. BOARD |                                |              |              |              |              |              |              |              |              |              |              |              |              | 1            | 1            | 1            |                                                                      |
| 12  | E22 F98 440 | POWER P.C. BOARD                 |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 13  | E22 F95 307 | INDOOR COIL<br>THERMISTOR        | RT12,RT13                      | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 14  | E22 B75 385 | VARISTOR                         | NR11                           | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 15  | E22 A49 382 | FUSE                             | F11                            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | T3.15AL250V                                                          |
| 16  | E22 F95 784 | V.A. CLAMP                       |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 17  | E22 F95 541 | WATER CUT                        |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 18  | E22 J44 300 | INDOOR FAN<br>MOTOR              | MF                             | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | RC0J40-□□<br>Includes<br>FAN MOTOR<br>RUBBER<br>MOUNT<br>(2 PCS/SET) |
| 19  | E22 F95 333 | MOTOR BAND                       |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |
| 20  | E22 F95 302 | LINE FLOW FAN                    |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |                                                                      |

## 1-31. INDOOR UNIT HEAT EXCHANGER

| No. | Part No.    | Part name             | Symbol<br>in Wiring<br>Diagram | Q'ty/unit    |              |              |              |              |              |              |              |              |              |              |              |              |              |              | Remarks |
|-----|-------------|-----------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------|
|     |             |                       |                                | MSZ-EF       |              |              |              |              |              |              |              |              |              |              |              |              |              |              |         |
|     |             |                       |                                | 22           |              |              | 25           |              |              | 35           |              |              | 42           |              |              | 50           |              |              |         |
|     |             |                       |                                | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 | VE3W<br>-ER2 | VE3B<br>-ER2 | VE3S<br>-ER2 |         |
| 21  | E22 F95 620 | INDOOR HEAT EXCHANGER |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |              |              |              |              |              |         |
|     | E22 F99 620 | INDOOR HEAT EXCHANGER |                                |              |              |              |              |              |              |              |              |              |              | 1            | 1            | 1            |              |              |         |
| 22  | E22 151 667 | UNION (LIQUID)        |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | ø6.35        |              |         |
| 23  | E22 815 666 | UNION (GAS)           |                                | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            | 1            |              |              |              | ø9.52        |              |         |
|     | E22 155 666 | UNION (GAS)           |                                |              |              |              |              |              |              |              |              |              |              | 1            | 1            | 1            | ø12.7        |              |         |

## 1-32. AIR CLEANING FILTER (Silver-ionized air purifier 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.
- After washing, dry it well in shade. Install all tabs of the air filter.

### 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.

| Model        |              | Part No.     |
|--------------|--------------|--------------|
| MSZ-EF18VE3W | MSZ-EF35VE3W | MAC-2370FT-E |
| MSZ-EF18VE3B | MSZ-EF35VE3B |              |
| MSZ-EF18VE3S | MSZ-EF35VE3S |              |
| MSZ-EF22VE3W | MSZ-EF42VE3W |              |
| MSZ-EF22VE3B | MSZ-EF42VE3B |              |
| MSZ-EF22VE3S | MSZ-EF42VE3S |              |
| MSZ-EF25VE3W | MSZ-EF50VE3W |              |
| MSZ-EF25VE3B | MSZ-EF50VE3B |              |
| MSZ-EF25VE3S | MSZ-EF50VE3S |              |
|              |              |              |

## 2-1. AIR CLEANING FILTER

### ELECTROSTATIC 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.
- After washing, dry it well in shade. Install all tabs of the air filter.

#### Every year:

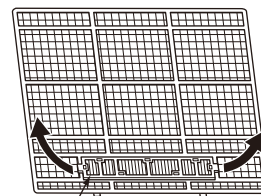
- Replace it with a new air cleaning filter for best performance.

**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.

| Model       |              | Part No.   |
|-------------|--------------|------------|
| MSZ-EF18VEW | MSZ-EF18VE2W | MAC-2320FT |
| MSZ-EF18VEB | MSZ-EF18VE2B |            |
| MSZ-EF18VES | MSZ-EF18VE2S |            |
| MSZ-EF22VEW | MSZ-EF22VE2W |            |
| MSZ-EF22VEB | MSZ-EF22VE2B |            |
| MSZ-EF22VES | MSZ-EF22VE2S |            |
| MSZ-EF25VEW | MSZ-EF25VE2W |            |
| MSZ-EF25VEB | MSZ-EF25VE2B |            |
| MSZ-EF25VES | MSZ-EF25VE2S |            |
| MSZ-EF35VEW | MSZ-EF35VE2W |            |
| MSZ-EF35VEB | MSZ-EF35VE2B |            |
| MSZ-EF35VES | MSZ-EF35VE2S |            |
| MSZ-EF42VEW | MSZ-EF42VE2W |            |
| MSZ-EF42VEB | MSZ-EF42VE2B |            |
| MSZ-EF42VES | MSZ-EF42VE2S |            |
| MSZ-EF50VEW | MSZ-EF50VE2W |            |
| MSZ-EF50VEB | MSZ-EF50VE2B |            |
| MSZ-EF50VES | MSZ-EF50VE2S |            |

Pull to remove from the air filter



Air cleaning filter  
(Electrostatic anti-allergy enzyme filter)

## 2-2. SOFT DRY CLOTH

- Clean the panel with the soft dry cloth when it is dirty.

| Model       |              |              | Part No.     |
|-------------|--------------|--------------|--------------|
| MSZ-EF18VEW | MSZ-EF18VE2W | MSZ-EF18VE3W | MAC-1001CL-E |
| MSZ-EF18VES | MSZ-EF18VE2S | MSZ-EF18VE3S |              |
| MSZ-EF22VEW | MSZ-EF22VE2W | MSZ-EF22VE3W |              |
| MSZ-EF22VES | MSZ-EF22VE2S | MSZ-EF22VE3S |              |
| MSZ-EF25VEW | MSZ-EF25VE2W | MSZ-EF25VE3W |              |
| MSZ-EF25VES | MSZ-EF25VE2S | MSZ-EF25VE3S |              |
| MSZ-EF35VEW | MSZ-EF35VE2W | MSZ-EF35VE3W |              |
| MSZ-EF35VES | MSZ-EF35VE2S | MSZ-EF35VE3S |              |
| MSZ-EF42VEW | MSZ-EF42VE2W | MSZ-EF42VE3W |              |
| MSZ-EF42VES | MSZ-EF42VE2S | MSZ-EF42VE3S |              |
| MSZ-EF50VEW | MSZ-EF50VE2W | MSZ-EF50VE3W |              |
| MSZ-EF50VES | MSZ-EF50VE2S | MSZ-EF50VE3S |              |

# **MITSUBISHI ELECTRIC CORPORATION**

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