

Revision A:

- Some part numbers have been changed.

OBB960 is void.

INDOOR UNIT

No. OBB960
REVISED EDITION-A

PARTS CATALOG

Models

MSZ-FX06NL - CA1

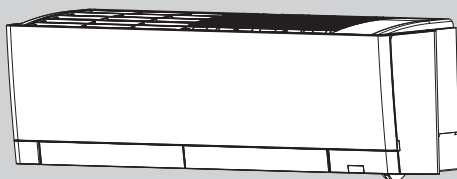
MSZ-FX09NL - CA1

MSZ-FX12NL - CA1

MSZ-FX15NL - CA1

MSZ-FX18NL - CA1

MSZ-FX24NL - CA1



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SERVICE MANUAL (OBH960)

Revision A:

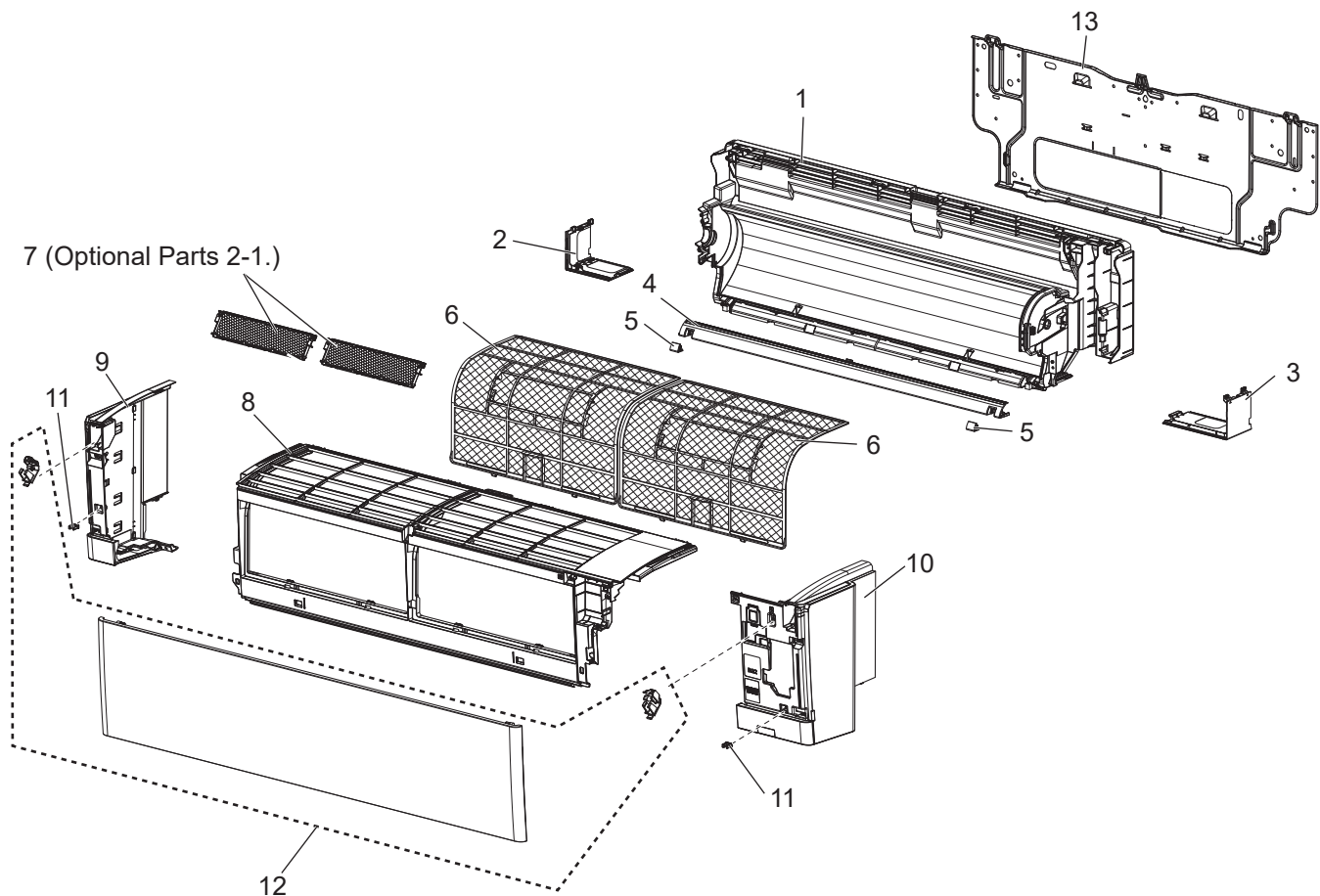
• Some part numbers have been changed.

1

SERVICE PARTS LIST

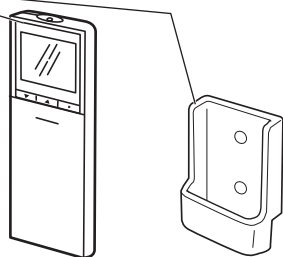
MSZ-FX06NL MSZ-FX09NL MSZ-FX12NL MSZ-FX15NL MSZ-FX18NL MSZ-FX24NL

1-1. INDOOR UNIT STRUCTURAL PARTS



1-2. ACCESSORY AND REMOTE CONTROLLER

14 (Optional Parts 2-3.)



1-1. INDOOR UNIT STRUCTURAL PARTS

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

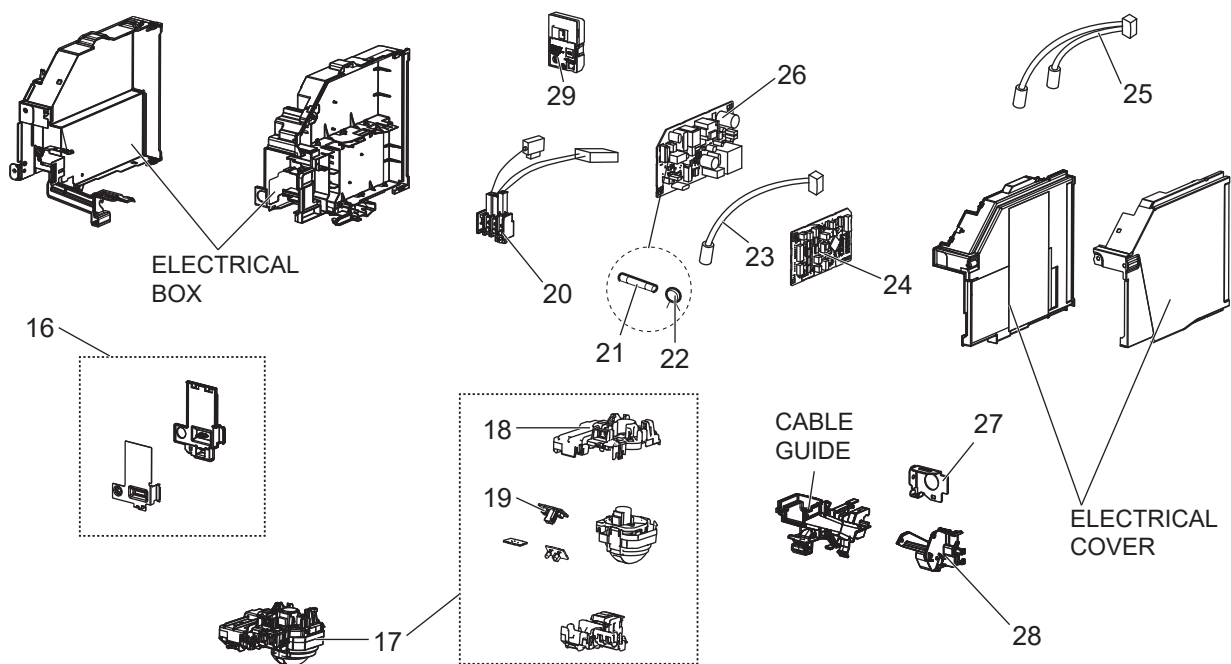
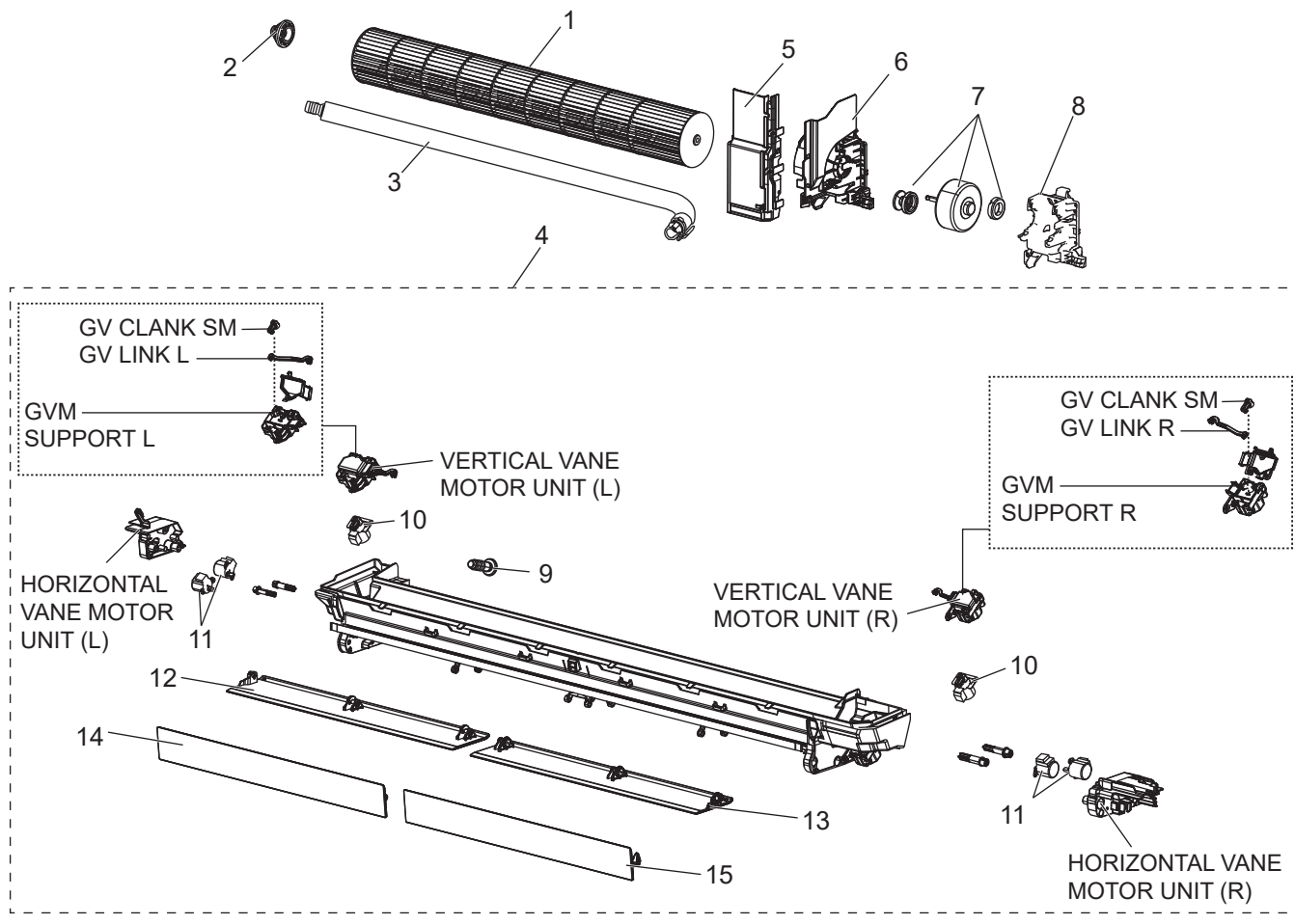
No.	Part No.	Part Name	MSZ-FX06NL- CA1	MSZ-FX09NL- CA1	MSZ-FX12NL- CA1	MSZ-FX15NL- CA1	MSZ-FX18NL- CA1	MSZ-FX24NL- CA1	Symbol in Wiring Diagram	Remarks
1	E22 9J7 234	BOX ASSEMBLY	1	1	1	1	1	1		
2	E22 61V 976	CORNER BOX (L)	1	1	1	1	1	1		
3	E22 61V 975	CORNER BOX (R)	1	1	1	1	1	1		
4	E22 69R 717	PANEL (U)	1	1	1	1	1	1		
5	E22 9J7 067	SCREW CAP ASSEMBLY	2	2	2	2	2	2		2 PCS/SET
6	E22 61V 100	AIR FILTER	2	2	2	2	2	2		1 PC/SET
7	—	AIR CLEANING FILTER (ELECTROSTATIC ANTI- ALLERGY ENZYME FILTER / MICROPARTICLE CATCHING FILTER)	1	1	1	1	1	1		1 PC/SET MAC-2310FT-E / MAC-EMF515FT-E
8	E22 0K9 000	PANEL ASSEMBLY (F)	1	1	1	1	1	1		
9	E22 6H7 086	PANEL ASSEMBLY (L)	1	1	1	1	1	1		Includes CATCH
10	E22 0K9 085	PANEL ASSEMBLY (R)	1	1	1	1	1	1		Includes CATCH
11	E22 F95 142	CATCH	2	2	2	2	2	2		2 PCS/SET
12	E22 6H7 010	FRONT PANEL	1	1	1	1	1	1		
13	E22 7C3 970	INSTALLATION PLATE	1	1	1	1	1	1		

1-2. ACCESSORY AND REMOTE CONTROLLER

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

No.	Part No.	Part Name	MSZ-FX06NL- CA1	MSZ-FX09NL- CA1	MSZ-FX12NL- CA1	MSZ-FX15NL- CA1	MSZ-FX18NL- CA1	MSZ-FX24NL- CA1	Symbol in Wiring Diagram	Remarks
14	—	REMOTE CONTROLLER	1	1	1	1	1	1		SH24T MAC-FL110M-E Includes REMOTE CONTROLLER HOLDER

MSZ-FX06NL MSZ-FX09NL MSZ-FX12NL MSZ-FX15NL MSZ-FX18NL MSZ-FX24NL
1-3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

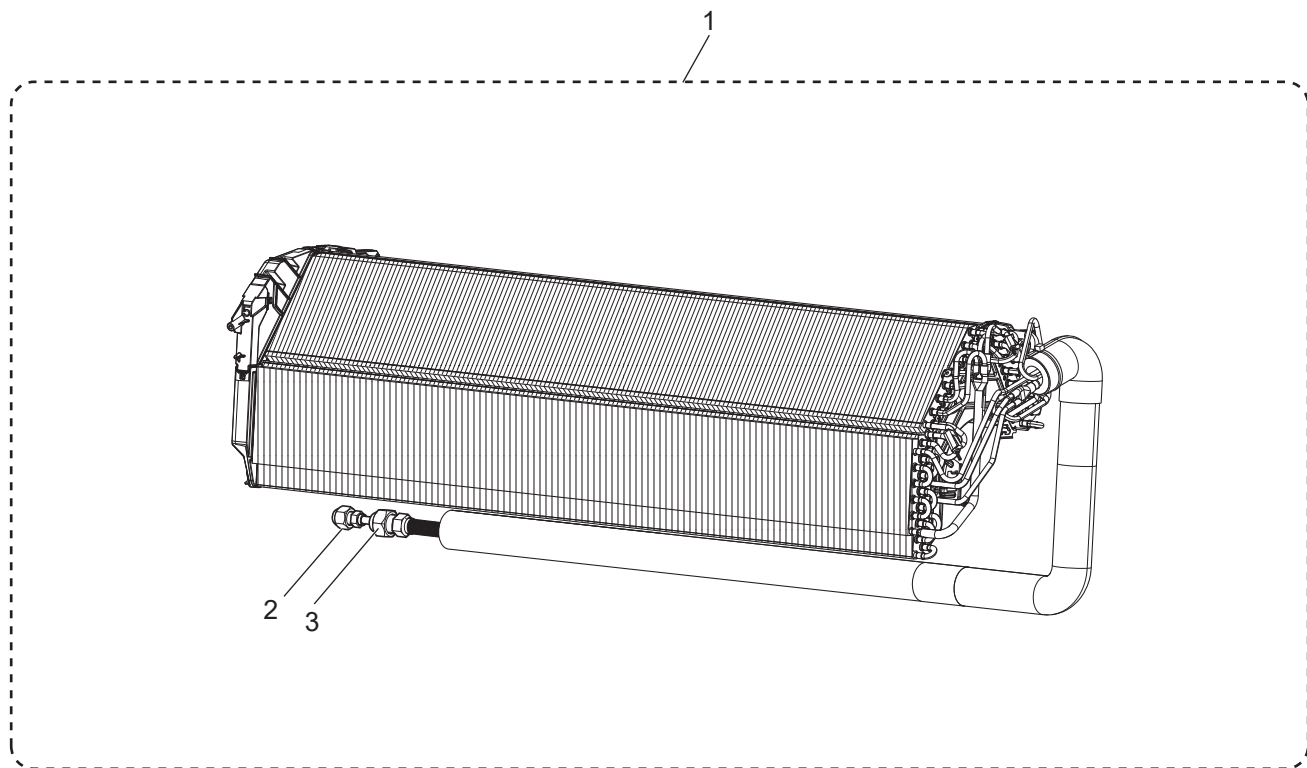


1-3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

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

No.	Part No.	Part Name	MSZ-FX06NL - [CAT]	MSZ-FX09NL - [CAT]	MSZ-FX12NL - [CAT]	MSZ-FX15NL - [CAT]	MSZ-FX18NL - [CAT]	MSZ-FX24NL - [CAT]	Symbol in Wiring Diagram	Remarks
1	E22 69R 302	LINE FLOW FAN	1	1	1	1	1	1		
2	E22 A89 509	BEARING MOUNT ASSEMBLY	1	1	1	1	1	1		
3	E22 T20 702	DRAIN HOSE	1	1	1	1	1	1		
4	E22 6H7 235	NOZZLE ASSEMBLY	1	1	1	1	1	1		Full assembly except drain hose
5	E22 69R 541	WATER COVER	1	1	1	1	1	1		
6	E22 69R 333	MOTOR BAND	1	1	1	1	1	1		
7	E22 7C3 300	INDOOR FAN MOTOR	1	1	1	1	1	1	MF	Includes rubber mounts RC0J40-□□
8	E22 70R 333	MOTOR BED	1	1	1	1	1	1		
9	E27 42R 705	DRAIN CAP	1	1	1	1	1	1		
10	E22 J44 303	VERTICAL VANE MOTOR	2	2	2	2	2	2	MV2	
11	E27 103 303	HORIZONTAL VANE MOTOR	4	4	4	4	4	4	MV1	
12	E22 6H7 041	HORIZONTAL VANE LOWER (L)	1	1	1	1	1	1		
13	E22 6H8 041	HORIZONTAL VANE LOWER (R)	1	1	1	1	1	1		
14	E22 6H7 040	HORIZONTAL VANE UPPER (L)	1	1	1	1	1	1		
15	E22 6H8 040	HORIZONTAL VANE UPPER (R)	1	1	1	1	1	1		
16	E22 7C3 784	V.A. CLAMP	1	1	1	1	1	1		
17	E22 6H7 391	DISPLAY AND i-see SENSOR ASSEMBLY	1	1	1	1	1			Includes i-See Sensor, MT, DISPLAY P.C. BOARD, RECEIVER P.C. BOARD
17	E22 7H2 391	DISPLAY AND i-see SENSOR ASSEMBLY						1		Includes i-See Sensor, MT, DISPLAY P.C. BOARD, RECEIVER P.C. BOARD
18	E22 6H7 095	DISPLAY AND RECEIVER P.C. BOARD HOLDER	1	1	1	1	1	1		
19	E22 6H7 468	DISPLAY AND RECEIVER P.C. BOARD	1	1	1	1	1	1		DISPLAY P.C. BOARD, RECEIVER P.C. BOARD combined type
20	E22 7C3 375	TERMINAL BLOCK	1	1	1	1	1	1	TB	
21	E22 C67 382	FUSE	1	1	1	1	1	1	F11	T3.15AL250V
22	E22 K90 385	VARISTOR	1	1	1	1	1	1	NR11	
23	E22 69R 308	ROOM TEMPERATURE THERMISTOR	1	1	1	1	1	1	RT11	
24	E22 6H7 452	ELECTRONIC CONTROL P.C. BOARD	1							
24	E22 6H8 452	ELECTRONIC CONTROL P.C. BOARD		1						
24	E22 6H9 452	ELECTRONIC CONTROL P.C. BOARD			1					
24	E22 7H0 452	ELECTRONIC CONTROL P.C. BOARD				1				
24	E22 7H1 452	ELECTRONIC CONTROL P.C. BOARD					1			
24	E22 7H2 452	ELECTRONIC CONTROL P.C. BOARD						1		
25	E22 6H7 307	INDOOR COIL THERMISTOR	1	1	1	1	1		RT12, RT13	Combined type
25	E22 7H2 307	INDOOR COIL THERMISTOR						1	RT12, RT13	Combined type
26	E22 6H7 440	POWER P.C. BOARD	1	1	1	1	1	1		
27	E22 7C3 978	CONDUIT PLATE	1	1	1	1	1	1		
28	E22 7C3 979	CONDUIT COVER	1	1	1	1	1	1		
29	E22 6H7 457	Wi-Fi ASSEMBLY	1	1	1	1	1	1		Includes SWITCH/BUZZER P.C. BOARD

MSZ-FX06NL MSZ-FX09NL MSZ-FX12NL MSZ-FX15NL MSZ-FX18NL MSZ-FX24NL
1-4. INDOOR UNIT HEAT EXCHANGER



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

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

1-5. AIR CLEANING FILTER

ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER (BLUE)

Every 3 months:

- Remove dirt by a vacuum cleaner.

When dirt cannot be removed by vacuum cleaning:

- Soak the filter and its frame in lukewarm water before rinsing it.
- After washing, dry it well in shade.

Every year:

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

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

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

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

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

Model	Part No.
MSZ-FX06NL MSZ-FX09NL MSZ-FX12NL MSZ-FX15NL MSZ-FX18NL MSZ-FX24NL	MAC-2310FT-E

MICROPARTICLE CATCHING FILTER (WHITE)

Every 3 months:

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

Every 3 years:

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

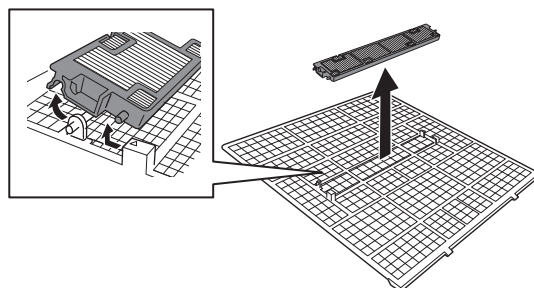
NOTE 1: Clean the filters regularly for best performance and to reduce power consumption.

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

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

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

Model	Part No.
MSZ-FX06NL MSZ-FX09NL MSZ-FX12NL MSZ-FX15NL MSZ-FX18NL MSZ-FX24NL	MAC-EMF515FT-E



2-1. AIR CLEANING FILTER

DEODORIZING FILTER (BLACK)

Every 3 months:

- Remove dirt by a vacuum cleaner.

When dirt cannot be removed by vacuum cleaning:

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

When dirt or smell cannot be removed by cleaning:

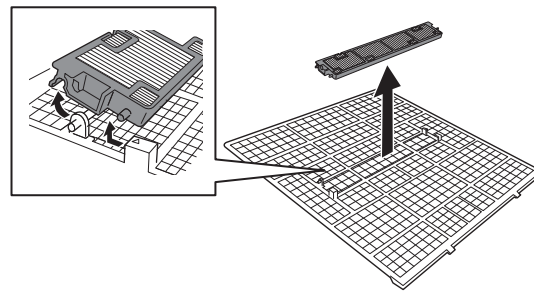
- Replace it with a new air cleaning filter.

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

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

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

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



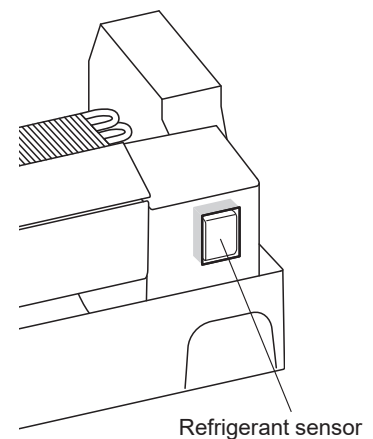
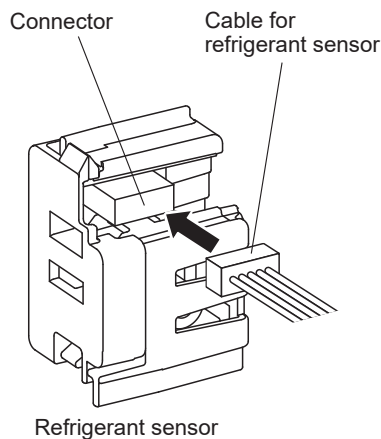
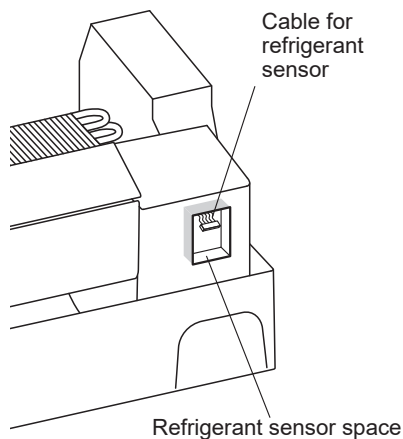
2-2. REFRIGERANT SENSOR

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

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

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

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

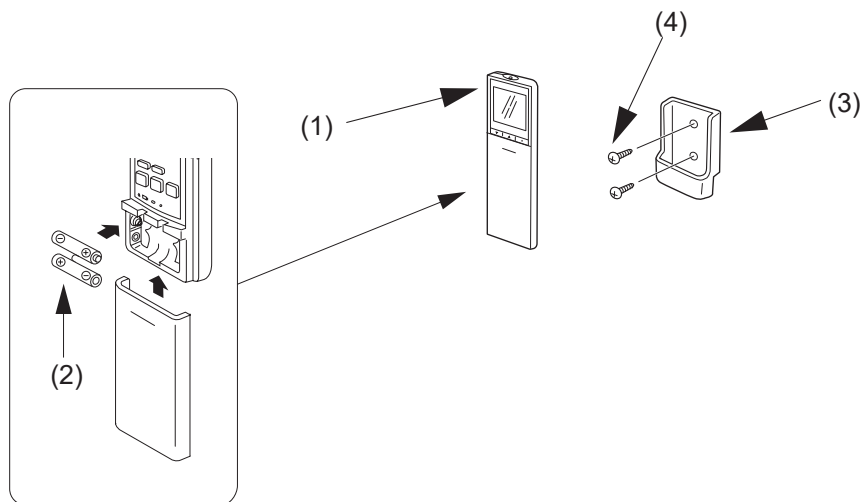


Model	Part No.
MSZ-FX06NL	MAC-100RS-E
MSZ-FX09NL	
MSZ-FX12NL	
MSZ-FX15NL	
MSZ-FX18NL	

2-3. REMOTE CONTROLLER

Model	Part No.
	English
MSZ-FX06NL MSZ-FX09NL MSZ-FX12NL MSZ-FX15NL MSZ-FX18NL MSZ-FX24NL	MAC-FL110M-E

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



MITSUBISHI ELECTRIC CORPORATION

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Specifications are subject to change without notice.