

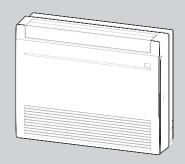
INDOOR UNIT

No. OBB968

PARTS CATALOG

Models

MFZ-KX09NL	- CA1
MFZ-KX12NL	- CA1
MFZ-KX15NL	- CA1
MFZ-KX18NL	- CA1



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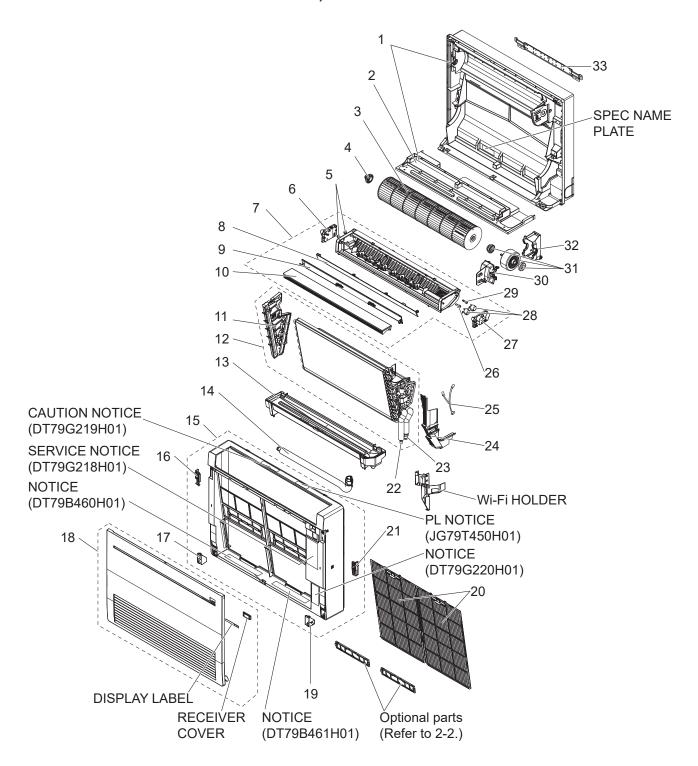
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SERVICE MANUAL (OBH968)

1

SERVICE PARTS LIST

MFZ-KX09NL MFZ-KX12NL MFZ-KX15NL MFZ-KX18NL 1-1. INDOOR UNIT STRUCTURAL PARTS, HEAT EXCHANGER AND FUNCTIONAL PARTS

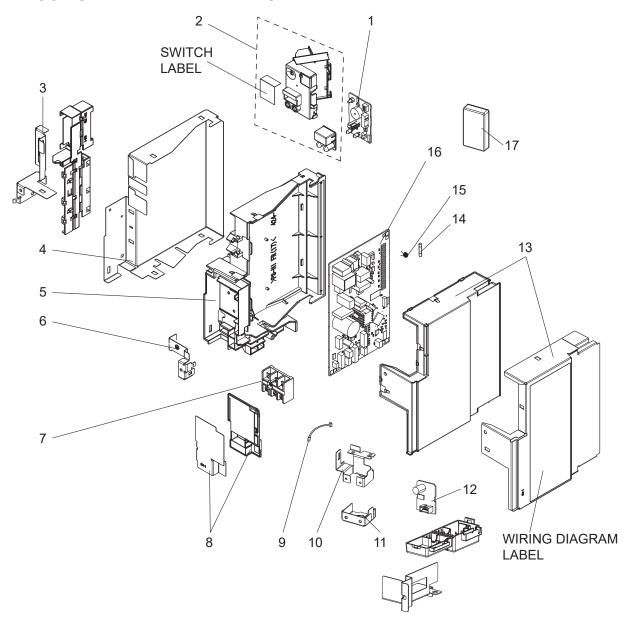


1-1. INDOOR UNIT STRUCTURAL PARTS, HEAT EXCHANGER AND FUNCTIONAL PARTS1. The part quantity below indicates the required number of pieces per unit.

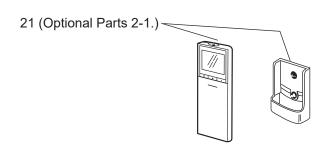
1 T2W EC9 234 BOX ASSEMBLY 1 1 1 1 1 1 1 1 1						anıı.	per u	pelow indicates the required number of pieces	ne part quantity	1. 11
1	Remarks [Drawing No.]	ıg	in Wiring	MFZ-KX18NL-CA1	MFZ-KX15NL-CA1	MFZ-KX12NL-CA1	MFZ-KX09NL-CAT	Part Name	Part No.	No.
3 M21 EAA 302	ides base, without spec e plate			1	1	1	1	BOX ASSEMBLY	T2W EC9 234	1
4 M21 EA3 509 BEARING ASSEMBLY 1 </td <td>25A544G07]</td> <td>[</td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>BASE</td> <td>_</td> <td>2</td>	25A544G07]	[1	1	1	1	BASE	_	2
5 M21 EA5 071 VANE SLEEVE				1	1	1	1	LINE FLOW FAN ASSEMBLY	M21 EAA 302	3
6 M21 EA4 306 MULTI-FLOW VANE MOTOR UNIT 1				1	1	1	1	BEARING ASSEMBLY	M21 EA3 509	4
7 M21 EAY 235 NOZZLE ASSEMBLY 1				2	2	2	2	VANE SLEEVE	M21 EA5 071	5
8 M21 EAA 040 HORIZONTAL VANE (BACK) 1			MV3	1	1	1	1	MULTI-FLOW VANE MOTOR UNIT	M21 EA4 306	6
9 M21 EA9 040 HORIZONTAL VANE (FRONT)				1	1	1	1	NOZZLE ASSEMBLY	M21 EAY 235	7
10 M21 EA8 040 MULTI-FLOW VANE	shaft	٧		1	1	1	1	HORIZONTAL VANE (BACK)	M21 EAA 040	8
11	shaft	٧		1	1	1	1	HORIZONTAL VANE (FRONT)	M21 EA9 040	9
12 T2W EN5 620 INDOOR HEAT EXCHANGER 1	shaft	٧		1	1	1	1	MULTI-FLOW VANE	M21 EA8 040	10
12 T2W EN6 620 INDOOR HEAT EXCHANGER	00T279G05]	1		1	1	1	1	HAIRPIN HOLDER ASSEMBLY	_	11
13 M21 EA5 700 DRAIN PAN ASSEMBLY						1	1	INDOOR HEAT EXCHANGER	T2W EN5 620	12
14 M21 7K1 703 DRAIN HOSE ASSEMBLY 1				1	1			INDOOR HEAT EXCHANGER	T2W EN6 620	12
15 T2W ED4 000 PANEL ASSEMBLY				1	1	1	1	DRAIN PAN ASSEMBLY	M21 EA5 700	13
15 12W ED4 000 PANEL ASSEMBLY 16 M21 EA0 099 HOOK (LEFT) ASSEMBLY 17 M21 EA8 039 ARM HOLDER (LEFT) 1				1	1	1	1	DRAIN HOSE ASSEMBLY	M21 7K1 703	14
17 M21 EA8 039 ARM HOLDER (LEFT) 1 <td< td=""><td>ides notices (SERVICE,</td><td></td><td></td><td>1</td><td>1</td><td>1</td><td>1</td><td>PANEL ASSEMBLY</td><td>T2W ED4 000</td><td>15</td></td<>	ides notices (SERVICE,			1	1	1	1	PANEL ASSEMBLY	T2W ED4 000	15
18 T2W EDP 010 FRONT PANEL 1 <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>HOOK (LEFT) ASSEMBLY</td> <td>M21 EA0 099</td> <td>16</td>				1	1	1	1	HOOK (LEFT) ASSEMBLY	M21 EA0 099	16
18 12W EDP 010 FRONT PANEL 1 1 1 1 1 1 1 1 1				1	1	1	1	ARM HOLDER (LEFT)	M21 EA8 039	17
20 T2W ECD 100 NANO PLATINUM FILTER 2 2 2 2 21 M21 EA1 099 HOOK (RIGHT) ASSEMBLY 1 1 1 1 1 1 22 M21 L3V 664 UNION (LIQ) (Ø6.35) 1 1 1 1 1 01/4 (Ø6.35) 23 M21 L3V 663 UNION (GAS) (Ø9.52) 1 1 01/2 (Ø12.7) 24 — WATER COVER 1<	ides receiver cover and lay label			1	1	1	1	FRONT PANEL	T2W EDP 010	18
21 M21 EA1 099 HOOK (RIGHT) ASSEMBLY 1				1	1	1	1	ARM HOLDER (RIGHT)	M21 EA9 039	19
22 M21 L3V 664 UNION (LIQ) (Ø6.35) 1 <				2	2	2	2	NANO PLATINUM FILTER	T2W ECD 100	20
23 M21 L3V 663 UNION (GAS) (Ø9.52) 23 M21 L5V 663 UNION (GAS)(Ø12.7) 24 — WATER COVER 25 T2W ED8 305 INDOOR COIL THERMISTOR 26 M21 EA5 049 VANE MOTOR SHAFT (FRONT) 27 M21 EA1 506 VANE MOTOR SUPPORT 28 M21 EA5 306 VANE MOTOR 20 M21 EA5 306 VANE MOTOR 3/8 (Ø9.52) 01/1 1 1 1 1				1	1	1	1	HOOK (RIGHT) ASSEMBLY	M21 EA1 099	21
23 M21 L5V 663 UNION (GAS)(Ø12.7) 1 1 1 01/2 (Ø12.7) 24 — WATER COVER 1	(ø6.35)	Q		1	1	1	1	UNION (LIQ) (Ø6.35)	M21 L3V 664	22
24 — WATER COVER 1 <t< td=""><td>(ø9.52)</td><td>Q</td><td></td><td></td><td></td><td>1</td><td>1</td><td>UNION (GAS) (ø9.52)</td><td>M21 L3V 663</td><td>23</td></t<>	(ø9.52)	Q				1	1	UNION (GAS) (ø9.52)	M21 L3V 663	23
25 T2W ED8 305 INDOOR COIL THERMISTOR 1	(ø12.7)	Q		1	1			UNION (GAS)(ø12.7)	M21 L5V 663	23
25 12W ED6 305 INDOOR COIL THERMISTOR 1 1 1 1 1 RT13 26 M21 EA5 049 VANE MOTOR SHAFT (FRONT) 1 1 1 1 1 27 M21 EA1 506 VANE MOTOR SUPPORT 1 1 1 1 1 28 M21 EA5 306 VANE MOTOR 2 2 2 2 MV1, MV2 HORIZONTAL VANE	00T288G04]	[1	1	1	1	WATER COVER	_	24
27 M21 EA1 506 VANE MOTOR SUPPORT 1 1 1 1 1 1 28 M21 EA5 306 VANE MOTOR 2 2 2 2 2 MV1, MV2 HORIZONTAL VANE				1	1	1	1	INDOOR COIL THERMISTOR	T2W ED8 305	25
28 M21 EA5 306 VANE MOTOR 2 2 2 2 MV1, MV2 HORIZONTAL VANE				1	1	1	1	· · · · · · · · · · · · · · · · · · ·		_
28 WZT EAS 306 VAINE WOTOR 2 Z Z Z MV2 HORIZONTAL VAINE				1	1	1	1	VANE MOTOR SUPPORT	M21 EA1 506	27
29 M21 EA6 049 VANE MOTOR SHAFT (BACK) 1 1 1 1 1	IZONTAL VANE MOTOR	ŀ		2	2	2	2			28
		\perp		1	_	1	1	` '		_
30 M21 EA3 023 MOTOR BAND 1 1 1 1 1				1	1	1	1	MOTOR BAND	M21 EA3 023	30
31 T2W EFE 300 INDOOR FAN MOTOR ASSEMBLY 1 1 1 1 MF RC0J30-□□ Includes rubbers set	ides rubbers set	ı	MF		1	1	1	INDOOR FAN MOTOR ASSEMBLY	T2W EFE 300	31
31 T2W EFL 300 INDOOR FAN MOTOR ASSEMBLY 1 MF RC0J40-□□ Includes rubbers set		- 1	MF	1						
32 M21 EA3 791 MOTOR BED 1 1 1 1 1				1	_	1	_			_
				1	1	1	1	BACK PLATE	T2W L3V 233	33

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MFZ-KX09NL MFZ-KX12NL MFZ-KX15NL MFZ-KX18NL 1-2. INDOOR UNIT ELECTRICAL PARTS



1-3. ACCESSORY AND REMOTE CONTROLLER



1-2. INDOOR UNIT ELECTRICAL PARTS

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

2. The circled No. indicates that the part is not shown in the figure.

No.	Part No.	Part Name	MFZ-KX09NL-CAI	MFZ-KX12NL-CAT	MFZ-KX15NL-CA1	MFZ-KX18NL-CA1	Symbol in Wiring Diagram	Remarks [Drawing No.]
1		DISPLAY RECEIVER P.C.BOARD	1	1	1	1		
2	T2W EAT 012	SWITCH HOLDER SET	1	1	1	1		Includes switch label
3		TB COVER	1	1	1	1		[DY02B654G01]
4		PB COVER LEFT	1	1	1	1		[DY02A632G04]
5	_	PB BOX	1	1	1	1		[DY25A631G06]
6	_	EARTH PLATE	1	1	1	1		[DY02B655G03]
7	M21 EBD 375	TERMINAL BLOCK	1	1	1	1	ТВ	
8	_	VA CLAMP ASSEMBLY	1	1	1	1		[DK00G051G03]
9	M21 EAA 305	ROOM TEMPERATURE THERMISTOR	1	1	1	1	RT11	
10	_	CONDUIT COVER	1	1	1	1		[DY02J225G01]
11	_	CONDUIT BASE	1	1	1	1		[DY02J224G01]
12	T2W EA4 334	REFRIGERANT SENSOR (R454B)	1	1	1	1		
13	_	PB COVER RIGHT ASSEMBLY	1	1	1	1		[DK00G050G56] Includes wiring diagram label
14	T2W EA3 382	FUSE	1	1	1	1	F11	T6.3AL250V
15	T2W EA3 313	VARISTOR	1	1	1	1	NR11	
16	T2W FT4 450	ELECTRONIC CONTROL P.C.BOARD	1					
16	T2W FT5 450	ELECTRONIC CONTROL P.C.BOARD		1				
16	T2W FT6 450	ELECTRONIC CONTROL P.C.BOARD			1			
16	T2W FT7 450	ELECTRONIC CONTROL P.C.BOARD				1		
17	T2W EAT 441	WIFI INTERFACE	1	1	1	1		
18	_	LEAD ASSEMBLY (ELECTRONIC CONTROL P.C.BOARD TO TERMINAL BLOCK)	1	1	1	1		[SM78L302G01]
19	_	LEAD ASSEMBLY (ELECTRONIC CONTROL P.C.BOARD TO CONNECTION CONNECTOR OF VANE MOTOR)	1	1	1	1		[SM78L300G01]
20	_	LEAD ASSEMBLY (ELECTRONIC CONTROL P.C.BOARD TO DISPLAY RECEIVER P.C.BOARD)	1	1	1	1		[SM78L301G01]

1-3. ACCESSORY AND REMOTE CONTROLLER

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

No.	Part No.	Part Name	MFZ-KX09NL -CA1	MFZ-KX12NL -CAT	MFZ-KX15NL-CA1	MFZ-KX18NL-CAT	Symbol in Wiring Diagram	Remarks
21	_	REMOTE CONTROLLER	1	1	1	1		SH24X MAC-FL116M-E Includes REMOTE CONTROLLER HOLDER

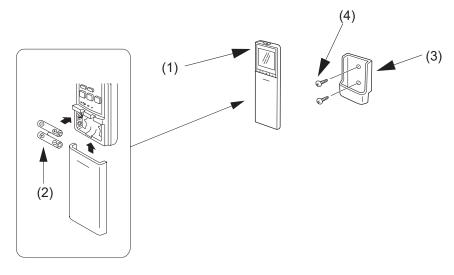
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OPTIONAL PARTS

2-1. ACCESSORY AND REMOTE CONTROLLER

Model	Part No.
Model	English
MFZ-KX09NL	
MFZ-KX12NL	MAC-FL116M-E
MFZ-KX15NL	WAC-FLTT6WI-E
MFZ-KX18NL	

(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



2-2. AIR CLEANING FILTER [ANTI-ALLERGY ENZYME FILTER]

Every 3 months:

• Remove dirt by a vacuum cleaner.

When dirt cannot be removed by vacuum cleaning:

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

Every year:

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

Model	Part No.
MFZ-KX09NL	
MFZ-KX12NL	MAC-408FT-E
MFZ-KX15NL	WAC-400F1-E
MFZ-KX18NL	

[MICROPARTICLE CATCHING FILTER]

Removes the microparticles from the air by means of static electricity. Back side of air filter

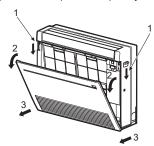
Every 3 months:

- Remove dirt by a vacuum cleaner.
- Put it back to its original position, and install all tabs of the air cleaning filter.
- Do not wash it with water. Replace it with a new air cleaning filter when tobacco tar or oil stains adhere to it. **Every 3 year:**
- Replace it with a new air cleaning filter for best performance.

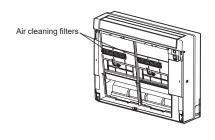
Model	Part No.
MFZ-KX09NL	
MFZ-KX12NL	MAC-EMF515FT-E
MFZ-KX15NL	WAC-EMITS 13F1-E
MFZ-KX18NL	

Replacement of the air cleaning filter

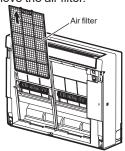
- (1) Remove the front panel.
 - 1. Push down the tab on the both sides of the unit to open the front panel.
 - 2. Pull the front panel toward you to remove it.
 - 3. Open the front panel completely and remove it.



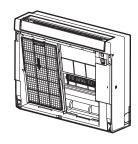
(3) Replace the air cleaning filter. Fix the filter with the tabs securely.



(2) Remove the air filter.



(4) Install the air filter.



(5) Securely close the front panel. Install the front panel by the removal procedure in reverse. Refer to (1) 1 – 3.

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MITSUBISHI ELECTRIC CORPORATION

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