

INDOOR UNIT

PARTS CATALOG

No. OBB589
REVISED EDITION-F

Models

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



MSZ-EF·VEW
MSZ-EF·VEB
MSZ-EF·VES



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SERVICE MANUAL (OBH589)

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.

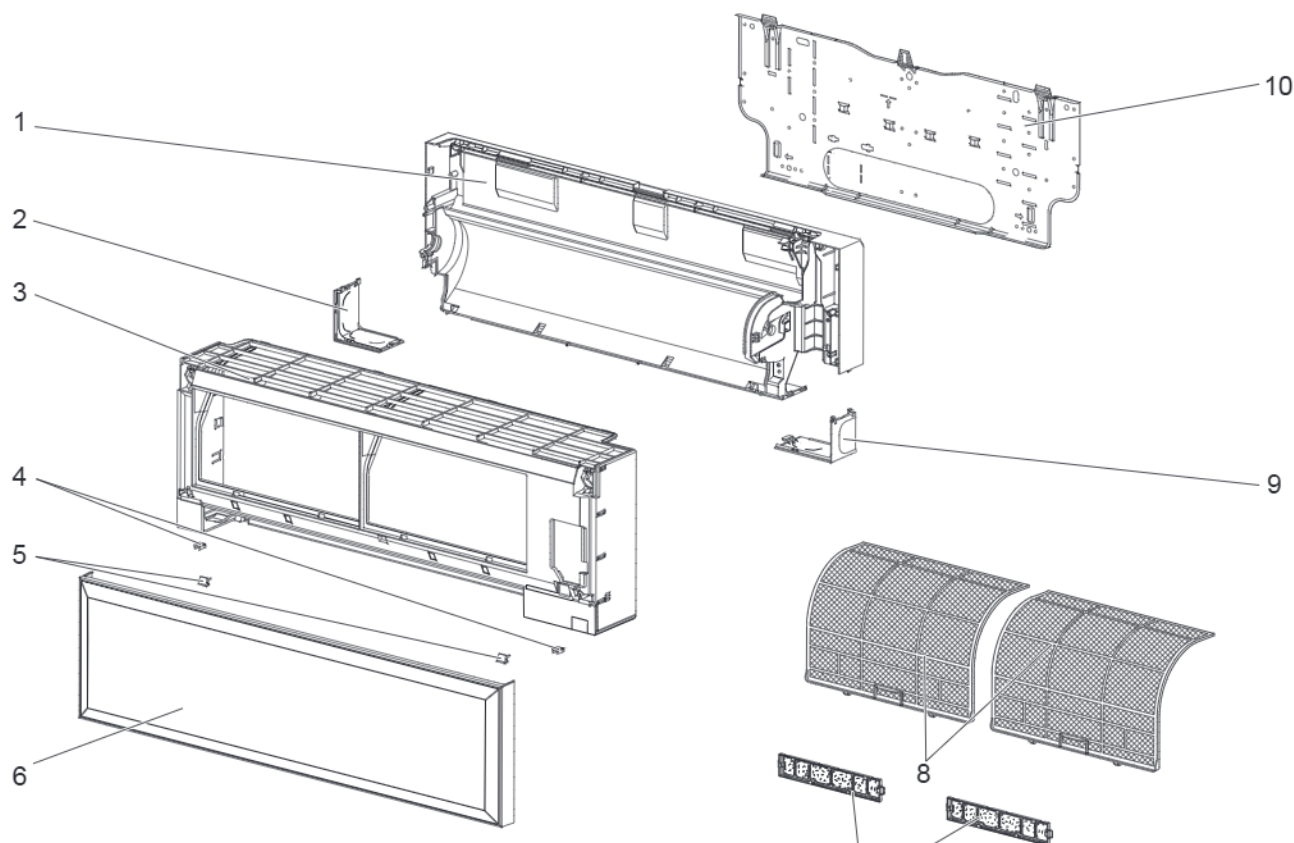
Revision F:

- Some descriptions have been modified.

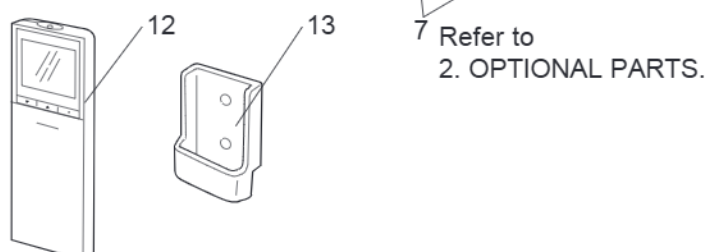
1 SERVICE PARTS LIST

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.

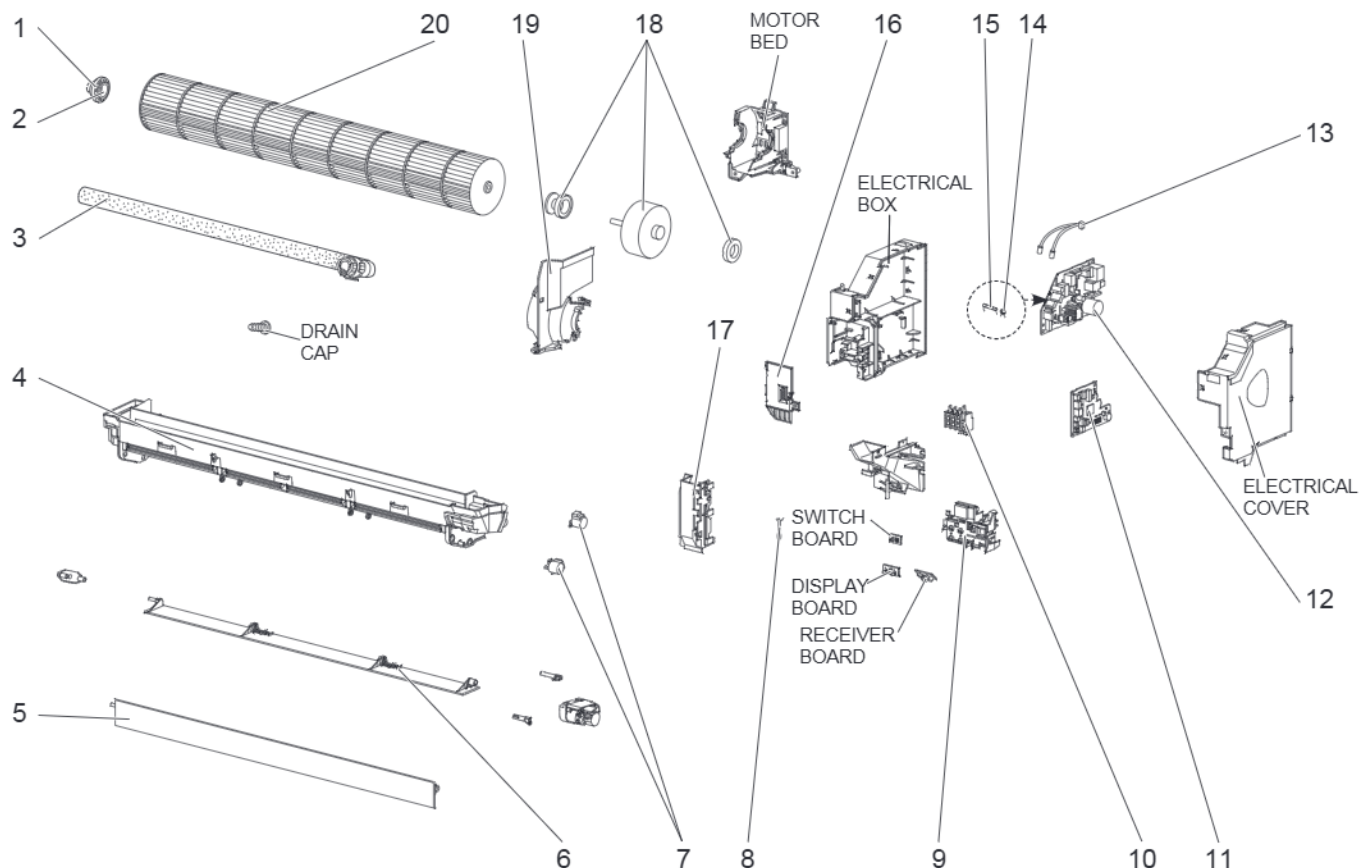
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	
				E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	
1	E12 F95 234	BOX 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. 4, 5, and 6
	E12 G21 000	PANEL ASSEMBLY			1			1			1			1			1			1		Includes No. 4, 5, and 6
	E12 G26 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 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	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

1-2. ACCESSORY AND REMOTE CONTROLLER

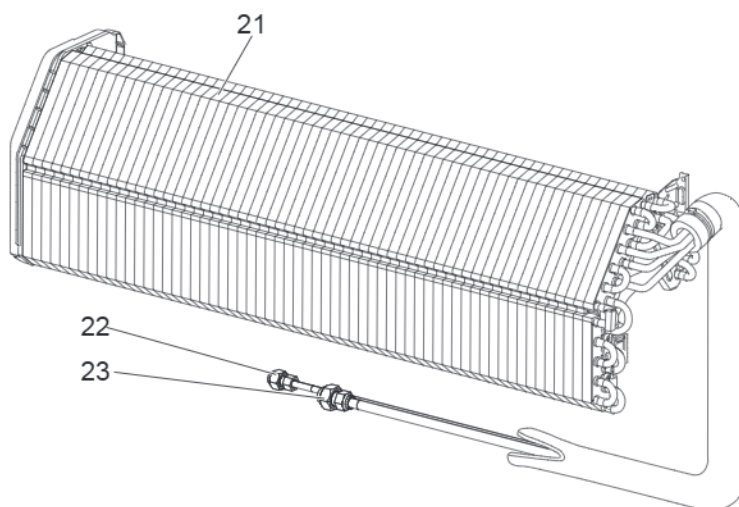
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	
12	E12 F95 426	REMOTE CONTROLLER		E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1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

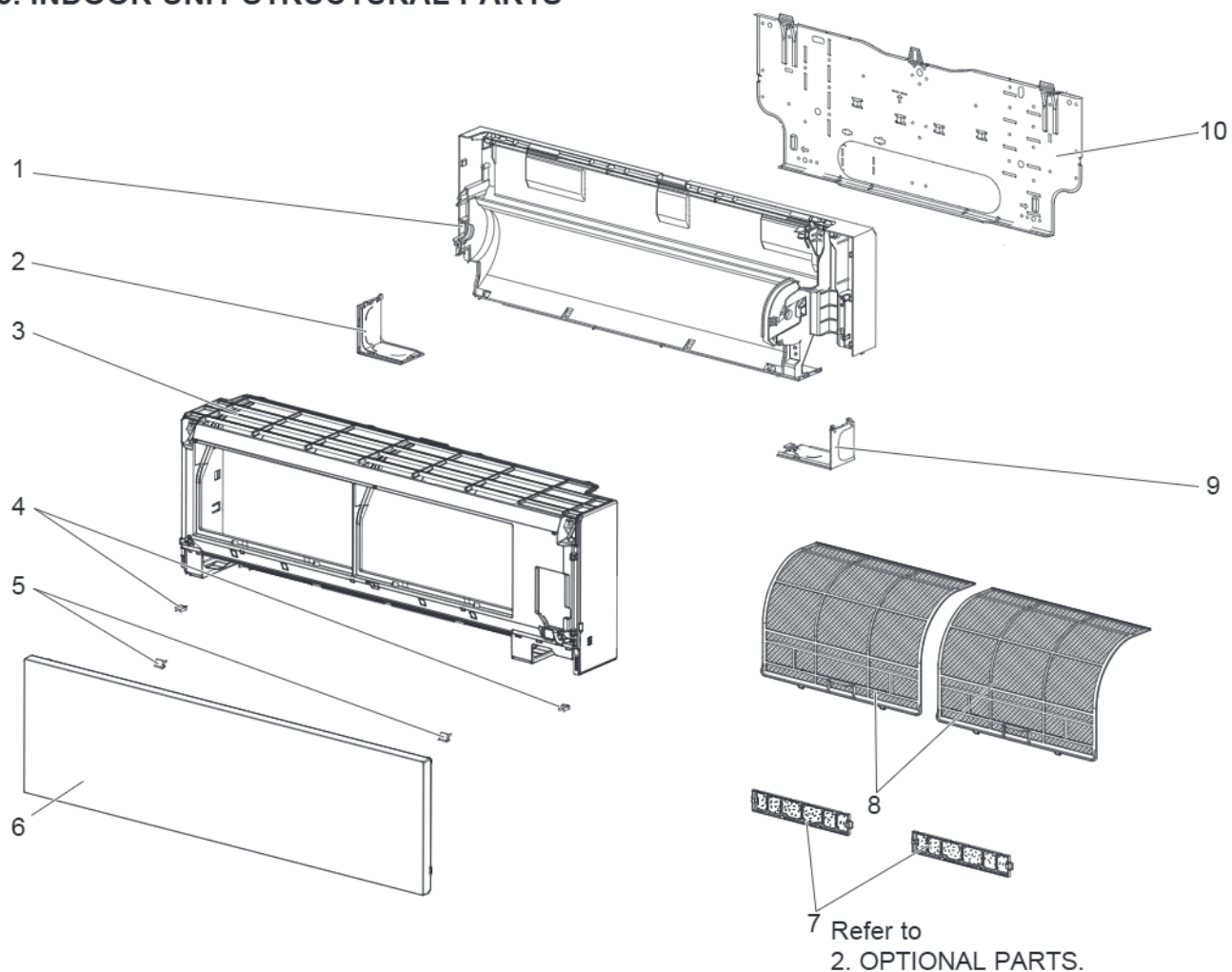
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks	
				MSZ-EF																			
				18			22			25			35			42			50				
				VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES		
				E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1			
1	E12 751 509	BEARING 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, 1 PC/SET	
8	E12 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	E12 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	E12 F95 375	TERMINAL BLOCK	TB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
11	E12 F95 452	ELECTRONIC CONTROL P.C. BOARD		1	1	1	1	1	1													Includes RECEIVER BOARD, DISPLAY BOARD and SWITCH BOARD.	
	E12 G22 452	ELECTRONIC CONTROL P.C. BOARD								1	1	1											
	E12 G23 452	ELECTRONIC CONTROL P.C. BOARD										1	1	1									
	E12 G24 452	ELECTRONIC CONTROL P.C. BOARD													1	1	1						
	E12 G25 452	ELECTRONIC 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	1	
13	E12 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	E12 B75 385	VARISTOR	NR11	1	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	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	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-□□ Includes FAN MOTOR RUBBER MOUNT (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	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	

1-4. INDOOR UNIT HEAT EXCHANGER

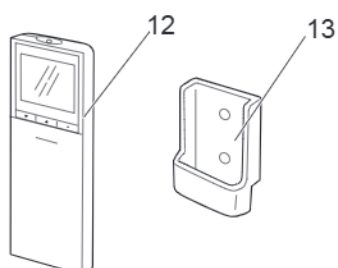
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	VEW	VEB	VES	
				E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	
21	E12 F95 620	INDOOR HEAT EXCHANGER		1	1	1	1	1	1	1	1	1	1	1	1	1						
	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					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.

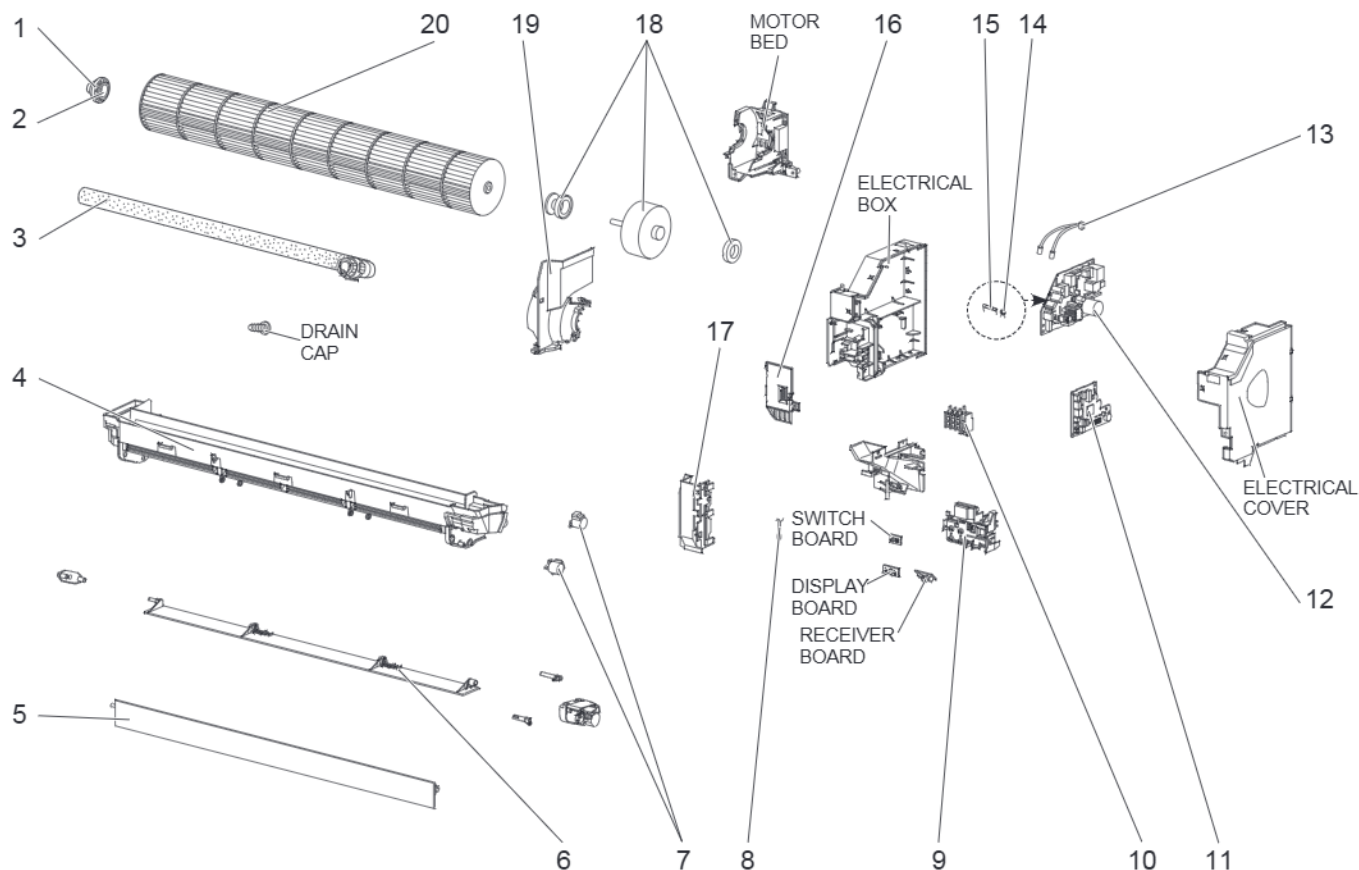
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	
1	E12 F95 234	BOX ASSEMBLY		1			1			1			1			1			1			
	E12 G21 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 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	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	

1-6. ACCESSORY AND REMOTE CONTROLLER

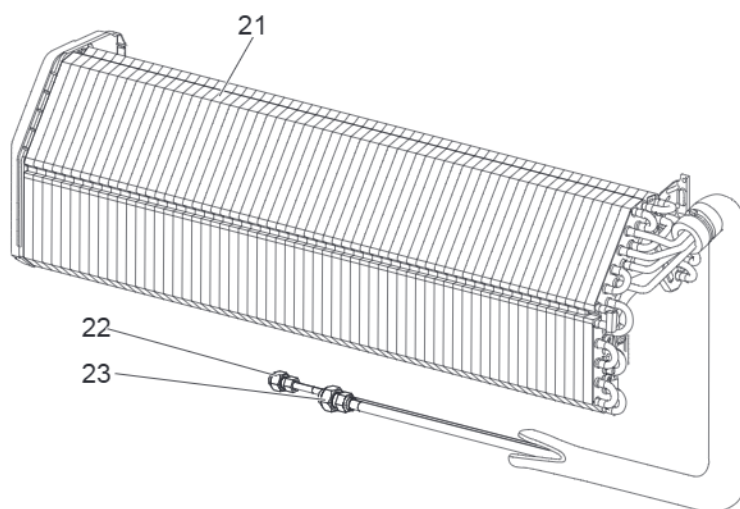
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	
				E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1		
12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

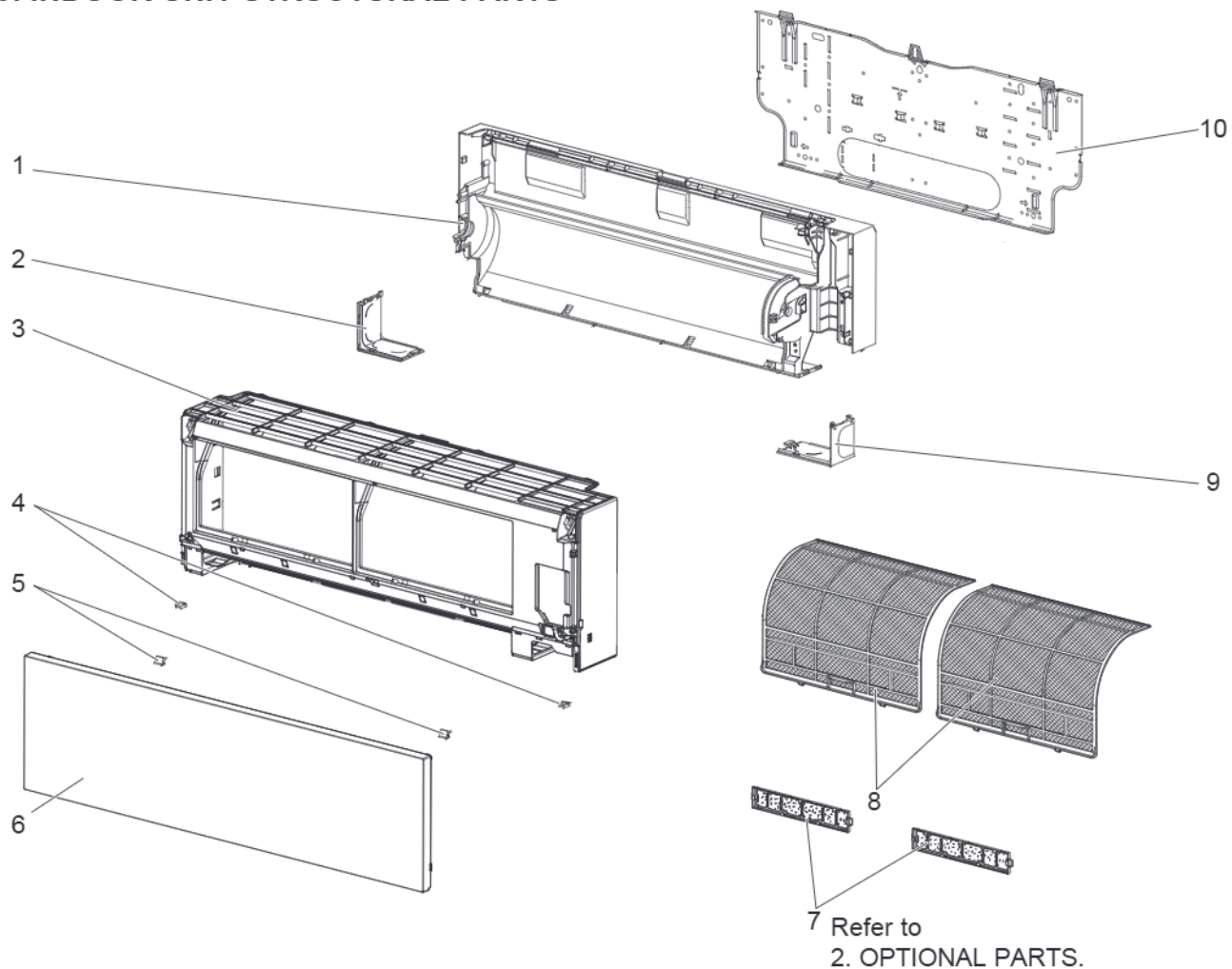
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -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	UP & DOWN, 1 PC/SET	
8	E12 F95 308	ROOM TEMPERATURE 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. 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 CONTROL P.C. BOARD		1	1	1	1	1	1												Includes RECEIVER BOARD, DISPLAY BOARD and SWITCH BOARD.	
	E12 K15 452	ELECTRONIC CONTROL P.C. BOARD							1	1	1											
	E12 K16 452	ELECTRONIC CONTROL P.C. BOARD										1	1	1								
	E12 K17 452	ELECTRONIC CONTROL P.C. BOARD													1	1	1					
	E12 K18 452	ELECTRONIC 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 THERMISTOR	RT12,RT13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
14	E12 B75 385	VARIATOR	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	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 MOTOR	MF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	RC0J40-□□ Includes FAN MOTOR RUBBER MOUNT (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		

1-8. INDOOR UNIT HEAT EXCHANGER

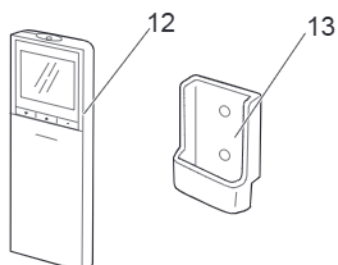
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -E1	VE2W -E1	VE2B -E1	VE2S -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.

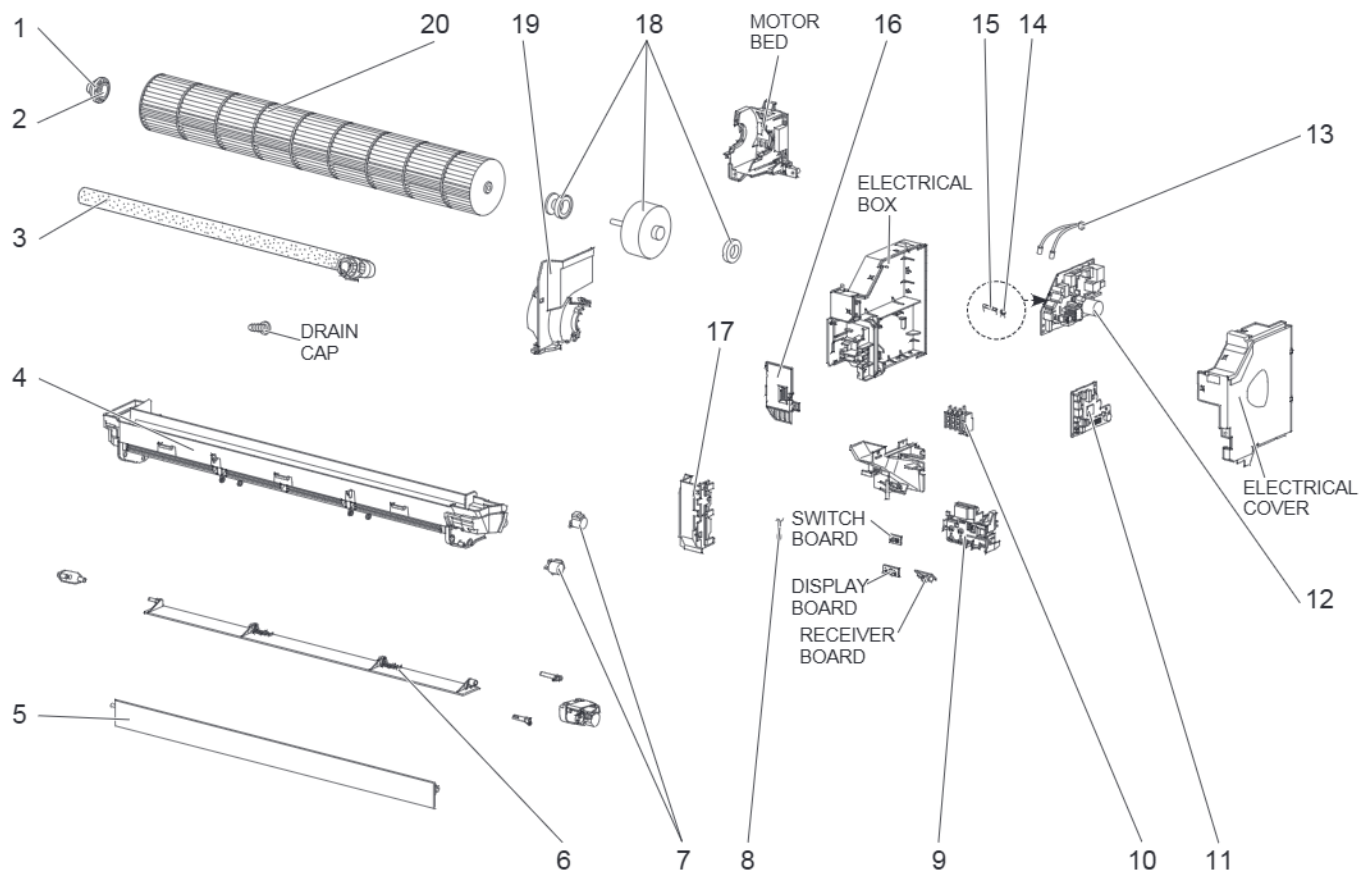
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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				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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	E12 F95 234	BOX ASSEMBLY		1		1		1		1		1		1		1		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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2	E12 F95 976	CORNER BOX LEFT		1		1		1		1		1		1		1		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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	E12 G26 976	CORNER BOX LEFT				1		1		1		1		1		1		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
3	E12 M42 000	PANEL ASSEMBLY		1		1		1		1		1		1		1		1	Includes No. 4, 5, and 6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	E12 M38 000	PANEL ASSEMBLY			1		1		1		1		1		1		1	Includes No. 4, 5, and 6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	E12 M40 000	PANEL ASSEMBLY				1		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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

1-10. ACCESSORY AND REMOTE CONTROLLER

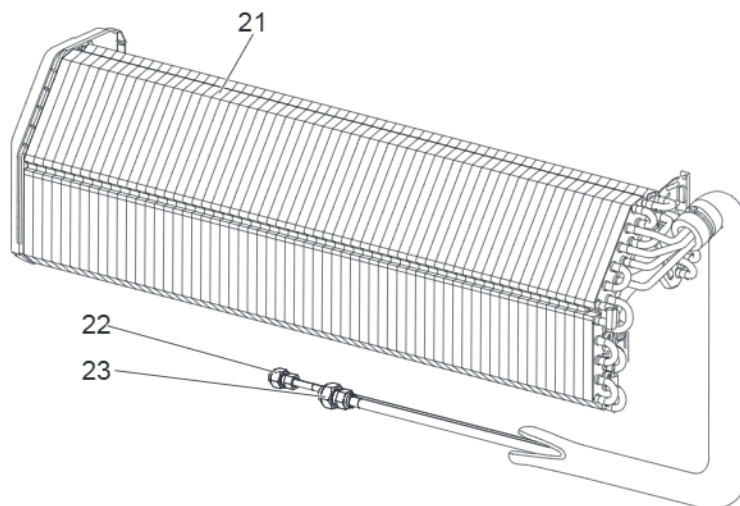
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	
				ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1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

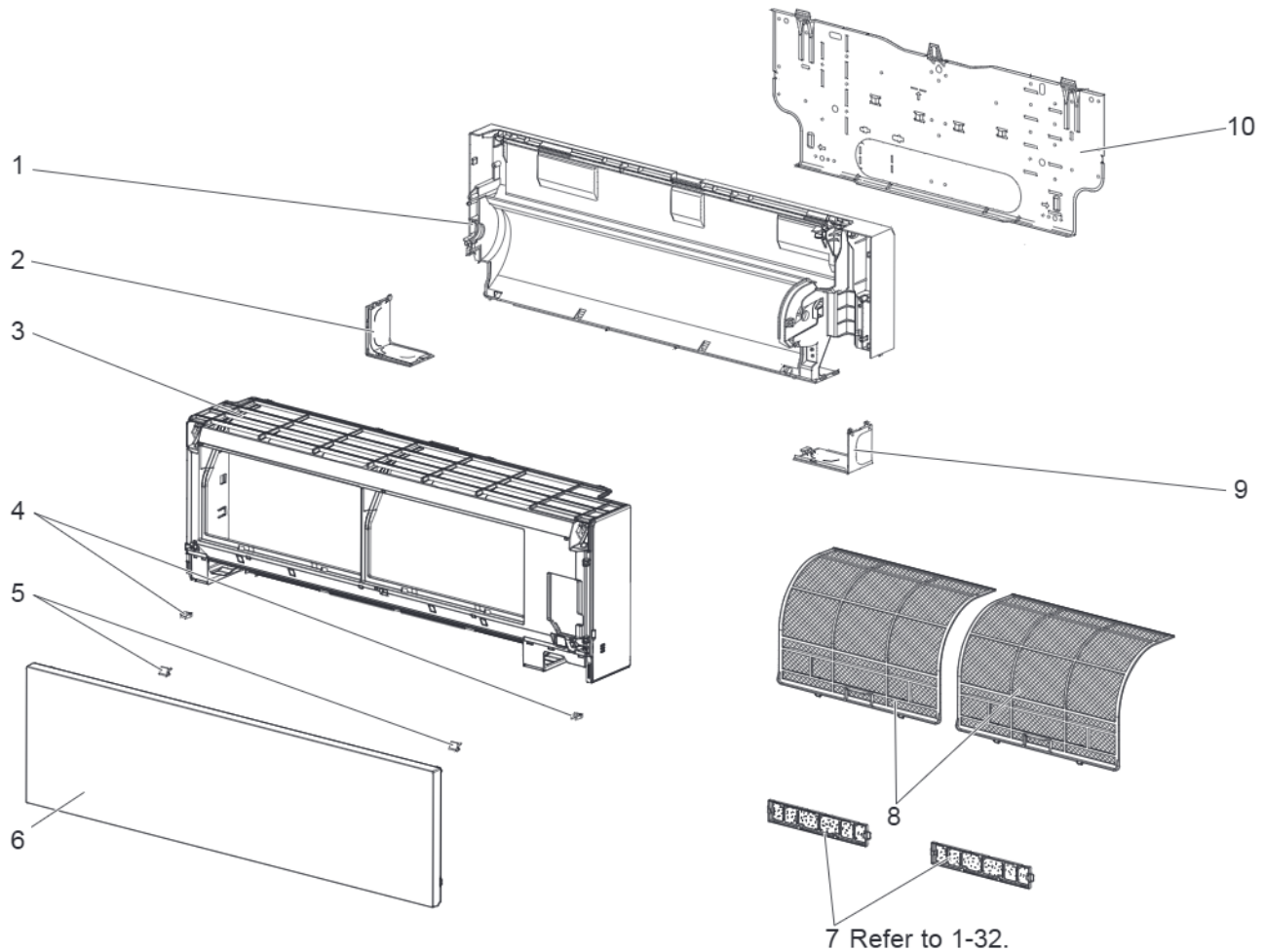
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																Remarks		
				MSZ-EF																		
				18			22			25			35			42			50			
				VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W		VE2B	VE2S
				ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1			
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			
3	E12 897 702	DRAIN HOSE		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				
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				
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				
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, 1 PC/SET		
8	E12 F95 308	ROOM TEMPERATURE THERMISTOR	RT11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
9	E12 F95 095	DISPLAY P.C. BOARD HOLDER		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			
11	E12 K14 452	ELECTRONIC CONTROL P.C. BOARD		1	1	1	1	1	1											Includes RECEIVER BOARD, DISPLAY BOARD and SWITCH BOARD.		
	E12 K15 452	ELECTRONIC CONTROL P.C. BOARD							1	1	1											
	E12 K16 452	ELECTRONIC CONTROL P.C. BOARD										1	1	1								
	E12 K17 452	ELECTRONIC CONTROL P.C. BOARD													1	1	1					
	E12 K18 452	ELECTRONIC 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			
13	E12 F95 307	INDOOR COIL THERMISTOR	RT12,RT13	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			
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			
17	E12 F95 541	WATER CUT		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	RC0J40-□□ Includes FAN MOTOR RUBBER MOUNT (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			
20	E12 F95 302	LINE FLOW FAN		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

1-12. INDOOR UNIT HEAT EXCHANGER

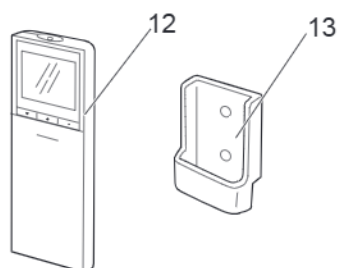
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit MSZ-EF																Remarks	
				18		22		25		35		42		50							
				VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S	VE2W	VE2B	VE2S			
				ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	ER1	
21	E12 F95 620	INDOOR HEAT 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.

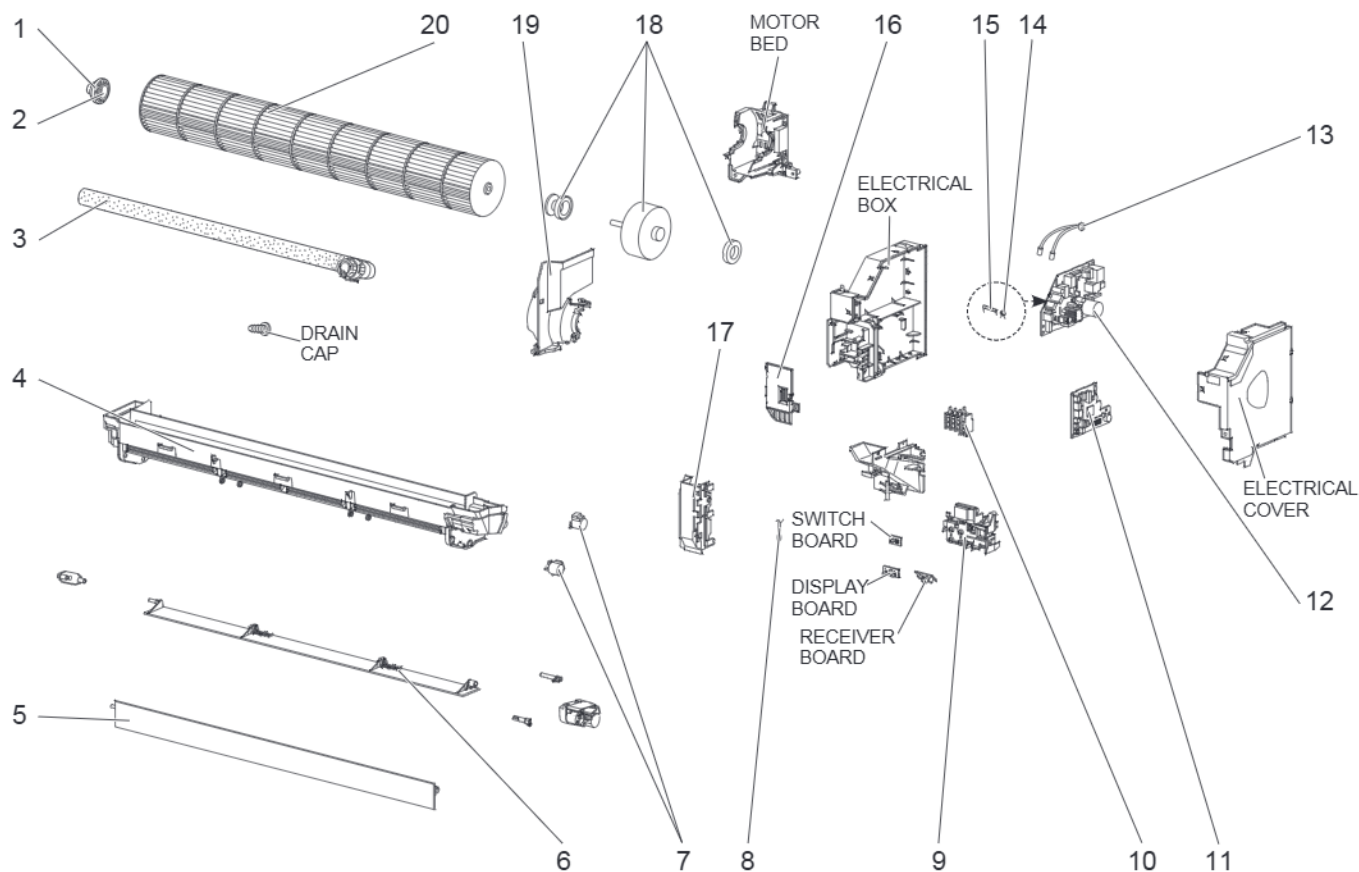
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit												Remarks
				MSZ-EF												
				18			22			25	35	42			50	
				VE3W -E1	VE3B -E1	VE3S -E1	VE3W -E1	VE3B -E1	VE3S -E1	VE3S -E1	VE3S -E1	VE3W -E1	VE3B -E1	VE3S -E1	VE3S -E1	
1	E12 F95 234	BOX ASSEMBLY		1			1					1				
	E12 G21 234	BOX 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. 4, 5, and 6
	E12 W26 000	PANEL ASSEMBLY			1			1					1			Includes No. 4, 5, and 6
	E12 W20 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 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 (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 (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 PLATE		1	1	1	1	1	1	1	1	1	1	1	1	
⑪	—	SOFT DRY CLOTH			1			1					1			MAC- 1001CL-E

1-13. ACCESSORY AND REMOTE CONTROLLER

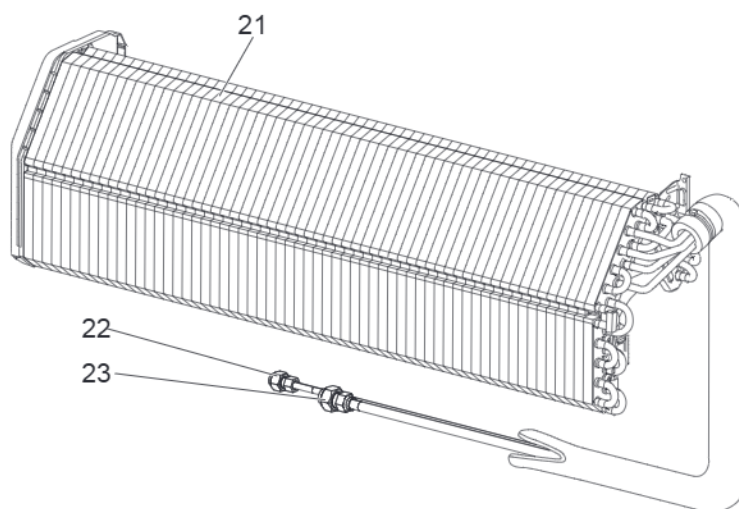
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit												Remarks
				MSZ-EF												
				18			22			25	35	42			50	
				VE3W -E1	VE3B -E1	VE3S -E1	VE3W -E1	VE3B -E1	VE3S -E1	VE3S -E1	VE3S -E1	VE3W -E1	VE3B -E1	VE3S -E1	VE3S -E1	
12	E12 R80 426	REMOTE CONTROLLER		1	1	1	1	1	1	1	1	1	1	1	SG15D	
13	E12 F28 083	REMOTE CONTROLLER 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 in Wiring Diagram	Q'ty/unit MSZ-EF												Remarks
				18			22			25	35	42			50	
				VE3W -E1	VE3B -E1	VE3S -E1	VE3W -E1	VE3B -E1	VE3S -E1	VE3S -E1	VE3S -E1	VE3W -E1	VE3B -E1	VE3S -E1	VE3S -E1	
1	E12 751 509	BEARING MOUNT		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	
3	E12 897 702	DRAIN HOSE		1	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, 1 PC/SET
8	E12 F95 308	ROOM TEMPERATURE THERMISTOR	RT11	1	1	1	1	1	1	1	1	1	1	1	1	
9	E12 F95 095	DISPLAY P.C. 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 CONTROL P.C. BOARD		1	1	1	1	1	1							Includes RECEIVER BOARD, DISPLAY BOARD and SWITCH BOARD.
	E12 K15 452	ELECTRONIC CONTROL P.C. BOARD								1						
	E12 K16 452	ELECTRONIC CONTROL P.C. BOARD									1					
	E12 K17 452	ELECTRONIC CONTROL P.C. BOARD										1	1	1		
	E12 K18 452	ELECTRONIC 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 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 MOTOR	MF	1	1	1	1	1	1	1	1	1	1	1	1	RC0J40-□□ Includes FAN MOTOR RUBBER MOUNT (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 in Wiring Diagram	Q'ty/unit MSZ-EF												Remarks
				18			22			25	35	42			50	
				VE3W -E1	VE3B -E1	VE3S -E1	VE3W -E1	VE3B -E1	VE3S -E1	VE3S -E1	VE3S -E1	VE3W -E1	VE3B -E1	VE3S -E1	VE3S -E1	
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	
22	E12 151 667	UNION (LIQUID)		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	ø12.7

MSZ-EF25VE3W -[E1]

MSZ-EF25VE3B -[E1]

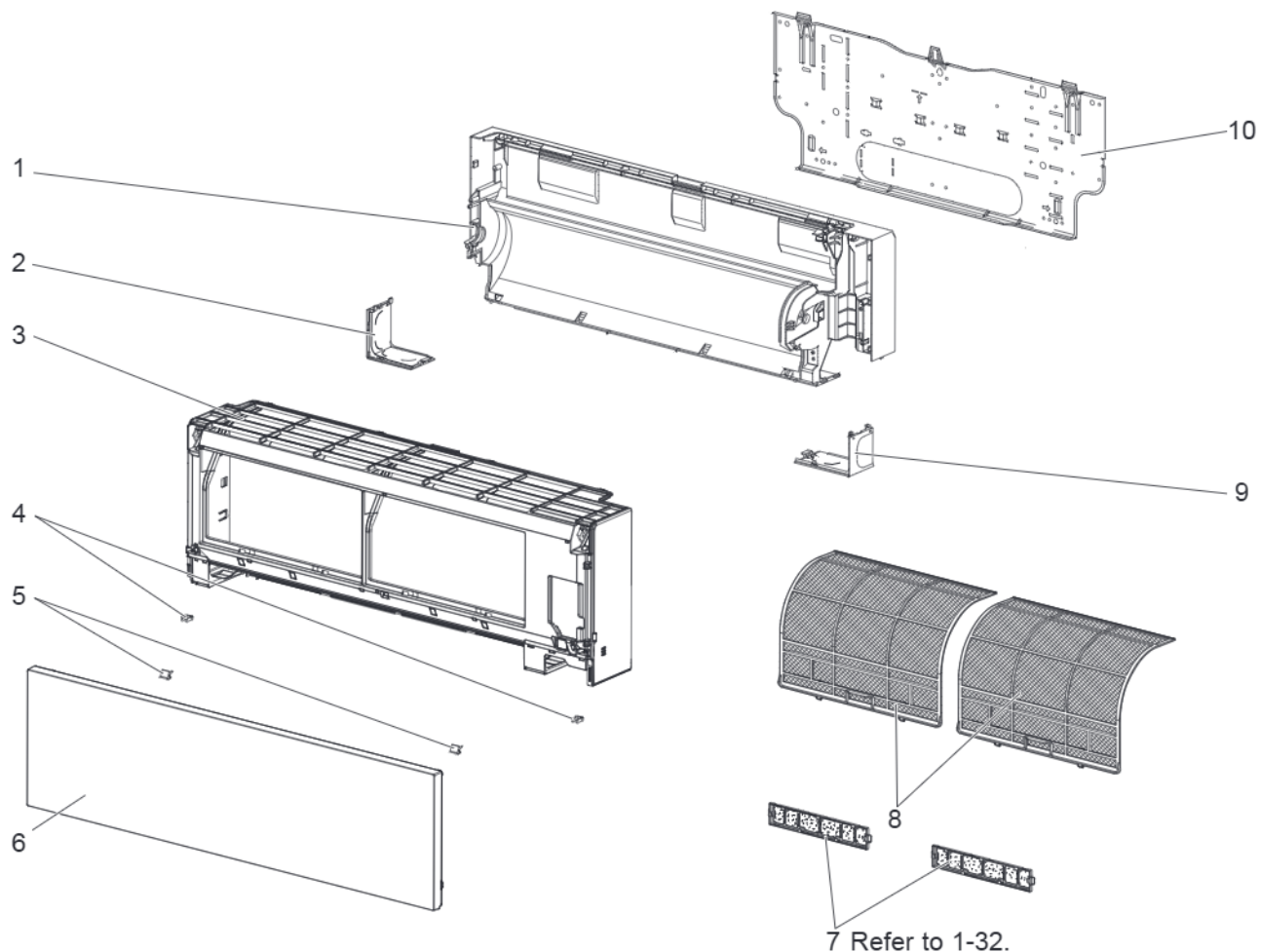
MSZ-EF35VE3W -[E1]

MSZ-EF35VE3B -[E1]

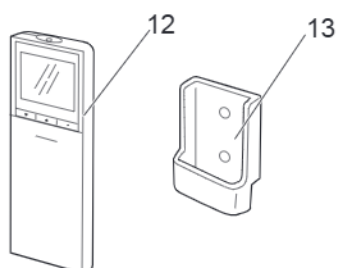
MSZ-EF50VE3W -[E1]

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 in Wiring Diagram	Q'ty/unit						Remarks
				MSZ-EF						
				25		35		50		
				VE3W -E1	VE3B -E1	VE3W -E1	VE3B -E1	VE3W -E1	VE3B -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 (SILVER-IONIZED AIR PURIFIER FILTER)		2	2	2	2	2	2	1 PC/SET
8	E22 W14 100	AIR FILTER (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 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 in Wiring Diagram	Q'ty/unit						Remarks
				MSZ-EF						
				25		35		50		
				VE3W -E1	VE3B -E1	VE3W -E1	VE3B -E1	VE3W -E1	VE3B -E1	
12	E22 R80 426	REMOTE CONTROLLER		1	1	1	1	1	1	SG15D
13	E22 F28 083	REMOTE CONTROLLER HOLDER		1	1	1	1	1	1	

MSZ-EF25VE3W -[E1]

MSZ-EF25VE3B -[E1]

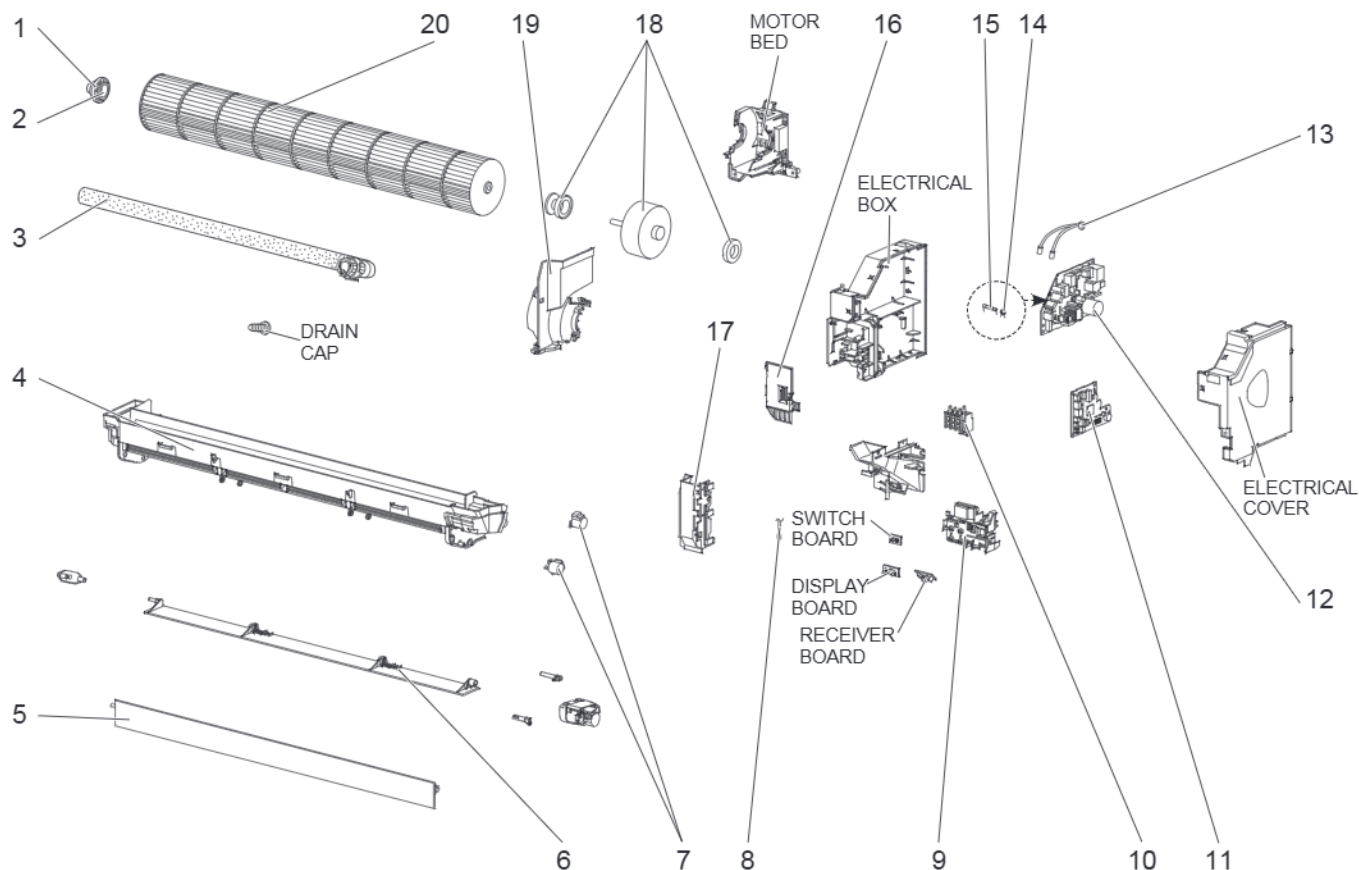
MSZ-EF35VE3W -[E1]

MSZ-EF35VE3B -[E1]

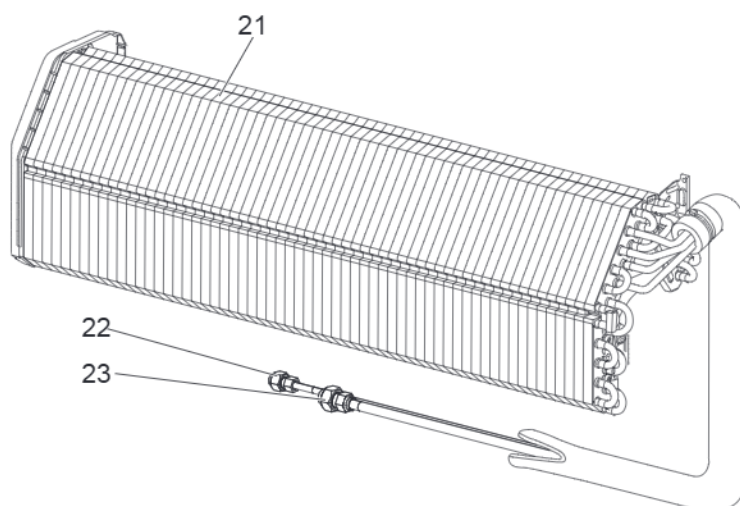
MSZ-EF50VE3W -[E1]

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

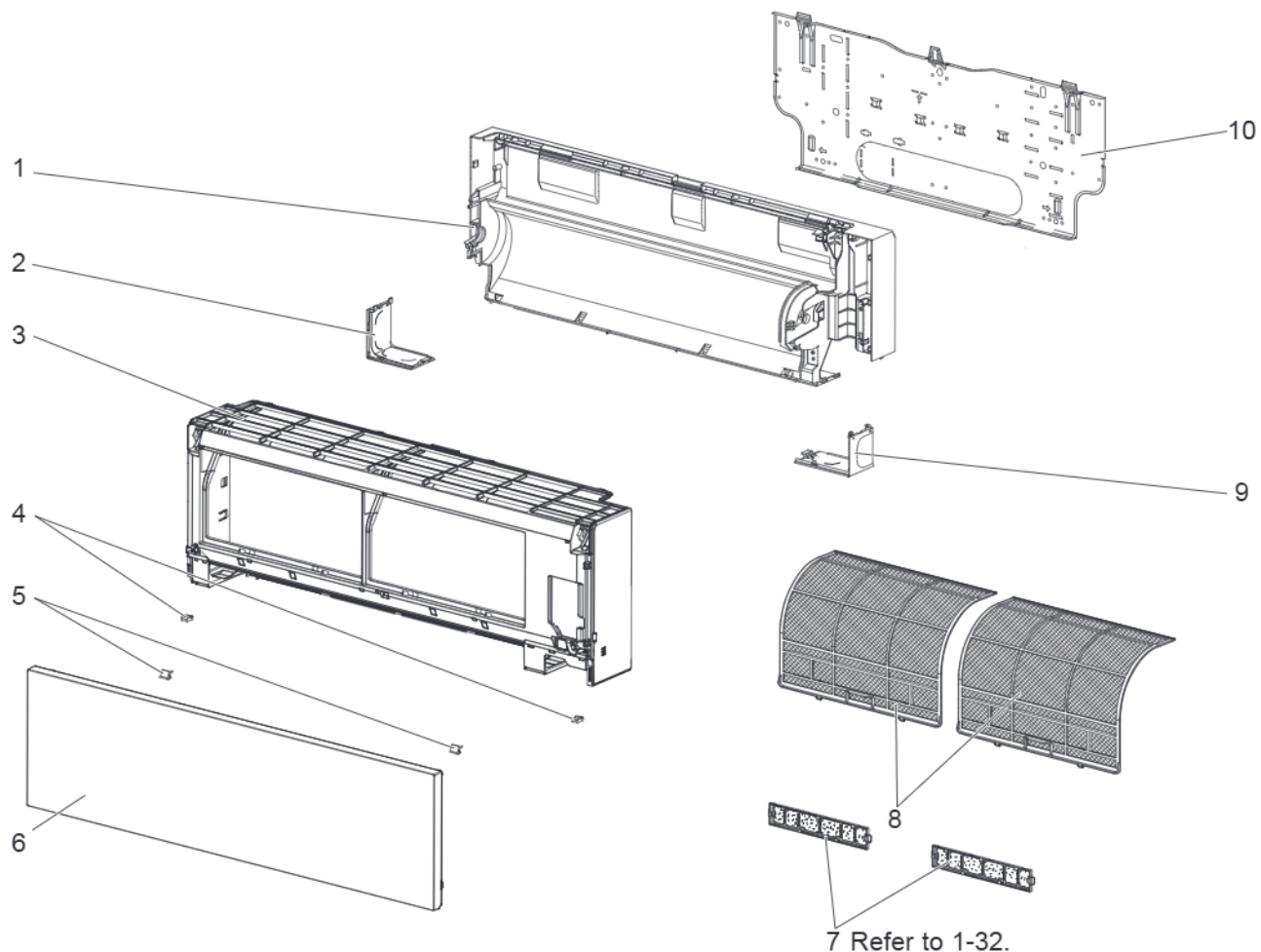
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit						Remarks
				MSZ-EF						
				25		35		50		
				VE3W -E1	VE3B -E1	VE3W -E1	VE3B -E1	VE3W -E1	VE3B -E1	
1	E22 751 509	BEARING MOUNT		1	1	1	1	1	1	
2	E22 001 504	SLEEVE BEARING		1	1	1	1	1	1	
3	E22 P72 702	DRAIN HOSE		1	1	1	1	1	1	
4	E22 F95 235	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 TEMPERATURE THERMISTOR	RT11	1	1	1	1	1	1	
9	E22 F95 095	DISPLAY P.C. BOARD 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 CONTROL P.C. BOARD		1	1					Includes RECEIVER BOARD, DISPLAY BOARD and SWITCH BOARD.
	E22 K16 452	ELECTRONIC CONTROL P.C. BOARD				1	1			
	E22 K18 452	ELECTRONIC 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 THERMISTOR	RT12, RT13	1	1	1	1	1	1	
14	E22 B75 385	VARISTOR	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-□□ Includes FAN MOTOR RUBBER MOUNT (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

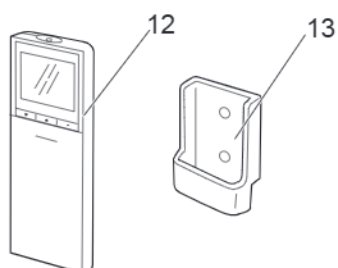
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit						Remarks
				MSZ-EF						
				25		35		50		
				VE3W -E1	VE3B -E1	VE3W -E1	VE3B -E1	VE3W -E1	VE3B -E1	
21	E22 F95 620	INDOOR HEAT EXCHANGER		1	1	1	1			
	E22 F99 620	INDOOR HEAT EXCHANGER						1	1	
22	E22 151 667	UNION (LIQUID)		1	1	1	1	1	1	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.

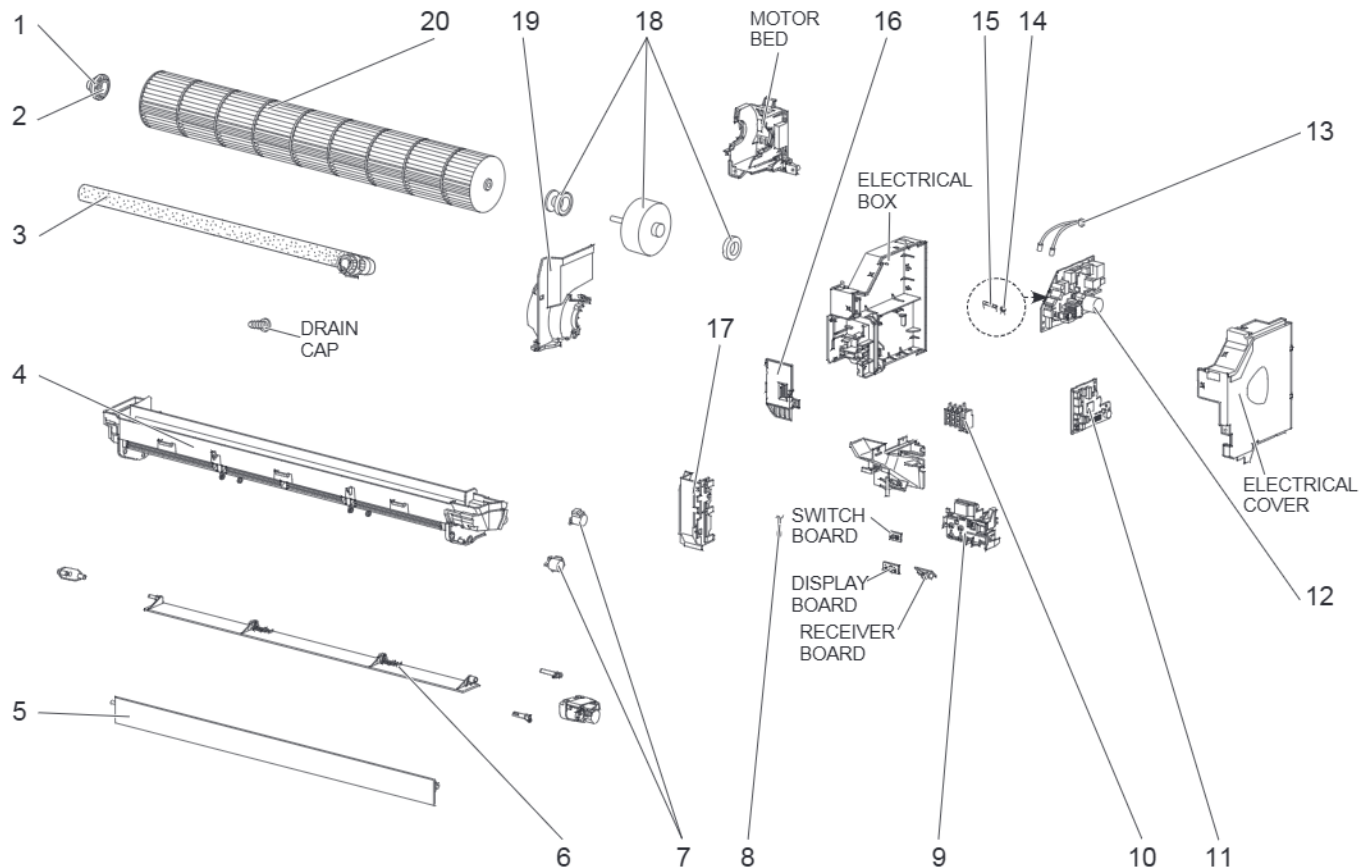
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE3W -E2	VE3B -E2	VE3S -E2	VE3W -E2	VE3B -E2	VE3S -E2	VE3W -E2	VE3B -E2	VE3S -E2	VE3W -E2	VE3B -E2	VE3S -E2	VE3W -E2	VE3B -E2	VE3S -E2	VE3W -E2	VE3B -E2	VE3S -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. 4, 5, and 6
	E22 W26 000	PANEL ASSEMBLY			1			1			1			1			1			1		Includes No. 4, 5, and 6
	E22 W20 000	PANEL ASSEMBLY				1			1			1			1			1			1	Includes 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	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 (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 (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 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

1-21. ACCESSORY AND REMOTE CONTROLLER

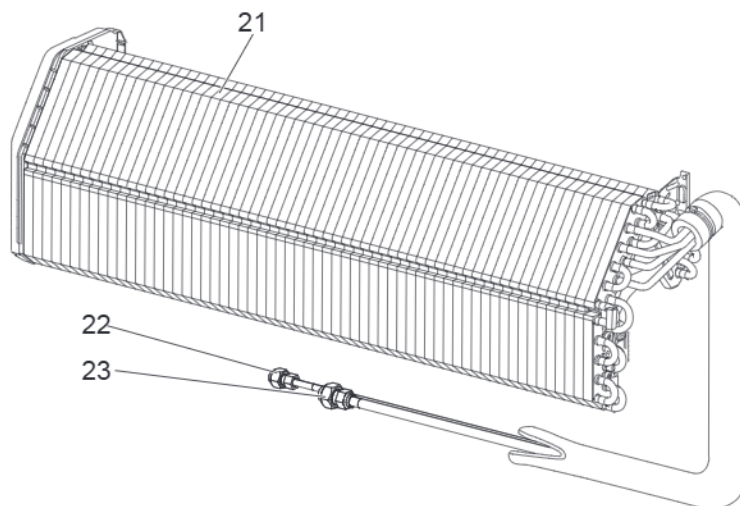
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	
																						
12	E22 R80 426	REMOTE CONTROLLER		1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

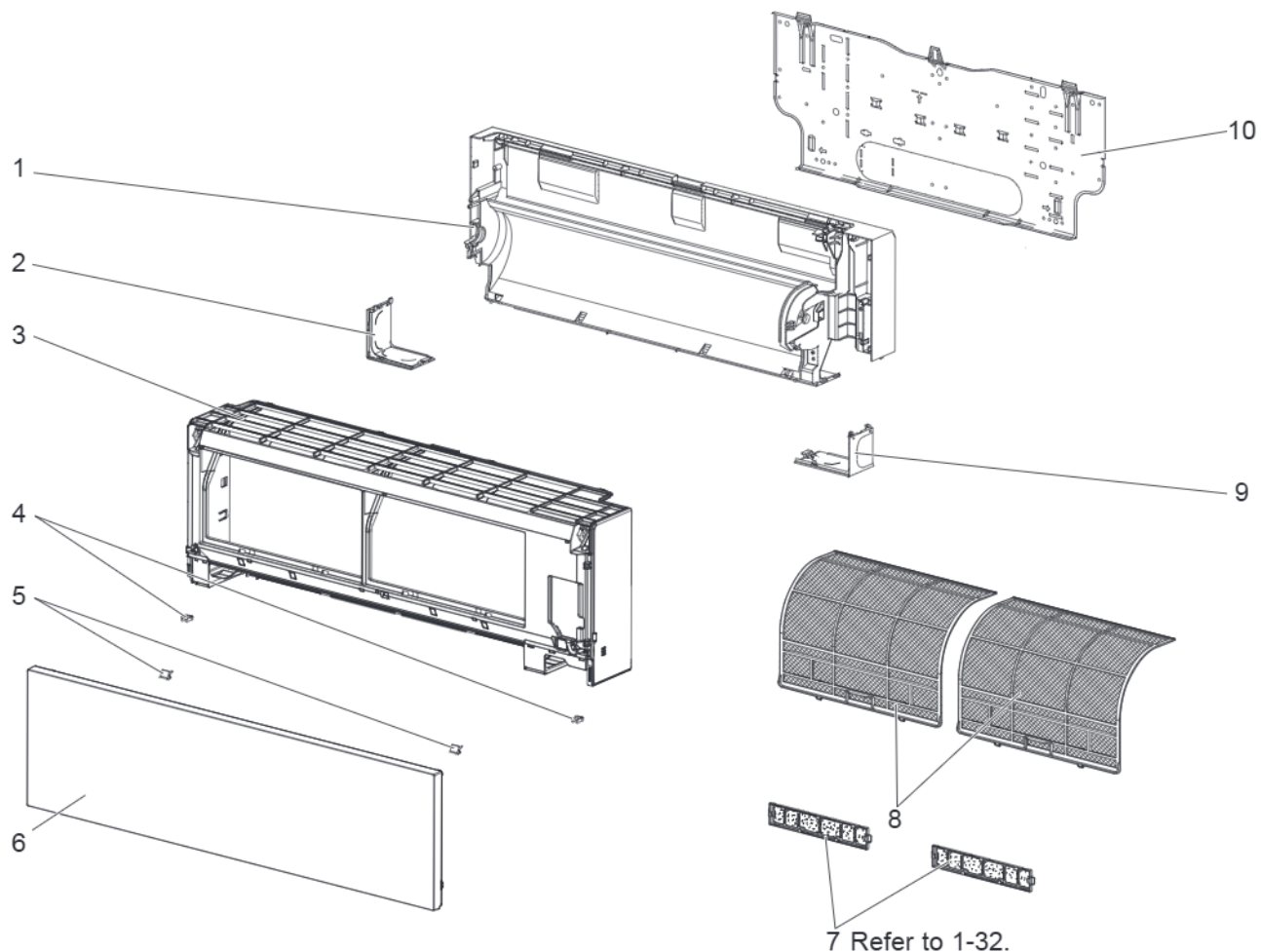
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	
				E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2			
1	E22 751 509	BEARING MOUNT		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		
3	E22 P72 702	DRAIN HOSE		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	UP & DOWN, 1 PC/SET		
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		
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		
10	E22 T21 375	TERMINAL BLOCK	TB	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											Includes RECEIVER BOARD, DISPLAY BOARD and SWITCH BOARD.		
	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		
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		
14	E22 B75 385	VARISTOR	NR11	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	T3.15AL250V		
16	E22 F95 784	V.A. CLAMP		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		
18	E22 J44 300	INDOOR FAN MOTOR	MF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	RC0J40-□□ Includes FAN MOTOR RUBBER MOUNT (2 PCS/SET)		
19	E22 F95 333	MOTOR BAND		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		

1-23. INDOOR UNIT HEAT EXCHANGER

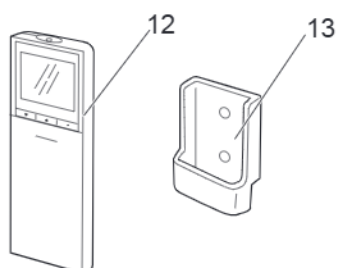
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit																		Remarks
				MSZ-EF																		
				18			22			25			35			42			50			
				VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	VE3W	VE3B	VE3S	
				E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2	E2			
21	E22 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	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 in Wiring Diagram	Q'ty/unit															Remarks
				MSZ-EF															
				22			25			35			42			50			
				VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -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 No. 4, 5, and 6
	E12 W44 000	PANEL ASSEMBLY			1			1			1			1			1		Includes No. 4, 5, and 6
	E12 W38 000	PANEL ASSEMBLY				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 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 (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 (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 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 in Wiring Diagram	Q'ty/unit															Remarks
				MSZ-EF															
				22			25			35			42			50			
				VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	
12	E12 R80 426	REMOTE CONTROLLER		1	1	1	1	1	1	1	1	1	1	1	1	1	1	SG15D	
13	E12 F28 083	REMOTE CONTROLLER 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]

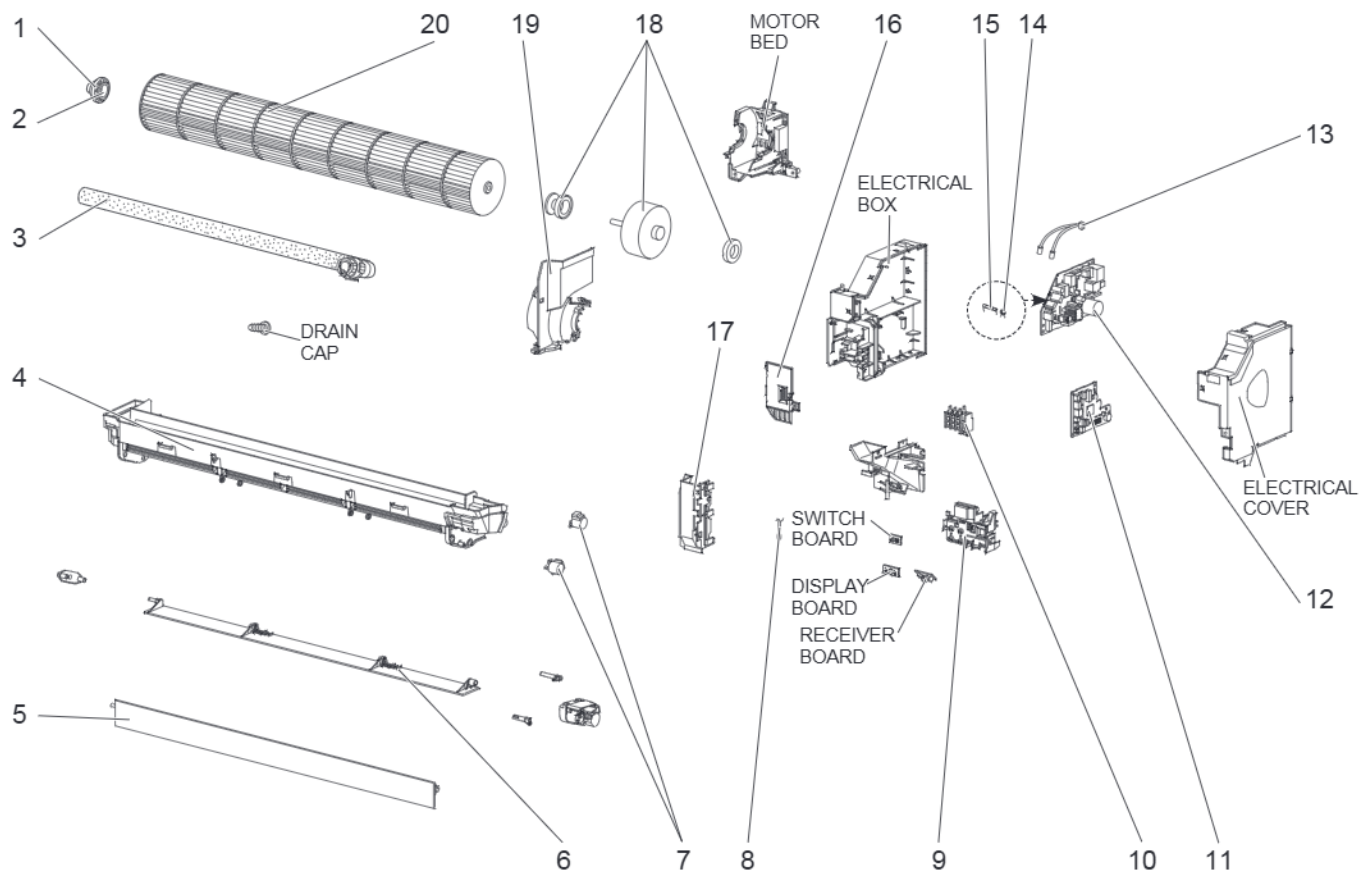
MSZ-EF22VE3S -[ER1] MSZ-EF25VE3S -[ER1] MSZ-EF35VE3S -[ER1]

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

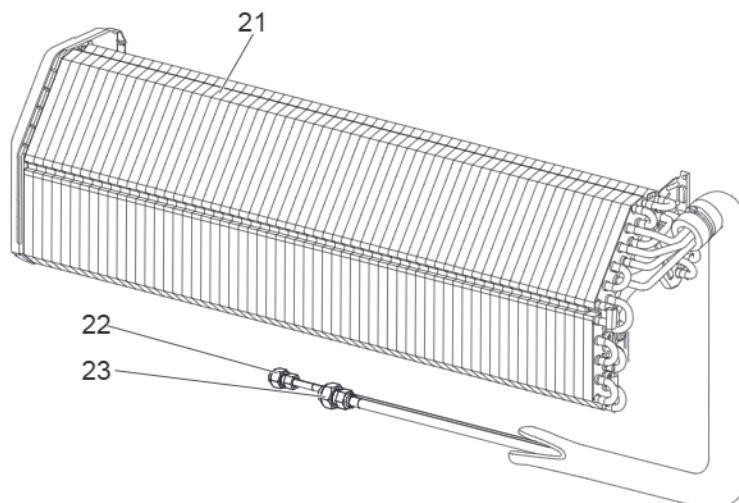
MSZ-EF42VE3B -[ER1] MSZ-EF50VE3B -[ER1]

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

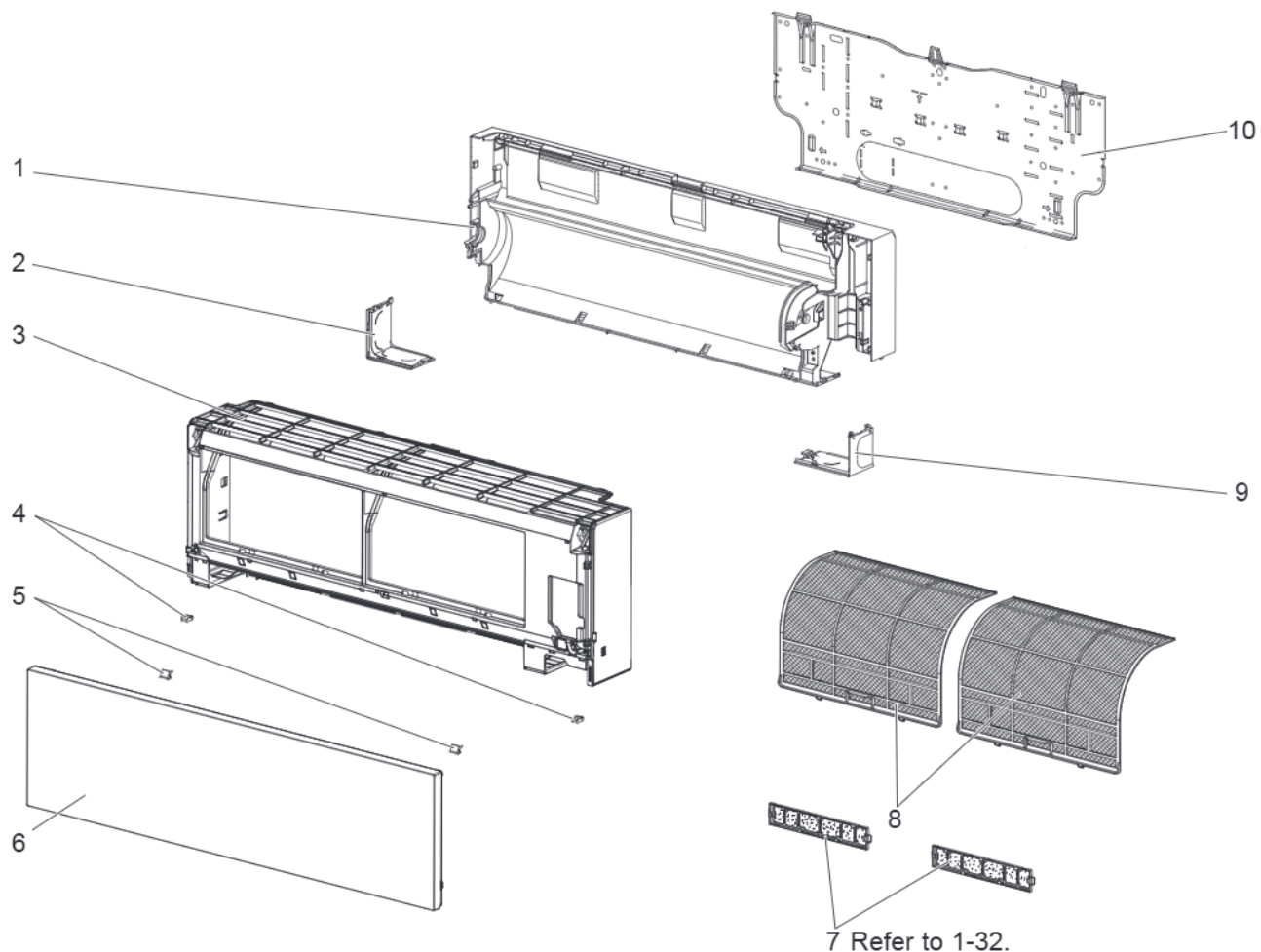
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit															Remarks
				MSZ-EF															
				22			25			35			42			50			
				VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	
1	E12 751 509	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, 1 PC/SET	
8	E12 F95 308	ROOM TEMPERATURE THERMISTOR	RT11	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
9	E12 F95 095	DISPLAY P.C. 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 CONTROL P.C. BOARD		1	1	1												Includes RECEIVER BOARD, DISPLAY BOARD and SWITCH BOARD.	
	E12 K15 452	ELECTRONIC CONTROL P.C. BOARD					1	1	1										
	E12 K16 452	ELECTRONIC CONTROL P.C. BOARD								1	1	1							
	E12 K17 452	ELECTRONIC CONTROL P.C. BOARD										1	1	1					
	E12 K18 452	ELECTRONIC 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		
13	E12 F95 307	INDOOR COIL THERMISTOR	RT12,RT13	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		
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		
17	E12 F95 541	WATER CUT		1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18	E12 J44 300	INDOOR FAN MOTOR	MF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	RC0J40-□□ Includes FAN MOTOR RUBBER MOUNT (2 PCS/SET)	
19	E12 F95 333	MOTOR BAND		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		

1-27. INDOOR UNIT HEAT EXCHANGER

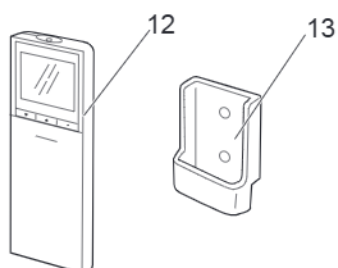
No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit															Remarks
				MSZ-EF															
				22			25			35			42			50			
				VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	VE3W -ER1	VE3B -ER1	VE3S -ER1	
21	E12 F95 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 in Wiring Diagram	Q'ty/unit															Remarks
				MSZ-EF															
				22			25			35			42			50			
				VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -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 No. 4, 5, and 6
	E22 W44 000	PANEL ASSEMBLY			1			1			1			1			1		Includes No. 4, 5, and 6
	E22 W38 000	PANEL ASSEMBLY				1			1			1			1			1	Includes 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 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 (SILVER-IONIZED AIR PURIFIER FILTER)		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1 PC/SET
8	E22 W14 100	AIR FILTER (AIR PURIFYING FILTER)		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 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

1-29. ACCESSORY AND REMOTE CONTROLLER

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

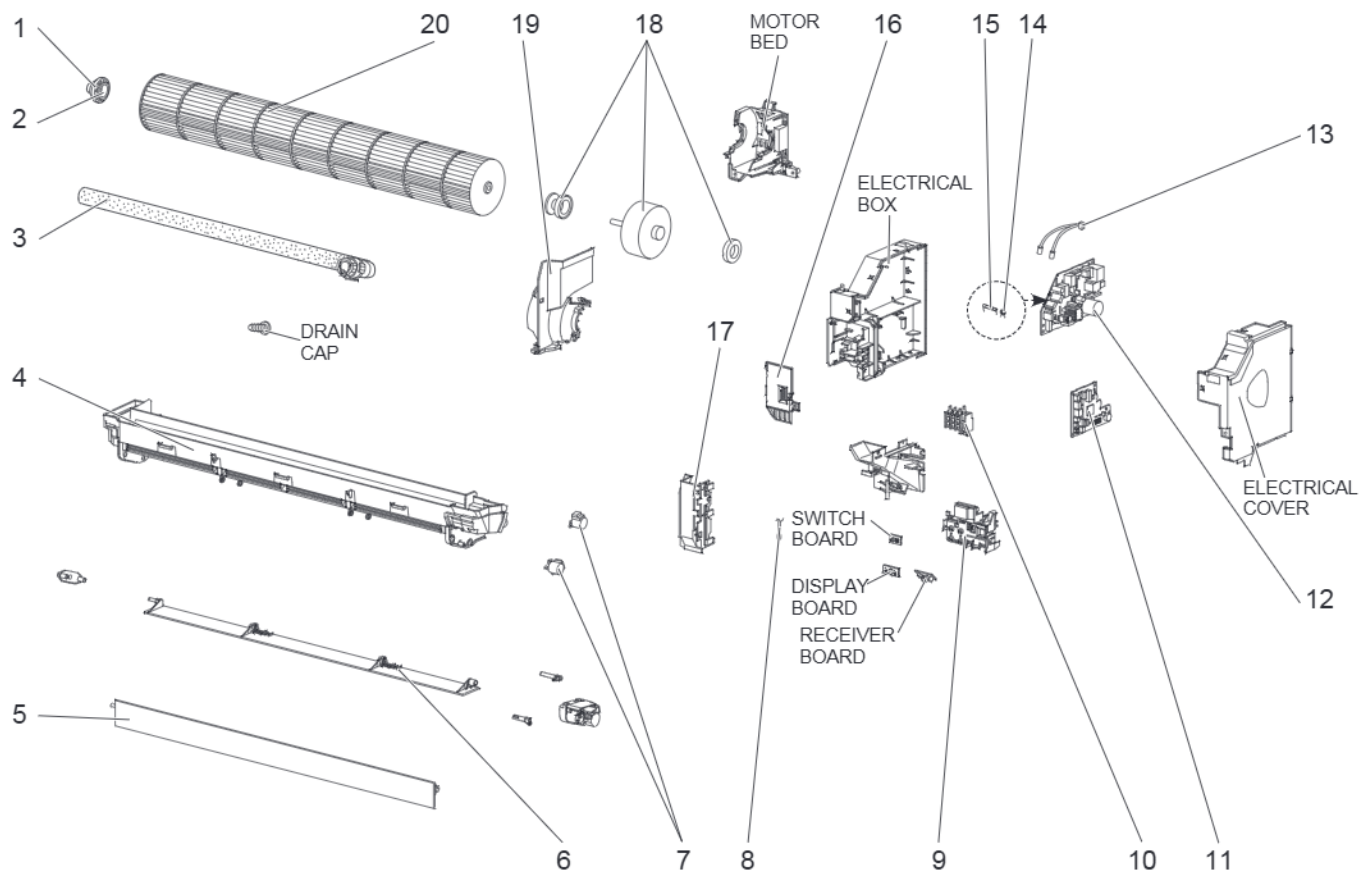
MSZ-EF22VE3S -[ER2] MSZ-EF25VE3S -[ER2] MSZ-EF35VE3S -[ER2]

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

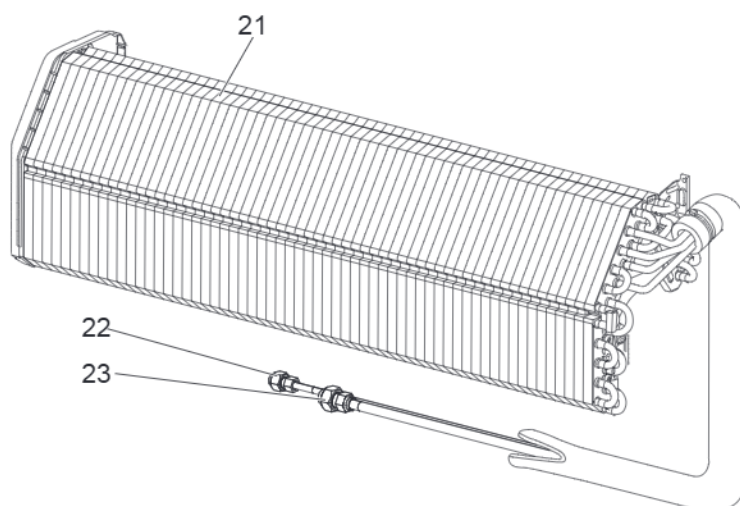
MSZ-EF42VE3B -[ER2] MSZ-EF50VE3B -[ER2]

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 in Wiring Diagram	Q'ty/unit															Remarks
				MSZ-EF															
				22			25			35			42			50			
				VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -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, 1 PC/SET
8	E22 F95 308	ROOM TEMPERATURE THERMISTOR	RT11	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
10	E22 T21 375	TERMINAL BLOCK	TB	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													Includes RECEIVER BOARD, DISPLAY BOARD and SWITCH BOARD.
	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	
12	E22 F98 440	POWER P.C. BOARD		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
14	E22 B75 385	VARISTOR	NR11	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	T3.15AL250V
16	E22 F95 784	V.A. CLAMP		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
18	E22 J44 300	INDOOR FAN MOTOR	MF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	RC0J40-□□ Includes FAN MOTOR RUBBER MOUNT (2 PCS/SET)
19	E22 F95 333	MOTOR BAND		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

1-31. INDOOR UNIT HEAT EXCHANGER

No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit															Remarks
				MSZ-EF															
				22			25			35			42			50			
				VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	VE3W -ER2	VE3B -ER2	VE3S -ER2	
21	E22 F95 620	INDOOR HEAT EXCHANGER		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	ø6.35	
23	E22 815 666	UNION (GAS)		1	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:

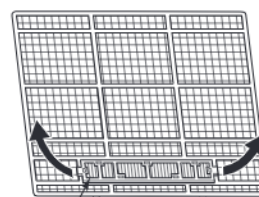
- Replace it with a new air cleaning filter for best performance.

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	

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