

SPLIT-TYPE AIR CONDITIONERS

Revision B:

• MSZ-AP25/35/42/50VG- ☐E6 ☐E7 and
MSZ-AP25/35/42/50VGK- ☐E6 ☐E7 have
been added.

OBB791 REVISED EDITION-A is void.

INDOOR UNIT PARTS CATALOG

No. OBB791
REVISED EDITION-B

Models

MSZ-AP25VG - ☐E6 ☐E7

MSZ-AP35VG - ☐E6 ☐E7

MSZ-AP42VG - ☐E6 ☐E7

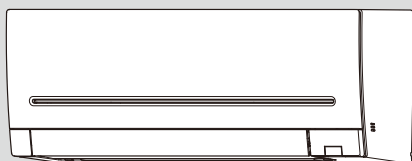
MSZ-AP50VG - ☐E6 ☐E7

MSZ-AP25VGK - ☐E6 ☐E7

MSZ-AP35VGK - ☐E6 ☐E7

MSZ-AP42VGK - ☐E6 ☐E7

MSZ-AP50VGK - ☐E6 ☐E7



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2. OPTIONAL PARTS 10

SERVICE MANUAL (OBH791)

Revision A:

• Some descriptions have been modified.

Revision B:

• MSZ-AP25/35/42/50VG- [E7] and MSZ-AP25/35/42/50VGK- [E7] have been added.

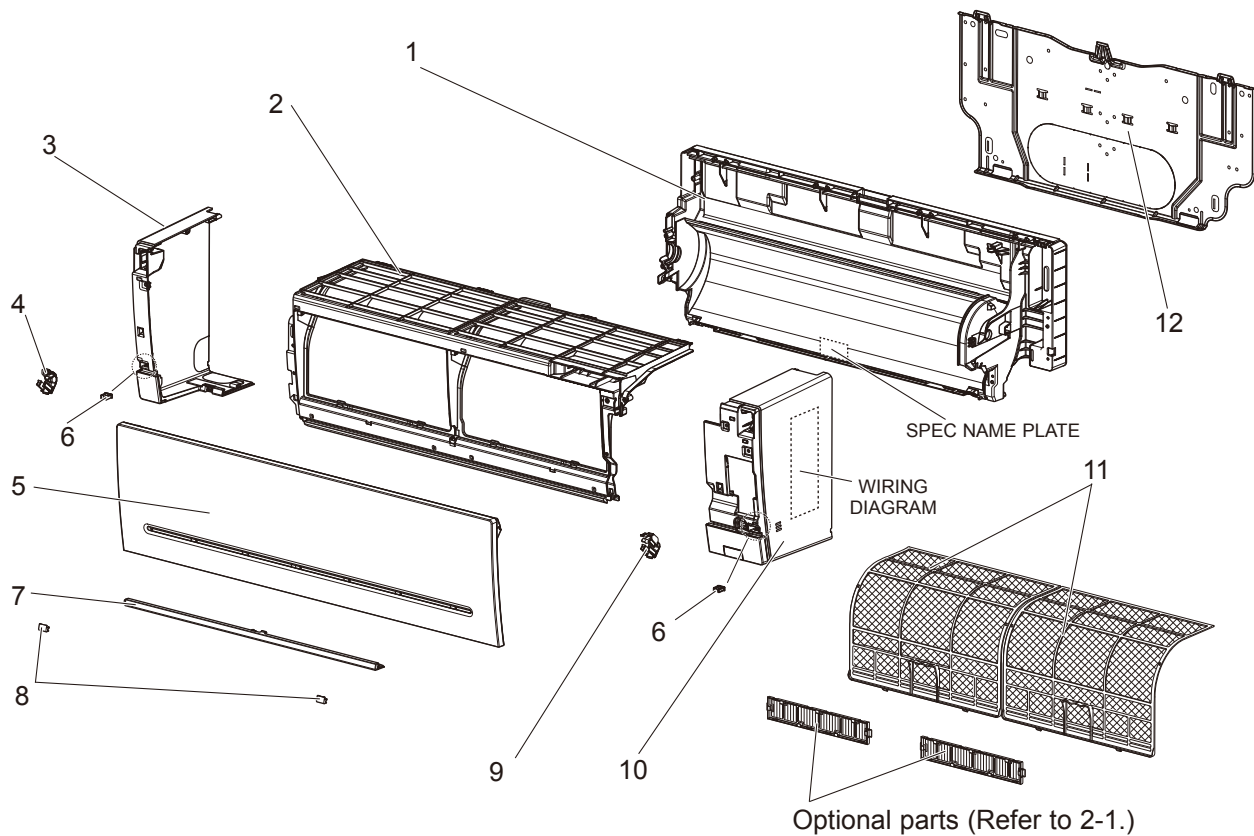
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SERVICE PARTS LIST

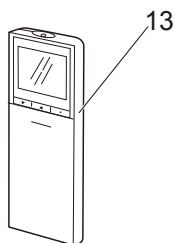
MSZ-AP25VG- [E6] , [E7] MSZ-AP35VG- [E6] , [E7]

MSZ-AP42VG- [E6] , [E7] MSZ-AP50VG- [E6] , [E7]

1-1. INDOOR UNIT STRUCTURAL PARTS



1-2. ACCESSORY AND REMOTE CONTROLLER



1-1. INDOOR UNIT STRUCTURAL PARTS

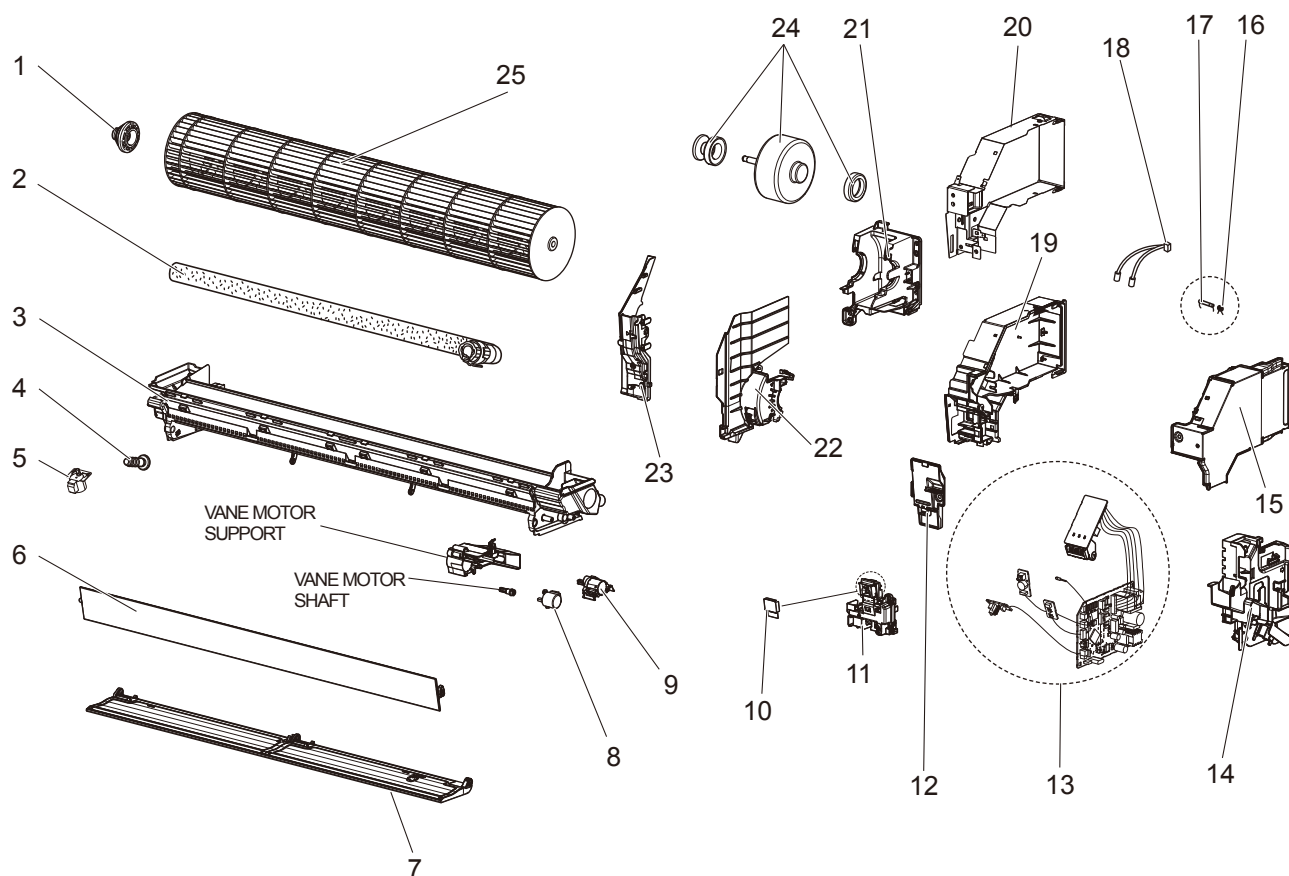
No.	Part No.	Part name	Symbol in Wiring Diagram	MSZ-AP25VG - E6	MSZ-AP25VG - E7	MSZ-AP35VG - E6	MSZ-AP35VG - E7	MSZ-AP42VG - E6	MSZ-AP42VG - E7	MSZ-AP50VG - E6	MSZ-AP50VG - E7	Remarks
1	T2W EBE 234	BOX ASSEMBLY		1	1	1	1	1	1	1	1	Not including SPEC NAME PLATE
2	T2W EAS 002	PANEL (FRONT) ASSEMBLY		1	1	1	1	1	1	1	1	
3	T2W EAR 057	PANEL (LEFT) ASSEMBLY		1	1	1	1	1	1	1	1	Includes No. 4,6
4	T2W EAK 039	ARM HOLDER (LEFT)		1	1	1	1	1	1	1	1	
5	T2W ECK 010	FRONT PANEL		1	1	1	1	1	1	1	1	
6	T2W EA3 008	CATCH		2	2	2	2	2	2	2	2	
7	T2W EA6 003	PANEL (UNDER) ASSEMBLY		1	1	1	1	1	1	1	1	
8	T2W EAN 067	SCREW CAP		2	2	2	2	2	2	2	2	
9	T2W EAL 039	ARM HOLDER (RIGHT)		1	1	1	1	1	1	1	1	
10	T2W EAP 006	PANEL (RIGHT) ASSEMBLY		1	1	1	1	1	1	1	1	Includes No. 6,9 Not including WIRING DIAGRAM
11	T2W EBD 100	AIR FILTER		2	2	2	2	2	2	2	2	1 PC/SET
12	T2W EA7 970	INSTALLATION PLATE		1	1	1	1	1	1	1	1	

1-2. ACCESSORY AND REMOTE CONTROLLER

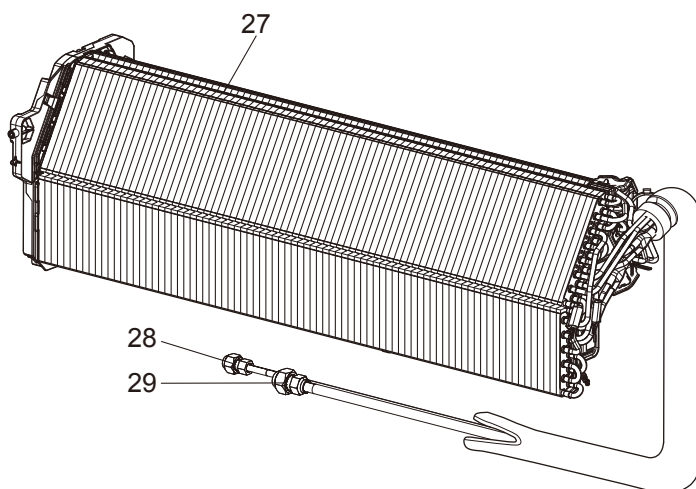
No.	Part No.	Part name	Symbol in Wiring Diagram	MSZ-AP25VG - E6	MSZ-AP25VG - E7	MSZ-AP35VG - E6	MSZ-AP35VG - E7	MSZ-AP42VG - E6	MSZ-AP42VG - E7	MSZ-AP50VG - E6	MSZ-AP50VG - E7	Remarks
13	T2W EES 426	REMOTE CONTROLLER		1		1		1		1		SG17B
13	T2W EFM 426	REMOTE CONTROLLER			1		1		1		1	SH20A

MSZ-AP25VG- E6 , E7 MSZ-AP35VG- E6 , E7
 MSZ-AP42VG- E6 , E7 MSZ-AP50VG- E6 , E7

1-3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



1-4. INDOOR UNIT HEAT EXCHANGER



1-3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

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

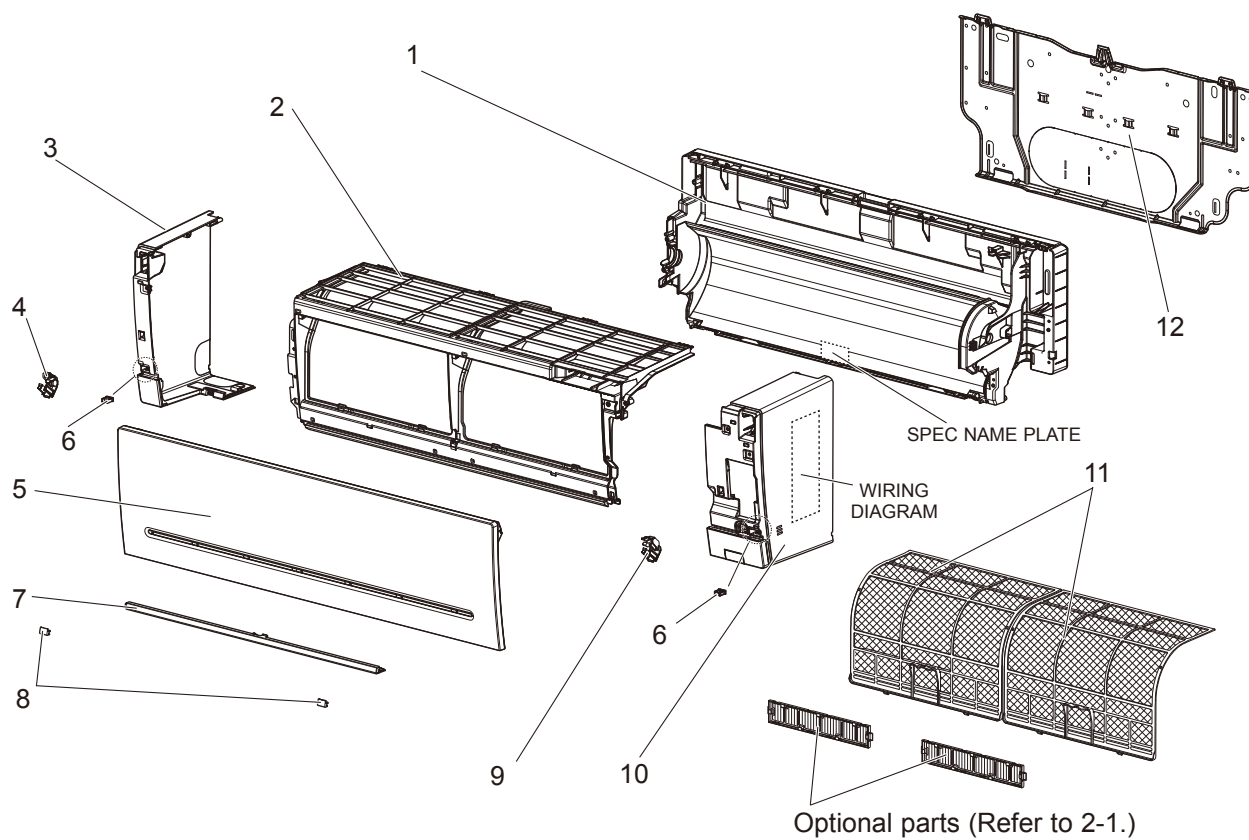
No.	Part No.	Part name	Symbol in Wiring Diagram	MSZ-AP25VG - E6	MSZ-AP25VG - E7	MSZ-AP35VG - E6	MSZ-AP35VG - E7	MSZ-AP42VG - E6	MSZ-AP42VG - E7	MSZ-AP50VG - E6	MSZ-AP50VG - E7	Remarks
1	T2W EA2 509	BEARING MOUNT ASSEMBLY		1	1	1	1	1	1	1	1	Includes sleeve bearing
2	T2W EAC 703	DRAIN HOSE ASSEMBLY (SHORT)		1	1	1	1	1	1	1	1	520 mm
3	T2W EBC 235	NOZZLE ASSEMBLY		1	1	1	1	1	1	1	1	
4	T2W EA1 707	DRAIN CAP		1	1	1	1	1	1	1	1	
5	T2W EBK 306	VANE MOTOR (VERTICAL)	MV3	1	1	1	1	1	1	1	1	RIGHT & LEFT
6	T2W ECM 041	HORIZONTAL VANE (UPPER) ASSEMBLY		1	1	1	1	1	1	1	1	Includes shaft
7	T2W ECN 041	HORIZONTAL VANE (LOWER) ASSEMBLY		1	1	1	1	1	1	1	1	Includes shaft
8	T2W EBL 306	VANE MOTOR (HORIZONTAL) (UPPER)	MV1	1	1	1	1	1	1	1	1	UP & DOWN
9	T2W EBM 306	VANE MOTOR (HORIZONTAL) (LOWER)	MV2	1	1	1	1	1	1	1	1	UP & DOWN
10	—	SWITCH SHEET		1	1	1	1	1	1	1	1	DY79D306H01
11	—	DISPLAY AND RECEIVER P.C. BOARD HOLDER ASSEMBLY		1	1	1	1	1	1	1	1	DY25A832G02
12	—	V.A. CLAMP ASSEMBLY		1	1	1	1	1	1	1	1	DK00G227G01
13	T2W F3A 450	ELECTRONIC CONTROL P.C. BOARD		1								Includes RECEIVER P.C. BOARD, DISPLAY P.C. BOARD, SWITCH/BUZZER P.C. BOARD, TERMINAL P.C. BOARD and ROOM TEMPERATURE THERMISTOR (RT11)
13	T2W F90 450	ELECTRONIC CONTROL P.C. BOARD			1							
13	T2W F3C 450	ELECTRONIC CONTROL P.C. BOARD				1						
13	T2W F91 450	ELECTRONIC CONTROL P.C. BOARD					1					
13	T2W F3D 450	ELECTRONIC CONTROL P.C. BOARD						1				
13	T2W F92 450	ELECTRONIC CONTROL P.C. BOARD							1			
13	T2W F3E 450	ELECTRONIC CONTROL P.C. BOARD								1		
13	T2W F93 450	ELECTRONIC CONTROL P.C. BOARD									1	
14	—	CABLE GUIDE		1	1	1	1	1	1	1	1	DY25A831G01
15	—	PB-COVER (RIGHT)		1	1	1	1	1	1	1	1	DK00G228G01
16	T2W EA3 313	VARIATOR	NR11	1	1	1	1	1	1	1	1	
17	T2W EA0 382	FUSE	F11	1	1	1	1	1	1	1	1	T3.15AL250V
18	T2W EB9 305	INDOOR COIL THERMISTOR	RT12, RT13	1	1	1	1					
18	T2W EBA 305	INDOOR COIL THERMISTOR	RT12, RT13					1	1	1	1	
19	—	PB-COVER (LEFT)		1	1	1	1	1	1	1	1	DY00A833G01
20	—	PB-BOX(LEFT)		1	1	1	1	1	1	1	1	DY25A830G01
21	—	MOTOR BED		1	1	1	1	1	1	1	1	SQ00C974G01
22	T2W EAE 023	MOTOR BAND		1	1	1	1	1	1	1	1	
23	—	WATER COVER		1	1	1	1	1	1	1	1	SQ25Y849G01
24	T2W EB1 300	INDOOR FAN MOTOR	MF	1	1	1	1	1	1	1	1	RC0J30□□, Includes FAN MOTOR RUBBER MOUNT (2 PCS/SET)
25	T2W EB9 302	LINE FLOW FAN		1	1	1	1	1	1	1	1	
②6	—	LEAD WIRE		1	1	1	1	1	1	1	1	SM00C948G02, Between CN151 on ELECTRONIC CONTROL P.C. BOARD and VANE MOTOR

1-4. INDOOR UNIT HEAT EXCHANGER

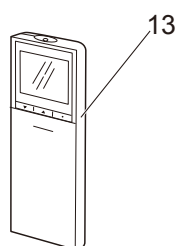
No.	Part No.	Part name	Symbol in Wiring Diagram	MSZ-AP25VG - E6	MSZ-AP25VG - E7	MSZ-AP35VG - E6	MSZ-AP35VG - E7	MSZ-AP42VG - E6	MSZ-AP42VG - E7	MSZ-AP50VG - E6	MSZ-AP50VG - E7	Remarks
27	T2W EHY 620	INDOOR HEAT EXCHANGER		1	1	1	1					Includes No. 28, 29
27	T2W EJ0 620	INDOOR HEAT EXCHANGER						1	1	1	1	Includes No. 28, 29
28	T2W EA1 664	UNION (LIQUID)		1	1	1	1	1	1	1	1	ø6.35
29	T2W EA2 663	UNION (GAS)		1	1	1	1	1	1	1	1	ø9.52

MSZ-AP25VGK- E6 , E7 **MSZ-AP35VGK-** E6 , E7
MSZ-AP42VGK- E6 , E7 **MSZ-AP50VGK-** E6 , E7

1-5. INDOOR UNIT STRUCTURAL PARTS



1-6. ACCESSORY AND REMOTE CONTROLLER



1-5. INDOOR UNIT STRUCTURAL PARTS

No.	Part No.	Part name	Symbol in Wiring Diagram	MSZ-AP25VGK - E6	MSZ-AP25VGK - E7	MSZ-AP35VGK - E6	MSZ-AP35VGK - E7	MSZ-AP42VGK - E6	MSZ-AP42VGK - E7	MSZ-AP50VGK - E6	MSZ-AP50VGK - E7	Remarks
1	T2W EBE 234	BOX ASSEMBLY		1	1	1	1	1	1	1	1	Not includes SPEC NAME PLATE
2	T2W EAS 002	PANEL (FRONT) ASSEMBLY		1	1	1	1	1	1	1	1	
3	T2W EAR 057	PANEL (LEFT) ASSEMBLY		1	1	1	1	1	1	1	1	Includes No. 4,6
4	T2W EAK 039	ARM HOLDER (LEFT)		1	1	1	1	1	1	1	1	
5	T2W ECK 010	FRONT PANEL		1	1	1	1	1	1	1	1	
6	T2W EA3 008	CATCH		2	2	2	2	2	2	2	2	
7	T2W EA6 003	PANEL (UNDER) ASSEMBLY		1	1	1	1	1	1	1	1	
8	T2W EAN 067	SCREW CAP		2	2	2	2	2	2	2	2	
9	T2W EAL 039	ARM HOLDER (RIGHT)		1	1	1	1	1	1	1	1	
10	T2W EAP 006	PANEL (RIGHT) ASSEMBLY		1	1	1	1	1	1	1	1	Includes No. 6,9 Not including WIRING DIAGRAM
11	T2W EBD 100	AIR FILTER		2	2	2	2	2	2	2	2	1 PC/SET
12	T2W EA7 970	INSTALLATION PLATE		1	1	1	1	1	1	1	1	

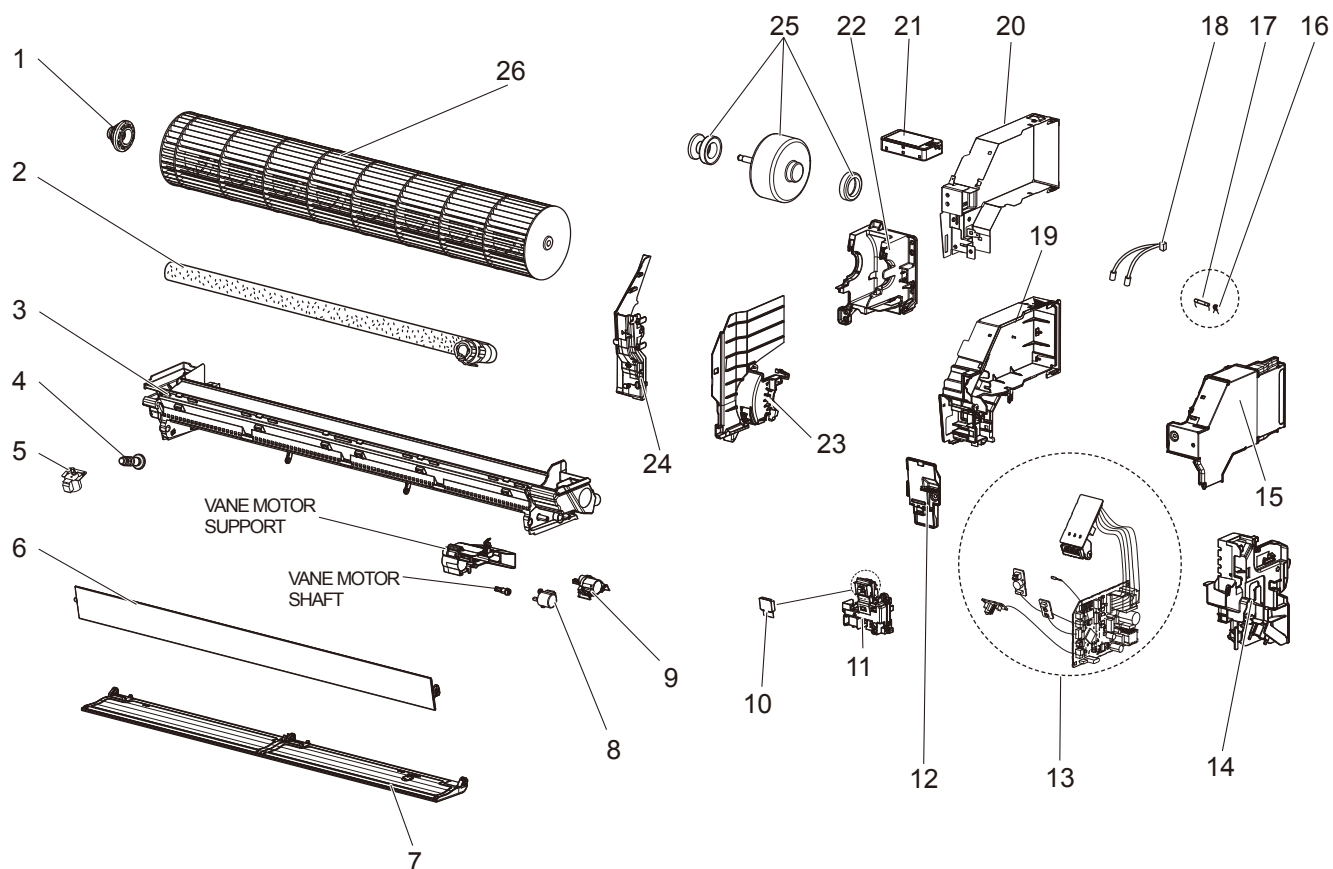
1-6. ACCESSORY AND REMOTE CONTROLLER

No.	Part No.	Part name	Symbol in Wiring Diagram	MSZ-AP25VGK - E6	MSZ-AP25VGK - E7	MSZ-AP35VGK - E6	MSZ-AP35VGK - E7	MSZ-AP42VGK - E6	MSZ-AP42VGK - E7	MSZ-AP50VGK - E6	MSZ-AP50VGK - E7	Remarks
13	T2W EES 426	REMOTE CONTROLLER		1		1		1		1		SG17B
13	T2W EFM 426	REMOTE CONTROLLER			1		1		1		1	SH20A

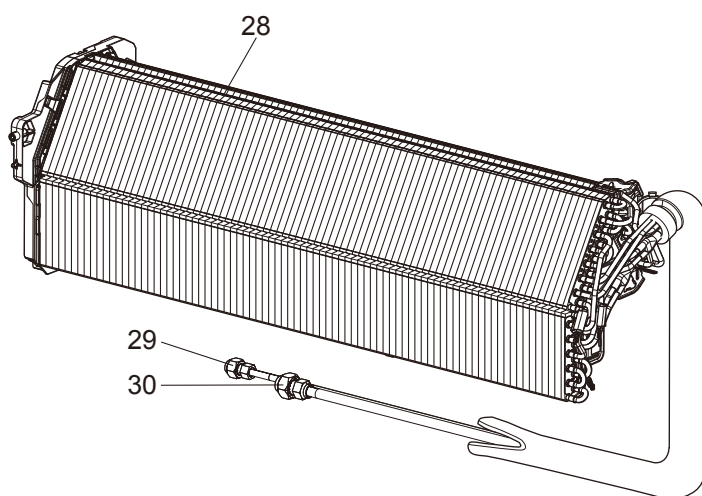
MSZ-AP25VGK- E6 , E7 MSZ-AP35VGK- E6 , E7

MSZ-AP42VGK- E6 , E7 MSZ-AP50VGK- E6 , E7

1-7. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



1-8. INDOOR UNIT HEAT EXCHANGER



1-7. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

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

No.	Part No.	Part name	Symbol in Wiring Diagram	MSZ-AP25VGK - [E6]	MSZ-AP25VGK - [E7]	MSZ-AP35VGK - [E6]	MSZ-AP35VGK - [E7]	MSZ-AP42VGK - [E6]	MSZ-AP42VGK - [E7]	MSZ-AP50VGK - [E6]	MSZ-AP50VGK - [E7]	Remarks
1	T2W EA2 509	BEARING MOUNT ASSEMBLY		1	1	1	1	1	1	1	1	Includes sleeve bearing
2	T2W EAC 703	DRAIN HOSE ASSEMBLY (SHORT)		1	1	1	1	1	1	1	1	520 mm
3	T2W EBC 235	NOZZLE ASSEMBLY		1	1	1	1	1	1	1	1	
4	T2W EA1 707	DRAIN CAP		1	1	1	1	1	1	1	1	
5	T2W EBK 306	VANE MOTOR (VERTICAL)	MV3	1	1	1	1	1	1	1	1	RIGHT & LEFT
6	T2W ECM 041	HORIZONTAL VANE (UPPER) ASSEMBLY		1	1	1	1	1	1	1	1	Includes shaft
7	T2W ECN 041	HORIZONTAL VANE (LOWER) ASSEMBLY		1	1	1	1	1	1	1	1	Includes shaft
8	T2W EBL 306	VANE MOTOR (HORIZONTAL) (UPPER)	MV1	1	1	1	1	1	1	1	1	UP & DOWN
9	T2W EBM 306	VANE MOTOR (HORIZONTAL) (LOWER)	MV2	1	1	1	1	1	1	1	1	UP & DOWN
10	—	SWITCH SHEET		1	1	1	1	1	1	1	1	DY79D306H01
11	—	DISPLAY AND RECEIVER P.C. BOARD HOLDER ASSEMBLY		1	1	1	1	1	1	1	1	DY25A832G02
12	—	V.A. CLAMP ASSEMBLY		1	1	1	1	1	1	1	1	DK00G227G01
13	T2W F3A 450	ELECTRONIC CONTROL P.C. BOARD		1								Includes RECEIVER P.C. BOARD, DISPLAY P.C. BOARD, SWITCH/BUZZER P.C. BOARD, TERMINAL P.C. BOARD and ROOM TEMPERATURE THERMISTOR (RT11)
13	T2W F90 450	ELECTRONIC CONTROL P.C. BOARD			1							
13	T2W F3C 450	ELECTRONIC CONTROL P.C. BOARD				1						
13	T2W F91 450	ELECTRONIC CONTROL P.C. BOARD					1					
13	T2W F3D 450	ELECTRONIC CONTROL P.C. BOARD						1				
13	T2W F92 450	ELECTRONIC CONTROL P.C. BOARD							1			
13	T2W F3E 450	ELECTRONIC CONTROL P.C. BOARD								1		
13	T2W F93 450	ELECTRONIC CONTROL P.C. BOARD									1	
14	—	CABLE GUIDE		1	1	1	1	1	1	1	1	DY25A831G01
15	—	PB-COVER (RIGHT)		1	1	1	1	1	1	1	1	DK00G228G01
16	T2W EA3 313	VARISTOR	NR11	1	1	1	1	1	1	1	1	
17	T2W EA0 382	FUSE	F11	1	1	1	1	1	1	1	1	T3.15AL250V
18	T2W EB9 305	INDOOR COIL THERMISTOR	RT12, RT13	1	1	1	1					
18	T2W EBA 305	INDOOR COIL THERMISTOR	RT12, RT13					1	1	1	1	
19	—	PB-COVER (LEFT)		1	1	1	1	1	1	1	1	DY00A833G01
20	—	PB-BOX(LEFT)		1	1	1	1	1	1	1	1	DY25A830G01
21	T2W EAD 441	Wi-Fi INTERFACE MAC-566IFB-E		1		1		1		1		MAC-566IFB-E
21	T2W EAF 441	Wi-Fi INTERFACE MAC-577IF2-E			1		1		1		1	MAC-577IF2-E
22	—	MOTOR BED		1	1	1	1	1	1	1	1	SQ00C974G01
23	T2W EAE 023	MOTOR BAND		1	1	1	1	1	1	1	1	
24	—	WATER COVER		1	1	1	1	1	1	1	1	SQ25Y849G01
25	T2W EB1 300	INDOOR FAN MOTOR	MF	1	1	1	1	1	1	1	1	RC0J30□□, Includes FAN MOTOR RUBBER MOUNT (2 PCS/SET)
26	T2W EB9 302	LINE FLOW FAN		1	1	1	1	1	1	1	1	
②7	—	LEAD WIRE		1	1	1	1	1	1	1	1	SM00C948G02, Between CN151 on ELECTRONIC CONTROL P.C. BOARD and VANE MOTOR

1-8. INDOOR UNIT HEAT EXCHANGER

No.	Part No.	Part name	Symbol in Wiring Diagram	MSZ-AP25VGK - [E6]	MSZ-AP25VGK - [E7]	MSZ-AP35VGK - [E6]	MSZ-AP35VGK - [E7]	MSZ-AP42VGK - [E6]	MSZ-AP42VGK - [E7]	MSZ-AP50VGK - [E6]	MSZ-AP50VGK - [E7]	Remarks
28	T2W EHY 620	INDOOR HEAT EXCHANGER		1	1	1	1					Includes No. 29, 30
28	T2W EJ0 620	INDOOR HEAT EXCHANGER						1	1	1	1	Includes No. 29, 30
29	T2W EA1 664	UNION (LIQUID)		1	1	1	1	1	1	1	1	ø6.35
30	T2W EA2 663	UNION (GAS)		1	1	1	1	1	1	1	1	ø9.52

2-1. 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:

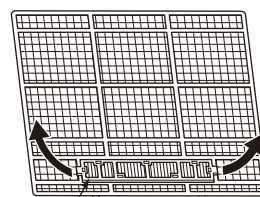
- Replace it with a new air cleaning filter for best performance.

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-AP25VG	MAC-2370FT-E
MSZ-AP35VG	
MSZ-AP42VG	
MSZ-AP50VG	
MSZ-AP25VGK	
MSZ-AP35VGK	
MSZ-AP42VGK	
MSZ-AP50VGK	

Pull to remove from the air filter



Air cleaning filter
(Silver-ionized air purifier filter)

MITSUBISHI ELECTRIC CORPORATION

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

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Issued: Jan. 2020. No. OBB791 REVISED EDITION-B

Issued: Jul. 2019. No. OBB791 REVISED EDITION-A

Published: Dec. 2017. No. OBB791

Made in Japan

Specifications are subject to change without notice.