

Revision B:

• MSZ-AP15/20VG-(E2, ET2) and
MSZ-AP15/20VGK-(E1, ET1, ER1) have
been added.

OBB838 REVISED EDITION-A is void.

INDOOR UNIT

No. OBB838
REVISED EDITION-B

PARTS CATALOG

Models

MSZ-AP15VG - E1, ET1, ER1, E2, ET2

MSZ-AP20VG - E1, ET1, ER1, E2, ET2

MSZ-AP15VGK - E1, ET1, ER1

MSZ-AP20VGK - E1, ET1, ER1



MSZ-AP15VG
MSZ-AP20VG

CONTENTS

1. SERVICE PARTS LIST2

SERVICE MANUAL (OBH838)

Revision A:

• MSZ-AP15/20VG-**ER1** have been added.

Revision B:

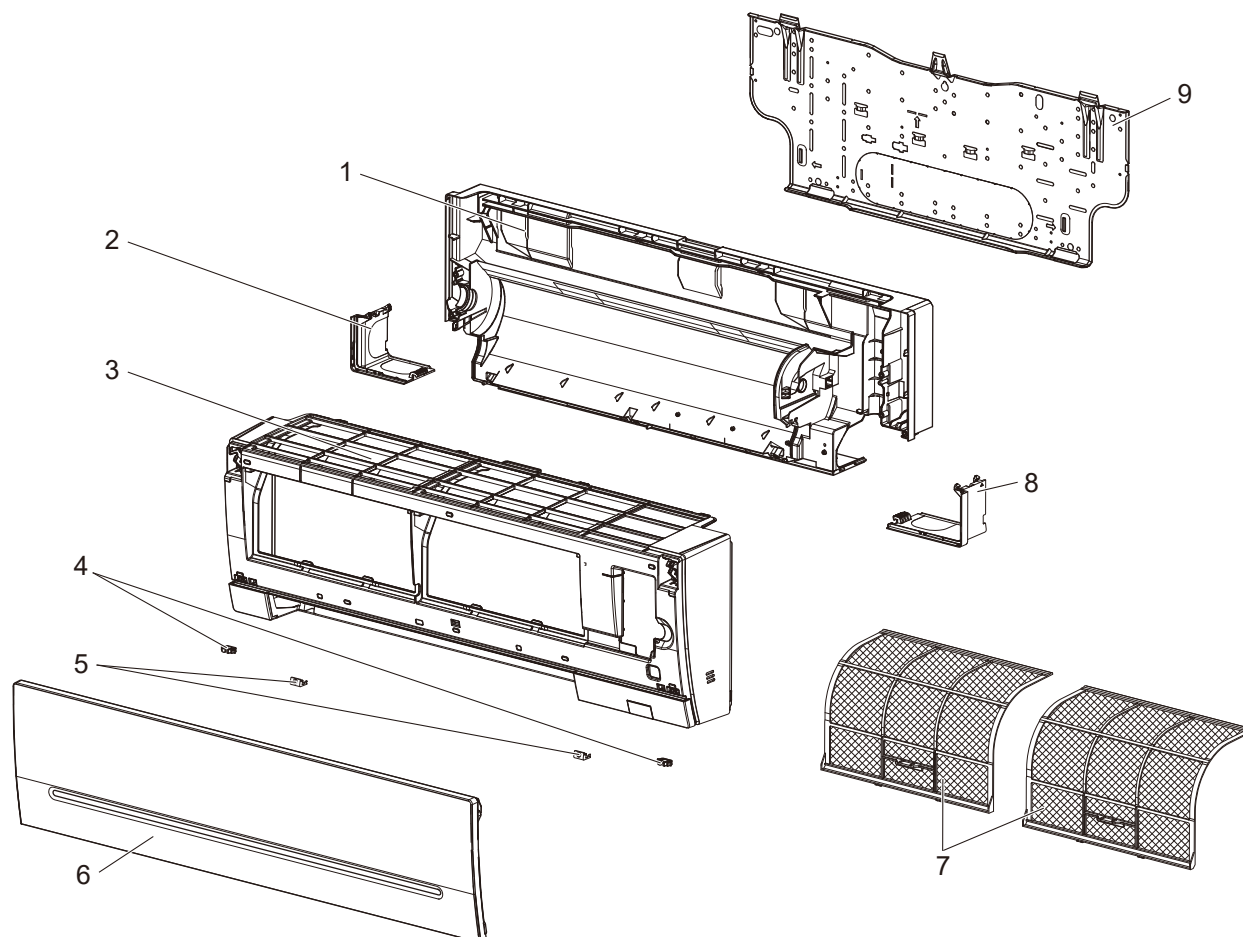
• MSZ-AP15/20VG-**E2**, **ET2** and MSZ-AP15/20VGK-**ET1**, **ET1**, **ER1** have been added.

1

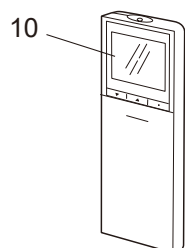
SERVICE PARTS LIST

MSZ-AP15VG-E1**, **ET1**, **ER1** MSZ-AP20VG-**E1**, **ET1**, **ER1****

1-1. INDOOR UNIT STRUCTURAL PARTS



1-2. ACCESSORY AND REMOTE CONTROLLER



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-AP15VG- E1	MSZ-AP15VG- ET1	MSZ-AP15VG- ER1	MSZ-AP20VG- E1	MSZ-AP20VG- ET1	MSZ-AP20VG- ER1	Symbol in Wiring Diagram	Remarks
1	E22 31D 234	BOX ASSEMBLY	1	1	1	1	1	1		
2	E22 31D 976	CORNER BOX (LEFT)	1	1	1	1	1	1		
3	E22 31D 000	PANEL ASSEMBLY	1			1				Includes No. 4, 5 and 6
3	E22 44J 000	PANEL ASSEMBLY		1			1			Includes No. 4, 5 and 6
3	E22 32D 000	PANEL ASSEMBLY			1			1		Includes No. 4, 5 and 6
4	E22 K90 142	CATCH	2	2	2	2	2	2		2 PCS/SET
5	E22 31D 067	SCREW CAP	2	2	2	2	2	2		2 PCS/SET
6	E22 31D 010	FRONT PANEL ASSEMBLY	1	1	1	1	1	1		
7	E22 K90 100	AIR FILTER	2	2	2	2	2	2		1 PC/SET
8	E22 31D 975	CORNER BOX (RIGHT)	1	1	1	1	1	1		
9	E22 K90 970	INSTALLATION PLATE	1	1	1	1	1	1		

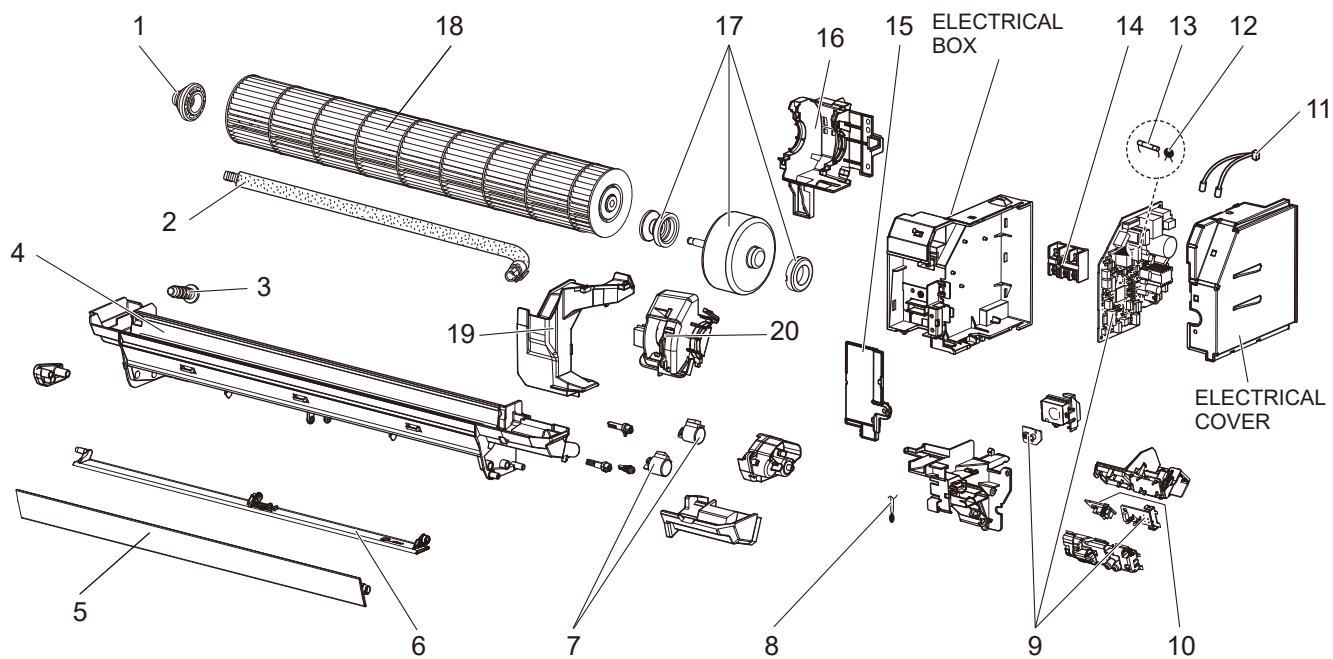
1-2. ACCESSORY AND REMOTE CONTROLLER

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

No.	Part No.	Part name	MSZ-AP15VG- E1	MSZ-AP15VG- ET1	MSZ-AP15VG- ER1	MSZ-AP20VG- E1	MSZ-AP20VG- ET1	MSZ-AP20VG- ER1	Symbol in Wiring Diagram	Remarks
10	E22 42J 426	REMOTE CONTROLLER	1	1		1	1			SG19C
10	E22 46J 426	REMOTE CONTROLLER			1			1		SG19C

MSZ-AP15VG- E1, ET1, ER1 **MSZ-AP20VG-** E1, ET1, ER1

1-3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

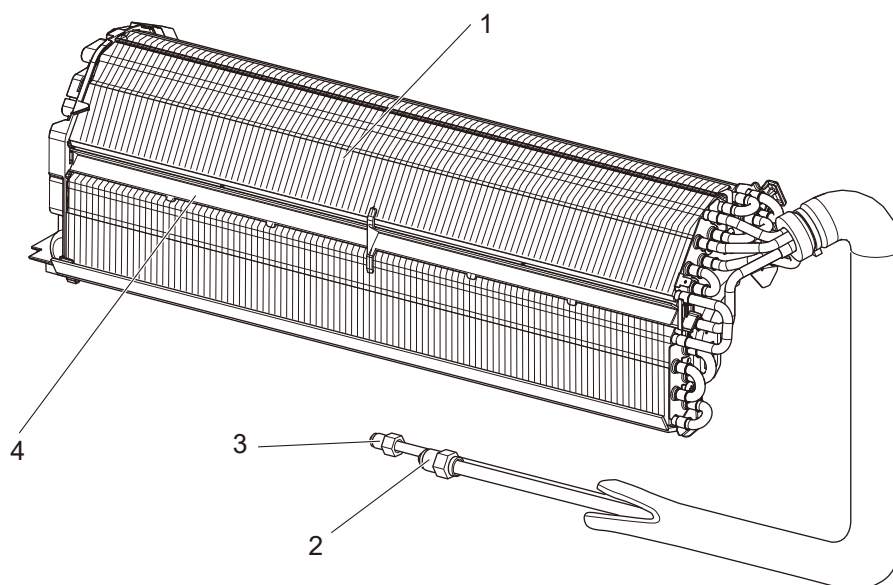


1-3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

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

No.	Part No.	Part name	MSZ-AP15VG- E1	MSZ-AP15VG- ET1	MSZ-AP15VG- ER1	MSZ-AP20VG- E1	MSZ-AP20VG- ET1	MSZ-AP20VG- ER1	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 A89 509	BEARING MOUNT ASSEMBLY	1	1	1	1	1	1		Includes sleeve bearing
2	E22 K90 702	DRAIN HOSE	1	1	1	1	1	1		
3	-	DRAIN CAP	1	1	1	1	1	1		[SU26R611H01]
4	E22 31D 235	NOZZLE ASSEMBLY	1	1	1	1	1	1		
5	E22 31D 040	VANE UPPER	1	1	1	1	1	1		
6	E22 31D 041	VANE LOWER	1	1	1	1	1	1		
7	E22 A89 303	VANE MOTOR	2	2	2	2	2	2	MV1, MV2	UP & DOWN
8	E22 K90 308	ROOM TEMPERATURE THERMISTOR	1	1	1	1	1	1	RT11	
9	E22 42J 452	ELECTRONIC CONTROL P.C. BOARD	1	1	1					Includes SW P.C. BOARD and DISPLAY P.C. BOARD
9	E22 43J 452	ELECTRONIC CONTROL P.C. BOARD				1	1	1		Includes SW P.C. BOARD and DISPLAY P.C. BOARD
10	E22 K90 468	POWER MONITOR RECEIVER P.C. BOARD	1	1	1	1	1	1		
11	E22 K90 307	INDOOR COIL THERMISTOR	1	1	1	1	1	1	RT12, RT13	
12	E22 K90 385	VARISTOR	1	1	1	1	1	1	NR11	
13	E22 42J 382	FUSE	1	1	1	1	1	1	F11	T3.15AL250V
14	E22 K90 375	TERMINAL BLOCK	1	1	1	1	1	1	TB	
15	E22 K90 784	V.A. CLAMP	1	1	1	1	1	1		
16	E22 42J 333	MOTOR BED	1	1	1	1	1	1		
17	E22 42J 300	INDOOR FAN MOTOR	1	1	1	1	1	1	MF	RC0J30-□□ Includes FAN MOTOR RUBBER MOUNT (2 PC/SET)
18	E22 K90 302	LINE FLOW FAN	1	1	1	1	1	1		
19	E22 18P 541	WATER COVER	1	1	1	1	1	1		
20	E22 K90 333	MOTOR BAND	1	1	1	1	1	1		

MSZ-AP15VG- E1, ET1, ER1 MSZ-AP20VG- E1, ET1, ER1
1-4. INDOOR UNIT HEAT EXCHANGER



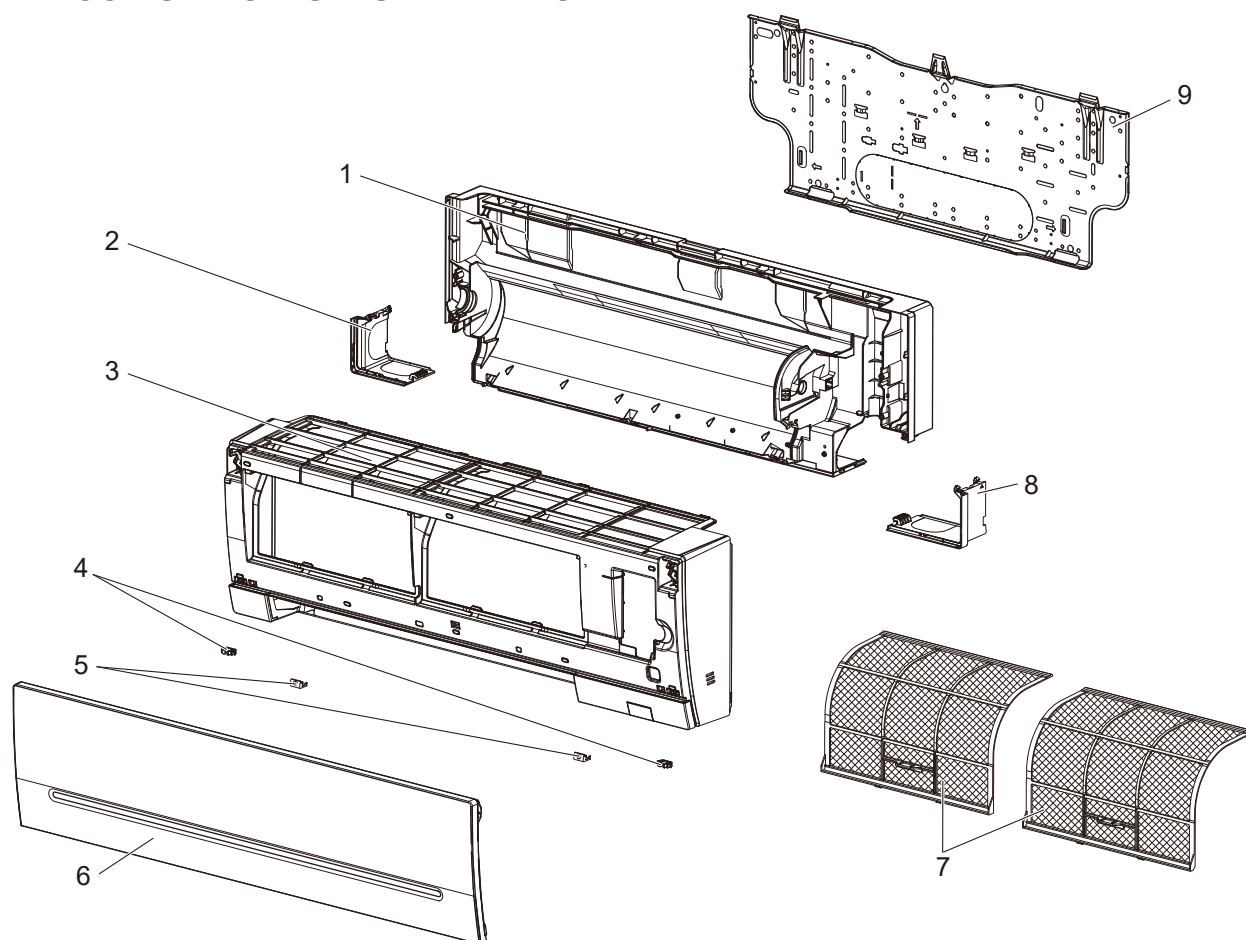
1-4. INDOOR UNIT HEAT EXCHANGER

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

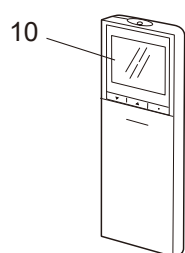
No.	Part No.	Part name	MSZ-AP15VG- 	MSZ-AP15VG- 	MSZ-AP15VG- 	MSZ-AP20VG- 	MSZ-AP20VG- 	MSZ-AP20VG- 	Symbol in Wiring Diagram	Remarks
1	E22 K90 620	INDOOR HEAT EXCHANGER	1	1	1	1	1	1		
2	E22 151 666	UNION (GAS)	1	1	1	1	1	1		ø9.52
3	E22 151 667	UNION (LIQUID)	1	1	1	1	1	1		ø6.35
4	E22 K90 707	DRAIN PLATE ASSEMBLY	1	1	1	1	1	1		

MSZ-AP15VG- E2, ET2 **MSZ-AP20VG-** E2, ET2

1-5. INDOOR UNIT STRUCTURAL PARTS



1-6. ACCESSORY AND REMOTE CONTROLLER



1-5. INDOOR UNIT STRUCTURAL PARTS

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

No.	Part No.	Part name	MSZ-AP15VG- E2	MSZ-AP15VG- ET2	MSZ-AP20VG- E2	MSZ-AP20VG- ET2	Symbol in Wiring Diagram	Remarks
1	E22 31D 234	BOX ASSEMBLY	1	1	1	1		
2	E22 31D 976	CORNER BOX (LEFT)	1	1	1	1		
3	E22 31D 000	PANEL ASSEMBLY	1		1			Includes No. 4, 5 and 6
3	E22 44J 000	PANEL ASSEMBLY		1		1		Includes No. 4, 5 and 6
4	E22 K90 142	CATCH	2	2	2	2		2 PCS/SET
5	E22 31D 067	SCREW CAP	2	2	2	2		2 PCS/SET
6	E22 31D 010	FRONT PANEL ASSEMBLY	1	1	1	1		
7	E22 K90 100	AIR FILTER	2	2	2	2		1 PC/SET
8	E22 31D 975	CORNER BOX (RIGHT)	1	1	1	1		
9	E22 K90 970	INSTALLATION PLATE	1	1	1	1		

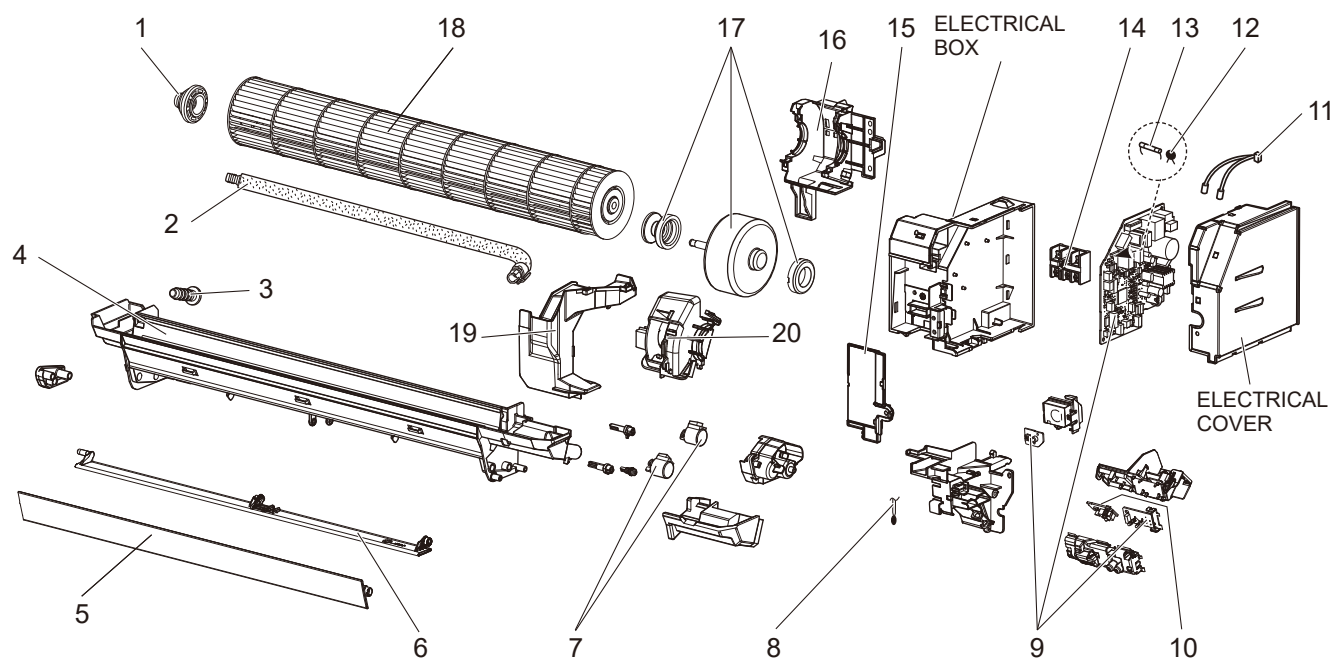
1-6. ACCESSORY AND REMOTE CONTROLLER

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

No.	Part No.	Part name	MSZ-AP15VG- E2	MSZ-AP15VG- ET2	MSZ-AP20VG- E2	MSZ-AP20VG- ET2	Symbol in Wiring Diagram	Remarks
10	E22 11P 426	REMOTE CONTROLLER	1	1	1	1		SH20B

MSZ-AP15VG- E2, ET2 **MSZ-AP20VG-** E2, ET2

1-7. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



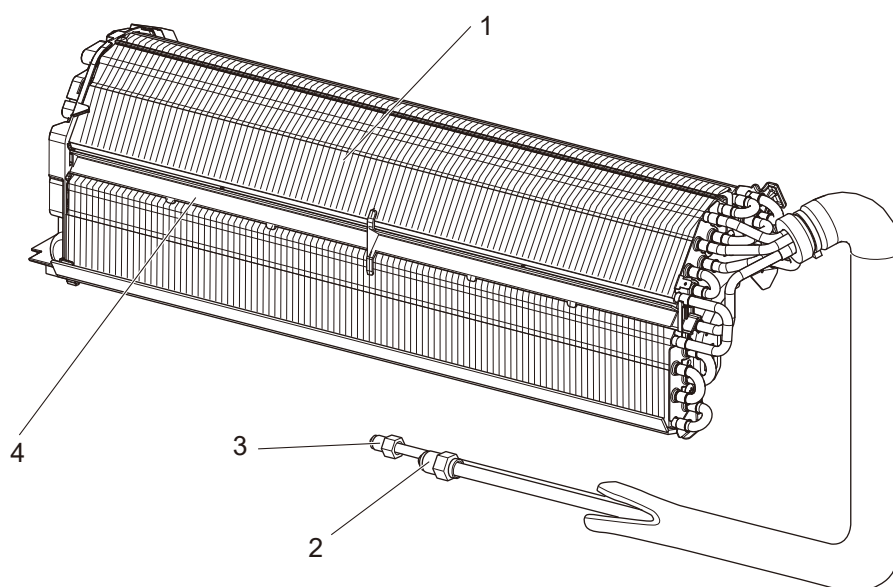
1-7. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

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

No.	Part No.	Part name	MSZ-AP15VG- E2	MSZ-AP15VG- ET2	MSZ-AP20VG- E2	MSZ-AP20VG- ET2	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 A89 509	BEARING MOUNT ASSEMBLY	1	1	1	1		Includes sleeve bearing
2	E22 K90 702	DRAIN HOSE	1	1	1	1		
3	-	DRAIN CAP	1	1	1	1		[SU26R611H01]
4	E22 31D 235	NOZZLE ASSEMBLY	1	1	1	1		Full assembly except DRAIN HOSE
5	E22 31D 040	VANE UPPER	1	1	1	1		
6	E22 31D 041	VANE LOWER	1	1	1	1		
7	E22 A89 303	VANE MOTOR	2	2	2	2	MV1, MV2	UP & DOWN
8	E22 K90 308	ROOM TEMPERATURE THERMISTOR	1	1	1	1	RT11	
9	E22 11P 452	ELECTRONIC CONTROL P.C. BOARD	1	1				Includes SW P.C. BOARD and DISPLAY P.C. BOARD
9	E22 12P 452	ELECTRONIC CONTROL P.C. BOARD			1	1		Includes SW P.C. BOARD and DISPLAY P.C. BOARD
10	E22 11P 468	POWER MONITOR RECEIVER P.C. BOARD	1	1	1	1		
11	E22 11P 307	INDOOR COIL THERMISTOR	1	1	1	1	RT12, RT13	
12	E22 K90 385	VARISTOR	1	1	1	1	NR11	
13	E22 42J 382	FUSE	1	1	1	1	F11	T3.15AL250V
14	E22 K90 375	TERMINAL BLOCK	1	1	1	1	TB	
15	E22 K90 784	V.A. CLAMP	1	1	1	1		
16	E22 42J 333	MOTOR BED	1	1	1	1		
17	E22 42J 300	INDOOR FAN MOTOR	1	1	1	1	MF	RC0J30-□□ Includes FAN MOTOR RUBBER MOUNT (2 PC/SET)
18	E22 K90 302	LINE FLOW FAN	1	1	1	1		
19	E22 18P 541	WATER COVER	1	1	1	1		
20	E22 K90 333	MOTOR BAND	1	1	1	1		Includes rubber mounts

MSZ-AP15VG- **E2**, **ET2** **MSZ-AP20VG-** **E2**, **ET2**

1-8. INDOOR UNIT HEAT EXCHANGER

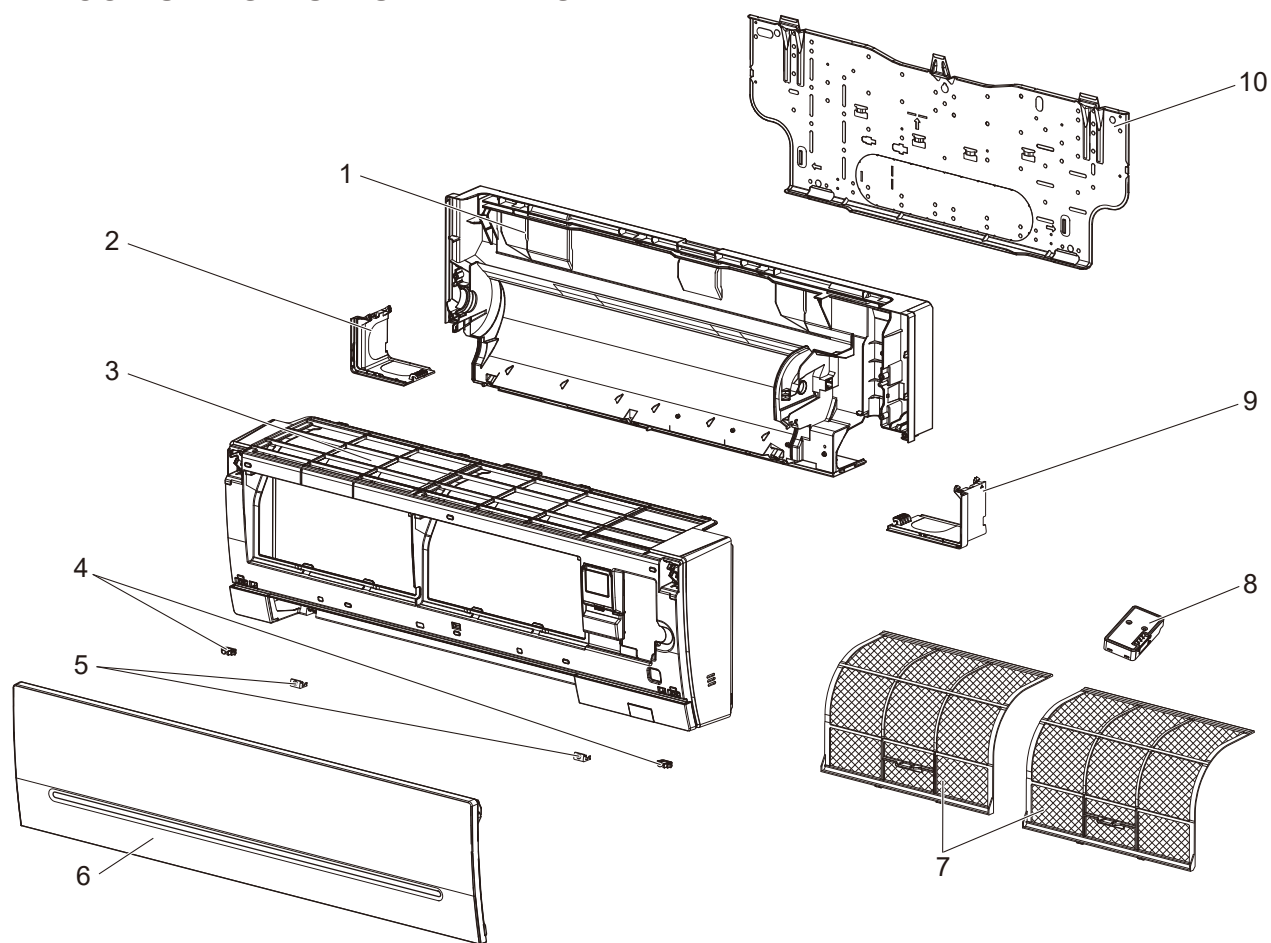


1-8. INDOOR UNIT HEAT EXCHANGER

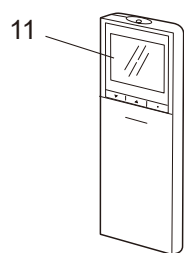
1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part name	MSZ-AP15VG- 	MSZ-AP15VG- 	MSZ-AP20VG- 	MSZ-AP20VG- 	Symbol in Wiring Diagram	Remarks
1	E22 11P 620	INDOOR HEAT EXCHANGER	1	1	1	1		Not including CORNER BOX L
2	E22 151 666	UNION (GAS)	1	1	1	1		ø9.52
3	E22 151 667	UNION (LIQUID)	1	1	1	1		ø6.35
4	E22 K90 707	DRAIN PLATE ASSEMBLY	1	1	1	1		

MSZ-AP15VGK MSZ-AP20VGK
1-9. INDOOR UNIT STRUCTURAL PARTS



1-10. ACCESSORY AND REMOTE CONTROLLER



1-9. INDOOR UNIT STRUCTURAL PARTS

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

No.	Part No.	Part name	MSZ-AP15VGK- E1	MSZ-AP15VGK- ET1	MSZ-AP15VGK- ER1	MSZ-AP20VGK- E1	MSZ-AP20VGK- ET1	MSZ-AP20VGK- ER1	Symbol in Wiring Diagram	Remarks
1	E22 31D 234	BOX ASSEMBLY	1	1	1	1	1	1		
2	E22 31D 976	CORNER BOX (LEFT)	1	1	1	1	1	1		
3	E22 11P 000	PANEL ASSEMBLY	1			1				Includes No. 4, 5 and 6
3	E22 13P 000	PANEL ASSEMBLY		1			1			Includes No. 4, 5 and 6
3	E22 04R 000	PANEL ASSEMBLY			1			1		Includes No. 4, 5 and 6
4	E22 K90 142	CATCH	2	2	2	2	2	2		2 PCS/SET
5	E22 31D 067	SCREW CAP	2	2	2	2	2	2		2 PCS/SET
6	E22 31D 010	FRONT PANEL ASSEMBLY	1	1	1	1	1	1		
7	E22 K90 100	AIR FILTER	2	2	2	2	2	2		1 PC/SET
8	E22 11P 457	Wi-Fi INTERFACE MAC-577IF2-E	1	1	1	1	1	1		MAC-577IF2-E
9	E22 31D 975	CORNER BOX (RIGHT)	1	1	1	1	1	1		
10	E22 K90 970	INSTALLATION PLATE	1	1	1	1	1	1		

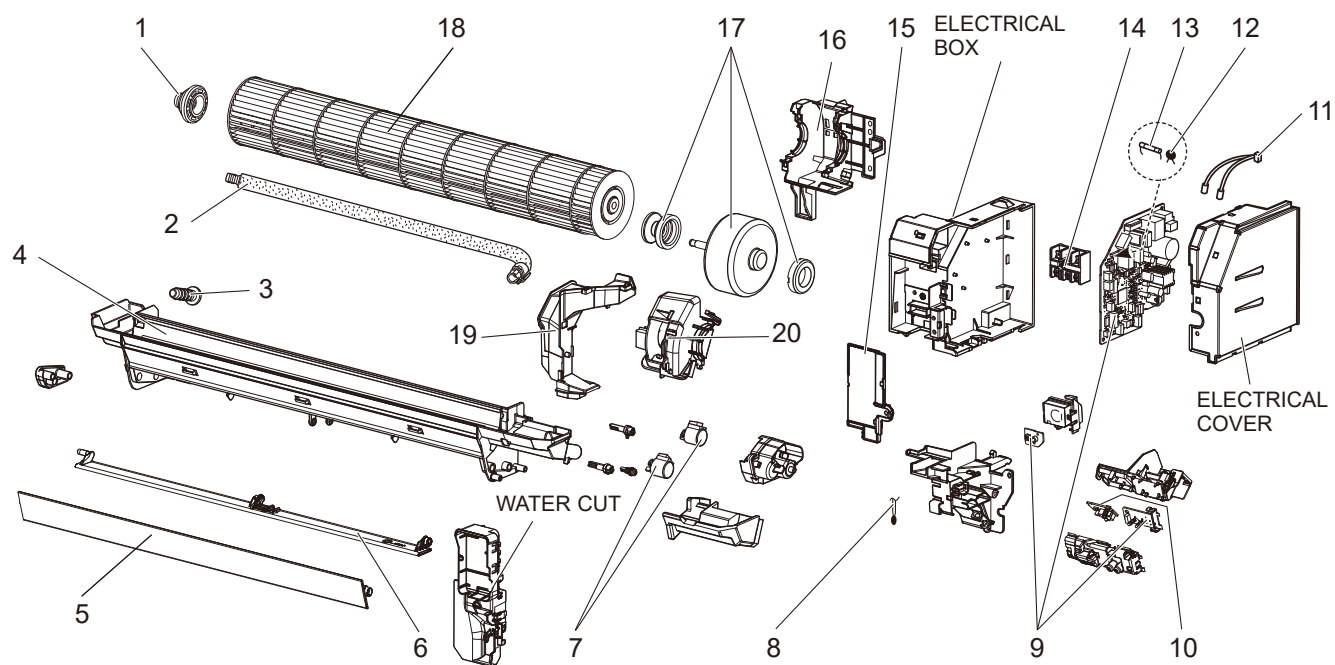
1-10. ACCESSORY AND REMOTE CONTROLLER

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

No.	Part No.	Part name	MSZ-AP15VGK- E1	MSZ-AP15VGK- ET1	MSZ-AP15VGK- ER1	MSZ-AP20VGK- E1	MSZ-AP20VGK- ET1	MSZ-AP20VGK- ER1	Symbol in Wiring Diagram	Remarks
11	E22 11P 426	REMOTE CONTROLLER	1	1		1	1			SH20B
11	E22 04R 426	REMOTE CONTROLLER			1			1		SH20B

MSZ-AP15VGK MSZ-AP20VGK

1-11. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



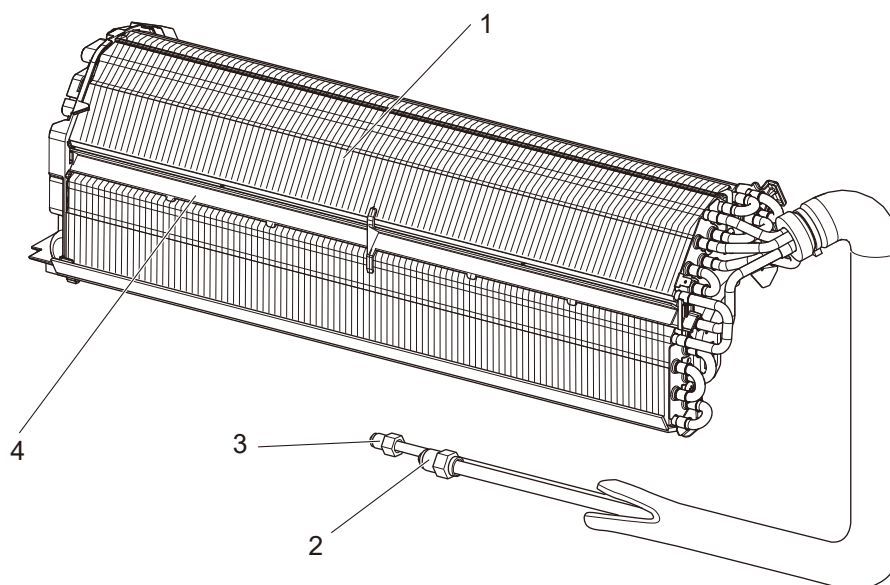
1-11. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS

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

No.	Part No.	Part name	MSZ-AP15VGK- E1	MSZ-AP15VGK- ET1	MSZ-AP15VGK- ERT	MSZ-AP20VGK- E1	MSZ-AP20VGK- ET1	MSZ-AP20VGK- ERT	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 A89 509	BEARING MOUNT ASSEMBLY	1	1	1	1	1	1		Includes sleeve bearing
2	E22 K90 702	DRAIN HOSE	1	1	1	1	1	1		
3	-	DRAIN CAP	1	1	1	1	1	1		[SU26R611H01]
4	E22 31D 235	NOZZLE ASSEMBLY	1	1	1	1	1	1		Full assembly except DRAIN HOSE
5	E22 31D 040	VANE UPPER	1	1	1	1	1	1		
6	E22 31D 041	VANE LOWER	1	1	1	1	1	1		
7	E22 A89 303	VANE MOTOR	2	2	2	2	2	2	MV1, MV2	UP & DOWN
8	E22 K90 308	ROOM TEMPERATURE THERMISTOR	1	1	1	1	1	1	RT11	
9	E22 11P 452	ELECTRONIC CONTROL P.C. BOARD	1	1	1					Includes SW P.C. BOARD and DISPLAY P.C. BOARD
9	E22 12P 452	ELECTRONIC CONTROL P.C. BOARD				1	1	1		Includes SW P.C. BOARD and DISPLAY P.C. BOARD
10	E22 11P 468	POWER MONITOR RECEIVER P.C. BOARD	1	1	1	1	1	1		
11	E22 11P 307	INDOOR COIL THERMISTOR	1	1	1	1	1	1	RT12, RT13	
12	E22 K90 385	VARISTOR	1	1	1	1	1	1	NR11	
13	E22 42J 382	FUSE	1	1	1	1	1	1	F11	T3.15AL250V
14	E22 K90 375	TERMINAL BLOCK	1	1	1	1	1	1	TB	
15	E22 K90 784	V.A. CLAMP	1	1	1	1	1	1		
16	E22 42J 333	MOTOR BED	1	1	1	1	1	1		
17	E22 42J 300	INDOOR FAN MOTOR	1	1	1	1	1	1	MF	RC0J30-□□ Includes FAN MOTOR RUBBER MOUNT (2 PC/SET)
18	E22 K90 302	LINE FLOW FAN	1	1	1	1	1	1		
19	E22 11P 541	WATER COVER	1	1	1	1	1	1		
20	E22 K90 333	MOTOR BAND	1	1	1	1	1	1		

MSZ-AP15VGK MSZ-AP20VGK

1-12. INDOOR UNIT HEAT EXCHANGER



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

No.	Part No.	Part name	MSZ-AP15VGK- E1	MSZ-AP15VGK- ET1	MSZ-AP15VGK- ER1	MSZ-AP20VGK- E1	MSZ-AP20VGK- ET1	MSZ-AP20VGK- ER1	Symbol in Wiring Diagram	Remarks
1	E22 11P 620	INDOOR HEAT EXCHANGER	1	1	1	1	1	1		Not including CORNER BOX L
2	E22 151 666	UNION (GAS)	1	1	1	1	1	1		ø9.52
3	E22 151 667	UNION (LIQUID)	1	1	1	1	1	1		ø6.35
4	E22 K90 707	DRAIN PLATE ASSEMBLY	1	1	1	1	1	1		

MITSUBISHI ELECTRIC CORPORATION

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Made in Japan

Specifications are subject to change without notice.