

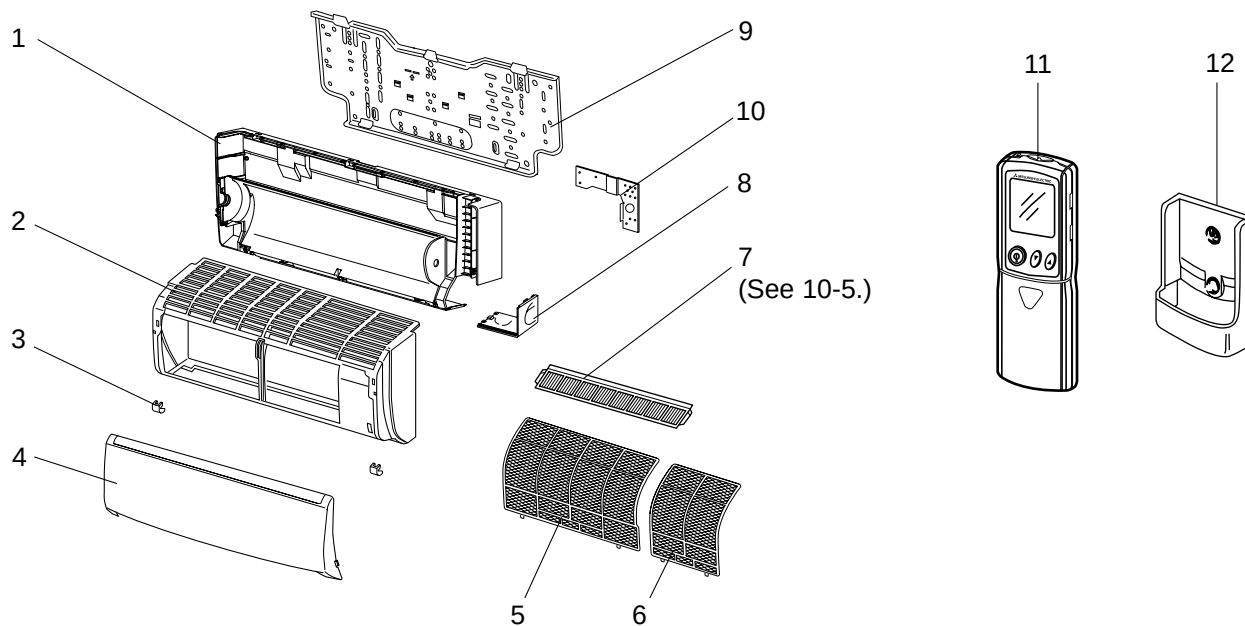
10-1. PARTS LIST (non-RoHS compliant)

MS-A09WA

MS-A12WA

1. INDOOR UNIT STRUCTURAL PARTS

2. ACCESSORY AND REMOTE CONTROLLER



1. INDOOR UNIT STRUCTURAL PARTS

No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit		Remarks
				MS-A09WA	MS-A12WA	
1	E02 A32 234	BOX		1	1	
2	E02 A49 000	PANEL ASSEMBLY		1	1	Including No.3,4
3	E02 913 067	SCREW CAP		2	2	2PCS/SET
4	E02 915 010	FRONT PANEL		1	1	
5	E02 915 100	CATECHIN AIR FILTER (LEFT)		1	1	
6	E02 916 100	CATECHIN AIR FILTER (RIGHT)		1	1	
7	—	AIR CLEANING FILTER		1	1	MAC-415FT-E
8	E02 A32 975	CORNER BOX (RIGHT)		1	1	
9	E02 913 970	INSTALLATION PLATE		1	1	
10	E02 A49 978	CONDUIT PLATE		1	1	

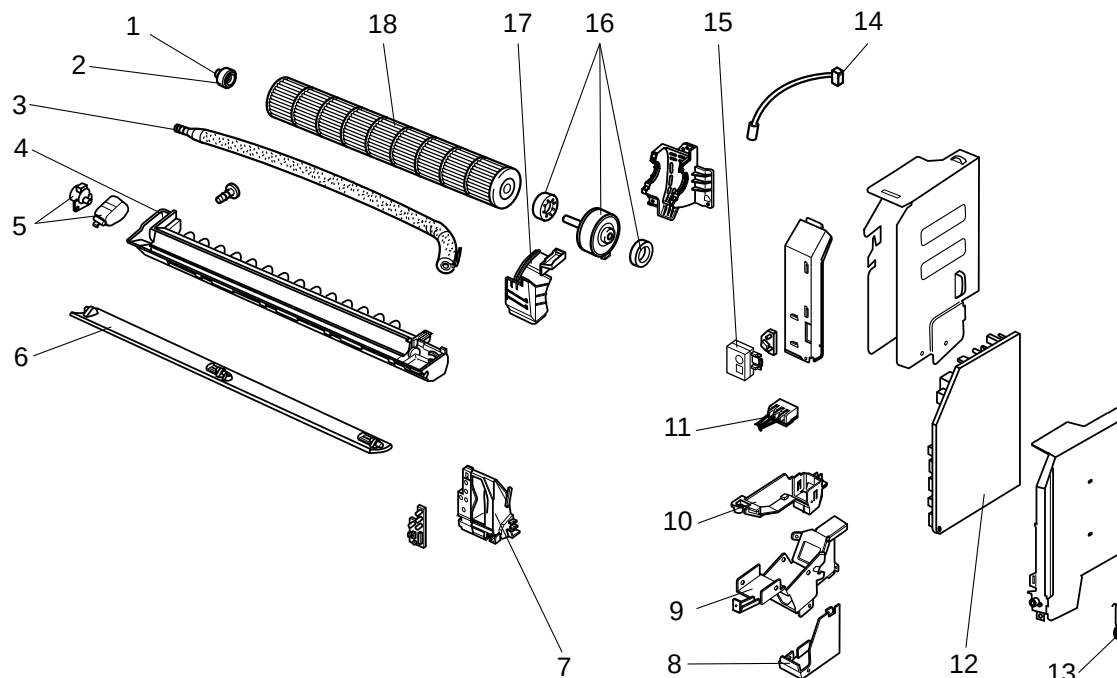
2. ACCESSORY AND REMOTE CONTROLLER

11	E02 A49 426	REMOTE CONTROLLER		1	1	KM06C
12	E02 527 083	REMOTE CONTROLLER HOLDER		1	1	

MS-A09WA

MS-A12WA

3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit		Remarks
				MS-A09WA	MS-A12WA	
1	E02 751 509	BEARING MOUNT		1	1	
2	E02 001 504	SLEEVE BEARING		1	1	
3	E02 897 702	DRAIN HOSE		1	1	
4	E02 A49 235	NOZZLE ASSEMBLY		1	1	
5	E02 897 303	VANE MOTOR UNIT (HORIZONTAL)	MV	1	1	UP & DOWN
6	E02 913 040	HORIZONTAL VANE		1	1	
7	E02 913 095	POWER MONITOR RECEIVER P.C. BOARD HOLDER		1	1	
8	E02 A49 979	CONDUIT COVER		1	1	
9	E02 A49 780	TERMINAL BLOCK COVER		1	1	
10	E02 A49 779	TERMINAL BLOCK HOLDER		1	1	
11	E02 A49 375	TERMINAL BLOCK	TB	1	1	
12	E02 A49 452	ELECTRONIC CONTROL P.C. BOARD *1		1		AUTO RESTART
	E02 A50 452	ELECTRONIC CONTROL P.C. BOARD *1			1	AUTO RESTART
13	E02 897 308	ROOM TEMPERATURE THERMISTOR	RT11	1	1	
14	E02 897 307	INDOOR COIL THERMISTOR	RT12	1	1	
15	E02 915 782	SWITCH HOLDER		1	1	
16	E02 A49 300	INDOOR FAN MOTOR *2	MF	1	1	RC0H30-□ □
17	E02 897 333	MOTOR BAND		1	1	
18	E02 897 302	LINE FLOW FAN		1	1	

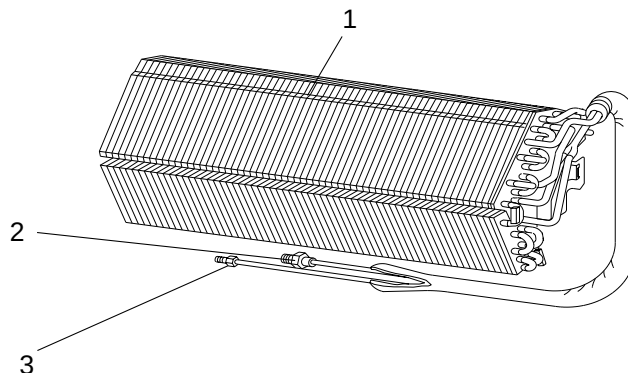
*1 Including SW P.C. BOARD and POWER MONITOR RECEIVER P.C. BOARD

*2 Including FAN MOTOR RUBBER MOUNT (2 PCS/SET)

MS-A09WA

MS-A12WA

4. INDOOR UNIT HEAT EXCHANGER



No.	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit		Remarks
				MS-A09WA	MS-A12WA	
1	E02 A49 620	INDOOR HEAT EXCHANGER		1		
	E02 A50 620	INDOOR HEAT EXCHANGER			1	
2	E02 151 666	UNION (GAS)		1		φ3/8
	E02 155 666	UNION (GAS)			1	φ1/2
3	E02 151 667	UNION (LIQUID)		1	1	φ1/4

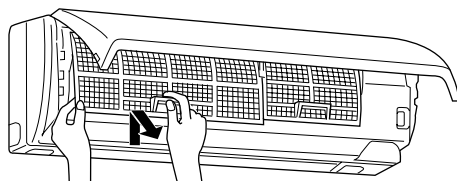
5. AIR CLEANING FILTER (ANTI-ALLERGY ENZYME FILTER)

- AIR CLEANING FILTER removes fine dust of 0.01 micron from air by means of static electricity.
- Normal life of AIR CLEANING FILTER is 1 year.
If AIR CLEANING FILTER is to be washed, soak AIR CLEANING FILTER in water (when showing dirt, in lukewarm water) and rinse it delicately, without removing the filter from the frame about once every 3 months.
- Clogged AIR CLEANING FILTER may reduce the air conditioner capacity or cause frost on the air outlet.
- Do not remove or attach AIR CLEANING FILTER during unit operation.

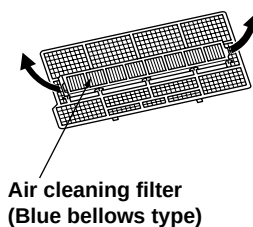
Model	Part No.
MS-A09WA MS-A12WA	MAC-415FT-E

Replacement of the air cleaning filter

- (1) Remove the catechin air filter(left one).
The air cleaning filter is not attached to the right side catechin air filter.



- (2) Remove the air cleaning filter(Blue bellows type) from the catechin air filter.

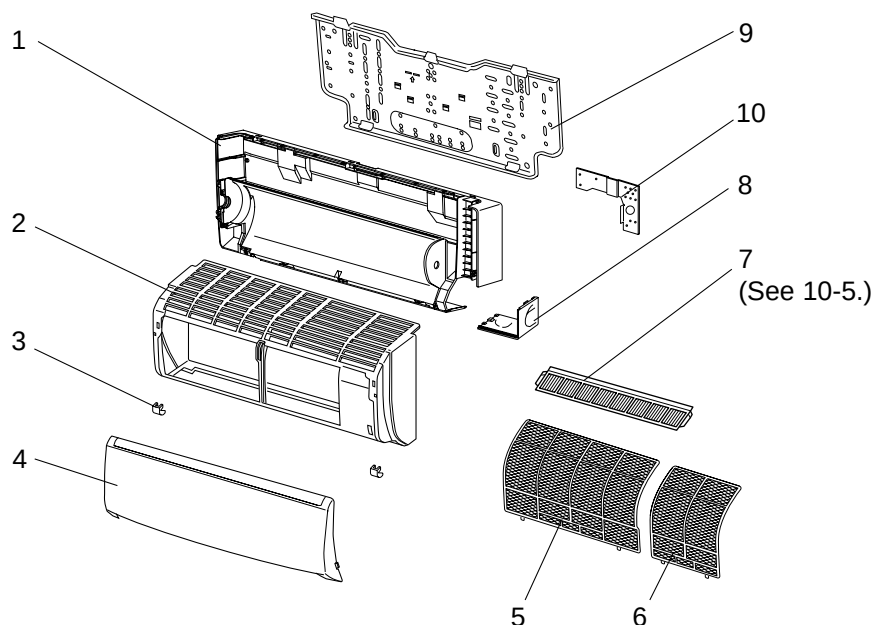


10-2. RoHS PARTS LIST (RoHS compliant)

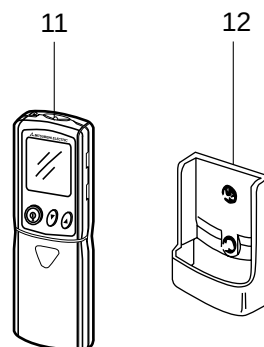
MS-A09WA

MS-A12WA

1. INDOOR UNIT STRUCTURAL PARTS



2. ACCESSORY AND REMOTE CONTROLLER



1. INDOOR UNIT STRUCTURAL PARTS

No.	RoHS	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit				Remarks
					MS-A09WA		MS-A12WA		
					- 1		- 1		
1	G	E12 A32 234	BOX		1	1	1	1	
2	G	E12 A49 000	PANEL ASSEMBLY		1	1	1	1	Including No.3,4 2PCS/SET
3	G	E12 913 067	SCREW CAP		2	2	2	2	
4	G	E12 915 010	FRONT PANEL		1	1	1	1	
5	G	E12 915 100	CATECHIN AIR FILTER (LEFT)		1	1	1	1	
6	G	E12 916 100	CATECHIN AIR FILTER (RIGHT)		1	1	1	1	
7	G	—————	AIR CLEANING FILTER		1	1	1	1	MAC-415FT-E
8	G	E12 A32 975	CORNER BOX (RIGHT)		1	1	1	1	
9	G	E12 913 970	INSTALLATION PLATE		1	1	1	1	
10	G	E12 A49 978	CONDUIT PLATE		1		1		

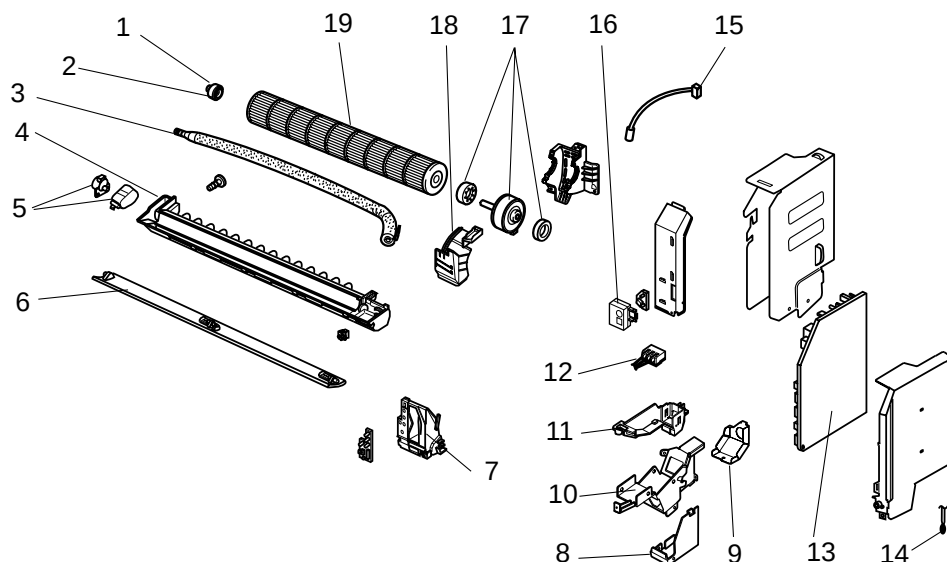
2. ACCESSORY AND REMOTE CONTROLLER

11	G	E12 A49 426	REMOTE CONTROLLER		1		1		KM06C
11	G	E12 C30 426	REMOTE CONTROLLER			1		1	KM07L
12	G	E12 527 083	REMOTE CONTROLLER HOLDER		1	1	1	1	

MS-A09WA

MS-A12WA

3. INDOOR UNIT ELECTRICAL PARTS AND FUNCTIONAL PARTS



No.	RoHS	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit				Remarks
					MS-A09WA		MS-A12WA		
						- 1		- 1	
1	G	E12 751 509	BEARING MOUNT		1	1	1	1	
2	G	E12 001 504	SLEEVE BEARING		1	1	1	1	
3	G	E12 897 702	DRAIN HOSE		1	1	1	1	
4	G	E12 A49 235	NOZZLE ASSEMBLY		1	1	1	1	
5	G	E12 897 303	VANE MOTOR UNIT (HORIZONTAL)	MV	1	1	1	1	UP & DOWN
6	G	E12 913 040	HORIZONTAL VANE		1	1	1	1	
7	G	E12 915 095	POWER MONITOR RECEIVER P.C. BOARD HOLDER		1	1	1	1	
8	G	E12 A49 979	CONDUIT COVER		1		1		
9	G	E12 C30 979	CONDUIT COVER			1		1	
10	G	E12 A49 780	TERMINAL BLOCK COVER		1		1		
	G	E12 C30 780	TERMINAL BLOCK COVER			1		1	
11	G	E12 A49 779	TERMINAL BLOCK HOLDER		1		1		
	G	E12 C30 779	TERMINAL BLOCK HOLDER			1		1	
12	G	E12 A49 375	TERMINAL BLOCK	TB	1	1	1	1	
13	G	E12 A49 452	ELECTRONIC CONTROL P.C. BOARD *1		1	1			AUTO RESTART
	G	E12 A50 452	ELECTRONIC CONTROL P.C. BOARD *1				1	1	AUTO RESTART
14	G	E12 897 308	ROOM TEMPERATURE THERMISTOR	RT11	1	1	1	1	
15	G	E12 897 307	INDOOR COIL THERMISTOR	RT12	1	1	1	1	
16	G	E12 915 782	SWITCH HOLDER		1	1	1	1	
17	G	E12 A49 300	INDOOR FAN MOTOR *2	MF	1	1	1	1	RC0H30-
18	G	E12 897 333	MOTOR BAND		1	1	1	1	
19	G	E12 897 302	LINE FLOW FAN		1	1	1	1	

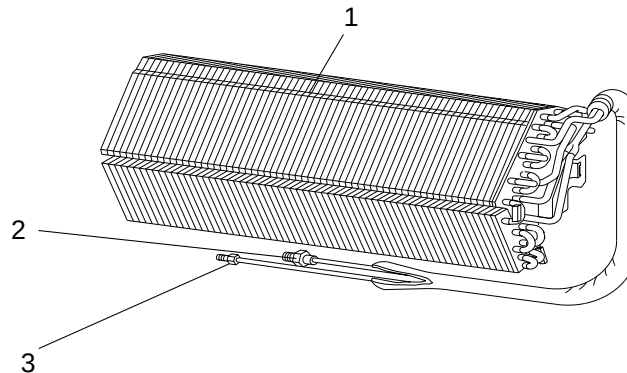
*1 Including SW P.C. BOARD and POWER MONITOR RECEIVER P.C. BOARD

*2 Including FAN MOTOR RUBBER MOUNT (2 PCS/SET)

MS-A09WA

MS-A12WA

4. INDOOR UNIT HEAT EXCHANGER



No.	RoHS	Part No.	Part name	Symbol in Wiring Diagram	Q'ty/unit				Remarks
					MS-A09WA		MS-A12WA		
						- <u>1</u>		- <u>1</u>	
1	G	E12 A49 620	INDOOR HEAT EXCHANGER		1	1			
	G	E12 A50 620	INDOOR HEAT EXCHANGER				1	1	
2	G	E12 151 666	UNION (GAS)		1	1			ϕ3/8
	G	E12 155 666	UNION (GAS)				1	1	ϕ1/2
3	G	E12 151 667	UNION (LIQUID)		1	1	1	1	ϕ1/4

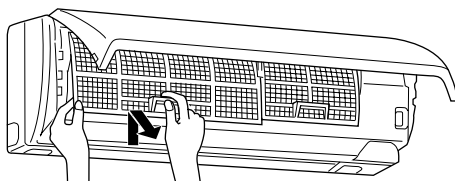
5. AIR CLEANING FILTER (ANTI-ALLERGY ENZYME FILTER)

- AIR CLEANING FILTER removes fine dust of 0.01 micron from air by means of static electricity.
- Normal life of AIR CLEANING FILTER is 1 year.
If AIR CLEANING FILTER is to be washed, soak AIR CLEANING FILTER in water (when showing dirt, in lukewarm water) and rinse it delicately, without removing the filter from the frame about once every 3 months.
- Clogged AIR CLEANING FILTER may reduce the air conditioner capacity or cause frost on the air outlet.
- Do not remove or attach AIR CLEANING FILTER during unit operation.

Model	Part No.
MS-A09WA MS-A12WA	MAC-415FT-E

Replacement of the air cleaning filter

- (1) Remove the catechin air filter(left one).
The air cleaning filter is not attached to the right side catechin air filter.



- (2) Remove the air cleaning filter(Blue bellows type) from the catechin air filter.

