



HIGH POWER MULTI AIR CONDITIONER WALL MOUNTED type

SERVICE MANUAL



Models

Indoor unit

RSM-9FA

RSM-9FA

Outdoor unit

ROM-19FA2

ROM-19FB2

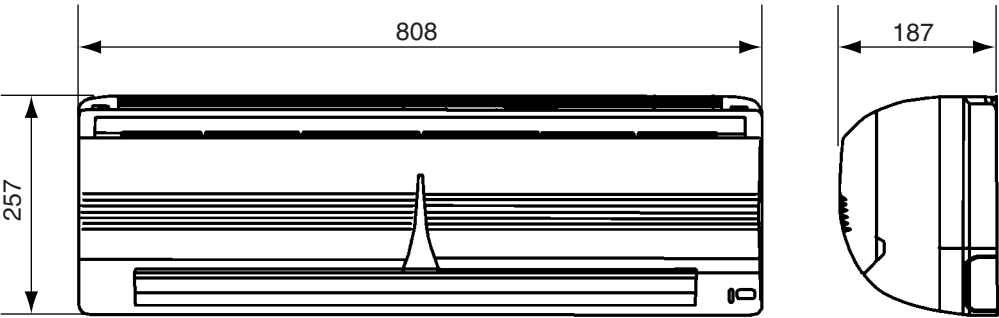
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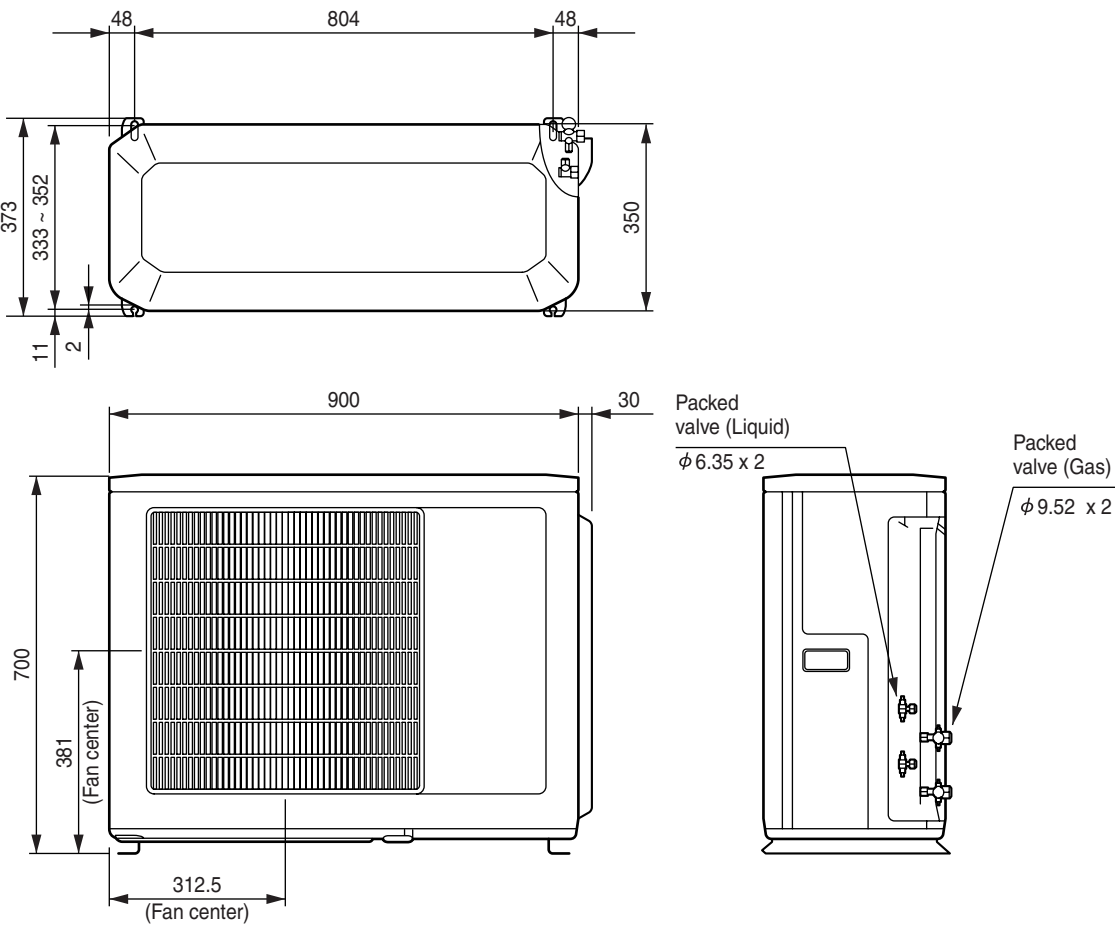
OUTLINE AND DIMENSIONS

INDOOR UNIT

(Unit : mm)

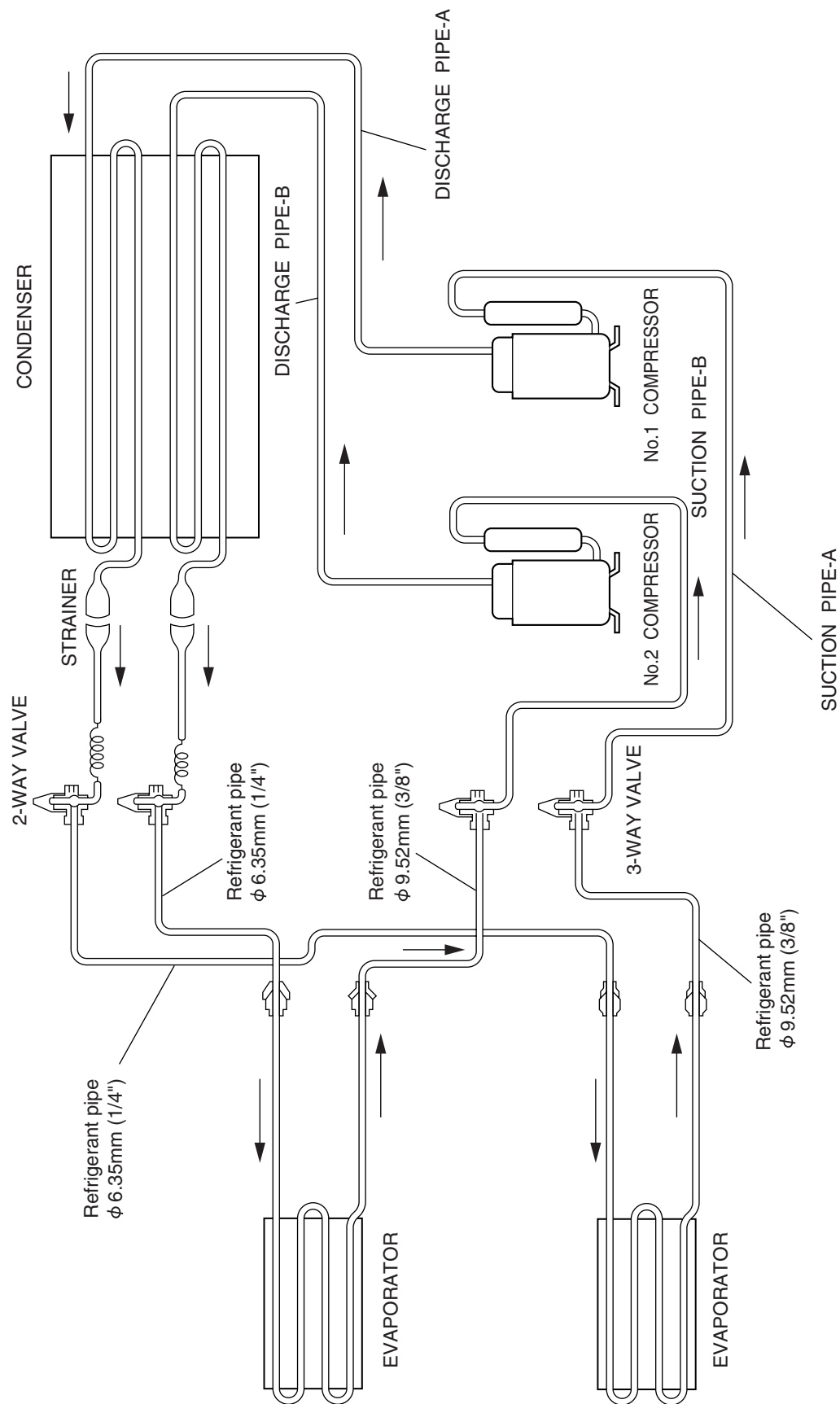


OUTDOOR UNIT



REFRIGERANT SYSTEM DIAGRAM

Models : RSM-9FA x 2 / ROM-19FA2
RSM-9FA x 2 / ROM-19FB2



ERROR DISPLAY

INDOOR UNIT

○ : Fast flashing ● : Slow flashing

Operation lamp : Red lamp

Timer lamp : Green lamp

Large division indication			Small division indication		
Error contents	LED indication		Error contents	LED indication	
thermistor error	Red lamp Green lamp	● (2 times) ○	thermistor error (room temp.)	Red lamp	○
			thermistor error (heat exchanger)	Green lamp	● (2 times)
control unit error (indoor unit)	Red lamp Green lamp	● (4 times) ○	MANUAL AUTO button error	Red lamp	○
			power source Hz decision error	Green lamp	● (2 times)
fan motor error (indoor unit)	Red lamp Green lamp	● (6 times) ○	lock error	Red lamp	○
			r.p.m error	Green lamp	● (2 times)
				Red lamp	○
				Green lamp	● (3 times)

When an error occurs, "Large division indication" is indicated first.

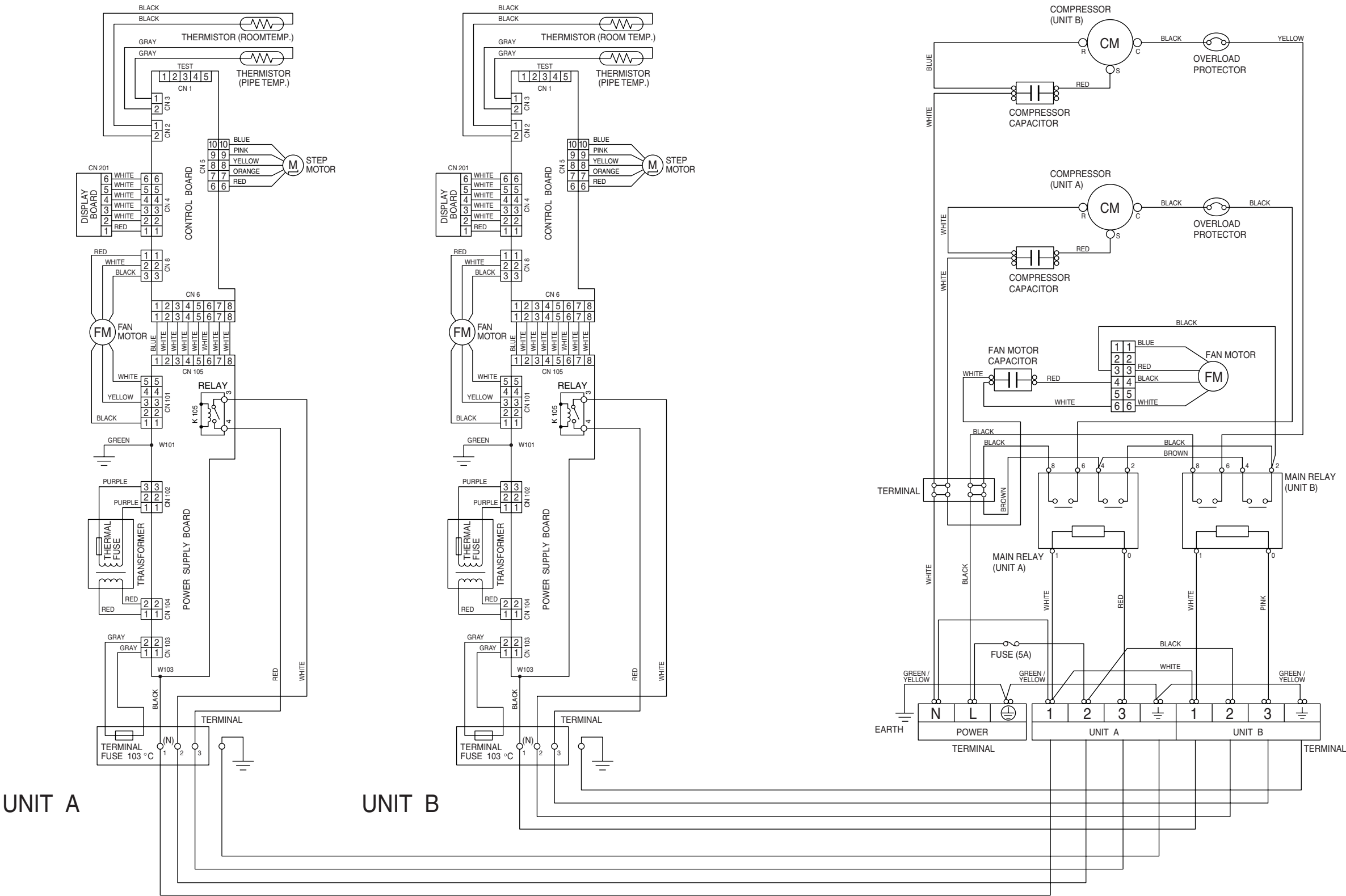
Secondly, "Small division indication" is indicated by pushing "Test" button of remote controller.

CIRCUIT DIAGRAM

Models : RSM-9FA x 2 / ROM-19FA2
RSM-9FA x 2 / ROM-19FB2

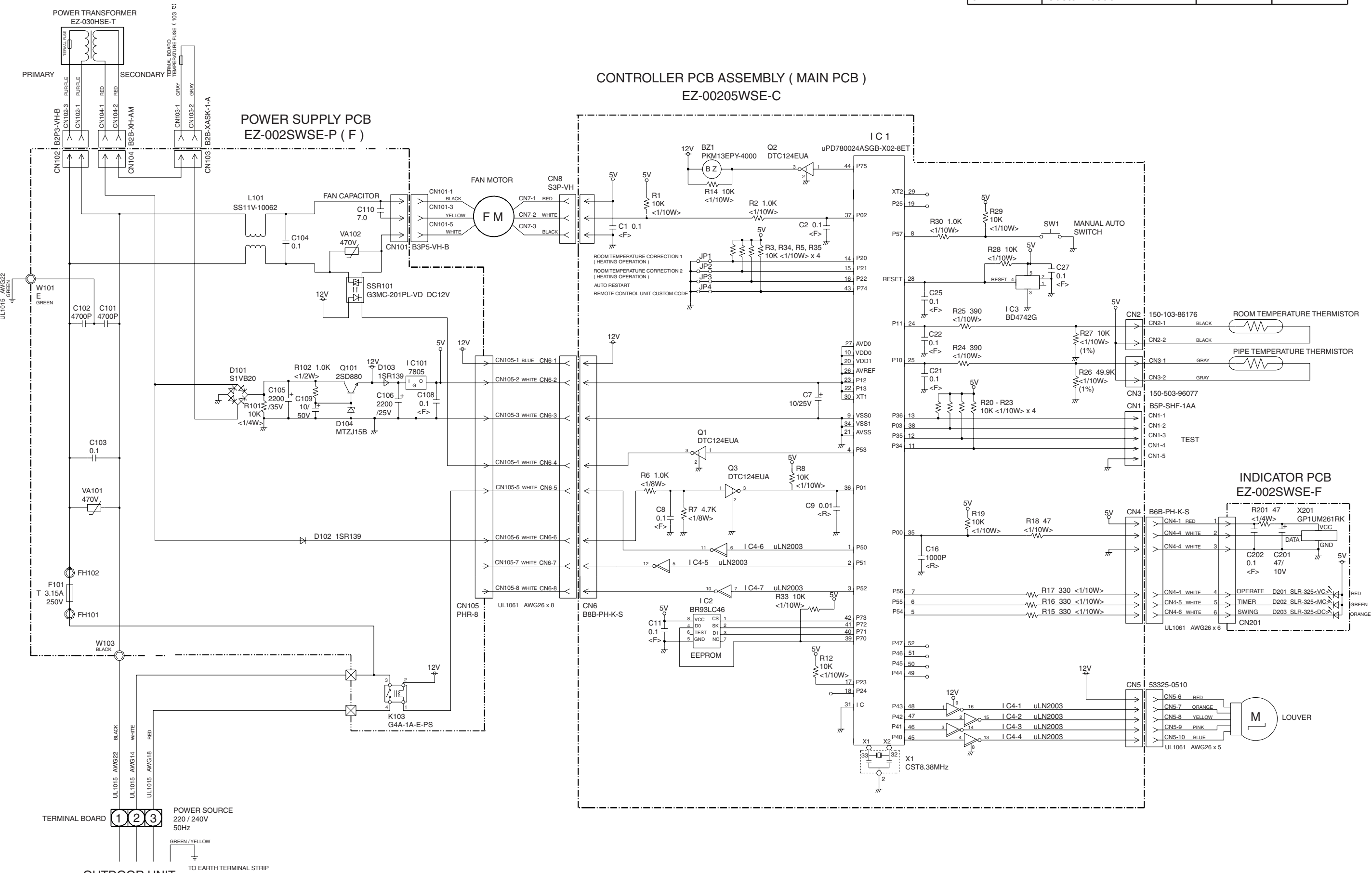
INDOOR UNIT

OUTDOOR UNIT



INDOOR PCB CIRCUIT DIAGRAM

Model : RSM-9FA

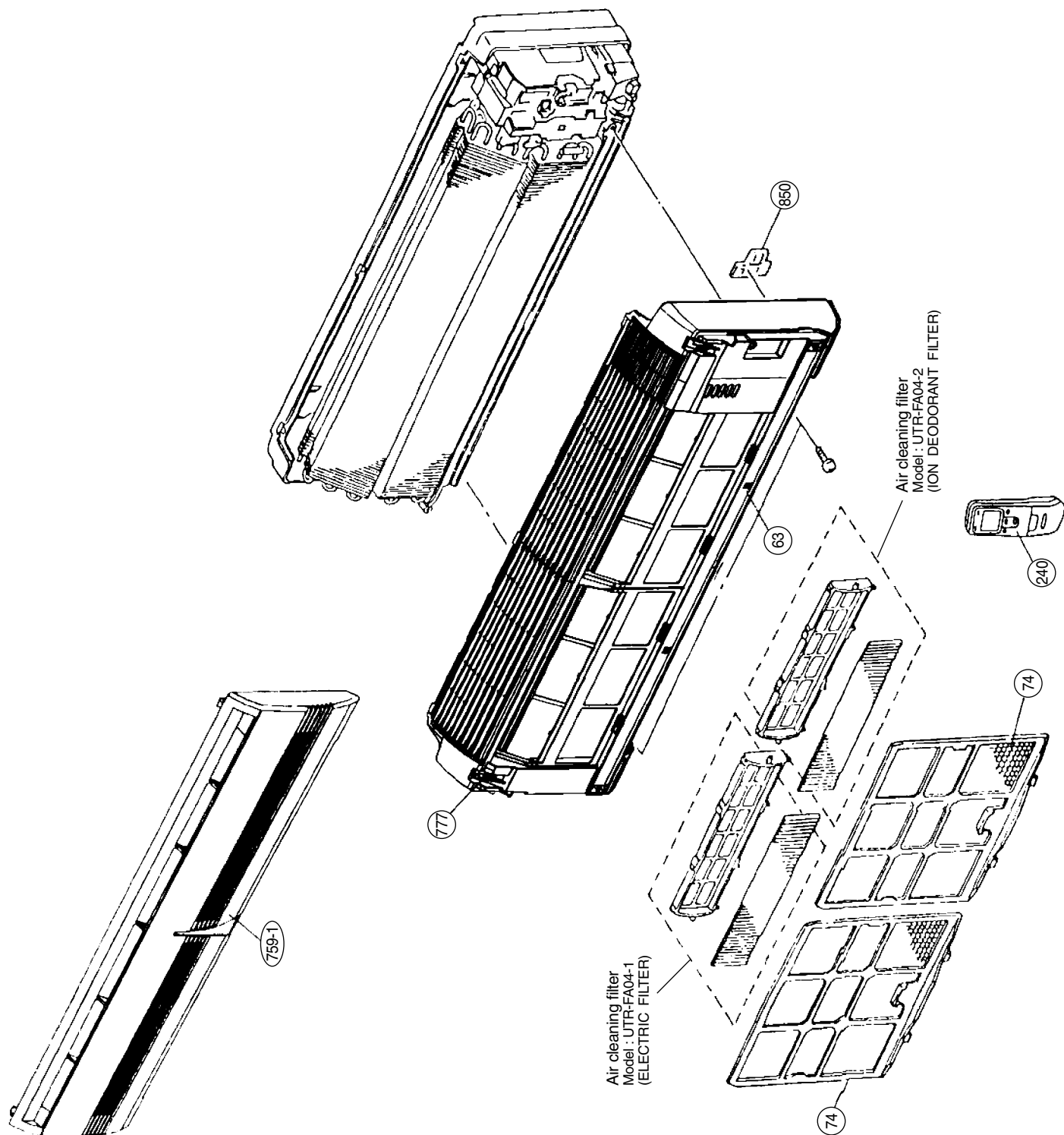


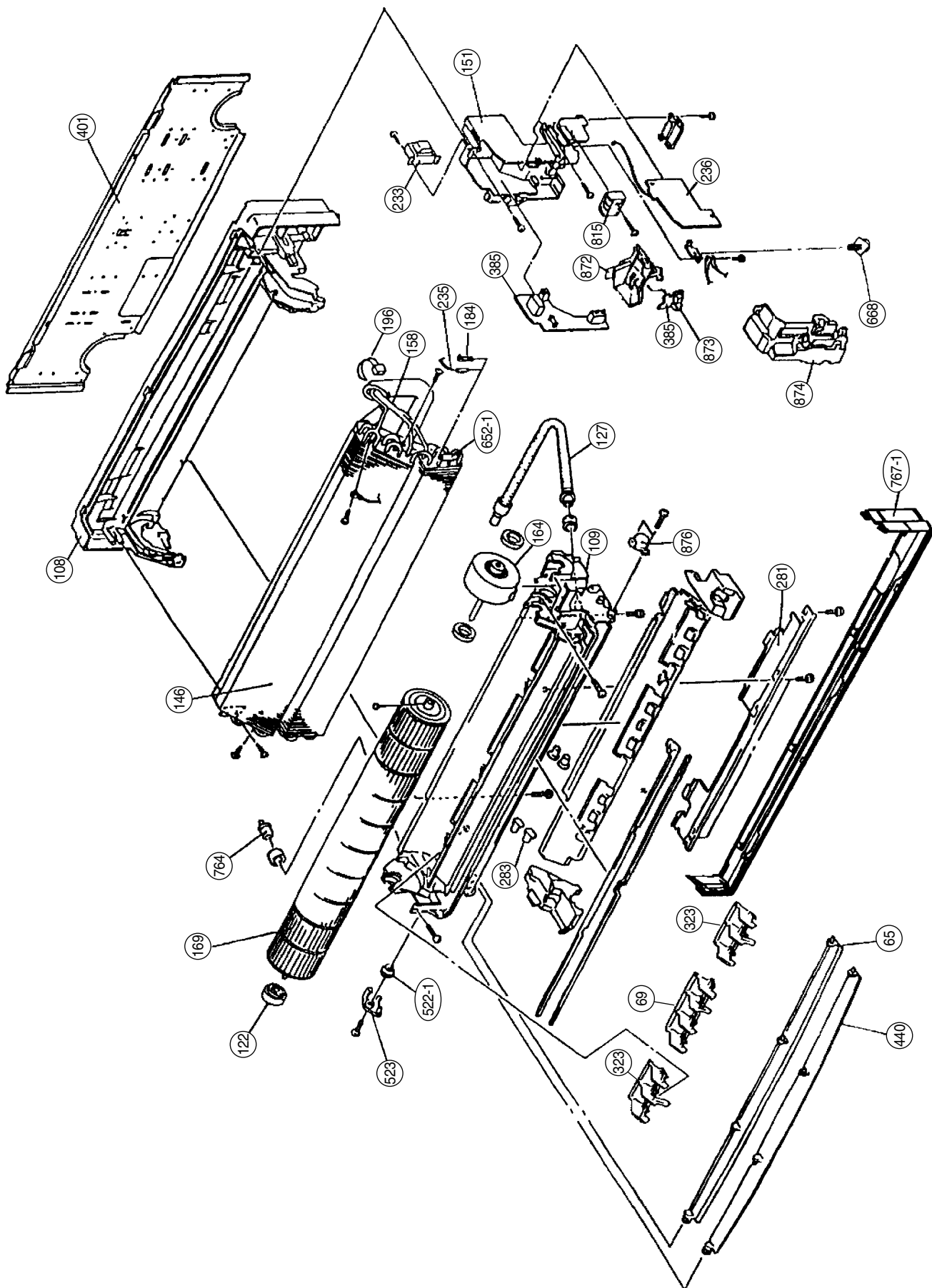
Jumper wire configurations

Switch	Function	ON / Linked	OFF / Open
JM1	Heating compensation	+4	0
JM2	Cooling compensation	0	-2
JM3	Auto restart	enable	disable
JM4	Custom code	A	B

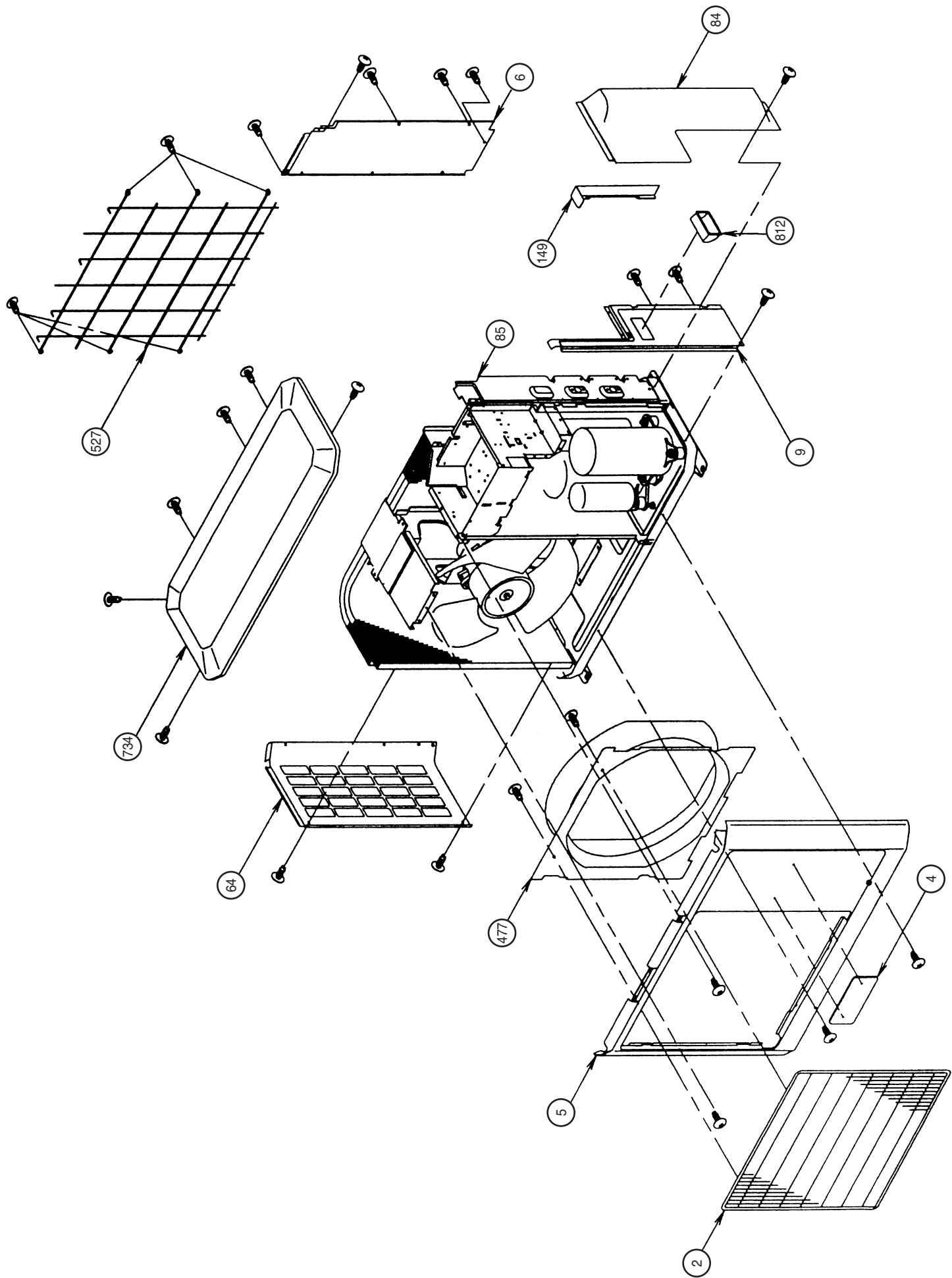
DISASSEMBLY ILLUSTRATION

Model : RSM-9FA

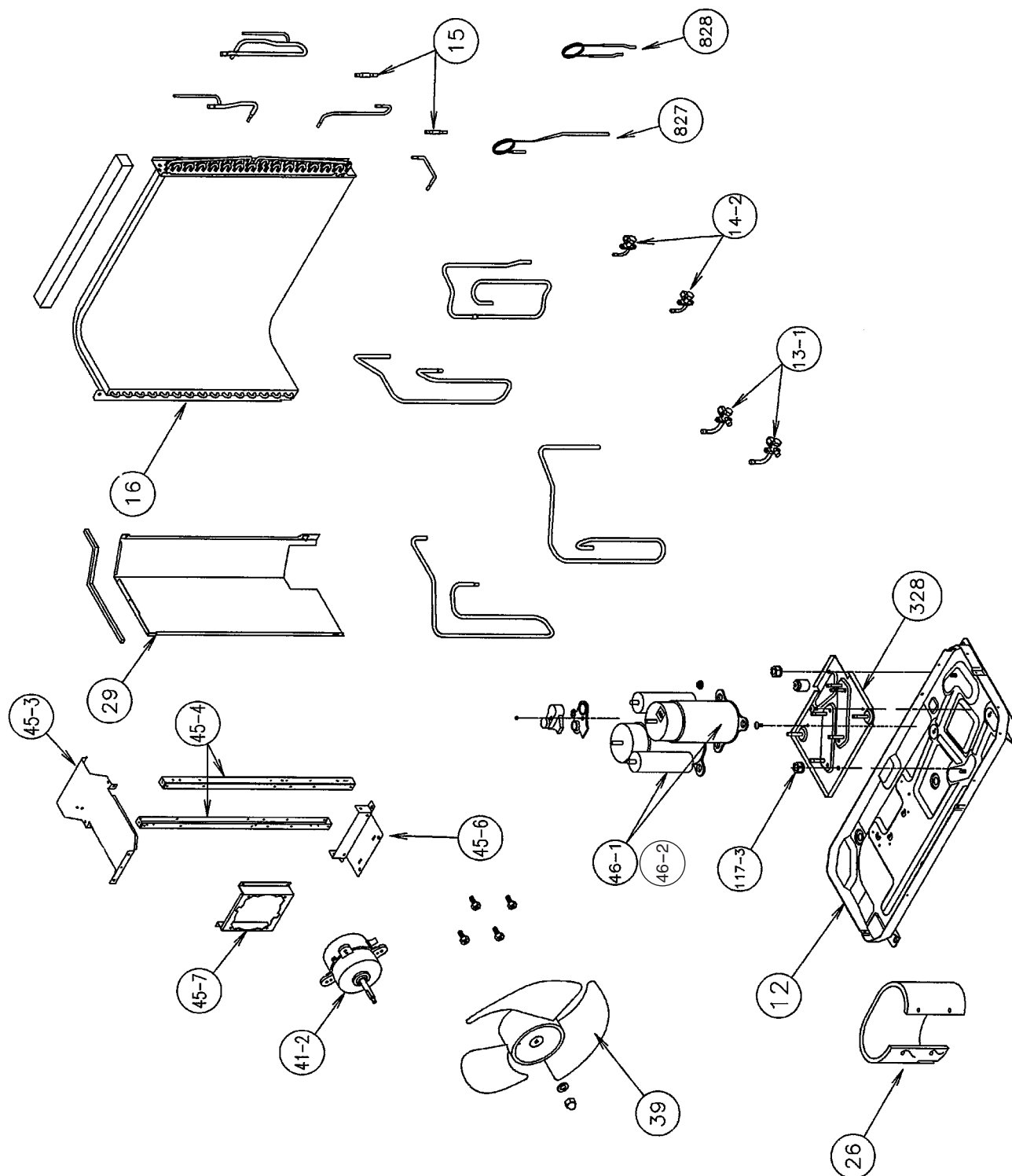




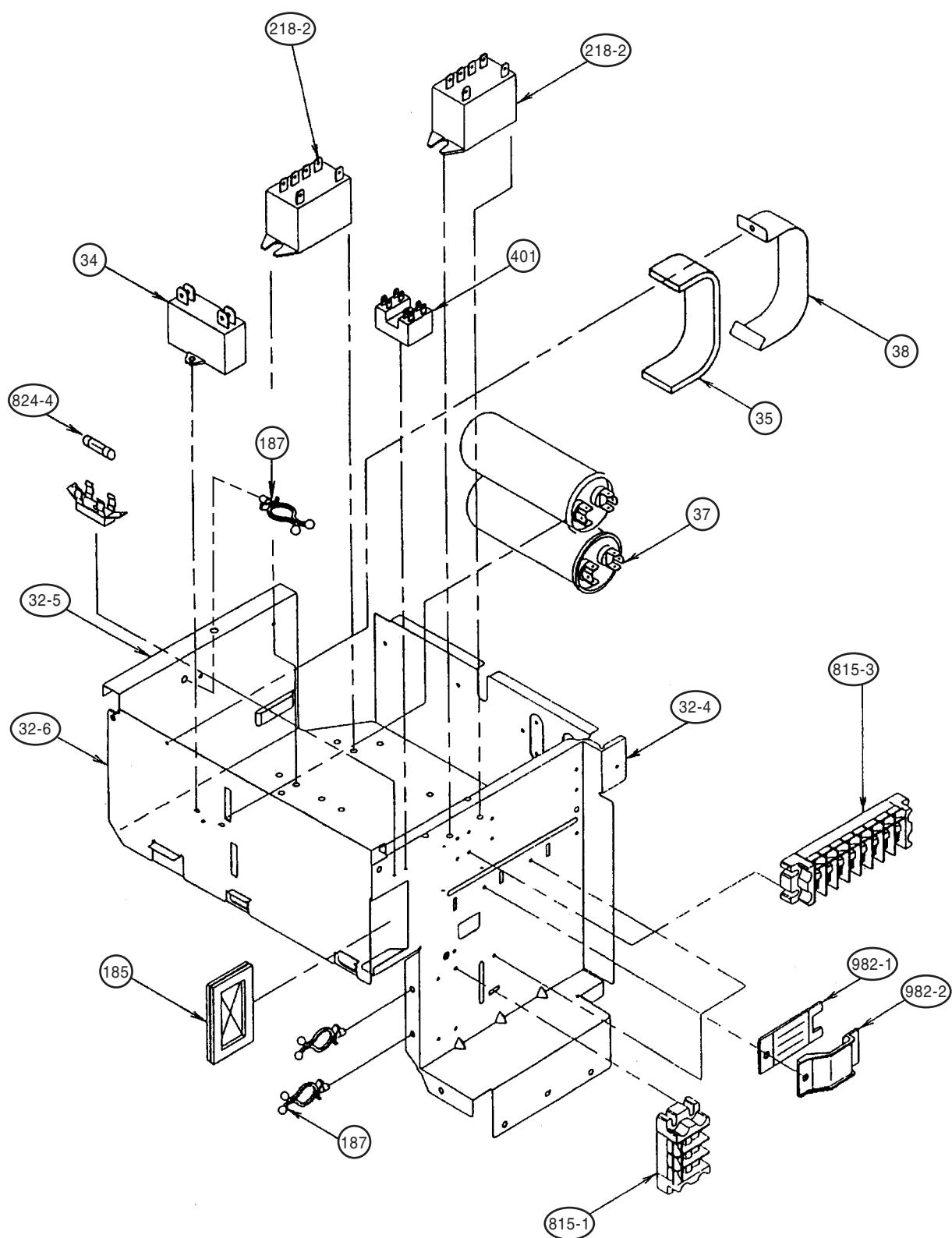
Models : ROM-19FA2
ROM-19FB2



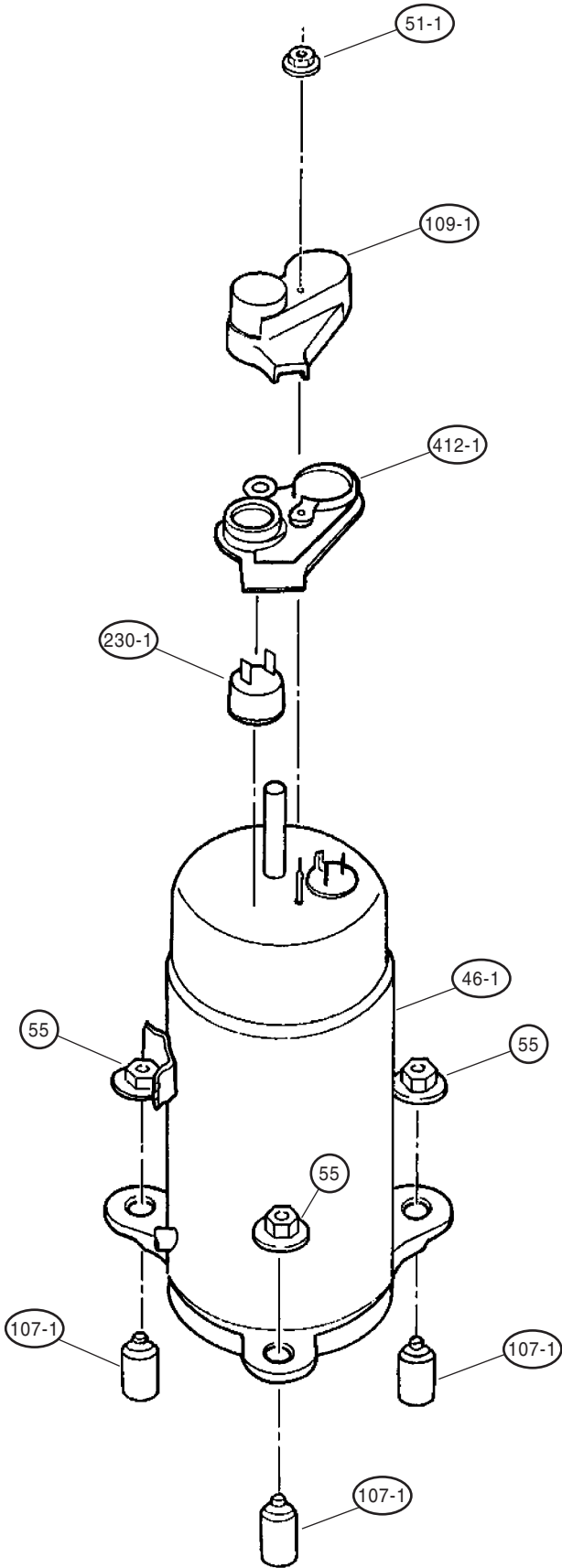
Models : ROM-19FA2
ROM-19FB2



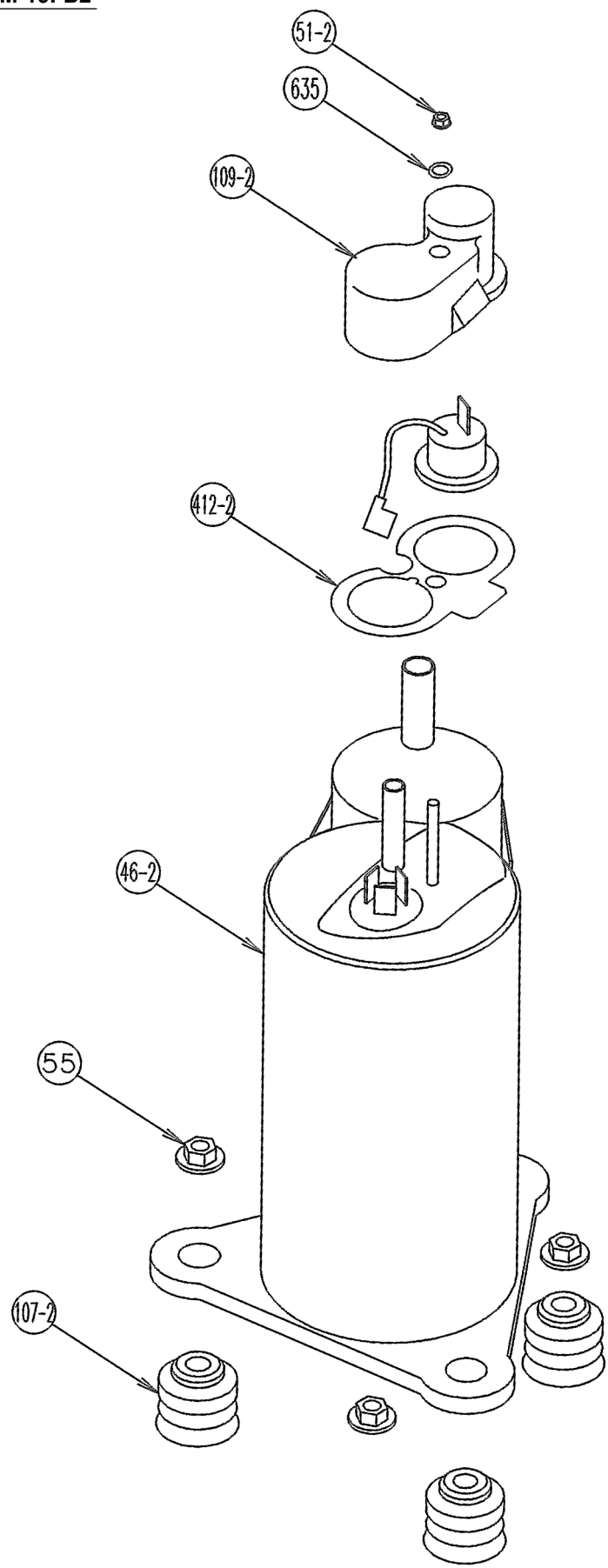
Models : ROM-19FA2
ROM-19FB2



Model : ROM-19FA2



Model : ROM-19FB2



PARTS LIST

INDOOR UNIT

Ref. No.	Description	Part No.	Ord. Q'ty
		RSM-9FA	
63	Front Panel Assy	9312172092	
65	Flow Control Panel-Z	9306058043	
69	Louver-A	9306055028	
74	Filter	9305444014	
108	Base	9309755062	
109	Casing Assy	9312173082	
122	Shaft Holder-B	9303066010	
127	Drain Hose Assy	9305550029	
146	Evaporator Assy	9601844013	
151	Control Box	9330007017	
158	Connecting Pipe Assy	9306416010	
164	Fan Motor Assy-IN	9601844013	
169	Cross-Flow Fan Assy	9307836015	
184	Thermistor Spring	313728262708	
196	Clamp SKB-150	313035356905	
233	Power Transformer	9900028015	
235	Thermistor (Pipe)	9702039059	
236	Controller PCB Assy	9704865045	
		(EZ-00205WSE-C)	
240	Remote Control Unit	9374322220	
281	Bracket (Pipe)	9306063009	
283	Bushing-A	9303529010	
323	Louver-B	9306056025	
385	PCB (Indicator + Power supply)	9704871015	
		(EZ-002SWSE-F)	
401	Wall Hook Bracket	9304358008	
440	Flow Control Panel-U	9306057046	
522-1	Gear-A	9306062002	
523	Gear Bracket	9306407001	
652-1	Thermistor Holder Pipe	313714262805	
668	Screw w/Washer	313681304205	
759-1	Intake Grille-B	9330002029	
764	Drain Cap Assy	9304150008	
767-1	Bottom Cover	9330004016	
777	Clamper(Grille)	9306755010	
815	Terminal	9900040055	
850	Window (Receiver)	9330003019	
872	Indicator Case	9330009011	
873	Lamp Cover	9330014015	
874	Control Box Cover	9330008014	
876	Step Motor	9900139018	
----	Thermister (Room)	9700801115	

When you order parts, please make a photocopy of this page and fill the number of the parts in the "Order" column.

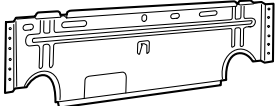
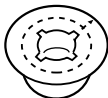
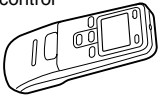
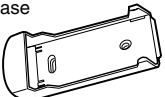
OUTDOOR UNIT

Ref. No.	Description	Part No.		Ord. Q'ty
		ROM-19FA2	ROM-19FB2	
2	Fan Cover	9371187013	9371187013	
4	Emblem	9361328006	9361328006	
5	Cabinet-A, Painted	9359797043	9359797043	
6	Cabinet-C, Painted	9359825029	9359825029	
9	Cabinet-B, Painted	9359824022	9359824022	
12	Base Assy, Painted	9359813019	9359813019	
13-1	3-Way Valve	9372205044	9372205044	
14-2	2-Way Valve	9372204054	9372204054	
15	Strainer Assy	9366602019	9366602019	
16	Condenser Assy	9374627011	9374627011	
26	Compressor Cover A	9364595009	9364595009	
29	Separate Wall	9359805014	9359805014	
32-4	Control Box Metal-D	9361247000	9361247000	
32-5	Control Box Metal-E	9361248007	9361248007	
32-6	Control Box Metal-F	9361249004	9361249004	
34	Capacitor (Fan Motor)	9703306051	9703306051	
35	Control Box Insulation-h	9361521001	9361521001	
37	Running Capacitor	9704436139	9704436139	
38	Clamp Metal (Capacitor)	9352123009	9352123009	
39	Propeller Fan	9359837015	9359837015	
41-2	Fan Motor Induction-Out (MFB-30NTT)	9601754022	9601754022	
45-3	Motor Bracket-A	9369627002	9369627002	
45-4	Motor Bracket-B	9371439013	9371439013	
45-6	Motor Bracket-D	9369630002	9369630002	
45-7	Motor Bracket center da	9373076018	9373076018	
46-1	Compressor Assy (802-141-65B)	9373010029	----	
46-2	Compressor (GK-120-PAB)	----	9373548027	
51-1	Special Nut (For Comp.)	313199233602	----	
Ref. No.	Description	Part No.		Ord. Q'ty
		ROM-19FA2	ROM-19FB2	
51-2	Attachment (Nut)	----	9359430018	
55	Special Nut M8 (For Comp.)	9355091008	9355091008	
64	Cabinet-Left, Painted	9359840046	9359840046	
84	Valve Cover	9359834014	9359834014	
85	Valve Plate Assy, Painted	9361251021	9361251021	
107-1	Rubber Seat (For Comp.)	9351507015	----	
107-2	Attachment (Rubber Seat-A)	----	9359425014	
109-1	Terminal Cover (For Comp.)	9302419008	----	
109-2	Terminal Cover (For Comp.)	----	9363263008	
117-3	Hex. Nut	301721180114	301721180114	
149	Water Seal Plate	9359841029	9359841029	
185	Rubber Bushing	313005066051	313005066051	
187	Clamp No. 1219	313361271706	313361271706	
218-2	Power Relay	9900239015	9900239015	
230-1	Ocr assy (MRA99134-9201)	9311143000	----	
328	Compressor Plate Assy	9359830030	9359830030	
401	Terminal-2P	9701971015	9701971015	
412-1	Terminal Gasket (For Comp.)	9351505011	----	
412-2	Attachment (Cover Gasket)	----	9362004008	
477	Bellmouth	9359809012	9359809012	
527	Protective Net	9359845010	9359845010	
635	Attachment Washer (Gasket)	----	9359428015	
734	Top Plate, Painted	9359799023	9359799023	
812	Grip	9352157004	9352157004	
815-1	Terminal-3P	9358660027	9358660027	
815-3	Terminal-8P	9358660119	9358660119	
824-4	Fuse (5A-250V)	0600285234	0600285234	
827	Capillary-tube A Assy	9360814142	9360814142	
828	Capillary-tube B Assy	9360815149	9360815149	
982-1	Cord Clamp	9356857009	9356857009	
982-2	Cord Clamp-B	9356858006	9356858006	

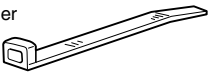
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STANDARD ACCESSORIES

INDOOR UNIT ACCESSORIES

Name and Shape	Q'ty	Part No.
Wall hook bracket 	1	9304358008
Wall cap-B 	1	313714296205
Remote control unit 	1	9374322220 (AR-JW22)
Battery (penlight) 	1 set	0600185534
Remote control unit holder case 	1	9305642014
Cloth tape 	1	9308117007
Tapping screw (big) ($\phi 4 \times 25$) 	8	0700076046
Tapping screw (small) ($\phi 3 \times 12$) 	2	0700019036

OUTDOOR UNIT ACCESSORIES

Name and Shape	Q'ty	Part No.
Binder 	2	312300787605
Putty 	1	303020200114
Hexagon wrench 	1	9351228019

