



ROOM AIR CONDITIONER

RK-7FA

RK-9FA

SERVICE MANUAL



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S P E C I F I C A T I O N S

MODEL		RK-7FA	RK-9FA
COOLING CAPACITY	(kW)	2.05 - 2.10	2.50 - 2.55

ELECTRICAL DATA

POWER SOURCE	(V)	220 - 240	
FREQUENCY	(Hz)	50	
RUNNING CURRENT	(A)	3.7 - 3.8	4.4 - 4.3
INPUT WATTS	(kW)	0.78 - 0.83	0.96 - 1.02
EER	(kW/kW)	2.63 - 2.53	2.60 - 2.50

COMPRESSOR

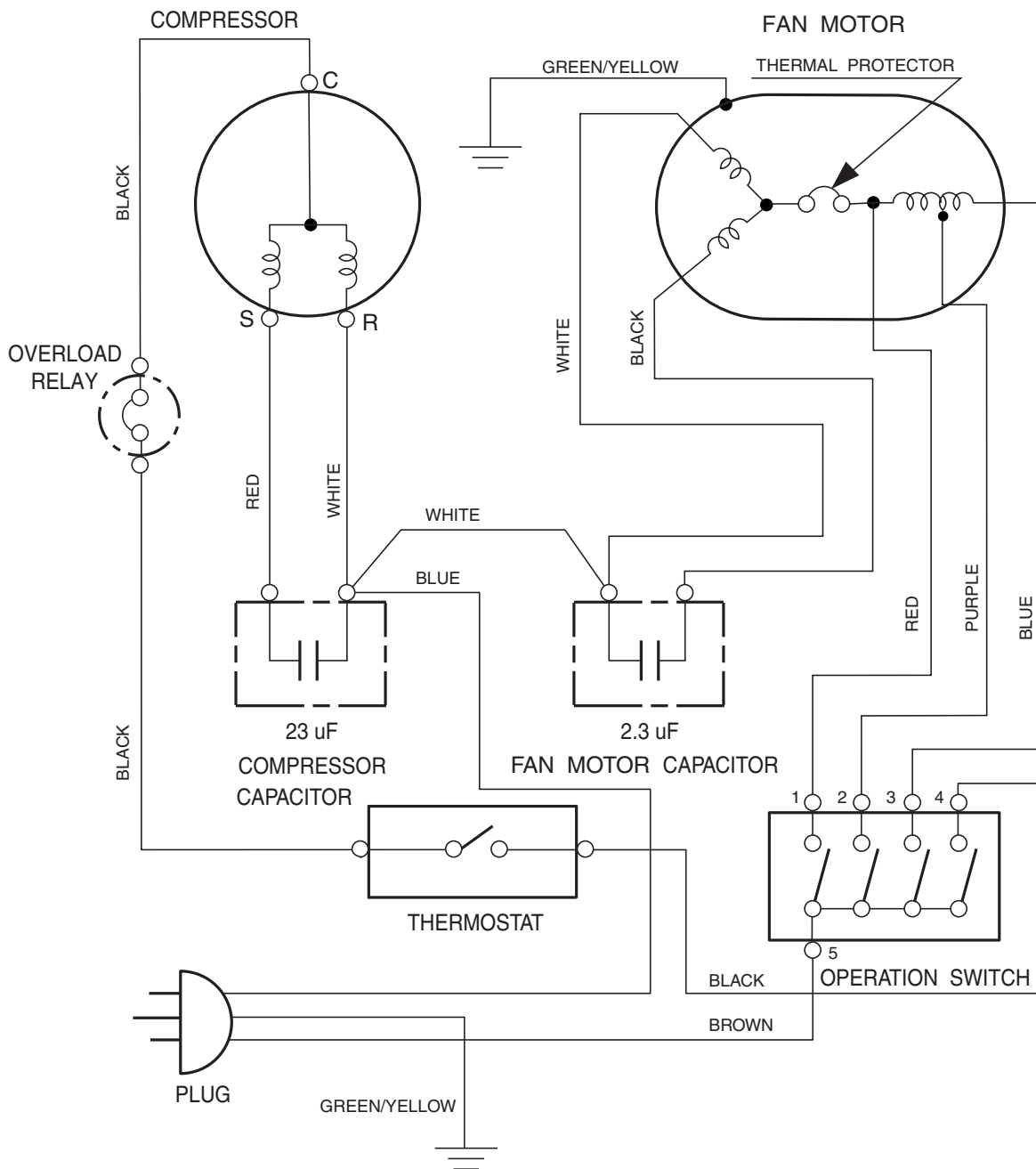
TYPE	Hermetic type, Rotary type		
CODE	802-100-35 220 - 240V	3 Leg 50Hz	GB113PAD 220 - 240V 50Hz
REFRIGERANT	R410A	(g) 460	540

FAN MOTOR

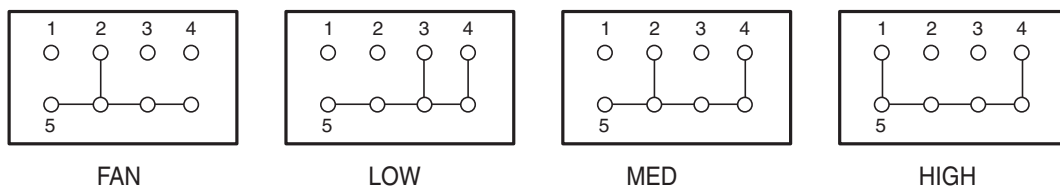
CODE		MFC-07CTAT 220 - 240V 50Hz	MFC-09BTT 220 - 240V 50Hz
HIGH POWER	(r.p.m.)	990 - 1,050	1,040 - 1,100
SUPER QUIET	(r.p.m.)	745 - 810	800 - 860

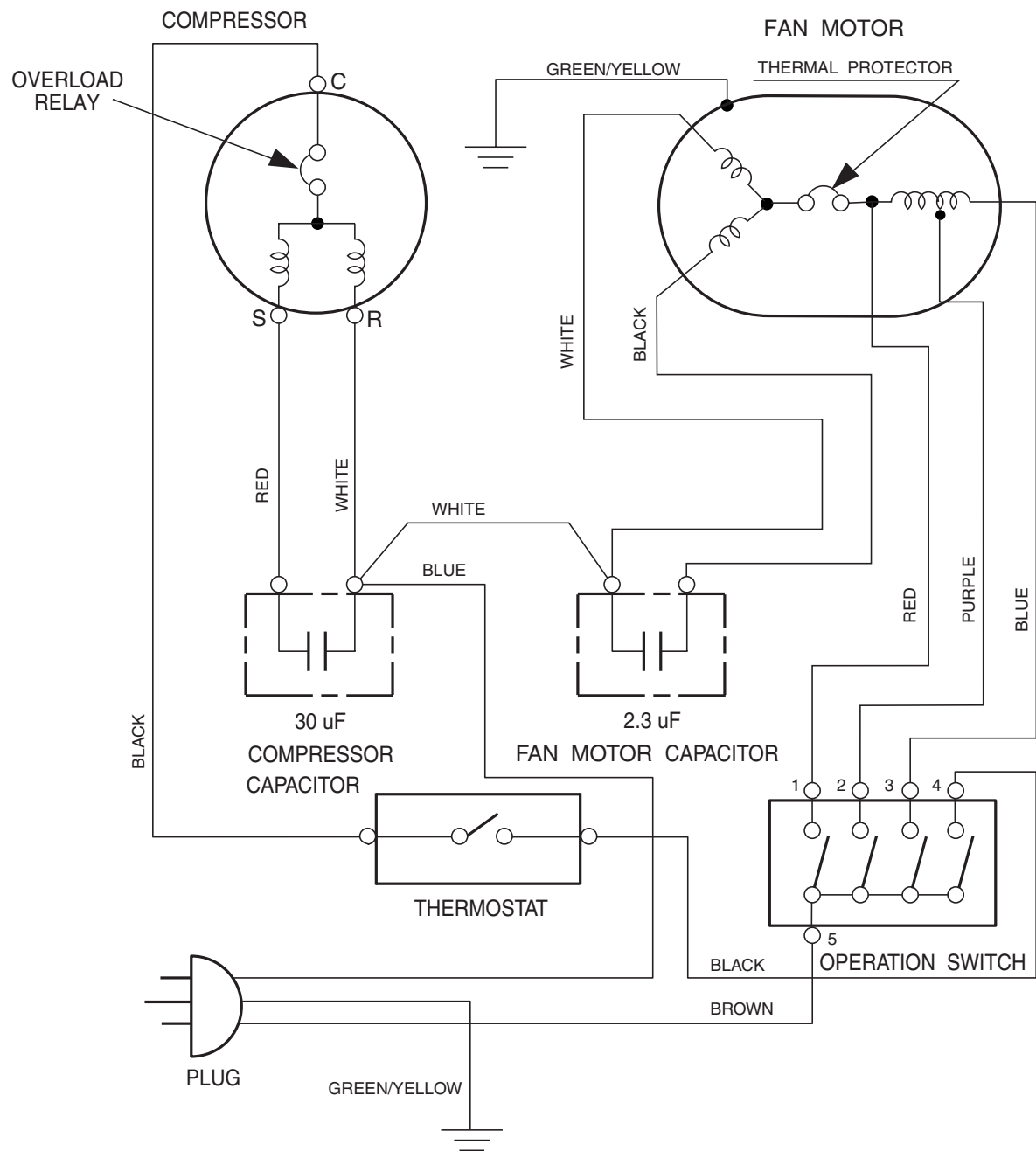
CIRCUIT DIAGRAM

Model : RK-7FA

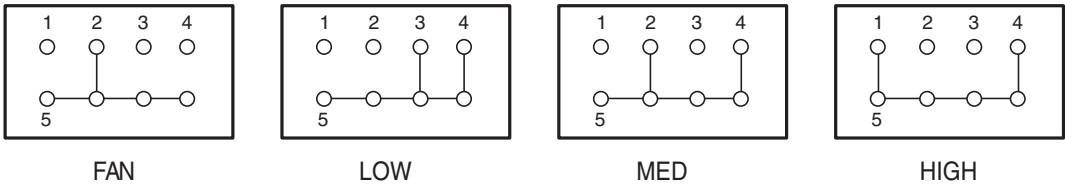


OPERATION SWITCH INTERNAL CONNECTIONS

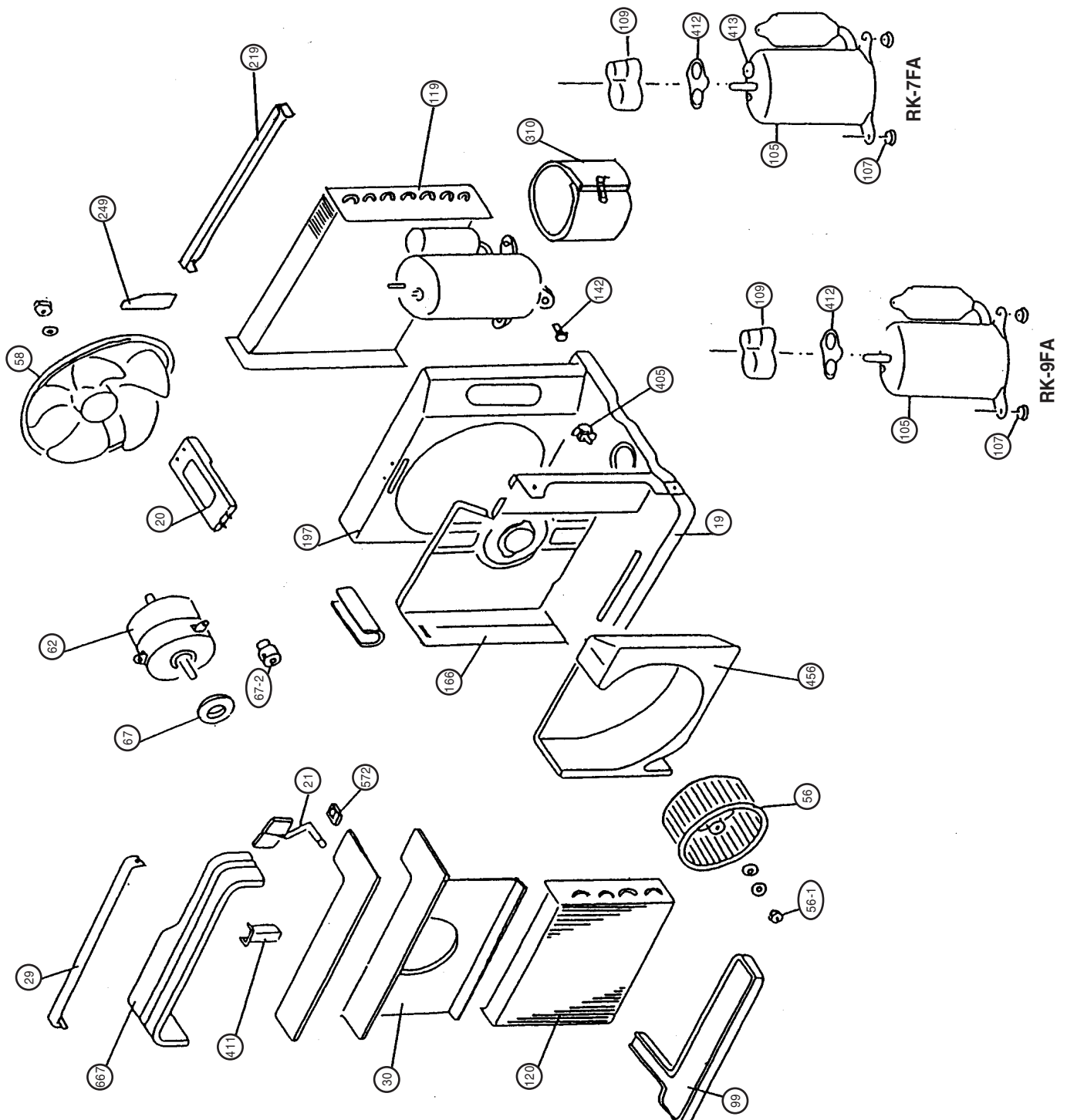


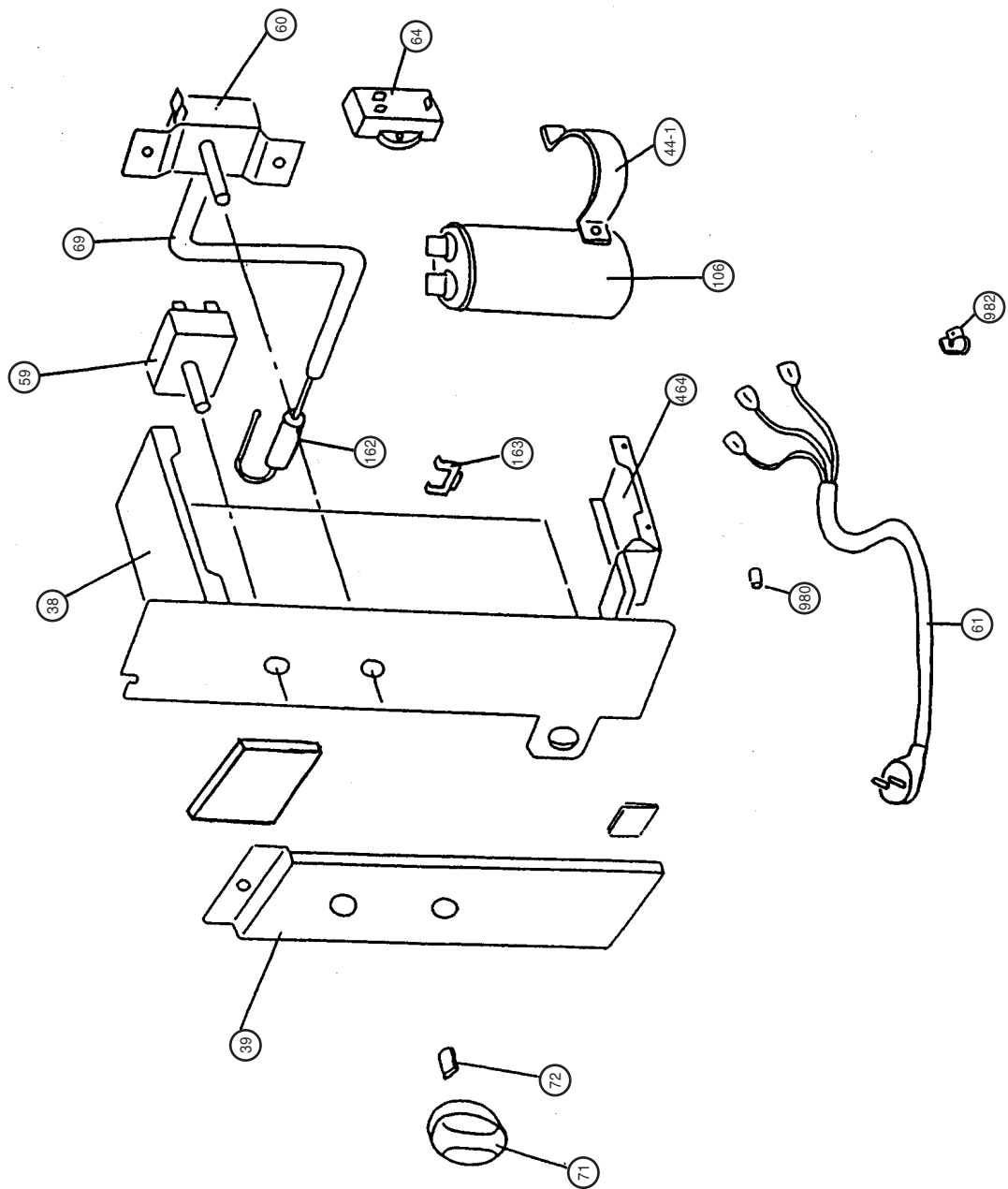


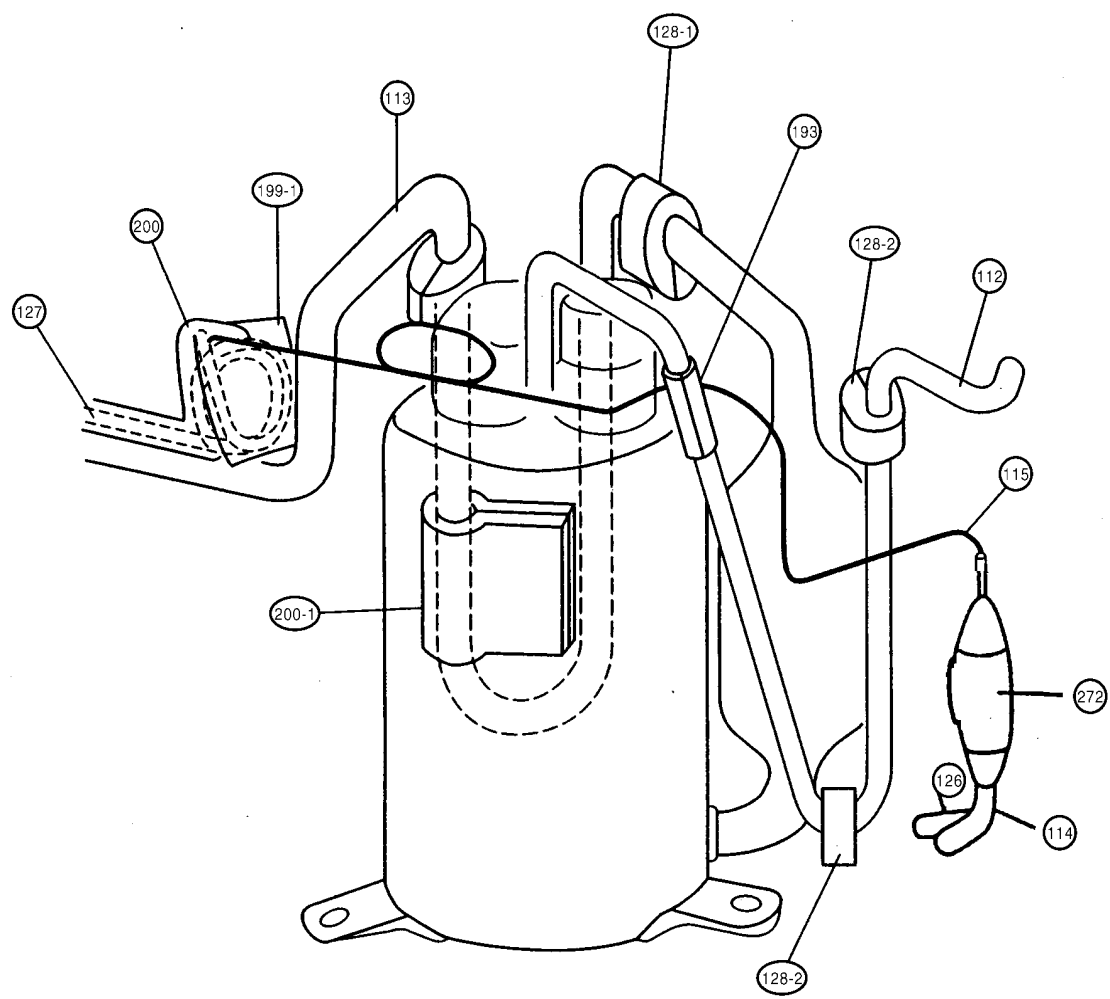
OPERATION SWITCH INTERNAL CONNECTIONS



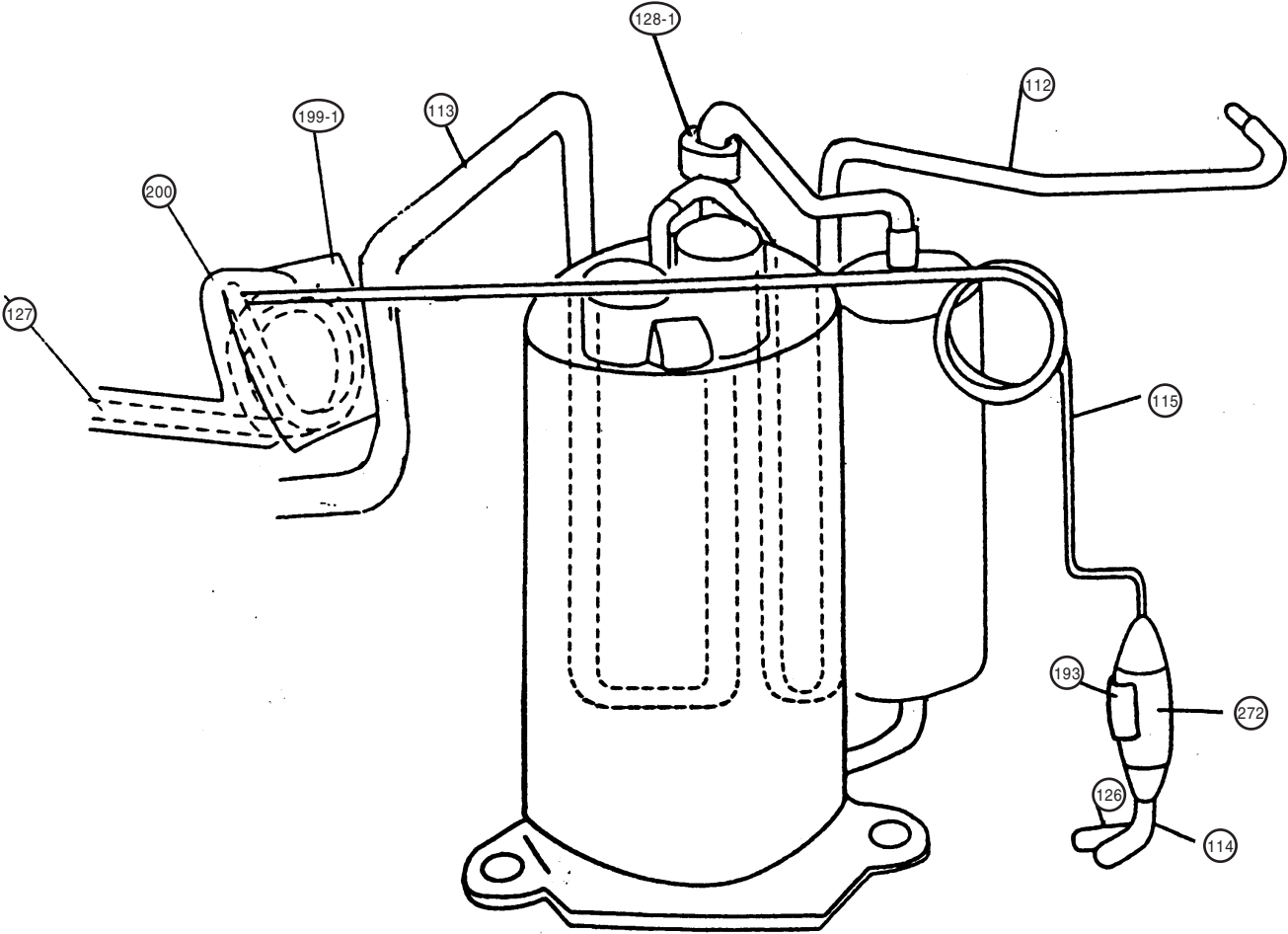
DISASSEMBLY ILLUSTRATION

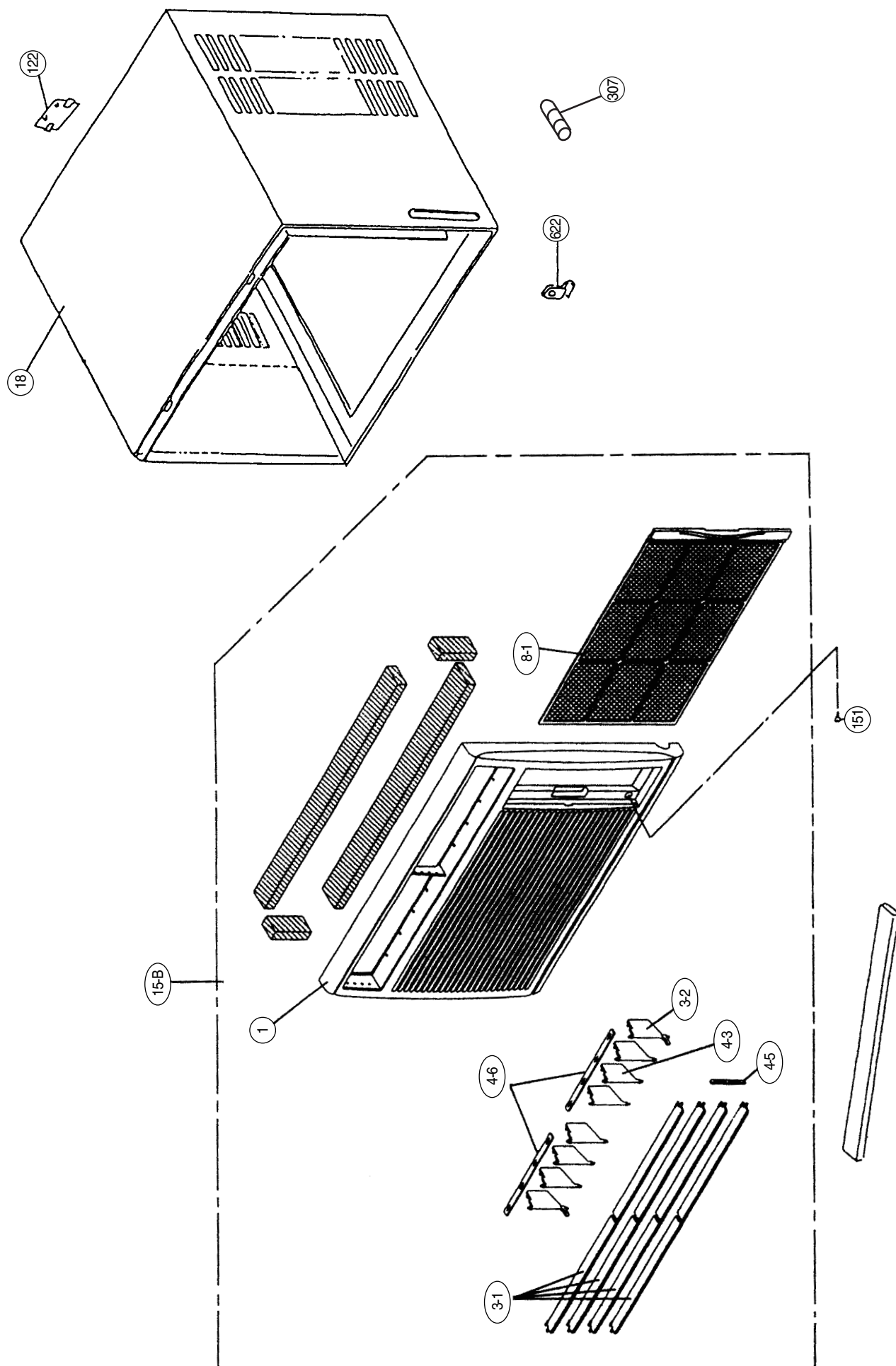






Model : RK-9FA





PARTS LIST

RK-7FA
RK-9FA

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

FRONT PANEL PARTS

Ref. No.	Description	Part No.	Ord. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
1	Front Panel	9361838017		4-5	Connecting Plate-A	9358102015	
3-1	Louver-A	9361840010		4-6	Connecting Plate-B	9358103012	
3-2	Louver-C	9358101018		8-1	Filter Assy	9361842021	
4-3	Louver-B	9358100011		15-B	Front Panel Assy	9362575027	

CABINET CHASSIS PARTS

Ref. No.	Description	Part No.		Ord. Q'ty	Ref. No.	Description	Part No.		Ord. Q'ty
		RK-7FA	RK-9FA				RK-7FA	RK-9FA	
18	Cabinet Assy	9389020098	9389020067		122	Emblem (Rear)	9358104040	9358104040	
19	Base Assy	9389017135	9389017081		126	Condensing Pipe Assy	9366709008	9366709008	
20	Supporter-C	9358090008	9358091005		127	Inlet Pipe (Evaporator)-B	9362471008	9367120000	
21	Exhaust Air Damper	9358094013	9358094020		128-1	Rubber (Discharge Pipe)	313155086308	313155086308	
29	Supporter-B	9358089002	9358089002		128-2	Rubber (Discharge Pipe)	313202086308	—	
30	Blower Mouth	9358083000	9358084007		142	Drain Pipe	9351674007	9351674007	
38	Switch Box-A Assy	313106242808	313107242805		151	Front Panel Screw	313306389909	313306389909	
39	Switch Panel	9358134092	9358134092		162	Thermostat Holder	313616262803	313616262803	
44-1	Capacitor Band	313106061706	313306061707		163	Thermostat Spring-A	313668262714	313668262714	
56	Sirocco Fan	9358107010	9358107010		166	Separate Wall Assy	9358114018	9358114018	
56-1	Nut For Sirocco Fan	9358135006	9358135006		193	Cushion Rubber	313376149201	313376149201	
58	Propeller Fan	9358106013	9358106013		197	Wind Guide Board	9358092019	9358092026	
59	Operation Switch	9370012026	9370012026		199-1	BR Sheet	313612108209	313612108209	
60	Thermostat	9900065034	9900065034		200	BR Sheet-B	9359189008	9359189008	
61	Power Cord Assy	9358309018	9358309018		200-1	BR Sheet-B	313563108306	—	
62	Fan Motor Assy	9601077015	9601077022		219	Supporter	9362310000	9362310000	
64	Capacitor (Fan Motor)	9703306105	9703306105		249	Dew Proof Plate	313106041504	313106041504	
67	Rubber (Vibration-proof)	313106068602	313106068602		272	Strainer	9366707011	9366707011	
67-2	Rubber-B (Vibration-proof)	9358306000	9358306000		307	Flexible Tube	313013042915	313013042915	
69	Protection Tube	313310060308	313310060308		310	Compressor Cover	9362687003	9364291000	
71	Thermostat Knob	9358105016	9358105016		405	Clamp No.1259	313739340109	313739340109	
72	Knob Spring (Thermostat Knob)	313008061010	313008061010		411	Supporter-A	9358115015	9358115015	
99	Drain Pan	9358085004	9358086001		412	Terminal Gasket (For Comp.)	9351933012	9364725000	
105	Compressor Assy	9370859003	9366715009		413	Overload Relay	9362307000	—	
106	Running Capacitor	9704436054	9704436078		456	Casing	9358082003	9358082003	
107	Rubber Seat-A (For Comp.)	9370024005	9359425014		464	Switch Box Cover-C	9358009017	9358009024	
109	Terminal Cover (For Comp.)	9351932015	9364724003		572	Holder (Ex. Air Damper)	9358095010	9358095010	
112	Discharge Pipe	9362406000	9366706007		622	Bracket (Typhoon Lock)	9355799003	9355799003	
113	Suction Pipe Assy	9362470001	9366712008		667	Casing-Upper	9358087008	9358088005	
114	Air Duct Pipe-E	9366687009	9366687009		980	Bushing, TB-1116	9358230015	9358230015	
115	Capillary Tube	9370976007	9366714002		982	Cord Clamp	9357884004	9357884004	
119	Condenser Assy	9370858006	9369586000						
120	Evaporator Assy	9362580014	9366711018						



MANUFACTURER :

Fuji Denki Sosetsu Co., Ltd.

Tokyo, Japan