

SERVICE
MANUAL



preliminary

Models

Indoor unit	Outdoor unit
RD-12FA	ROD-12FA
RD-12UA	ROD-12UA
RD-14FA	ROD-14FA
RD-14UA	ROD-14UA
RD-18FA	ROD-18FA
RD-18UA	ROD-18UA

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SPECIFICATIONS

TYPE	Cool		
INDOOR UNIT	RD-12FA	RD-14FA	RD-18FA
OUTDOOR UNIT	ROD-12FA	ROD-14FA	ROD-18FA
COOLING CAPACITY (kW)	3.50	4.20	5.40

ELECTRICAL DATA

POWER SOURCE (V)	230		
FREQUENCY (Hz)	50		
RUNNING CURRENT (A)	5.50	6.3	9.0
INPUT WATTS (kW)	1.24	1.39	2.03
E.E.R. (kW/kW)	2.823	3.02	2.87
MOISTURE REMOVAL (ℓ/hr)	1.2	1.5	1.6
AIR CIRCULATION-Hi (m³/hr)	500	640	1,000

COMPRESSOR

TYPE	Hermetic type, Deposit electrode condenser, 2 poles. Single phase, Induction motor, Rotary		
DISCRIMINATION	80235435(B)	80236035(B)	5KS225DAC
REFRIGERANT R410A (g)	800	900	900

FAN MOTOR

POWER SOURCE		(V)		
		230		
INDOOR UNIT	DISCRIMINATION	MFA-18NTT		
	HI-SPEED (r.p.m.)	680	830	1,250
	MED-SPEED (r.p.m.)	640	730	1,095
	LO-SPEED (r.p.m.)	570	620	955
OUTDOOR UNIT	DISCRIMINATION	MFB-14VTT		MFB-24JTAT
	HI- SPEED (r.p.m.)	740		780
	LO-SPEED (r.p.m.)	-----		400

DIMENSIONS

INDOOR UNIT H x W x D (mm)	217 x 953 x 595		
OUTDOOR UNIT H x W x D (mm)	530 x 750 x 250		650 x 830 x 320

WEIGHT

INDOOR UNIT GROSS / NET (kg)	29 / 25		
OUTDOOR UNIT GROSS / NET (kg)	36 / 34	37 / 35	51 / 47

REFRIGERANT CHARGE (R410A)

PIPE LENGTH		7.5 m (25 ft)	10 m (33 ft)	15 m (49 ft)	20 m (66 ft)	Additional refrigerant
FULL CHARGE AMOUNT	RD-12FA	800 g (28.2oz)	837.5 g (29.5oz)	912.5 g (32.2oz)	-	15g (0.53oz) / 1m (3.3ft) (over 7.5m)
	RD-14FA	900 g (31.7oz)	937.5 g (33.1oz)	1,012.5 g (35.7oz)	-	
	RD-18FA	900 g (31.7oz)	950 g (33.5oz)	1,050 g (37.0oz)	1,150 g (40.6oz)	20g (0.71oz) / 1m (3.3ft) (over 7.5m)

TYPE		Cool and Heat		
INDOOR UNIT		RD-12UA	RD-14UA	RD-18UA
OUTDOOR UNIT		ROD-12UA	ROD-14UA	ROD-18UA
COOLING CAPACITY	(kW)	3.50	4.00	5.40
HEATING CAPACITY	(kW)	4.00	4.70	6.00

ELECTRICAL DATA

POWER SOURCE	(V)	230		
FREQUENCY	(Hz)	50		
RUNNING CURRENT (Cool)	(A)	5.50	6.3	8.8
RUNNING CURRENT (Heat)	(A)	5.40	6.0	8.7
INPUT WATTS (Cool)	(kW)	1.24	1.42	1.92
INPUT WATTS (Heat)	(kW)	1.21	1.35	1.87
E.E.R. (Cool)	(kW/kW)	2.823	2.82	2.81
E.E.R. (Heat)	(kW/kW)	3.306	3.48	3.21
MOISTURE REMOVAL	(ℓ /hr)	1.2	1.5	1.6
AIR CIRCULATION-Hi	(m³/hr)	500	640	1,040

COMPRESSOR

TYPE		Hermetic type, Deposit electrode condenser, 2 poles. Single phase, Induction motor, Rotary		
CODE		80235435(B)	80236035(B)	5KS225DAC
REFRIGERANT	R410A (g)	850	1,000	1,400

FAN MOTOR

POWER SOURCE		(V)	230		
INDOOR UNIT	TYPE		MFA-18NTT		
	HI-SPEED	(r.p.m.)	680	830	1,250
	MED-SPEED	(r.p.m.)	640	730	1,095
	LO-SPEED	(r.p.m.)	570	620	955
OUTDOOR UNIT	TYPE		MFB-14NTT		MFB-24JTAT
	HI- SPEED	(r.p.m.)	740		780
	LO-SPEED	(r.p.m.)	440		400

DIMENSIONS

INDOOR UNIT	H x W x D	(mm)	217 x 953 x 595	
OUTDOOR UNIT	H x W x D	(mm)	530 x 750 x 250	650 x 830 x 320

WEIGHT

INDOOR UNIT	GROSS / NET	(kg)	29 / 25		
OUTDOOR UNIT	GROSS / NET	(kg)	36 / 34	37 / 35	56 / 52

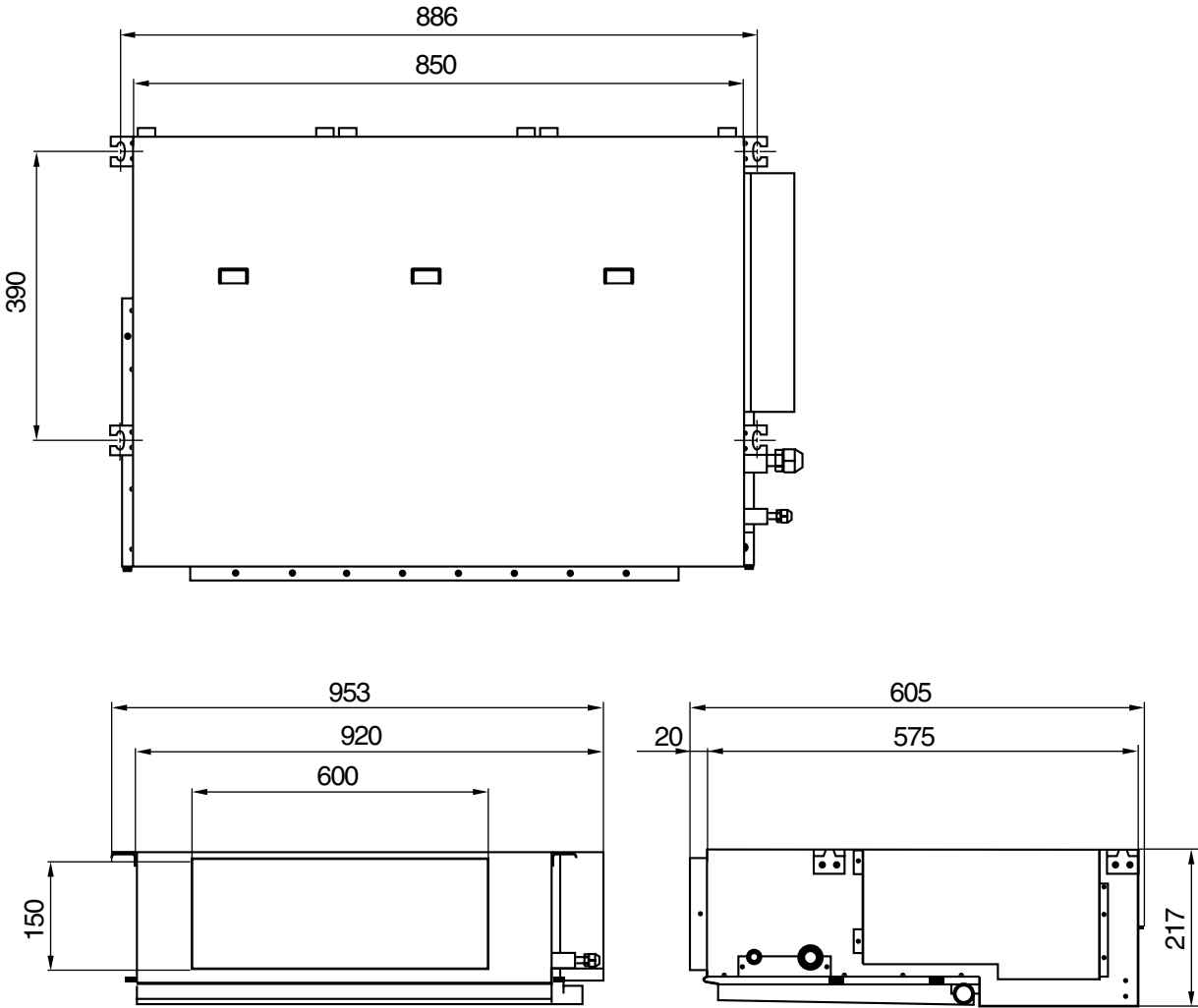
REFRIGERANT CHARGE (R410A)

PIPE LENGTH		7.5 m (25 ft)	10 m (33 ft)	15 m (49 ft)	20 m (66 ft)	Additional refrigerant
FULL CHARGE AMOUNT	RD-12UA	850 g (30.0oz)	887.5 g (31.3oz)	962.5 g (34.0oz)	-	15g (0.53oz) / 1m(3.3ft) (over 7.5m)
	RD-14UA	1,000 g (35.3oz)	1,037.5 g (36.6oz)	1,112.5 g (39.2oz)	-	
	RD-18UA	1,400 g (49.5oz)	1,450 g (51.1oz)	1,550 g (54.7oz)	1,650 g (58.2oz)	20g (0.71oz) / 1m(3.3ft) (over 7.5m)

OUTLINE AND DIMENSIONS

Unit : mm

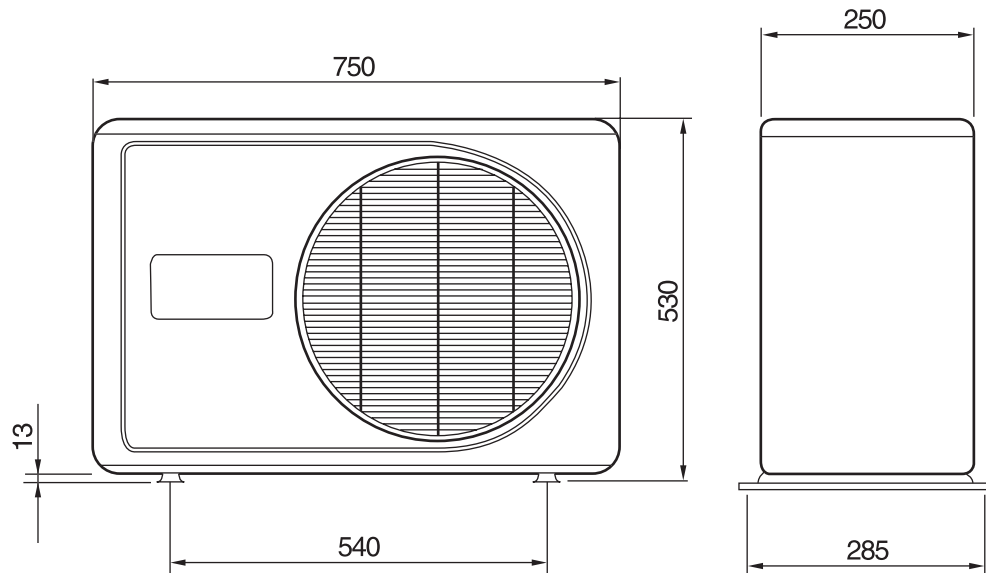
Models : RD-12FA
RD-12UA
RD-14FA
RD-14UA
RD-18FA
RD-18UA



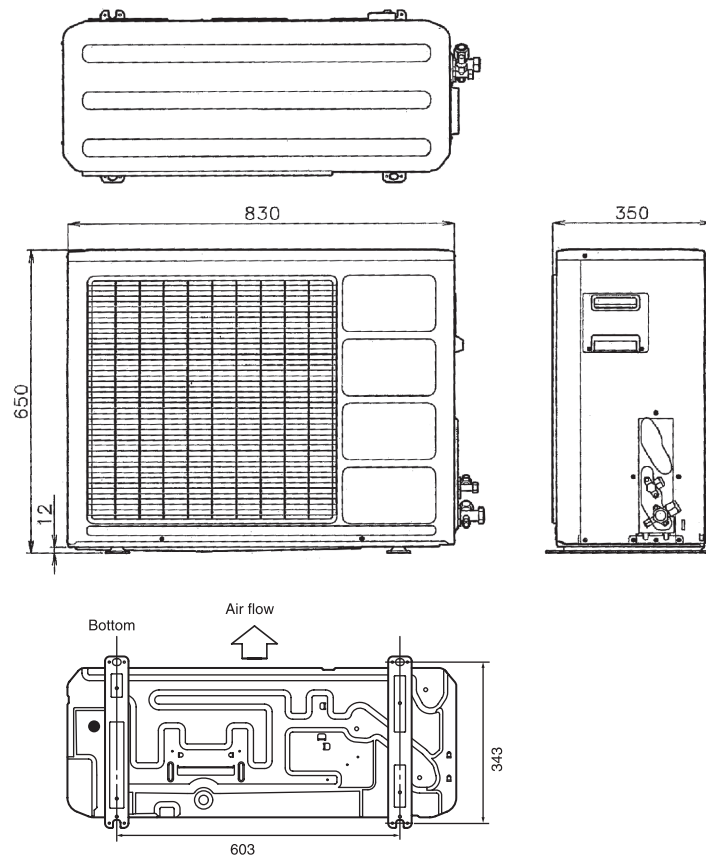
OUTDOOR UNIT

Unit : mm

**Models : ROD-12FA
ROD-12UA
ROD-14FA
ROD-14UA**

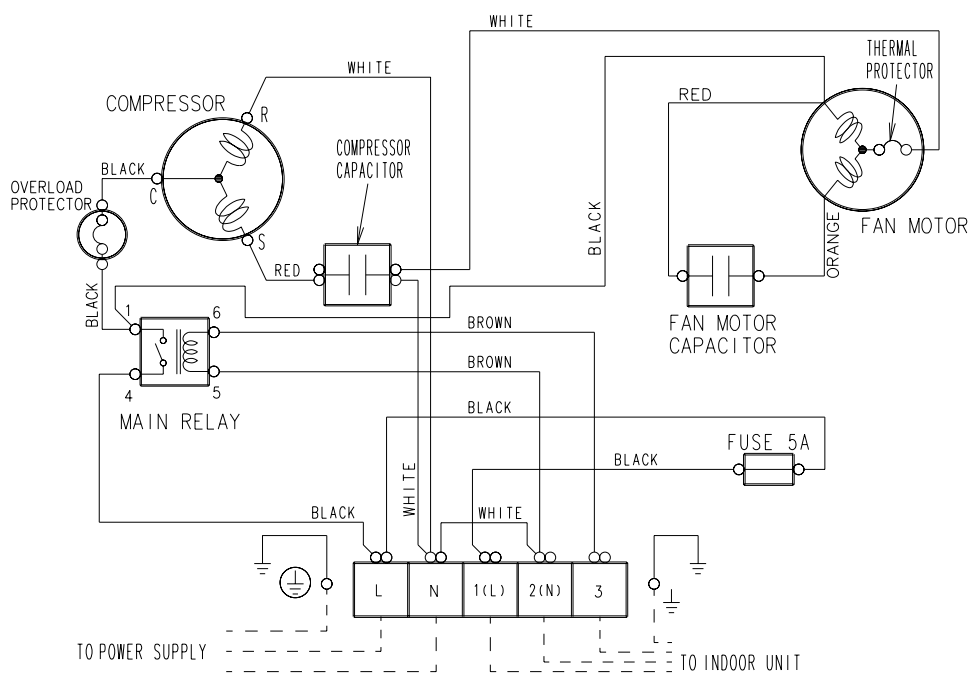
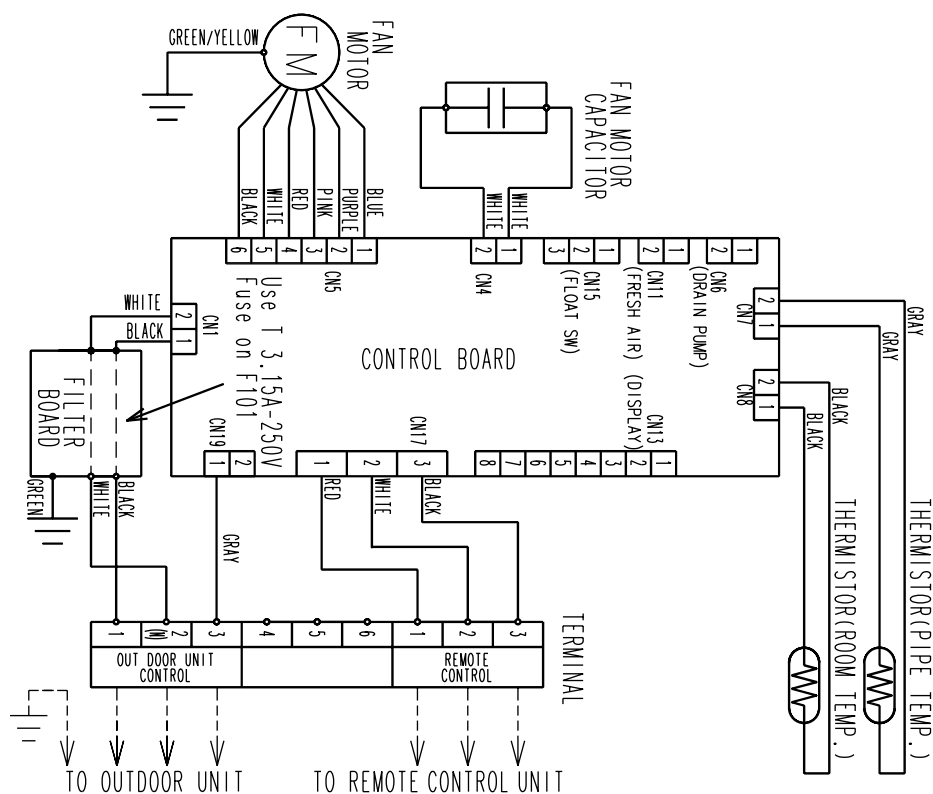


**Models : ROD-18FA
ROD-18UA**

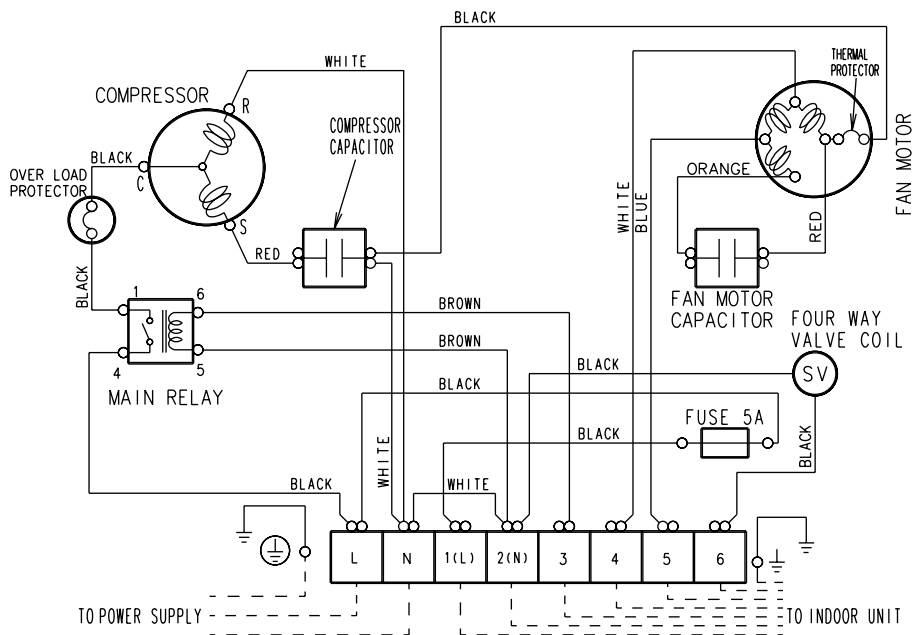
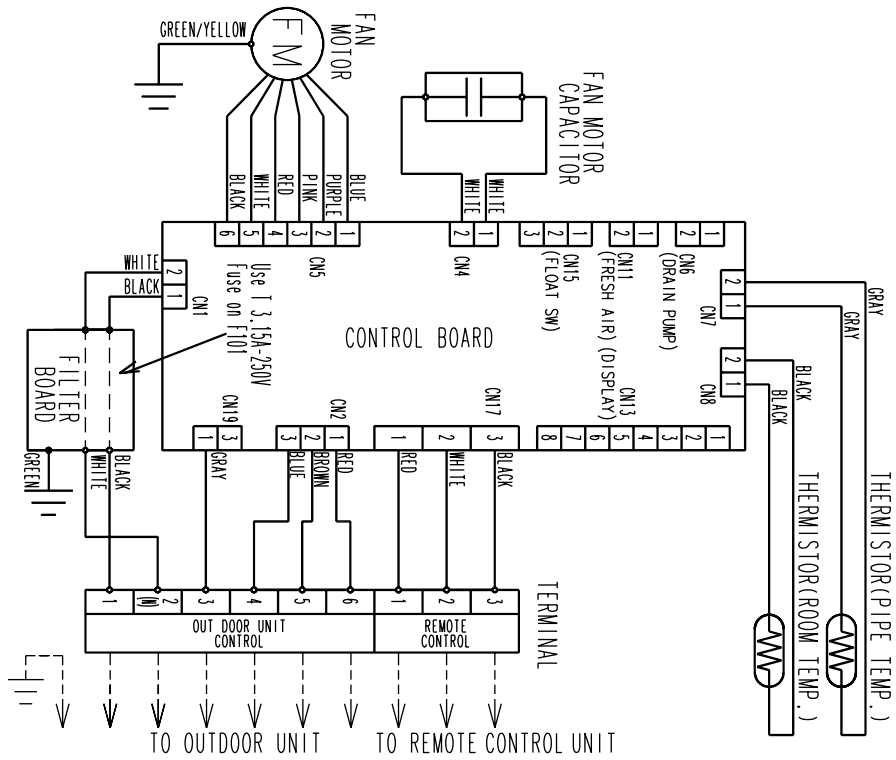


CIRCUIT DIAGRAM

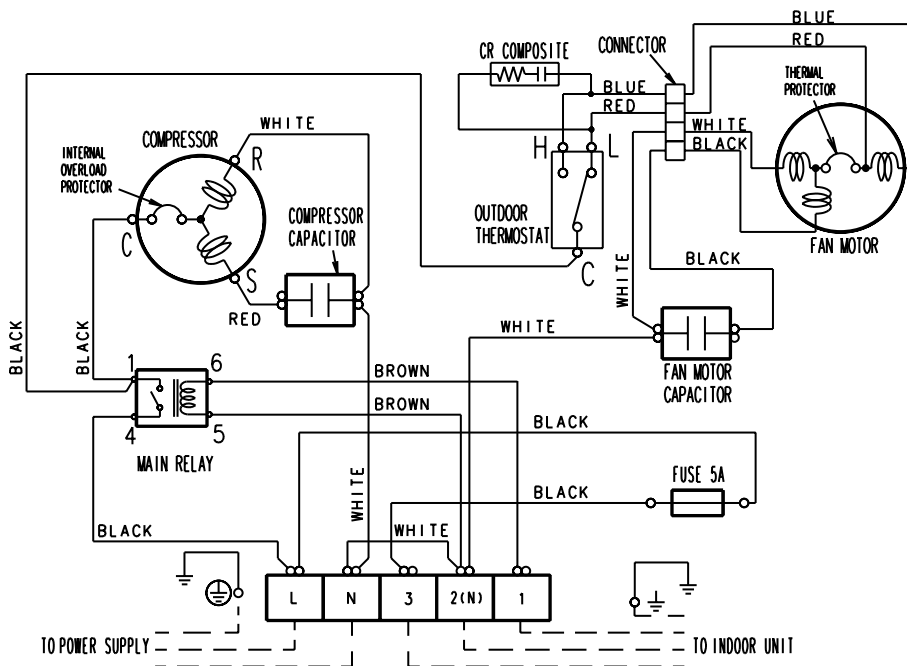
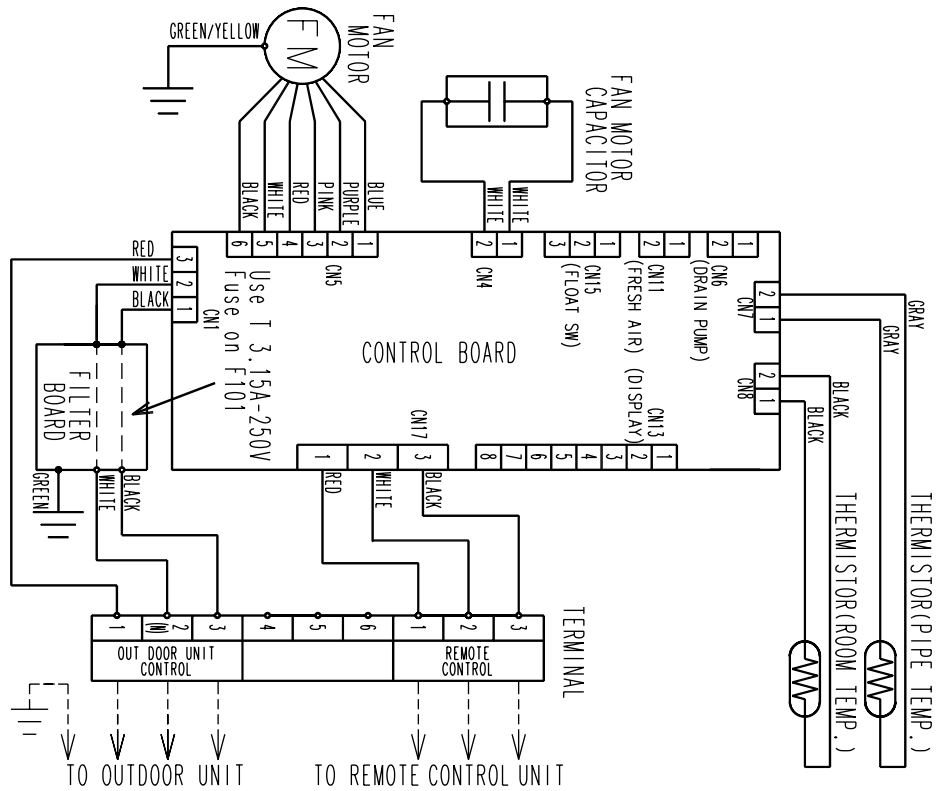
Models : RD-12FA / ROD-12FA
RD-14FA / ROD-14FA



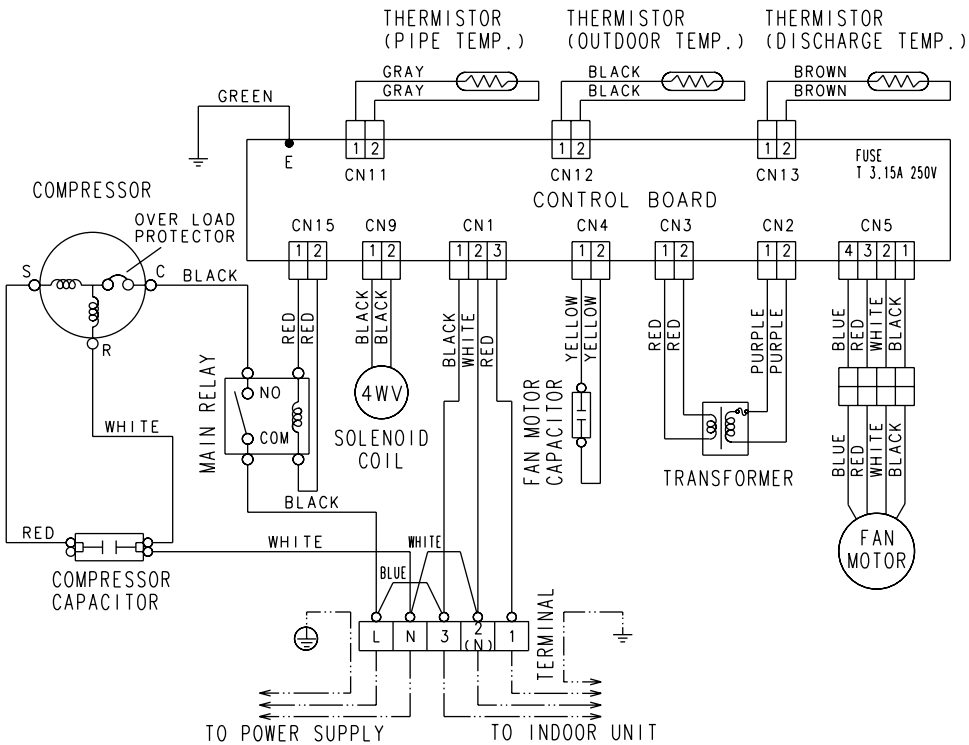
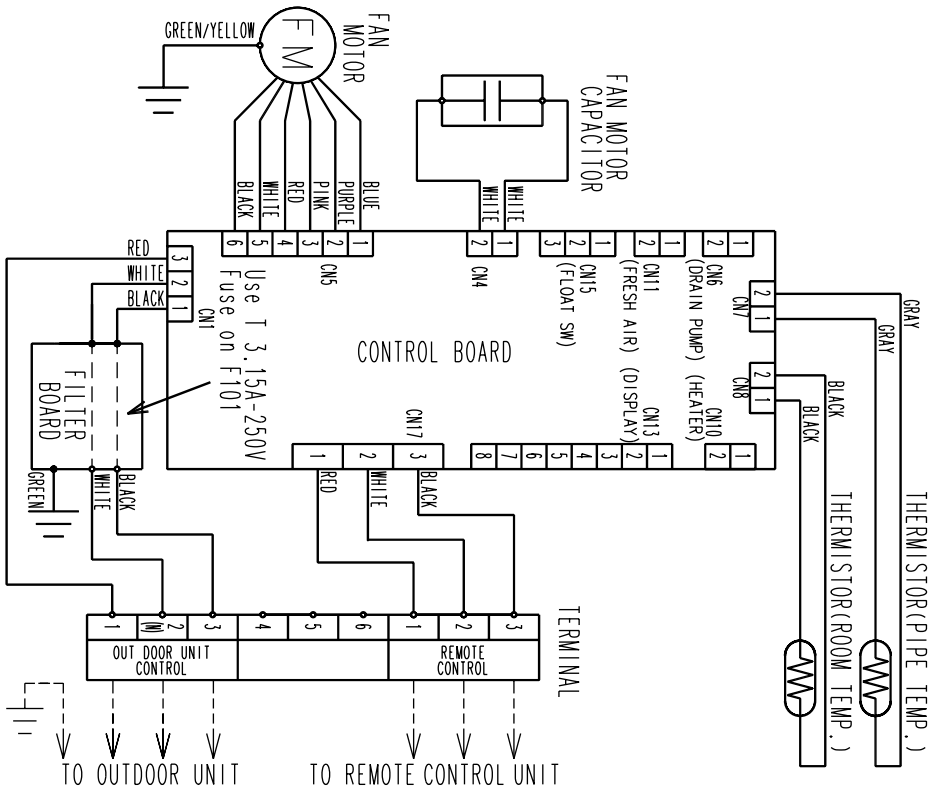
**Models : RD-12UA / ROD-12UA
RD-14UA / ROD-14UA**



Models : RD-18FA / ROD-18FA

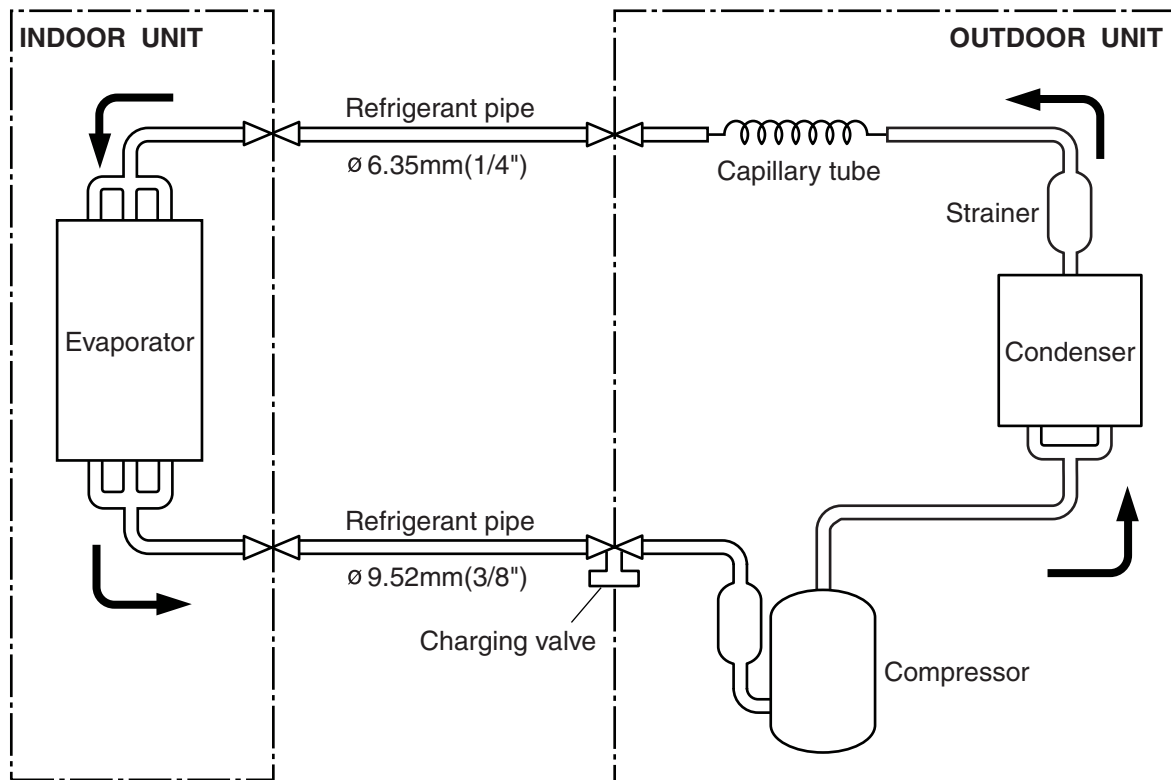


Models : RD-18UA / ROD-18UA

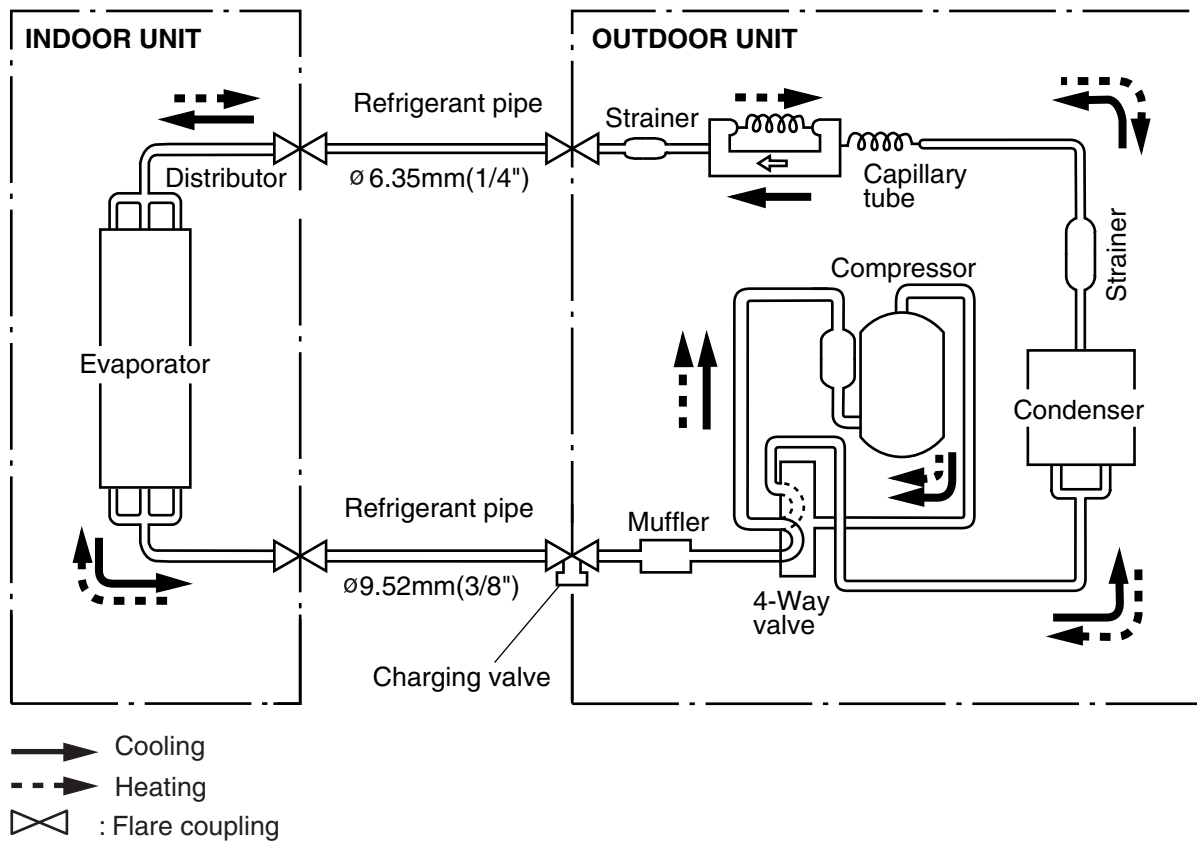


REFRIGERANT SYSTEM DIAGRAM

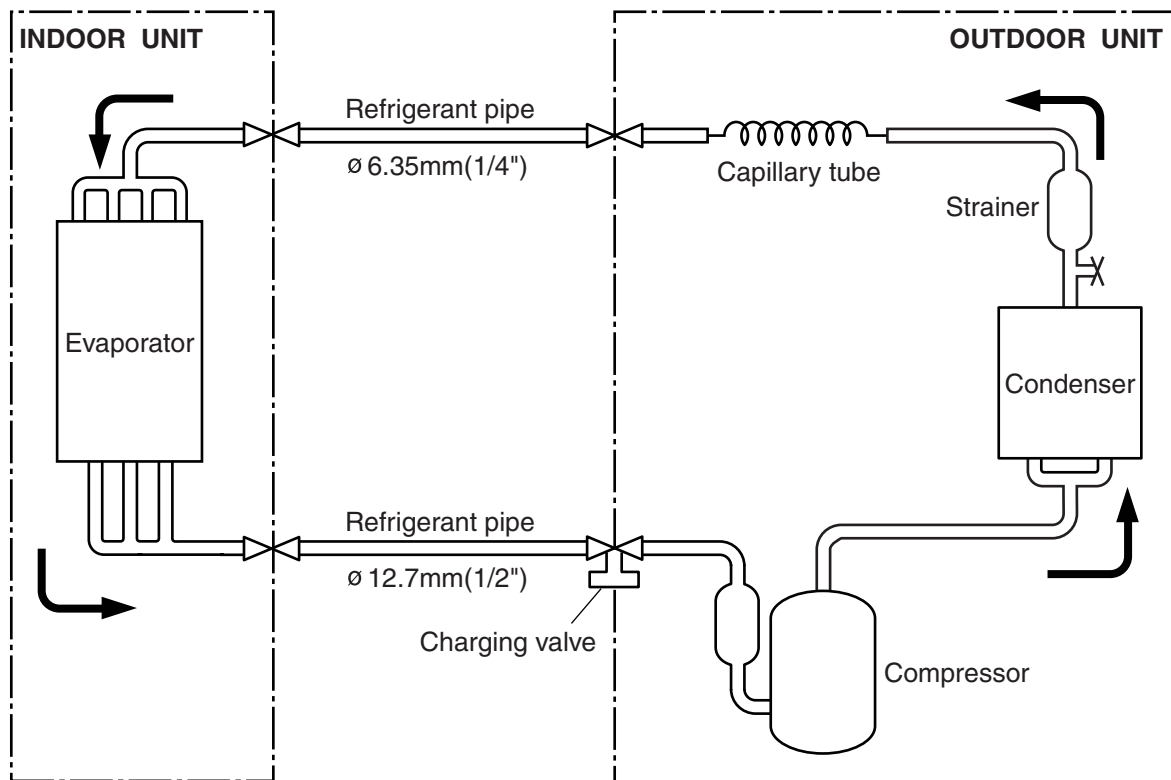
Models : RD-12FA / ROD-12FA



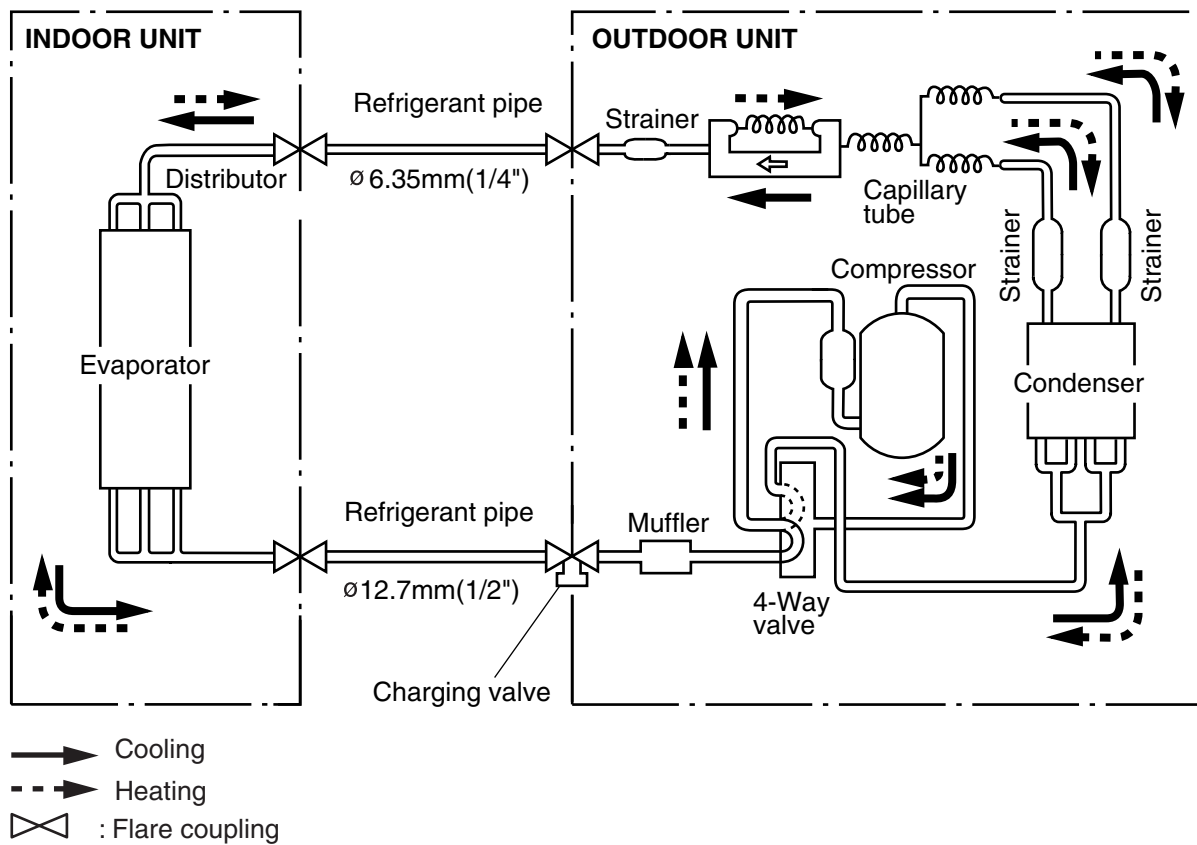
Models : RD-12UA / ROD-12UA



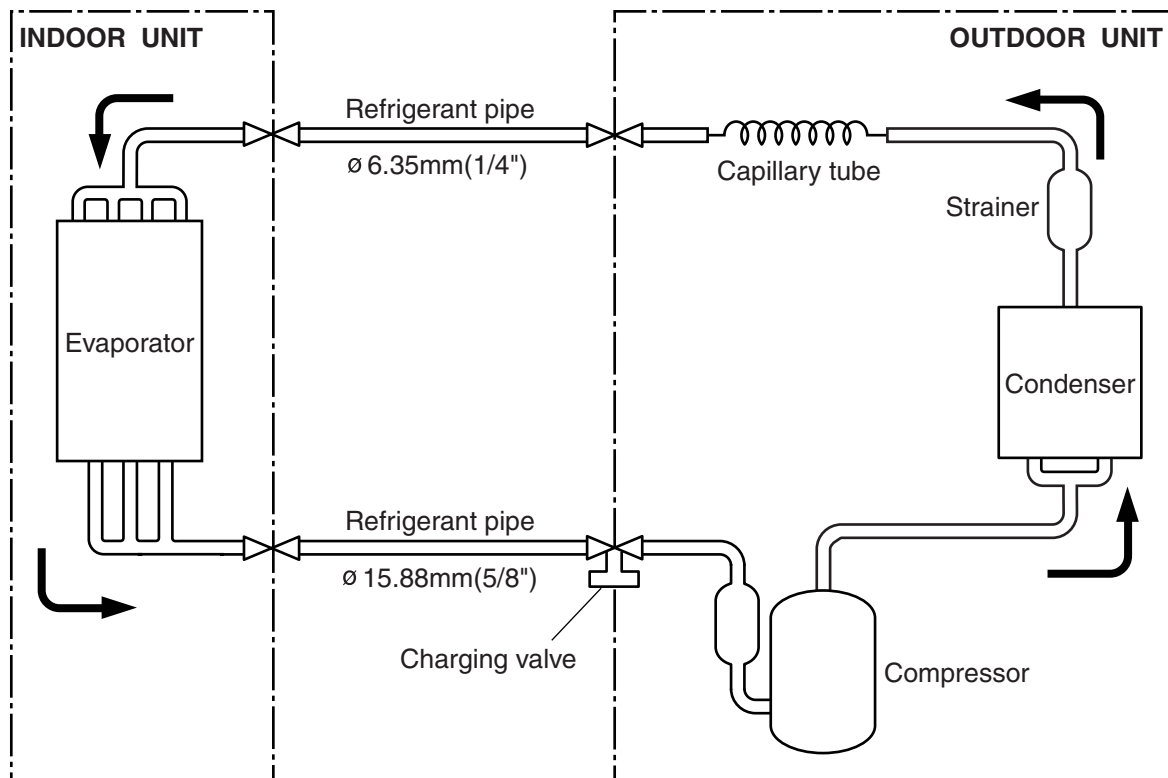
Models : RD-14FA / ROD-14FA



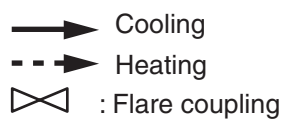
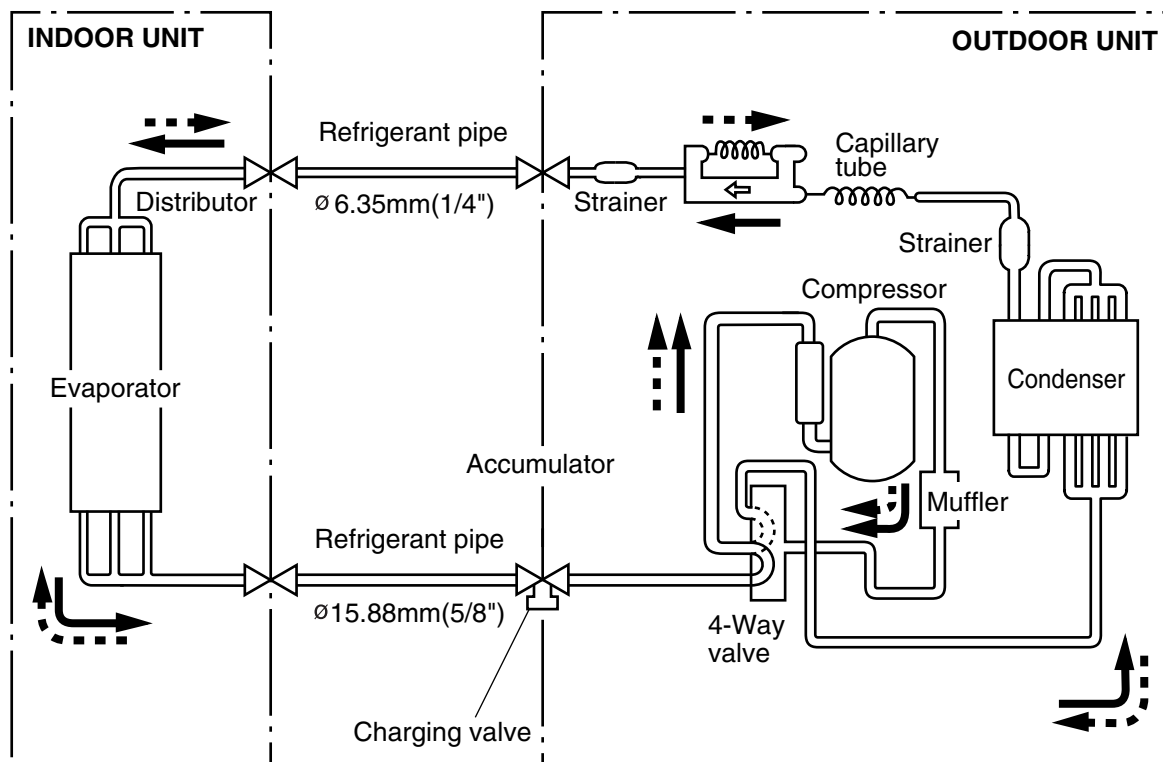
Models : RD-14UA / ROD-14UA



Models : RD-18FA / ROD-18FA

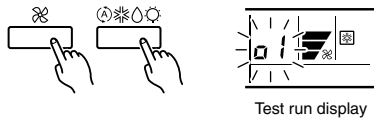


Models : RD-18UA / ROD-18UA



ERROR CONTENTS

- Stop the air conditioner operation.
- Press the master control button and the fan control button simultaneously for 2 seconds or more to start the test run.



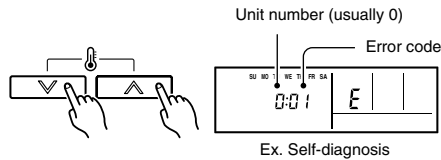
- Press the start/stop button to stop the test run.

[SELF-DIAGNOSIS]

When the error indication E:EE is displayed, follow the following items to perform the self-diagnosis. E:EE indicates an error has occurred.

1. REMOTE CONTROLLER DISPLAY

- Stop the air conditioner operation.
- Press the set temperature buttons Δ / ∇ simultaneously for 5 seconds or more to start the self-diagnosis.
Refer to the following tables for the description of each error code.



- Press the set temperature buttons Δ / ∇ simultaneously for 5 seconds or more to stop the self-diagnosis.

Error code	Error contents
00	Communication error (indoor unit $\leftrightarrow$ remote controller)
01	Communication error (indoor unit $\leftrightarrow$ outdoor unit)
02	Room temperature sensor open
03	Room temperature sensor short-circuited
04	Indoor heat exchanger temperature sensor open
05	Indoor heat exchanger temperature sensor short-circuited
06	Outdoor heat exchanger temperature sensor open
07	Outdoor heat exchanger temperature sensor short-circuited
08	Power source connection error
09	Float switch operated
0A	Outdoor temperature sensor open
0b	Outdoor temperature sensor short-circuited
0c	Discharge pipe temperature sensor open
0d	Discharge pipe temperature sensor short-circuited
0E	Outdoor high pressure abnormal
0F	Discharge pipe temperature abnormal
11	Model abnormal
12	Indoor fan abnormal
13	Outdoor signal abnormal
14	Outdoor EEPROM abnormal

2. OUTDOOR UNIT LEDS

When the outdoor temperature drops, the outdoor units fans may switch to low speed.

ERROR : 18000 BTU/h model HEAT & COOL MODEL (REVERSE CYCLE) ONLY

The LED lamps operate as follows according to the error contents.

Error display		
LED1	LED2	Error contents
Quick flash continued	Quick flash continued	Model abnormal or EEPROM abnormal
1 quick flash repeated	Lighting continued	Power source connection error
2 quick flash repeated	Lighting continued	Discharge temperature sensor error
3 quick flash repeated	Lighting continued	Outdoor heat exchanger temperature sensor error
4 quick flash repeated	Lighting continued	Outdoor temperature sensor error
5 quick flash repeated	Lighting continued	Communication signal error
6 quick flash repeated	Lighting continued	Indoor unit error
7 quick flash repeated	Lighting continued	Discharge temperature abnormal
8 quick flash repeated	Lighting continued	High pressure abnormal

When the fault is cleared, the LED lamp goes off.

However, for discharge pipe temperature abnormal and high pressure abnormal, the LED lamp lights continuously for 24 hours, as long as the power is not turned off.

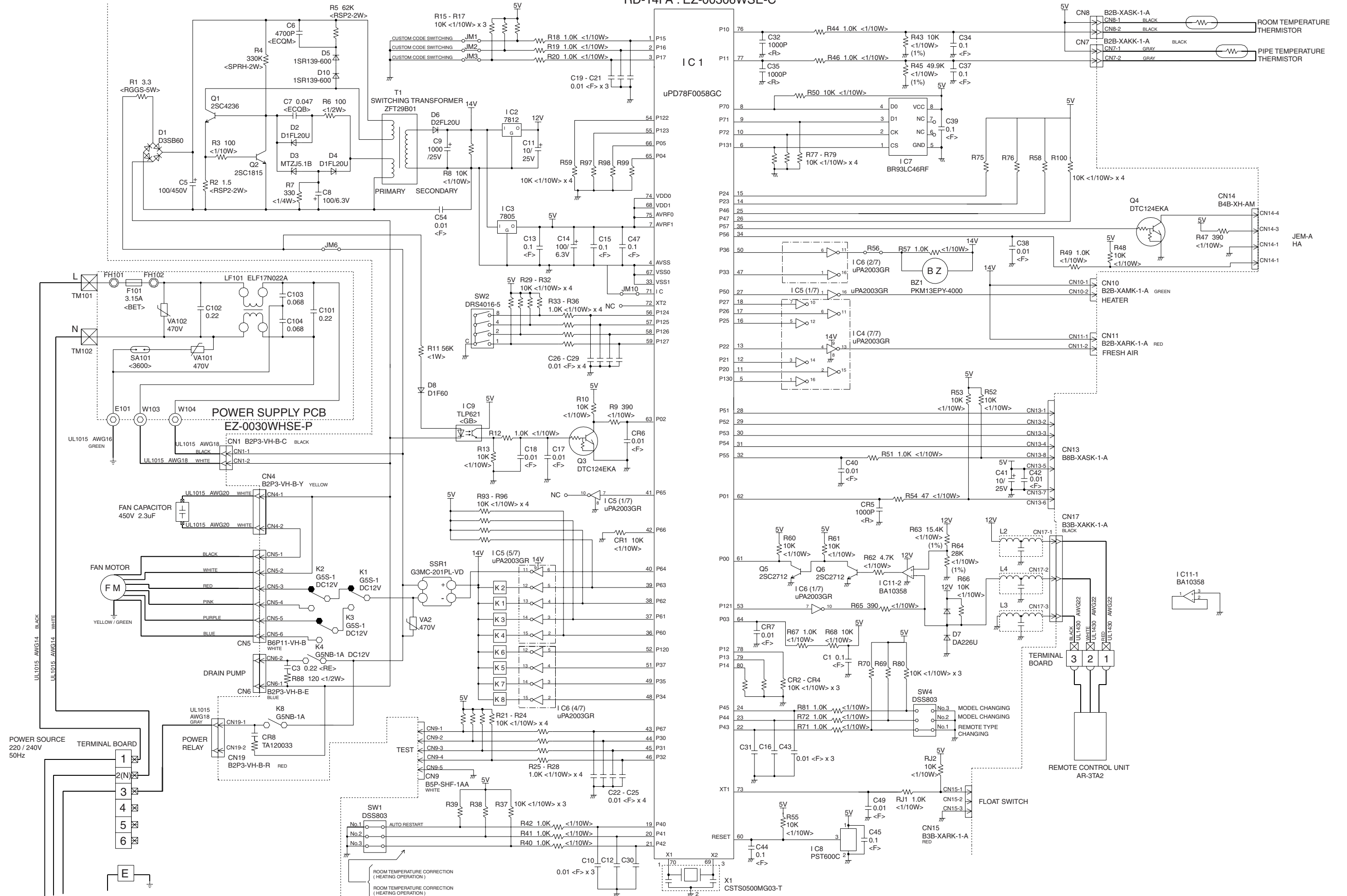
INDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

Models : RD-12FA
RD-14FA

CONTROLLER PCB ASSEMBLY (MAIN PCB)

RD-12FA : EZ-00309WSE-C

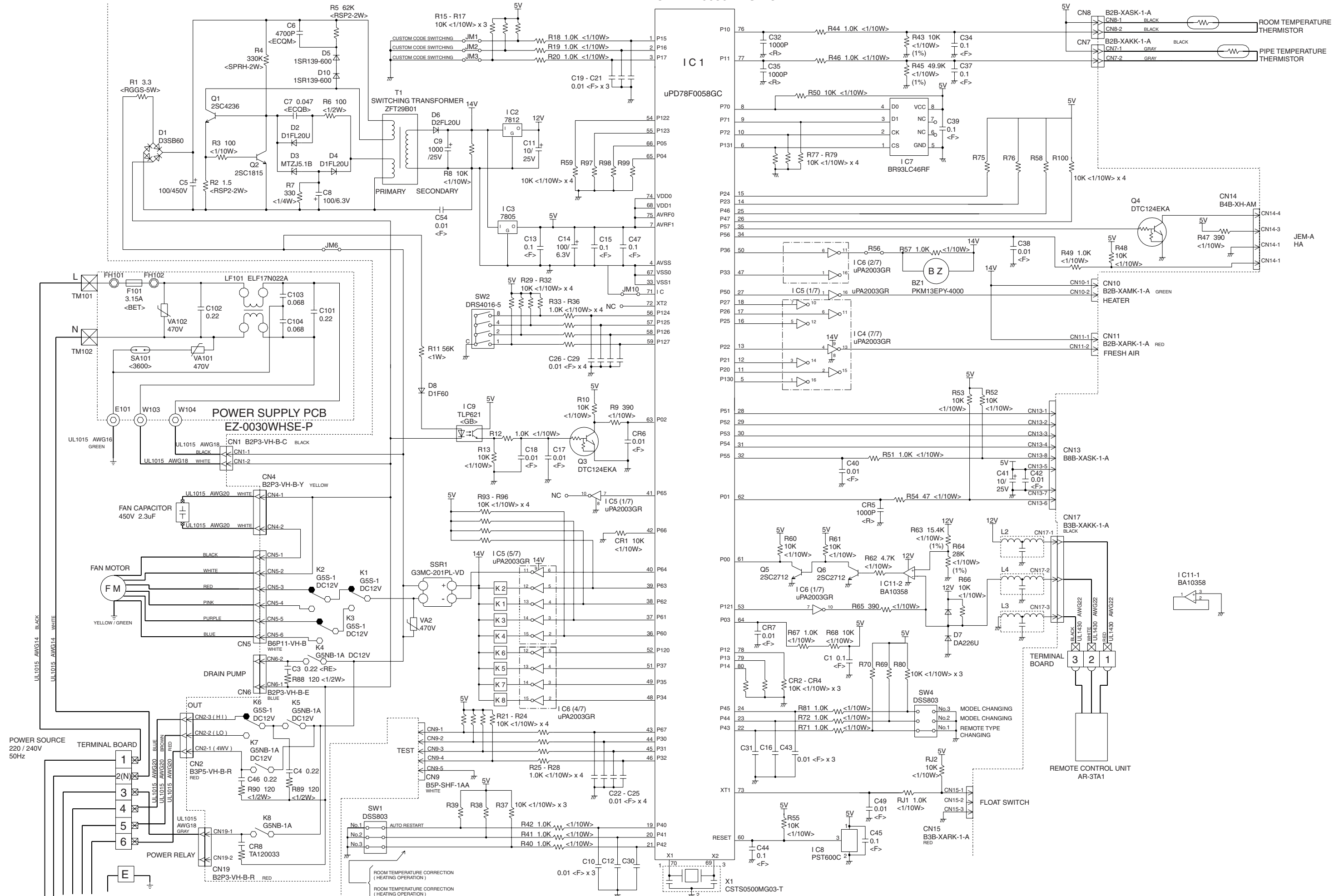
RD-14FA : EZ-00306WSE-C



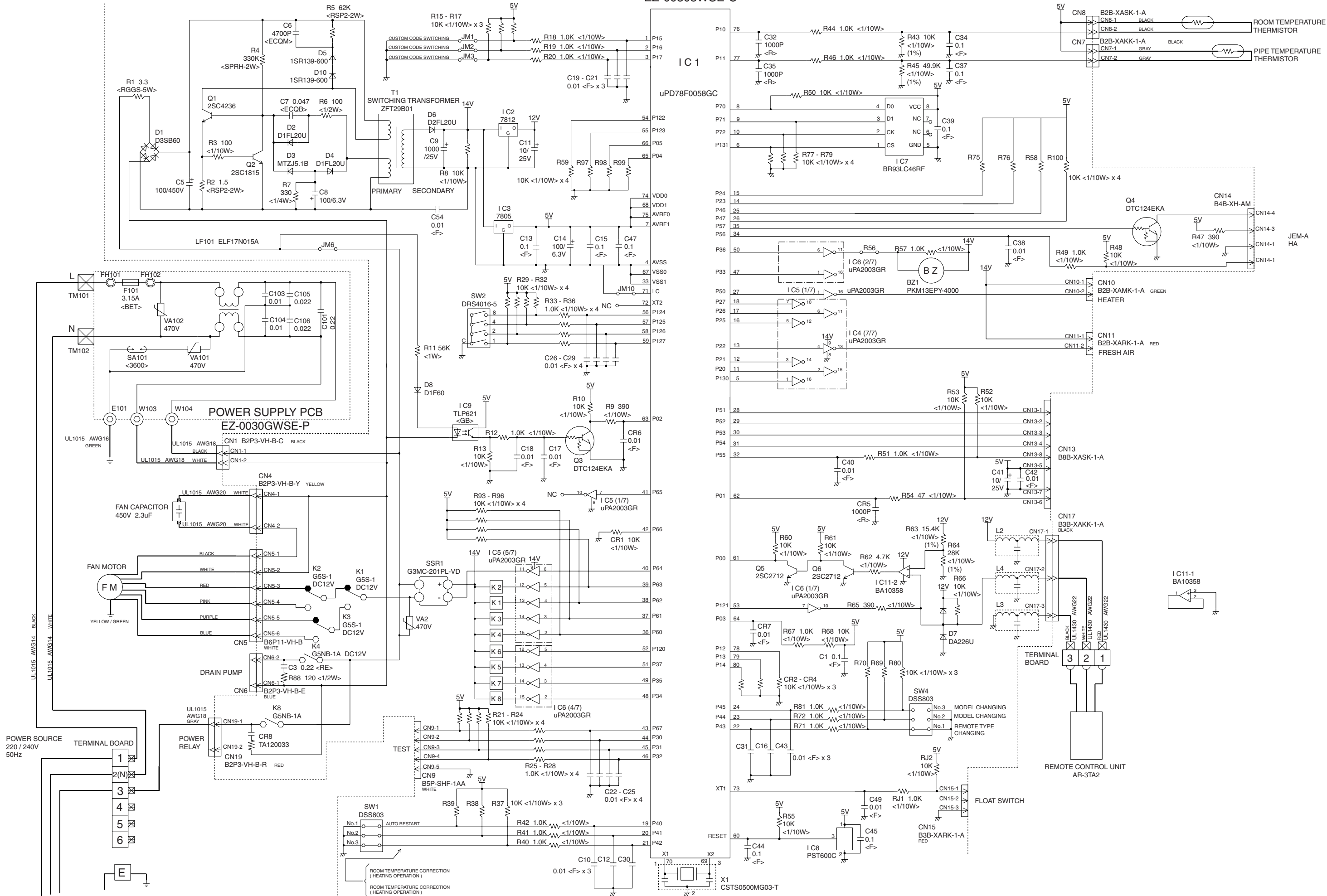
CONTROLLER PCB ASSEMBLY (MAIN PCB)

RD-12UA : EZ-00321HSE-C

RD-14UA : EZ-0030WHSE-C



CONTROLLER PCB ASSEMBLY (MAIN PCB)
EZ-00305WSE-C



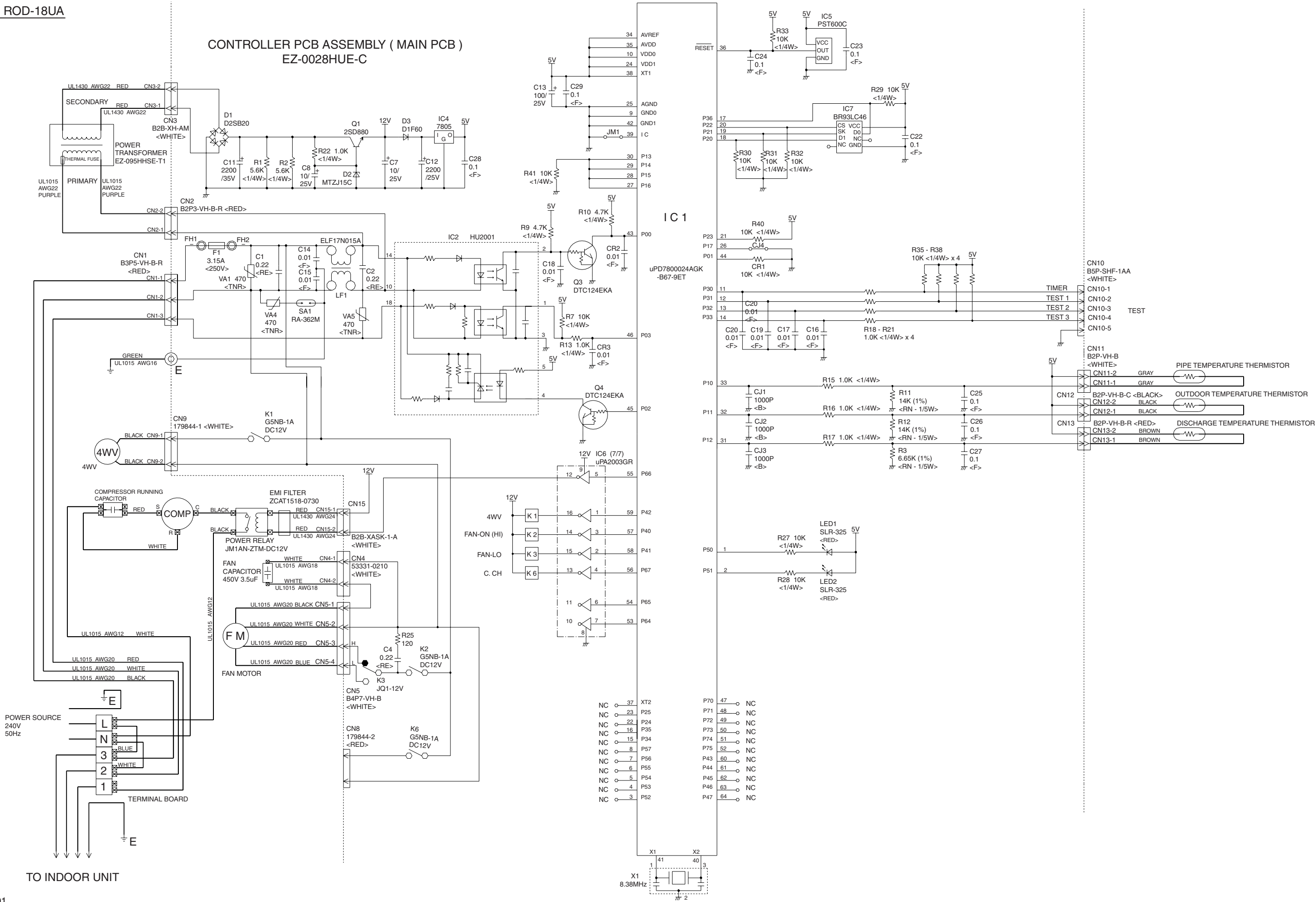
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OUTDOOR PRINTED CIRCUIT BOARD

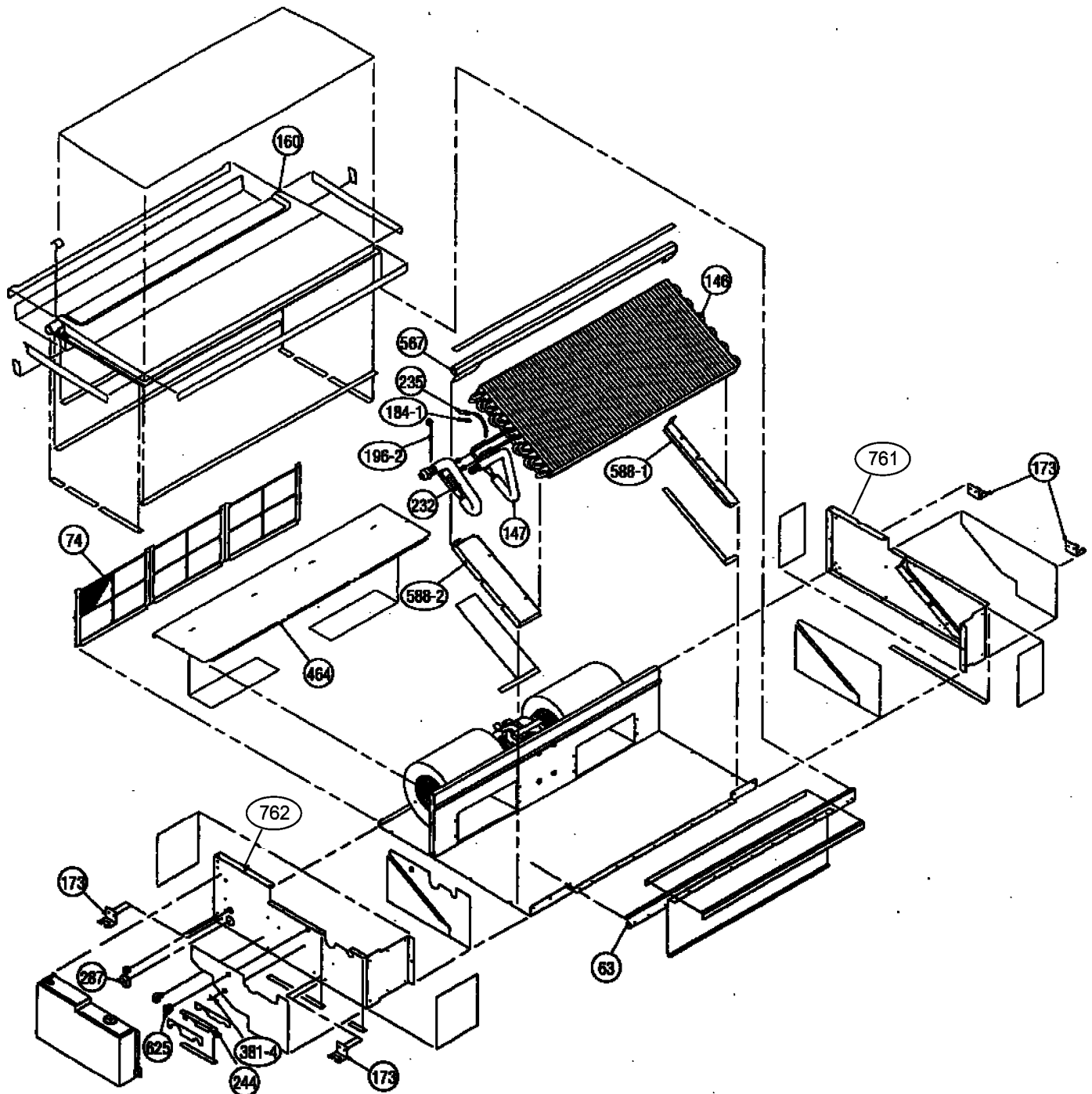
CIRCUIT DIAGRAM

Model : ROD-18UA

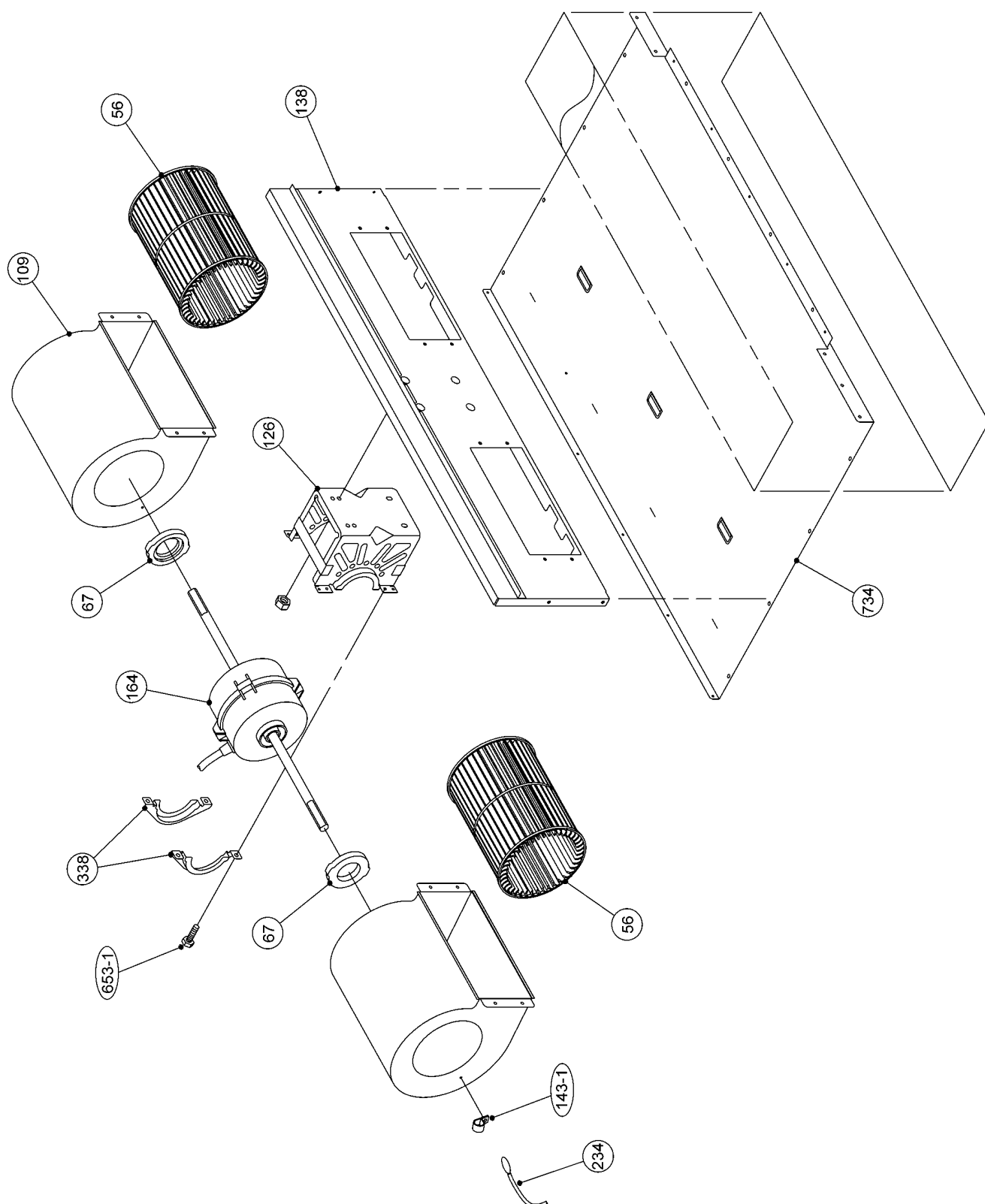


DISASSEMBLY ILLUSTRATION

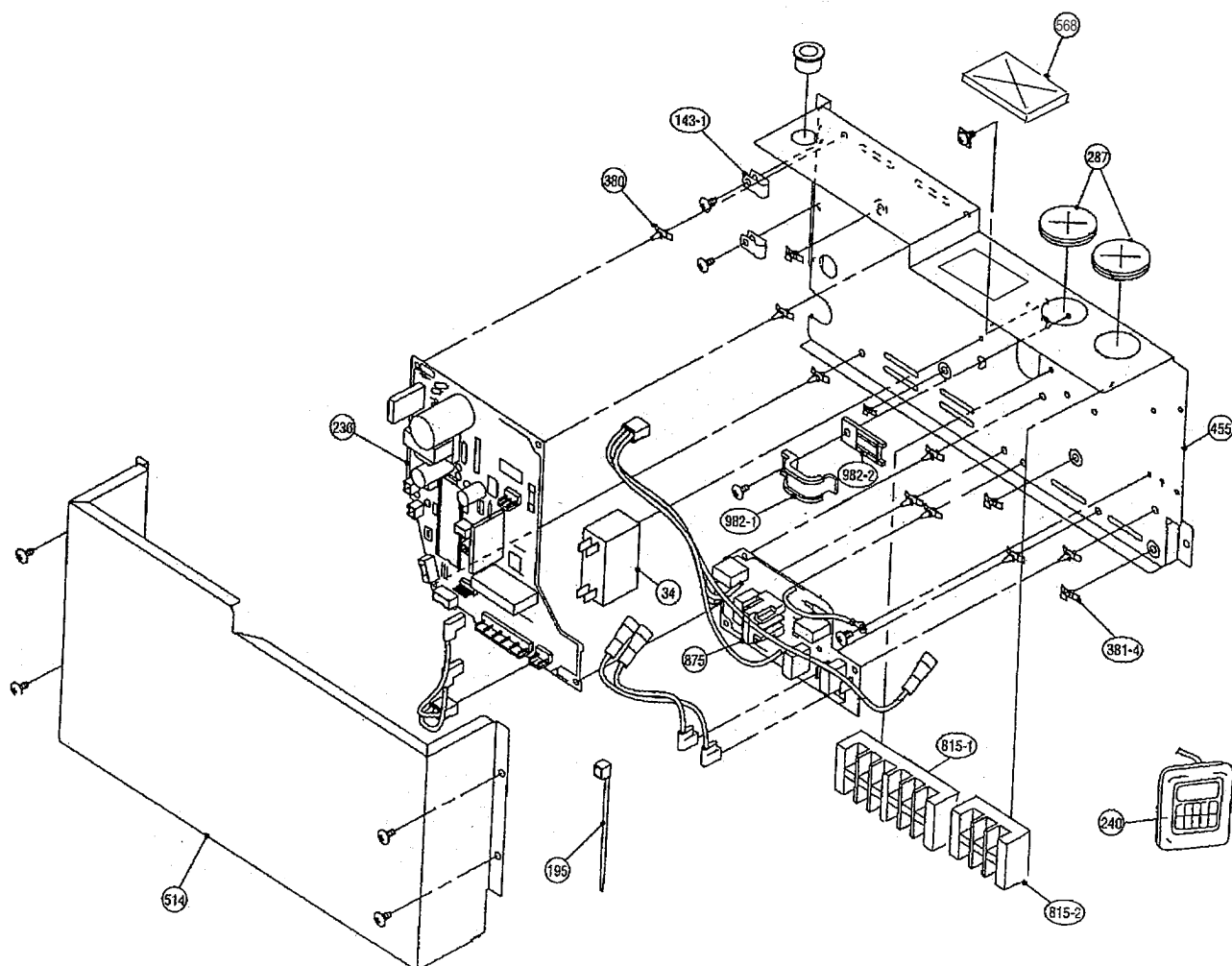
Models : RD-12FA, RD-12UA
RD-14FA, RD-14UA
RD-18FA, RD-18UA



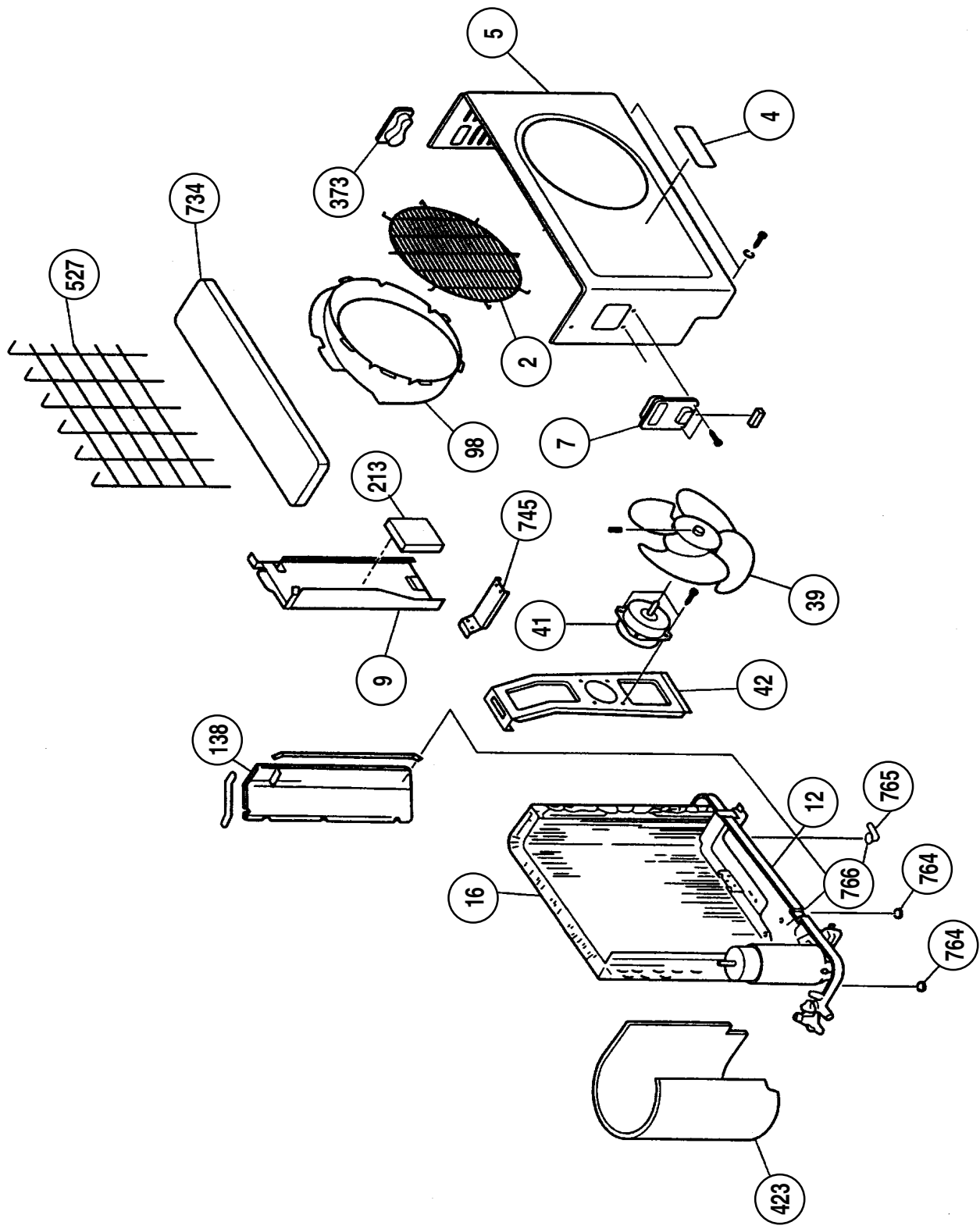
**Models : RD-12FA, RD-12UA
RD-14FA, RD-14UA
RD-18FA, RD-18UA**



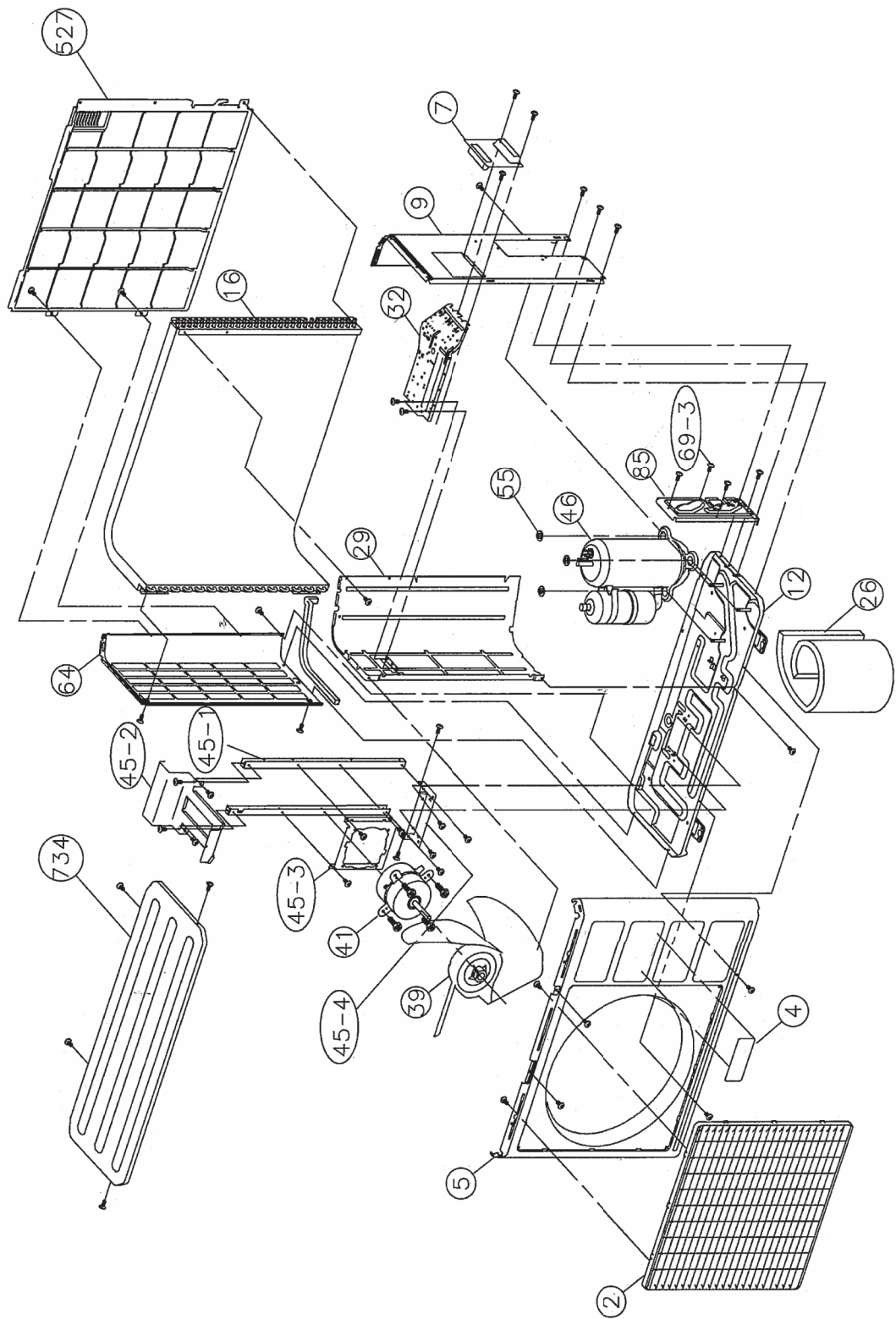
Models : RD-12FA, RD-12UA
RD-14FA, RD-14UA
RD-18FA, RD-18UA



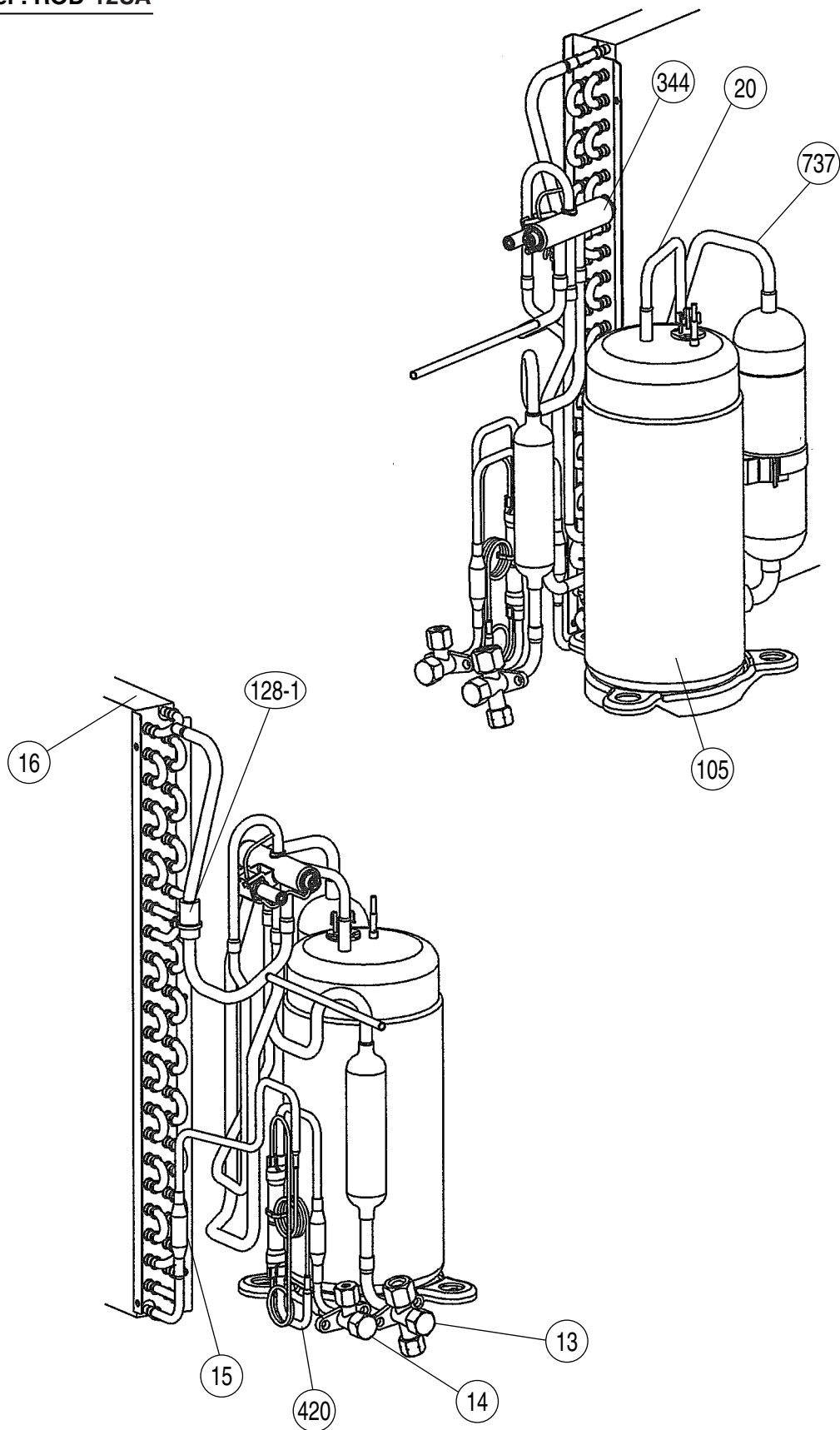
Models : ROD-12FA
ROD-12UA
ROD-14FA
ROD-14UA



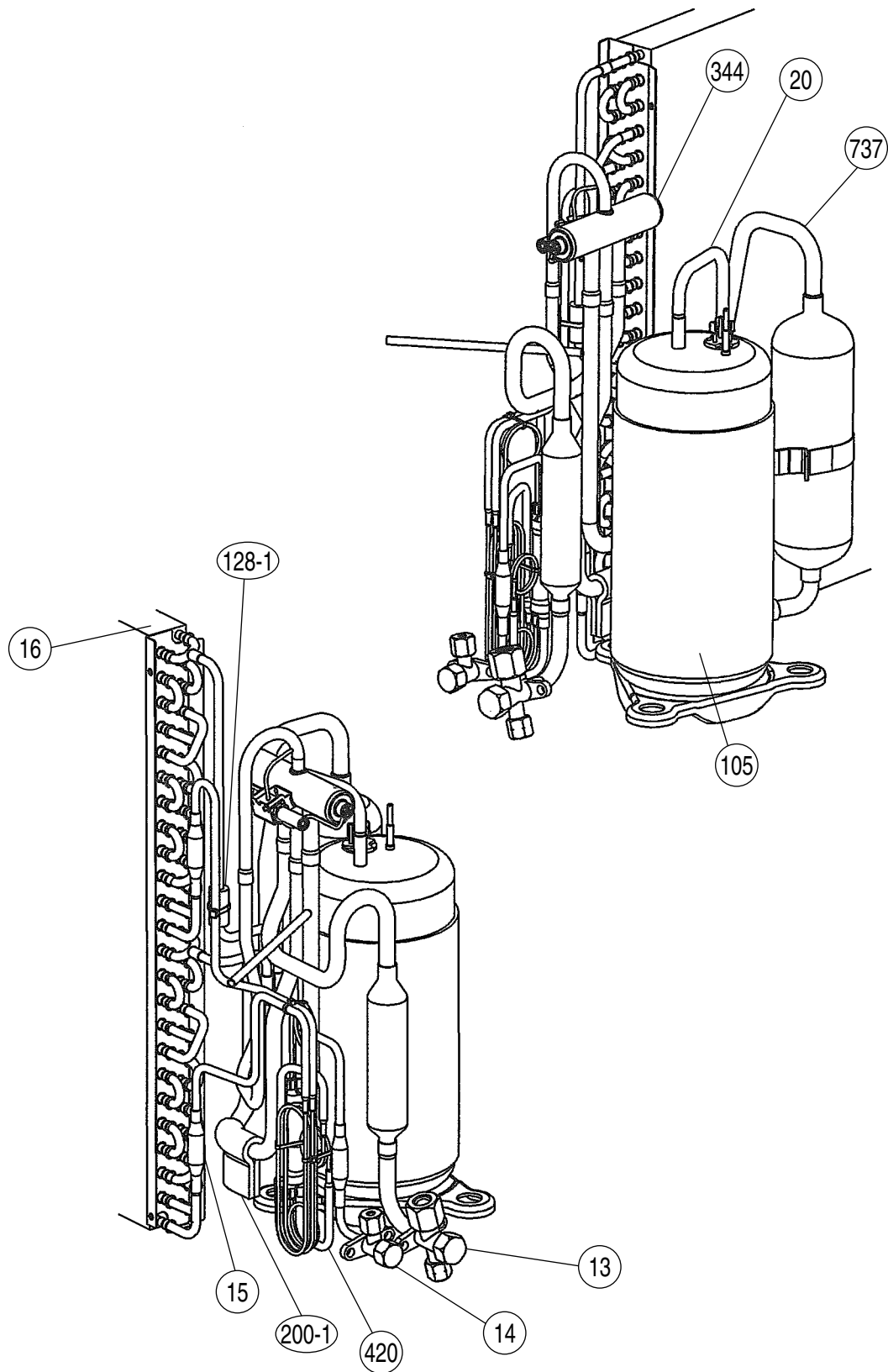
Models : ROD-18FA
ROD-18UA



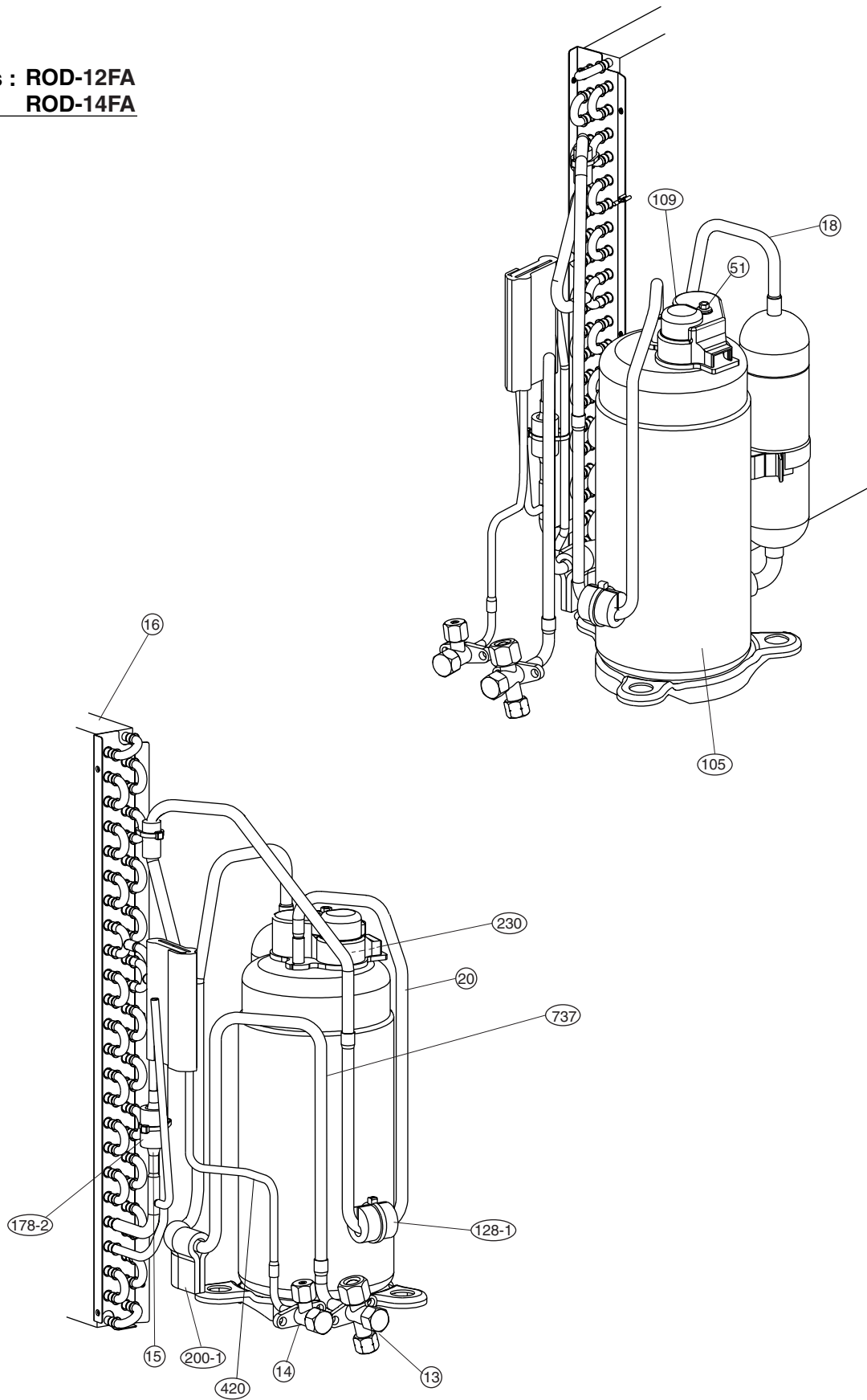
Model : ROD-12UA



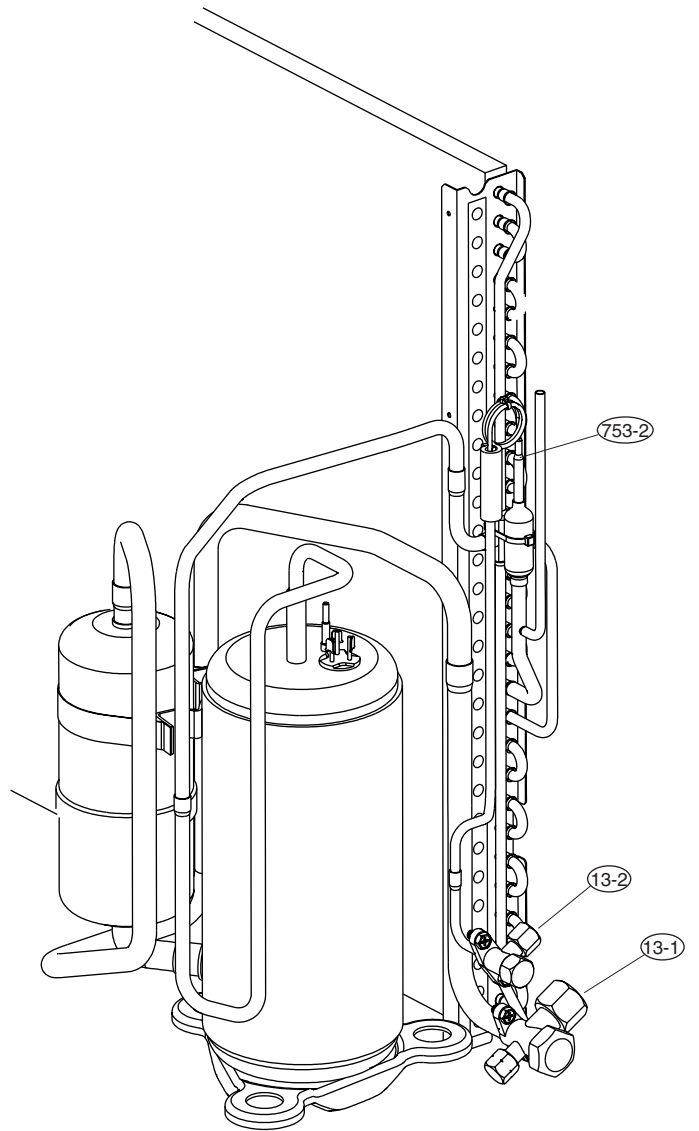
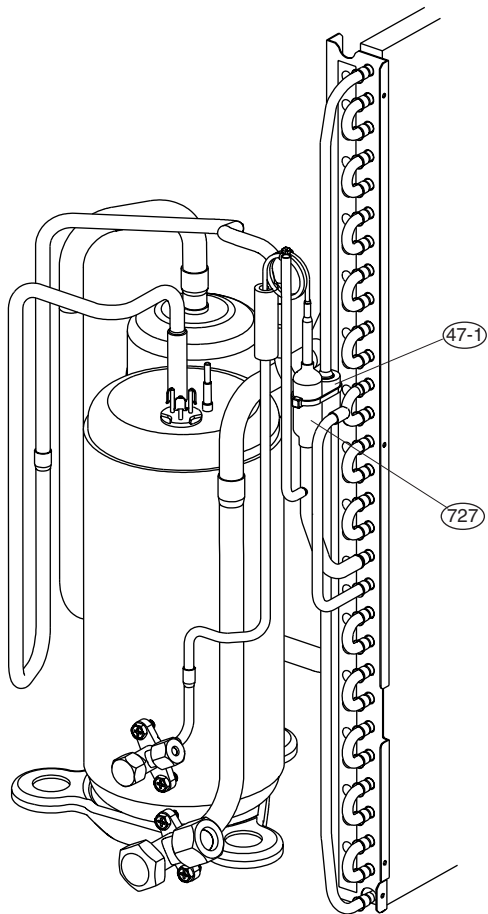
Model : ROD-14UA



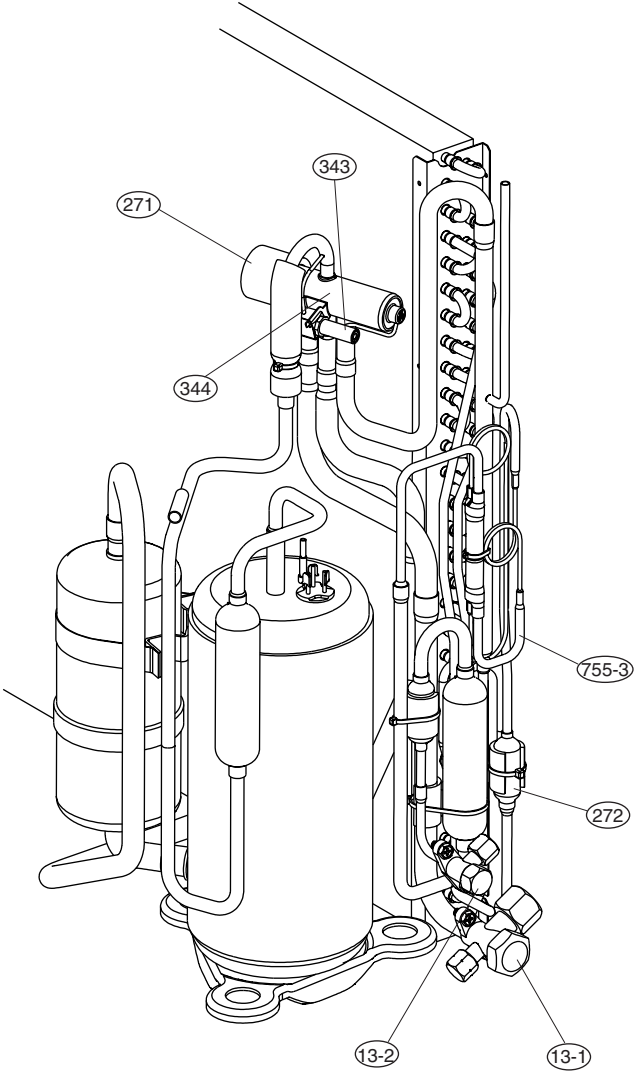
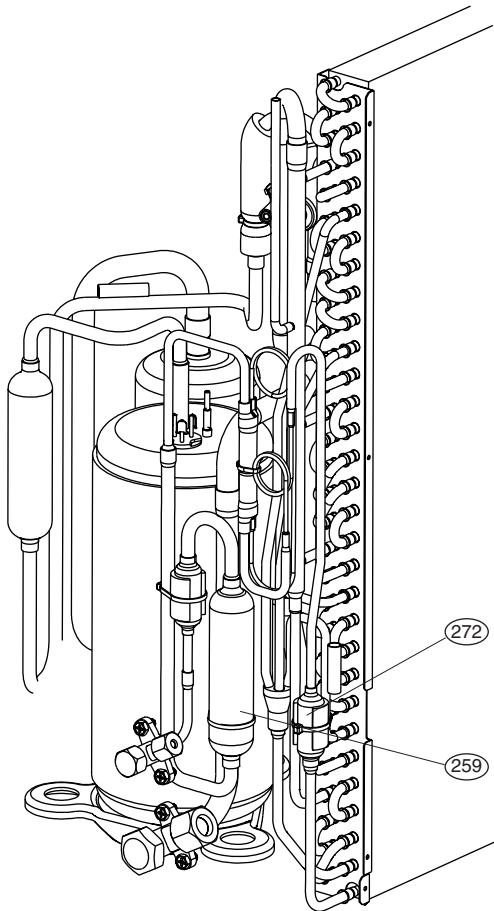
Models : ROD-12FA
ROD-14FA



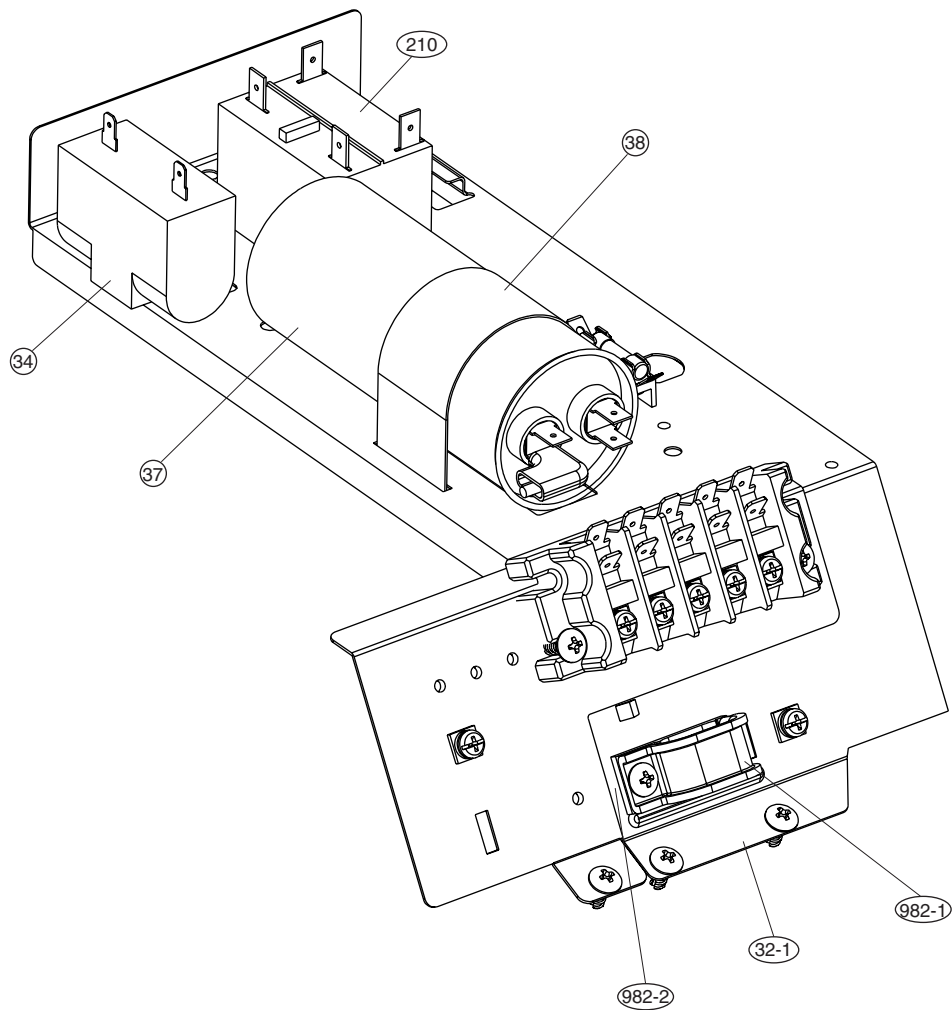
Model : ROD-18FA



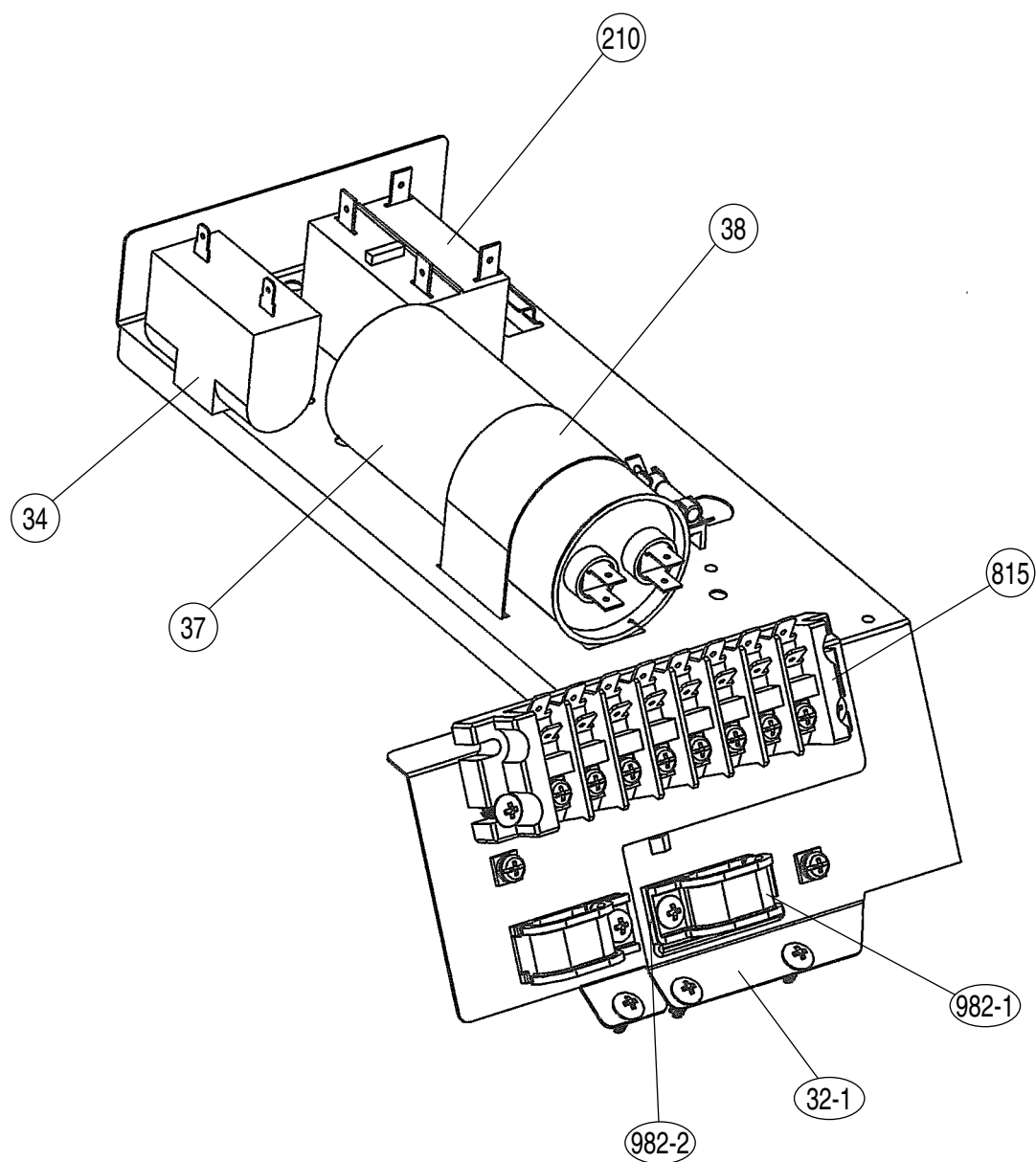
Model : ROD-18UA



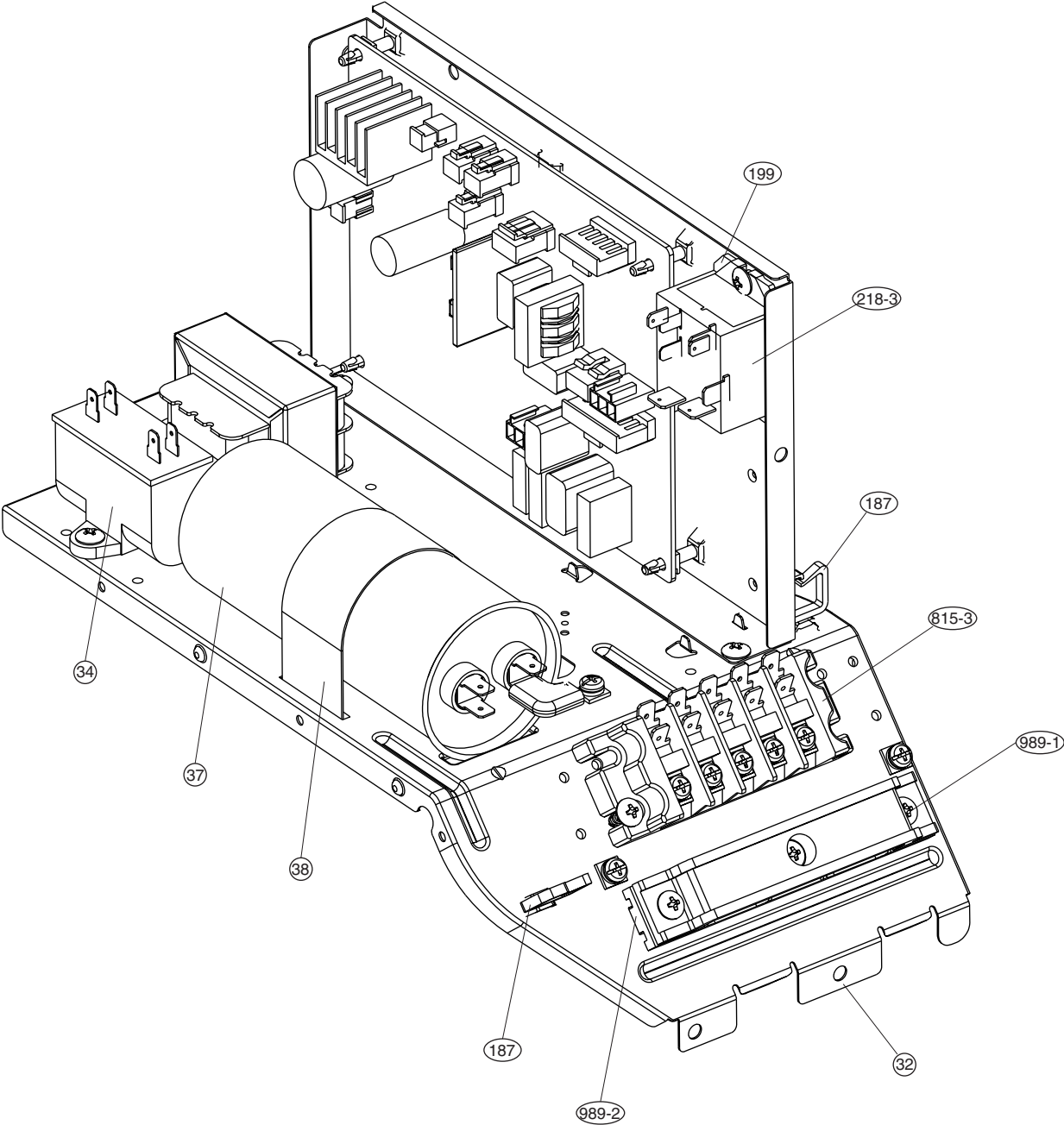
**Models : ROD-12FA
ROD-14FA
ROD-18FA**



Models : ROD-12UA
ROD-14UA



Model : ROD-18UA



PARTS LIST

INDOOR UNIT

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

Ref. No.	Description	Part No.						Ord. Q'ty
		RD-12FA	RD-12UA	RD-14FA	RD-14UA	RD-18FA	RD-18UA	
34	Capacitor (Fan Motor)	9703306044	9703306044	9703306044	9703306044	9703306044	9703306044	
56	Sirocco Fan Assy	9358621004	9358621004	9358621004	9358621004	9358621004	9358621004	
63	Front Panel Assy	9363723007	9363723007	9363723007	9363723007	9363723007	9363723007	
67	Rubber (Vibration - proof)	313659068604	313659068604	313659068604	313659068604	313659068604	313659068604	
74	Intake Panel	9366833017	9366833017	9366833017	9366833017	9366833017	9366833017	
109	Casing Assy	9363322002	9363322002	9363322002	9363322002	9363322002	9363322002	
126	Motor Fixing Table Assy	9358591000	9358591000	9358591000	9358591000	9358591000	9358591000	
138	Panel Assy (Motor)	9363401004	9363401004	9363401004	9363401004	9363401004	9363401004	
143-1	Clamp NK-3N	313361274700	313361274700	313361274700	313361274700	313361274700	313361274700	
146	Evaporator Assy	9373255024	9373255024	9373255024	9373255024	9373255017	9373255017	
147	Inlet Pipe (Eva.) Assy	9373034063	9373034063	9373034063	9373034063	9373034056	9373034056	
160	Drain Pan Assy	9364502021	9364502021	9364502021	9364502021	9364502021	9364502021	
164	Fan Motor Assy	9600778210	9600778210	9600778210	9600778210	9600778210	9600778210	
173	Hook Metal	9363195002	9363195002	9363195002	9363195002	9363195002	9363195002	
184-1	Thermo. Spring-A	313728262708	313728262708	313728262708	313728262708	313728262708	313728262708	
195	Clamp SKB-100	313361275805	313361275805	313361275805	313361275805	313361275805	313361275805	
196-2	Clamp SKB-150	313035356905	313035356905	313035356905	313035356905	313035356905	313035356905	
232	Outlet Pipe (Eva.) Assy	9373038092	9373038092	not available	not available	not available	not available	
234	Thermistor Assy-Room	9703299018	9703299018	9703299018	9703299018	9703299018	9703299018	
235	Thermistor Assy-Pipe	9703297090	9703297090	9703297090	9703297090	9703297090	9703297090	
236	Controller PCB Assy	9704557667 (EZ-00309WSE-C)	9704557636 (EZ-00321HSE-C)	9704557629 (EZ-00306WSE-C)	9704557537 (EZ-00305WSE-C)	9704557612 (EZ-00305WSE-C)	9704557544 (EZ-00307HSE-C)	
240	Remote Control Unit	9372266021	9372266014	9372266021	9372266014	9372266021	9372266014	
244	Cover (Piping)	9363327007	9363327007	9363327007	9363327007	9363327007	9363327007	
287	Cap (Power)	9352173011	9352173011	9352173011	9352173011	9352173011	9352173011	
338	Motor Fixture	9358594001	9358594001	9358594001	9358594001	9358594001	9358594001	
380	Locking Spacer	313209391403	313209391403	313209391403	313209391403	313209391403	313209391403	
381-4	Spacer	0600118075	0600118075	0600118075	0600118075	0600118075	0600118075	
455	Control Box	9366299004	9366299004	9366299004	9366299004	9366299004	9366299004	
464	Cover (Cabinet)	9363400007	9363400007	9363400007	9363400007	9363400007	9363400007	
514	Control Box Cover	9363201000	9363201000	9363201000	9363201000	9363201000	9363201000	
567	Support Plate (Eva.)	9363404005	9363404005	9363404005	9363404005	9363404005	9363404005	
568	RUBBER BUSHING	9357376004	9357376004	9357376004	9357376004	9357376004	9357376004	
588-1	Bracket Eva. R	9363199000	9363199000	9363199000	9363199000	9363199000	9363199000	
588-2	Bracket Eva. L	9363198003	9363198003	9363198003	9363198003	9363198003	9363198003	
625	Cord Bushing	9359240006	9359240006	9359240006	9359240006	9359240006	9359240006	
653-1	CUP SCREW	9385089020	9385089020	9385089020	9385089020	9385089020	9385089020	
734	Panel Top	9363504002	9363504002	9363504002	9363504002	9363504002	9363504002	
762	Side Panel-R Assy	9363507003	9363507003	9363507003	9363507003	9363507003	9363507003	
762	Side Panel-L Assy	9363505009	9363505009	9363505009	9363505009	9363505009	9363505009	
815-1	Terminal 6P	9900016036	9900016036	9900016036	9900016036	9900016036	9900016036	
815-2	Terminal 3P	9703345012	9703345012	9703345012	9703345012	9703345012	9703345012	
875	Filter PCB Assy	9704561176	9704561176	9704561176	9704561176	9704561152	9704561084	
982-1	Cord Clamp	9356857009	9356857009	9356857009	9356857009	9356857009	9356857009	
982-2	Cord Clamp-B	9356858006	9356858006	9356858006	9356858006	9356858006	9356858006	

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

OUTDOOR UNIT

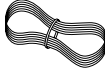
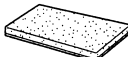
Ref. No.	Description	Part No.				Ord. Q' ty
		ROD-12FA	ROD-12UA	ROD-14FA	ROD-14UA	
2	Guard (Fan)	9304109006	9304109006	9304109006	9304109006	
4	Emblem-Rear	9361328006	9361328006	9361328006	9361328006	
5	Cabinet Painted	9302936017	9302936017	9302936017	9302936017	
7	Cover (Switch) Assy	9357970004	9357970004	9357970004	9357970004	
9	Panel (Cabinet Rear) Painted	9303744017	9303744017	9303744017	9303744017	
12	Base Assy, Painted	9310889114	9310889114	9310889114	9310889114	
13	3-Way Valve Assy	9372205020	9372205020	9372205105	9372205105	
14	2-Way Valve Assy	9372204030	9372204030	9372204030	9372204030	
15	Strainer Assy	9366602019	9366602019	9366602019	9366602019	
16	Condenser Assy	9373131045	9373131038	9373131045	9373131014	
20	Discharge Pipe Assy	not available	----	not available	----	
20	Discharge Pipe-A	----	not available	----	not available	
32-1	Control Box Metal-A	9355843003	9355843003	9355843003	9355843003	
34	Capacitor, Plastic DS401165NPQA	9900231026	9900231026	9900231026	9900231026	
37	Capacitor, Plastic DS401306CCNA	9704436122	9704436122	----	----	
37	Capacitor, Plastic DS401356CCNA	----	----	9704436139	9704436139	
38	Clamp Metal (Capacitor)	313468061808	313468061808	313468061808	313468061808	
39	Propeller Fan	9351589011	9351589011	9351589011	9351589011	
41	Motor, Induction MFB-14VTT	9601113010	----	9601113010	----	
41	Motor, Induction MFB-14NTT	----	9601113096	----	9601113096	
42	Bracket (Motor)	313166243804	313166243804	313166243804	313166243804	
51	Special Nut M5	313199233602	313199233602	313199233602	313199233602	
55	Special Nut M8	9355091008	9355091008	9355091008	9355091008	
98	Ring Fan	313166296109	313166296109	313166296109	313166296109	
105	Compressor Assy	9373010036	9373010036	9373010043	9373010043	
107	Rubber Seat (For Comp)-A	9351813017	9351813017	9351813017	9351813017	
109	Terminal Cover	9351920012	9351920012	9351920012	9351920012	
128-1	Rubber (Discharge Pipe)	313155086308	313194159807	313155086308	313185159802	
138	Separator Sub Assy	9303729014	9303729014	9303729014	----	
178-2	Capillary Holder Rubber	313394274808	----	313394274808	----	
199-1	BR Sheet	9363708080	----	9363708035	----	
200-1	BR Sheet-B	9351990022	9351990022	9351990022	9351990022	
210	Relay	9900074012	9900074012	9900074012	9900074012	
213	S-INS. B	313584258005	313584258005	313584258005	313584258005	
230	OCR Assy	9312899005	9312899005	9373129011	9373129011	
343	Solenoid	----	9900165017	----	9900165017	
344	4-Way Valve	----	9900162016	----	9970036019	
373	Grip	313166178700	313166178700	313166178700	313166178700	
412	Cover Gasket	9351921019	9351921019	9351921019	9351921019	
420	Capillary Assy	9372197233	9372197158	9372197189	9372197110	
423	Noise Insulation-F	9350944019	9350944019	9350944019	9350944019	
527	Protective Net	9355444002	9355444002	9355444002	9355444002	
734	Panel (Top) Painted	9302937014	9302937014	9302937014	9302937014	
737	Suction Pipe-A	not available	not available	not available	not available	
745	RFM (Motor)	313166036308	313166036308	313166036308	313166036308	
764	Drain Cap	----	313166024302	----	313166024302	
765	Drain Pipe (I-Type)	----	9301102000	----	9301102000	
766	Drain Packing	----	9301143003	----	9301143003	
815	Terminal-8P	----	9900203047	----	9900203047	
815-3	Terminal-5P	9900203023	----	9900203023	----	
982-1	Clamp (Cord)	9356857009	9356857009	9356857009	9356857009	
982-2	Clamp (Cord)-B	9356858006	9356858006	9356858006	9356858006	
---	Special Washer	301801155013	301801155013	301801155013	301801155013	
---	Muffler	----	9372369012	----	9372369029	

OUTDOOR UNIT

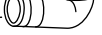
Ref. No.	Description	Part No.	Ord. Q' ty
		ROD-18FA	
2	Fan Guard	9371187013	
4	Emblem-Rear	9361328006	
5	Front Panel Painted	9371924014	
7	Cover (Switch) Assy	9366398004	
8	Wire Assy (Comp.)	9372334010	
9	Side Panel-R Painted	9371927015	
12	Base Assy, Painted	9371920054	
13-1	3-Way Valve Assy	9372205013	
13-2	2-Way Valve Assy	9372204016	
16	Condenser Assy	9372181041	
26	Compressor Cover-A	9372327012	
29	Separate Wall	9371933016	
32	Control Box	9371935010	
34	Capacitor, Plastic DS451355	9900130022	
37	Capacitor (Running)	9703107122	
38	Clamp Metal (Capacitor)	9351770013	
39	Propeller Fan Assy	9366378013	
41	Motor, Induction MFB-24JTAT	9601671046	
45	Motor Bracket	9371929019	
45-1	Motor Bracket Top	9371931012	
45-2	Motor Bracket Center	9371930015	
45-3	Motor Bracket Bottom	9371932019	
46	Compressor Assy	9372558027	
47-1	Rubber (Discharge Pipe)	313194159807	
51	Special Nut M5	9300301015	
55	Special Nut M8	9355091008	
64	Side Panel-L Painted	9371926018	
69-3	Hexagon Bolt (Cross Recessed)	301210060360	
85	Valve Plate Painted	9371928012	
107	Rubber Seat (For Comp)-A	9351049010	
109	Terminal Cover (Compressor)	9371511016	
187	Clip (Cable)	9352715006	
218-3	Relay	9900074012	
272	Strainer	9369287008	
412	Cover Gasket (Compressor)	9371512013	
527	Protective Net	9371934013	
734	Top Panel Painted	9371925011	
735-3	Capillary Assy	9372197066	
754	Gasket Washer	9351053017	
815	Terminal-5P	9900203023	
823-3	Fuse Holder	0500063024	
824-4	Fuse	0600222529	
982-1	Double Cord Clamp-A	9359822011	
982-2	Double Cord Clamp-B	9359823018	
---	M8 Projection Bolt	313497178809	
---	Connector Cover (Cabinet)	9366398004	
---	Outdoor Thermostat	9352553004	
2	Fan Guard	9371187013	
4	Emblem-Rear	9361328006	
5	Front Panel Painted	9371924014	
7	Cover (Switch) Assy	9366398004	
8	Wire Assy (Comp.)	9372334010	
9	Side Panel-R Painted	9371927015	
12	Base Assy, Painted	9371920054	
13-1	3-Way Valve Assy	9372205013	
13-2	2-Way Valve Assy	9372204016	
16	Condenser Assy	9372181034	
26	Compressor Cover-A	9372327012	
29	Separate Wall	9371933023	
32	Control Box	9371935010	
---	Control Box-B	9371936017	
34	Capacitor, Plastic DS451355BPQA	9703306051	
37	Capacitor (Running)	9703107122	
38	Clamp Metal (Capacitor)	9351770013	
39	Propeller Fan Assy	9366378013	
41	Motor, Induction MFB-24JTAT	9601671046	
45	Motor Bracket	9371929019	
45-1	Motor Bracket Top	9371931012	
45-2	Motor Bracket Center	9371930015	
45-3	Motor Bracket Bottom	9371932019	
46	Compressor Assy	9372558027	
51	Special Nut M5	9300301015	
55	Special Nut M8	9355091008	
64	Side Panel-L Painted	9371926018	
69-3	Hexagon Bolt (Cross Recessed)	301210060360	
85	Valve Plate Painted	9371928012	
107	Rubber Seat (For Comp)-A	9351049010	
109	Terminal Cover (Compressor)	9371511016	
187	Clip (Cable)	9352715006	
199	BR Sheet	9363708059	
218-3	Main Relay	9356781007	
236	Controller PCB Assy	9704299055	
---	Receiver Tank Sub Assy	9372320013	
259	Muffler	9372369012	
271	Rubber (4-Way Valve)	313728251908	
272	Strainer	9369287008	
343	Solenoid	9900165024	
344	4-Way Valve	9970036019	
412	Cover Gasket (Compressor)	9371512013	
527	Protective Net	9371934013	
734	Top Panel Painted	9371925011	
735-3	Capillary Assy	9372197127	
754	Gasket Washer	9351053017	
815	Terminal-5P	9900203023	
823-3	Fuse Holder	0500158072	
824-4	Fuse	0600222512	
982-1	Double Cord Clamp-A	9359822011	
982-2	Double Cord Clamp-B	9359823018	
---	Transformer, Power	9900039011	
---	Heat Exchanger Thermistor	9900043032	
---	Discharge Temp. Thermistor	9900038014	
---	Outdoor Temp. Thermistor	9900037031	
---	Thermistor Spring-A	313728262708	

STANDARD ACCESSORIES

INDOOR UNIT ACCESSORIES

Name and Shape	Q'ty	Application	Part No.
Installation template 	1	For positioning the indoor unit	9364225005
Hanger 	4	For suspending the indoor unit from ceiling	9363195002
Tapping screw (φ 4 x 10) 	8	For installing the hanger	301171164104
Special nut A (large flange) 	4	For suspending the indoor unit from ceiling	313005446653
Special nut B (small flange) 	4		313005446759
Coupler heat insulation (large) 	1	For indoor side pipe joint (large pipe)	9350716029
Coupler heat insulation (small) 	1	For indoor side pipe joint (small pipe)	9352766015
Binder 	(Small) 1	For remote controller and remote controller cord binding	313361275805
	(Large) 4	For fixing the coupler heat insulation	312300787605
Remote controller 	1	Cooling model	9372266021
		Heat & Cooling model	9372266014
Remote controller cord 	1	For connecting the remote controller	9372714010
Tapping screw (φ 4 x 16) 	2	For installing the remote controller	0700181108
Filter 	3	12000, 14000, and 18000 BTU/h models	9366833017
Drain hose insulation 	1	Insulates the drain hose and vinyl hose connection	313806217708

OUTDOOR UNIT ACCESSORIES

Name and Shape	Q'ty	Application	Part No.
Drain pipe packing 	1	For outdoor unit drain piping work [Heat & Cool model (Reverse cycle) only]	9301143003
Drain pipe 	1		9301102000
Cap (drain) 	12000 and 14000 BTU/h models 2		313166024302
	18000 BTU/h models 1		

Thermistor resistance values <Indoor unit side>

1) Room temperature thermistor (TH_{IA})

Room temperature (°C)	0	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30
Resistance value (kΩ)	33.6	29.5	25.9	22.8	20.2	17.9	15.8	14.1	12.5	11.2	10.0	9.0	8.0

Room temperature (°C)	32.5	35	37.5	40	42.5	45	47.5	50
Resistance value (kΩ)	7.2	6.5	5.9	5.3	4.8	4.3	3.9	3.6

2) Indoor heat exchanger temperature thermistor (TH_{HM}, TH_{HI})

Heat exchanger temperature (°C)	0	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30
Resistance value (kΩ)	176.0	153.5	134.2	117.6	103.3	91.0	80.3	71.0	62.9	55.9	49.7	44.3	39.6

Heat exchanger temperature (°C)	32.5	35	37.5	40	42.5	45	47.5	50	52.5	55	57.5	60
Resistance value (kΩ)	35.4	31.7	28.5	25.6	23.1	20.8	18.8	17.1	15.5	14.1	12.8	11.6

