



**SPLIT TYPE AIR
CONDITIONER (50Hz)
DUCT type**

**SERVICE
MANUAL**

Models	Indoor unit	Outdoor unit
	ARY36ALA3	AOY36ACA3L
	ARY36ALB3	
	ARY36RLA3	AOY36RCB3L
	ARY36RLB3	
	ARY45ALA3	AOY45ACA3L
	ARY45ALB3	
	ARY45RLA3	AOY45RCB3L
	ARY45RLB3	

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SPECIFICATIONS

INDOOR UNIT	ARY36ALA3 ARY36ALB3	ARY36RLA3 ARY36RLB3	ARY45ALA3 ARY45ALB3	ARY45RLA3 ARY45RLB3
OUTDOOR UNIT	ADY36ACA3L	ADY36RCB3L	ADY45ACA3L	ADY45RCB3L
COOLING CAPACITY (kW)	10.3 - 10.5	10.3 - 10.5	12.4 - 12.7	12.4 - 12.7
HEATING CAPACITY (kW)	—	10.5 - 10.7	—	13.4 - 13.7

ELECTRICAL SPECIFICATIONS

POWER SUPPLY (V)	380 - 415	380 - 415	380 - 415	380 - 415
FREQUENCY (Hz)	50	50	50	50
RUNNING CURRENT (A)	COOLING	6.4 - 6.4	6.6 - 6.6	7.50 - 7.50
	HEATING	—	6.1 - 5.8	—
INPUT (kW)	COOLING	3.73 - 3.80	3.88 - 3.95	4.45 - 4.57
	HEATING	—	3.18 - 3.25	—
EER (kW/kW)	COOLING	2.76 - 2.76	2.65 - 2.66	2.79 - 2.78
	HEATING	—	3.30 - 3.29	—
MOISTURE REMOVAL (L/hr)	5.0	5.0	6.0	6.0
AIR CIRCULATION-HI (m ³ /hr)	2,000	2,000	2,200	2,200

COMPRESSOR

TYPE	Hermetic type, 2 pole, 3 - phase, Induction motor			
CODE	CRLQ-0350-TFD		CRPQ-0450-TFD	

FAN MOTOR	ARY36ALA3 ARY36ALB3	ARY36RLA3 ARY36RLB3	ARY45ALA3 ARY45ALB3	ARY45RLA3 ARY45RLB3	ADY36ACA3L	ADY36RCB3L	ADY45ACA3L	ADY45RCB3L
POWER SUPPLY (V)	380 - 415		380 - 415		380 - 415			
HI-SPEED (r.p.m.)	1,280		1,320		790			
MED-SPEED (r.p.m.)	1,200		1,270		—			
LO-SPEED (r.p.m.)	1,130		1,200		510			

DIMENSIONS

HEIGHT (mm)	270		1,152	
WIDTH (mm)	1,210		940	
DEPTH (mm)	700		370	

WEIGHT

GROSS WEIGHT (kg)	60		108	110	116	122
NET WEIGHT (kg)	45		94	96	102	108

REFRIGERANT CHARGING

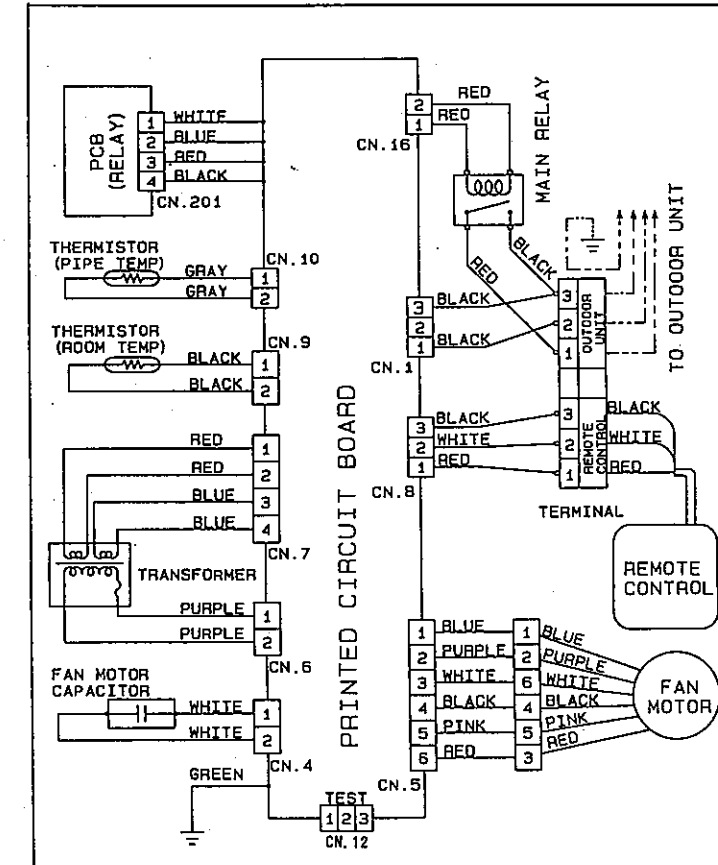
PIPE LENGTH	5 m(16 ft)	10 m(33 ft)	20 m(66 ft)	30 m(99 ft)	40 m(132 ft)	50 m(164 ft)
FULL CHARGE AMOUNT	ARY36ALA3 ARY36ALB3	2,150g(75.8 oz.)	2,285g(80.6 oz.)	2,555g(90.1 oz.)	2,825g(99.6 oz.)	3,095g(109.2oz.)
	ARY36RLA3 ARY36RLB3	2,800g(98.8 oz.)		3,200g(112.9oz.)	3,600g(127.0oz.)	4,000g(141.1oz.)
	ARY45ALA3 ARY45ALB3	3,150g(111.1 oz.)		3,550g(125.2oz.)	3,950g(139.3oz.)	4,350g(153.4oz.)
	ARY45RLA3 ARY45RLB3	3,400g(119.9 oz.)		3,800g(134.0oz.)	4,200g(148.2oz.)	4,600g(162.3oz.)

Note : - Between 5 m and 50 m, when using a connection pipe other than that in the table, charge additional refrigerant with 27 g(0.95 oz.)/1 m(3.3 ft) for 36A Model, 40 g(1.41 oz.)/1 m(3.3 ft) for 36R, 45A, 45R Models as the criteria.
- The above list shows values at the external static pressure of 10 mm Aq.(98 Pa.)

CIRCUIT DIAGRAM

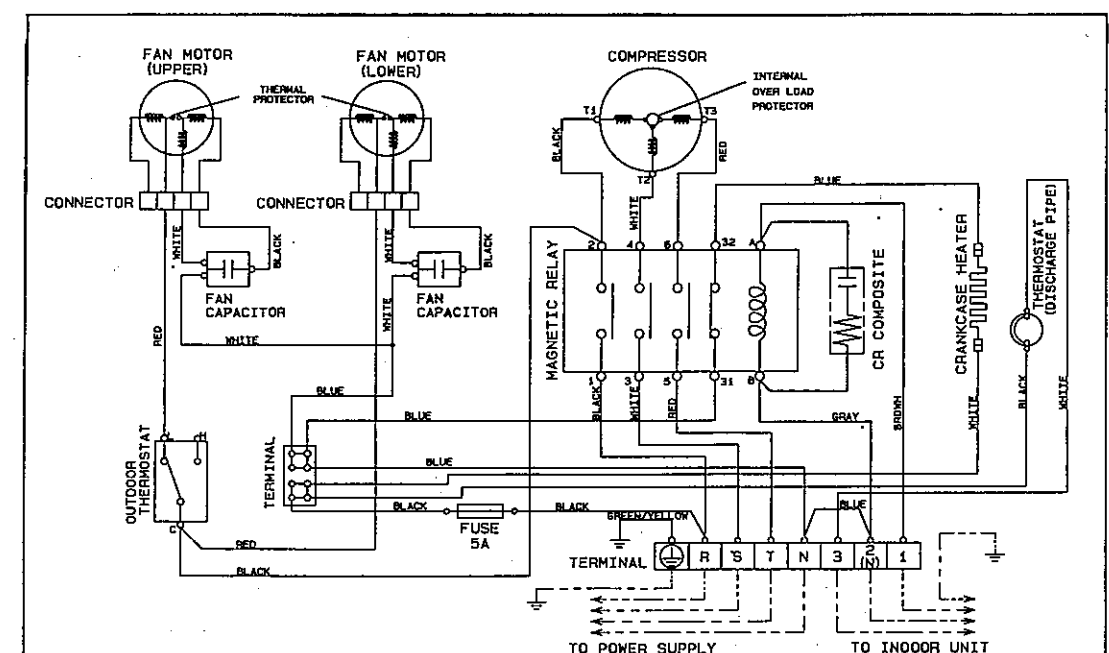
Models : ARY36ALA3, ARY36ALB3/ADY36ACA3L
ARY45ALA3, ARY45ALB3/ADY45ACA3L

INDOOR UNIT



	ARY36ALA3 ARY36ALB3	ARY45ALA3 ARY45ALB3
FAN MOTOR CAPACITOR	10.0 μF	15.0 μF

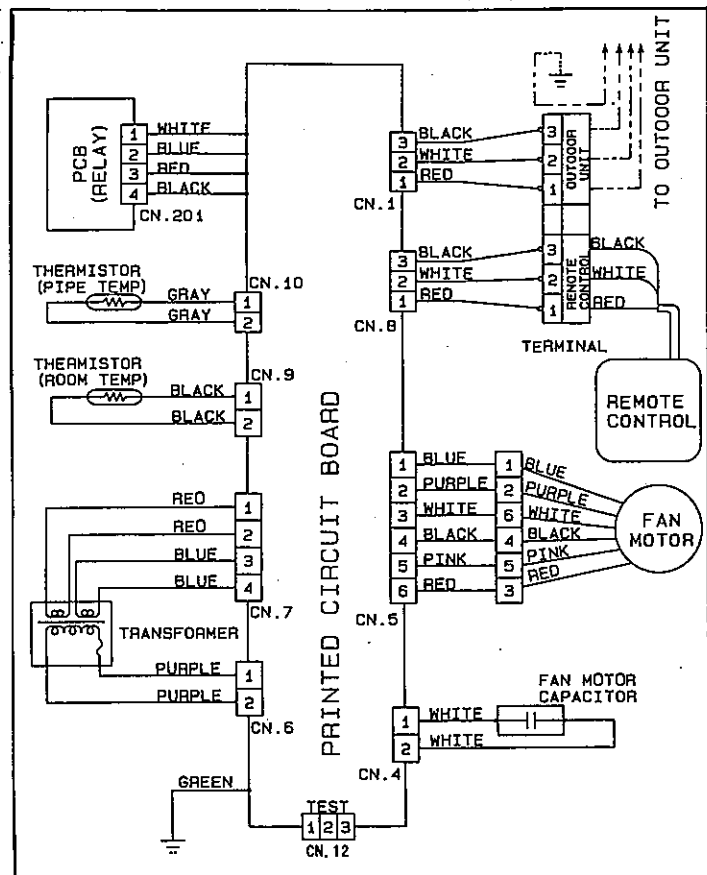
OUTDOOR UNIT



FAN MOTOR CAPACITOR	3.5 μF
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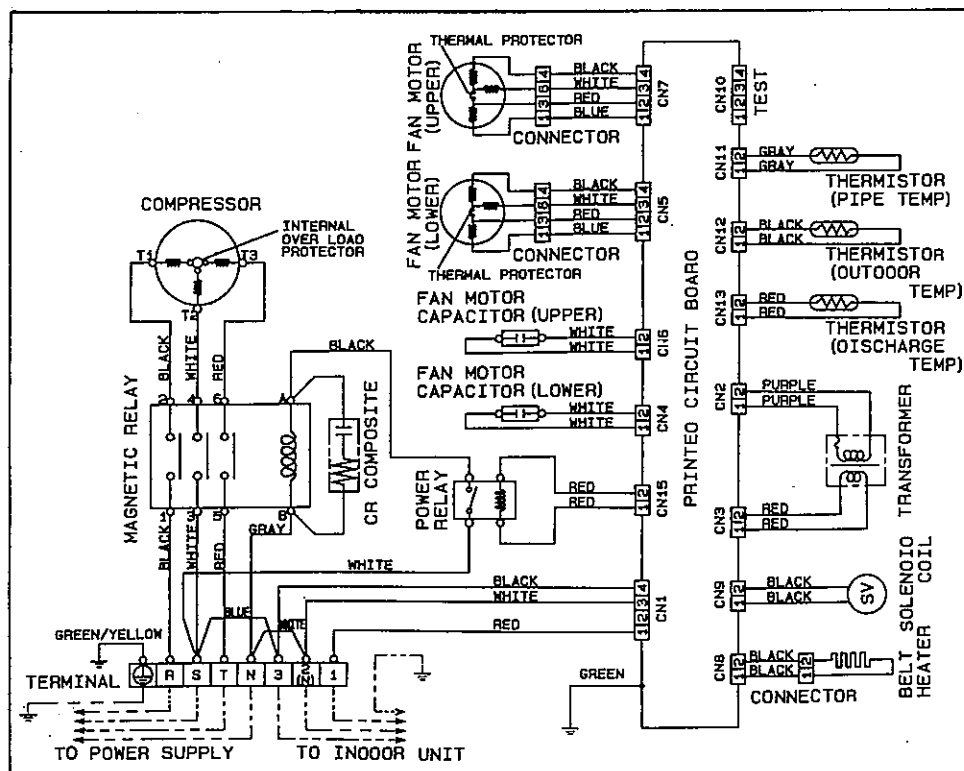
Models : ARY36RLA3, ARY36RLB3/AOY36RCB3L
ARY45RLA3, ARY45RLB3/AOY45RCB3L

INDOOR UNIT



	ARY36RLA3	ARY45RLA3
	ARY36RLB3	ARY45RLB3
FAN MOTOR CAPACITOR	10.0 μF	15.0 μF

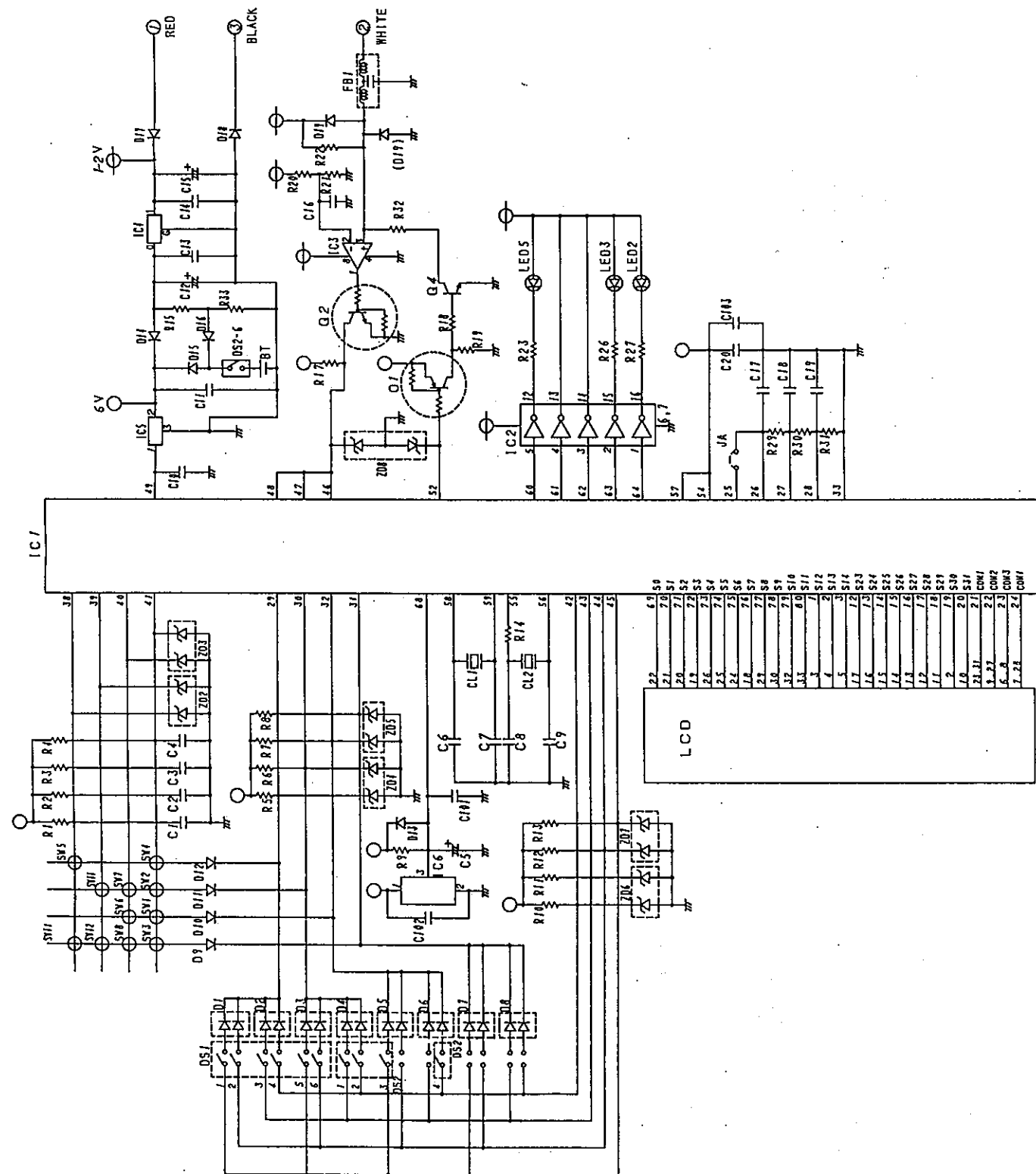
OUTDOOR
UNIT



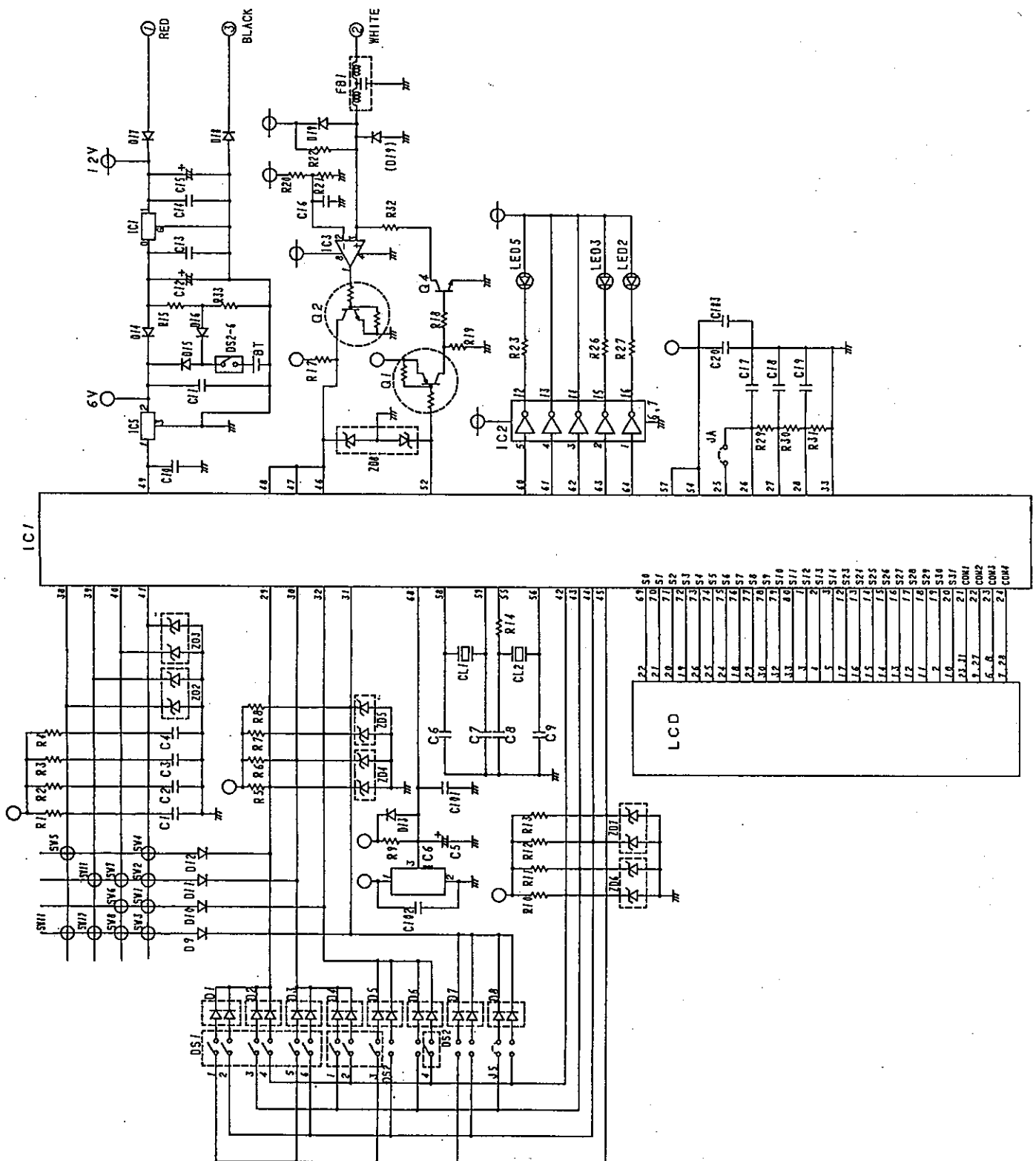
FAN MOTOR CAPACITOR	3.5 μ F
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REMOTE CONTROLLER CIRCUIT DIAGRAM

Models : ARY36ALA3, ARY36ALB3
ARY45ALA3, ARY45ALB3



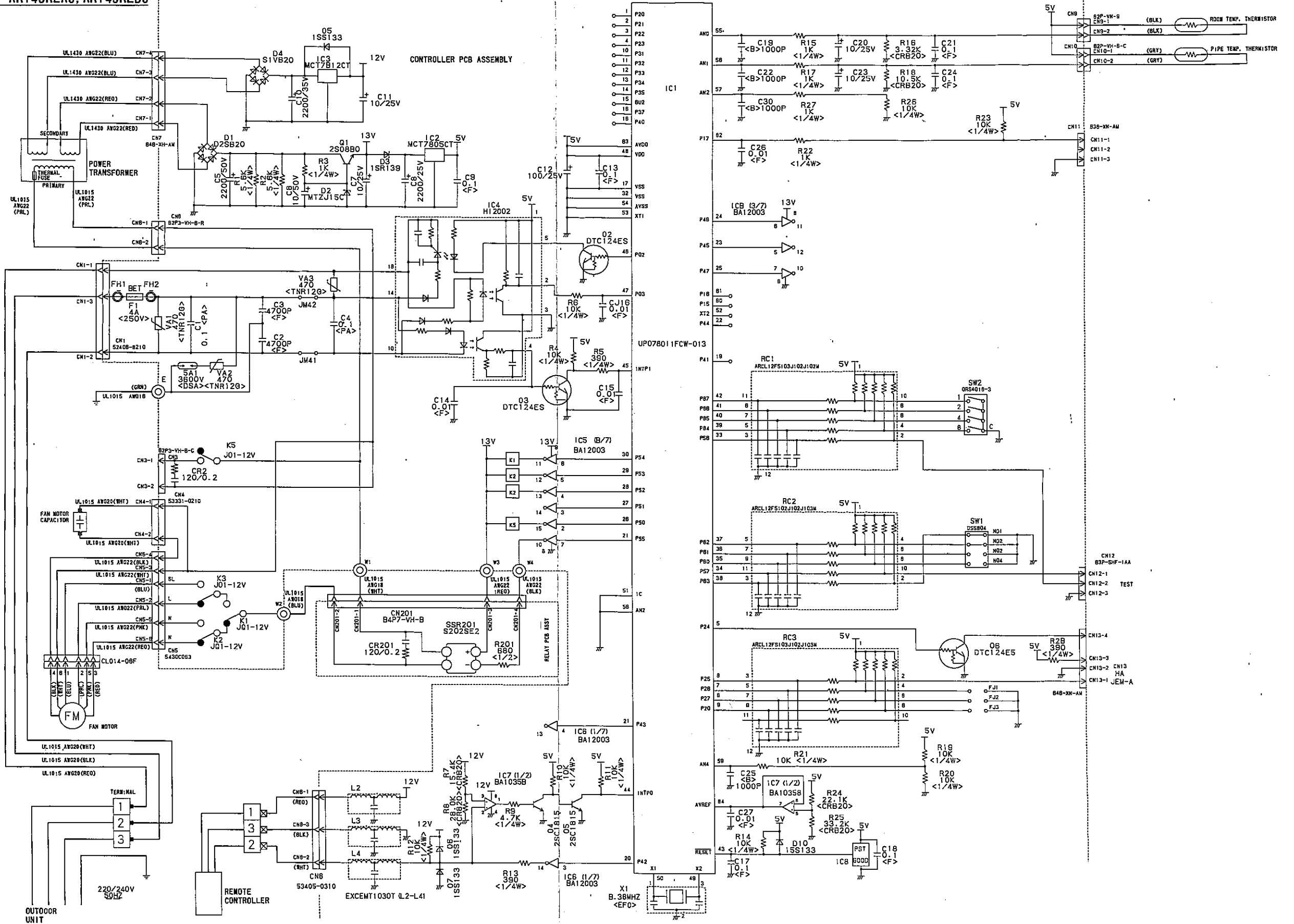
Models : ARY36RLA3, ARY36RLB3
ARY45RLA3, ARY45RLB3



INDOOR PRINTED CIRCUIT BOARD
CIRCUIT DIAGRAM

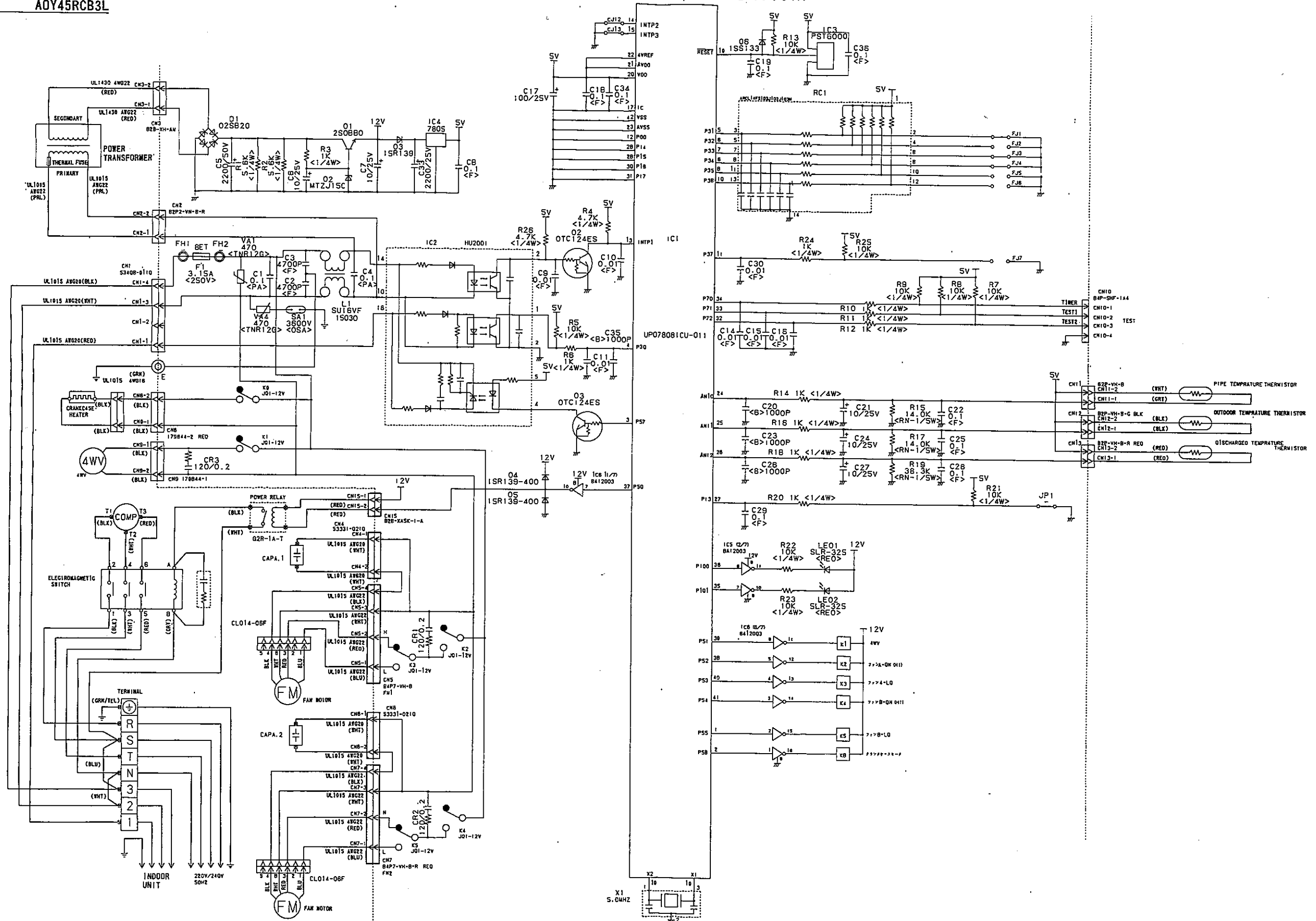


Models : ARY36RLA3, ARY36RLB3
ARY45RLA3, ARY45RLB3



Models : AOY36RCB3L
AOY45RCB3L

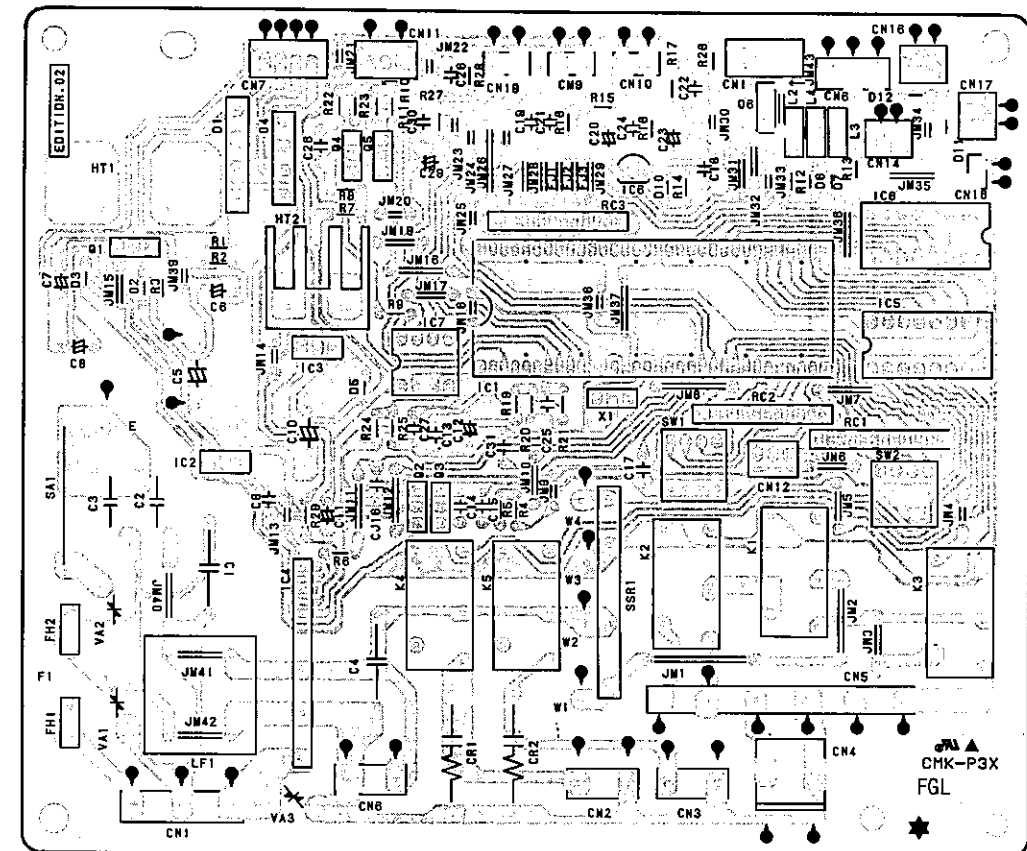
OUTDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM



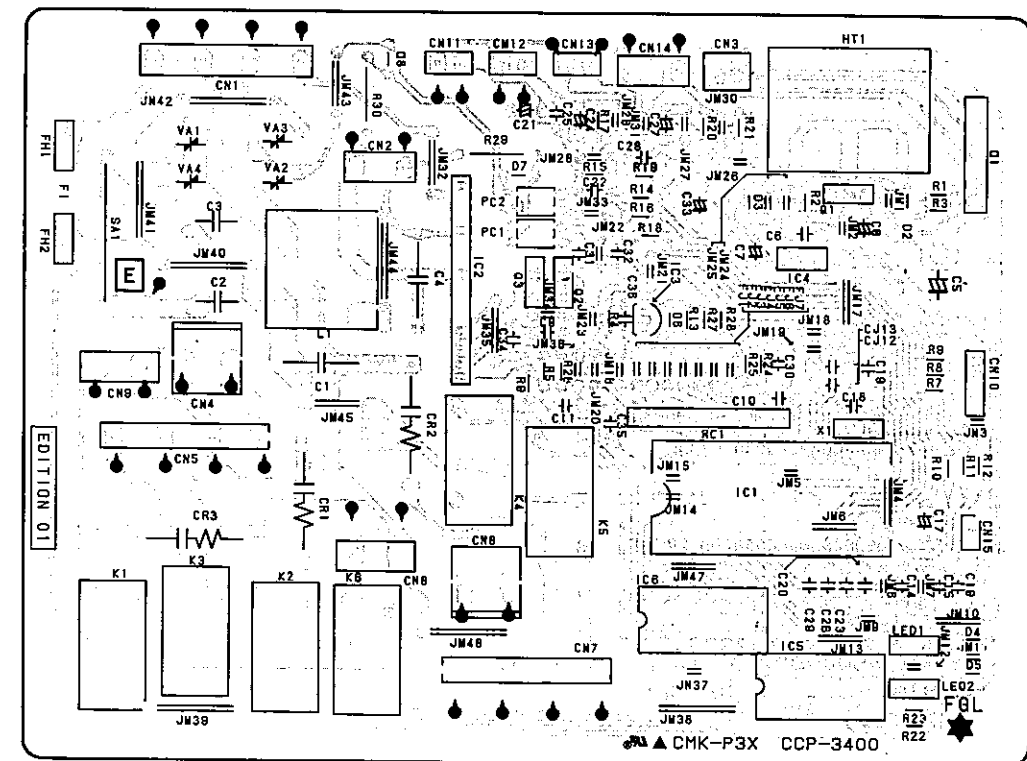
P. C. BOARD LAYOUTS

INDOOR UNIT

(Viewed from the solder side)

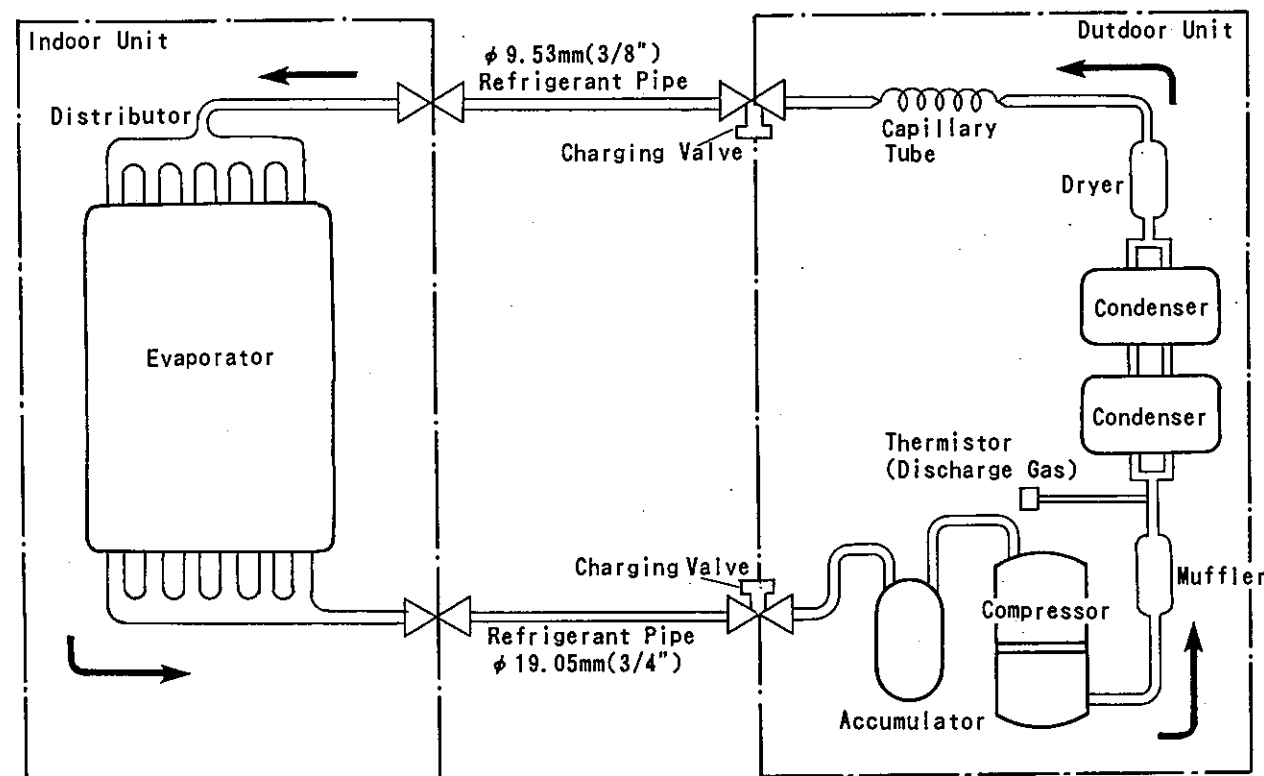


OUTDOOR UNIT

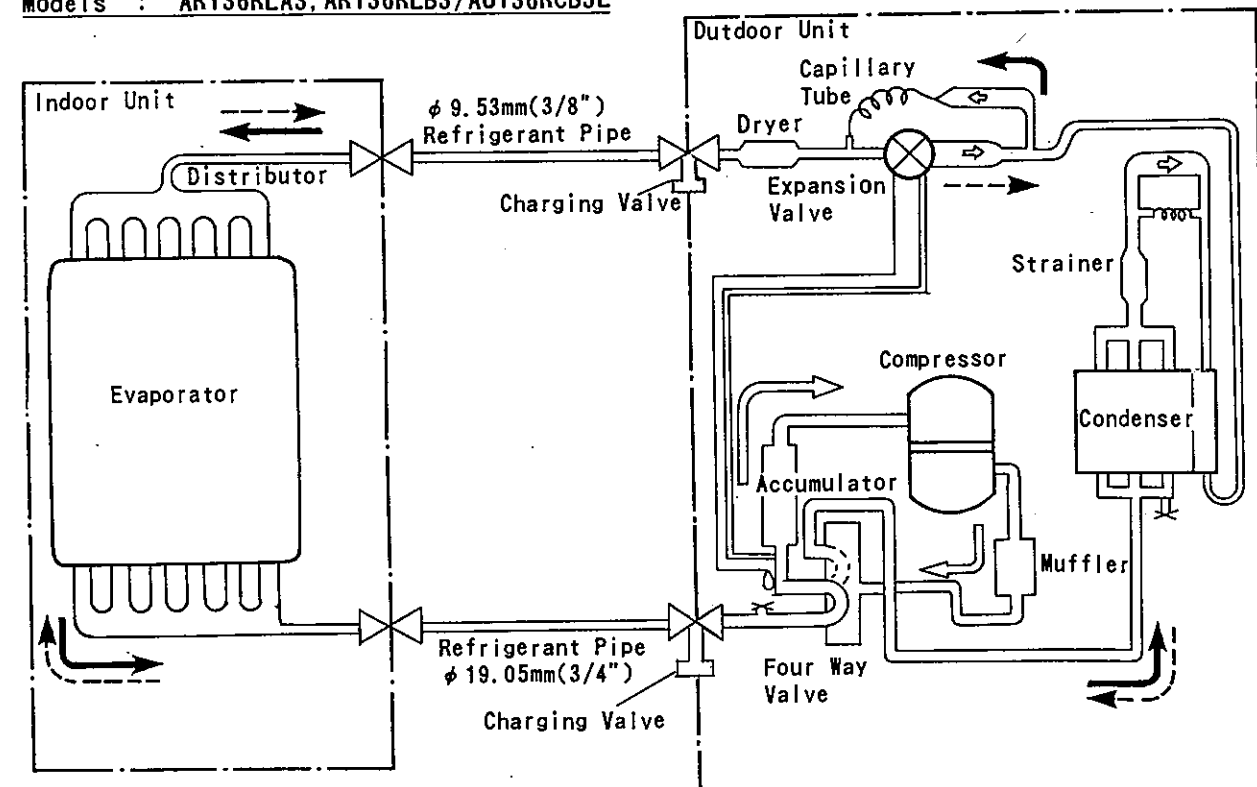


REFRIGERANT SYSTEM DIAGRAM

Models : ARY36ALA3, ARY36ALB3/AOY36ACA3L



Models : ARY36RLA3, ARY36RLB3/AOY36RCB3L

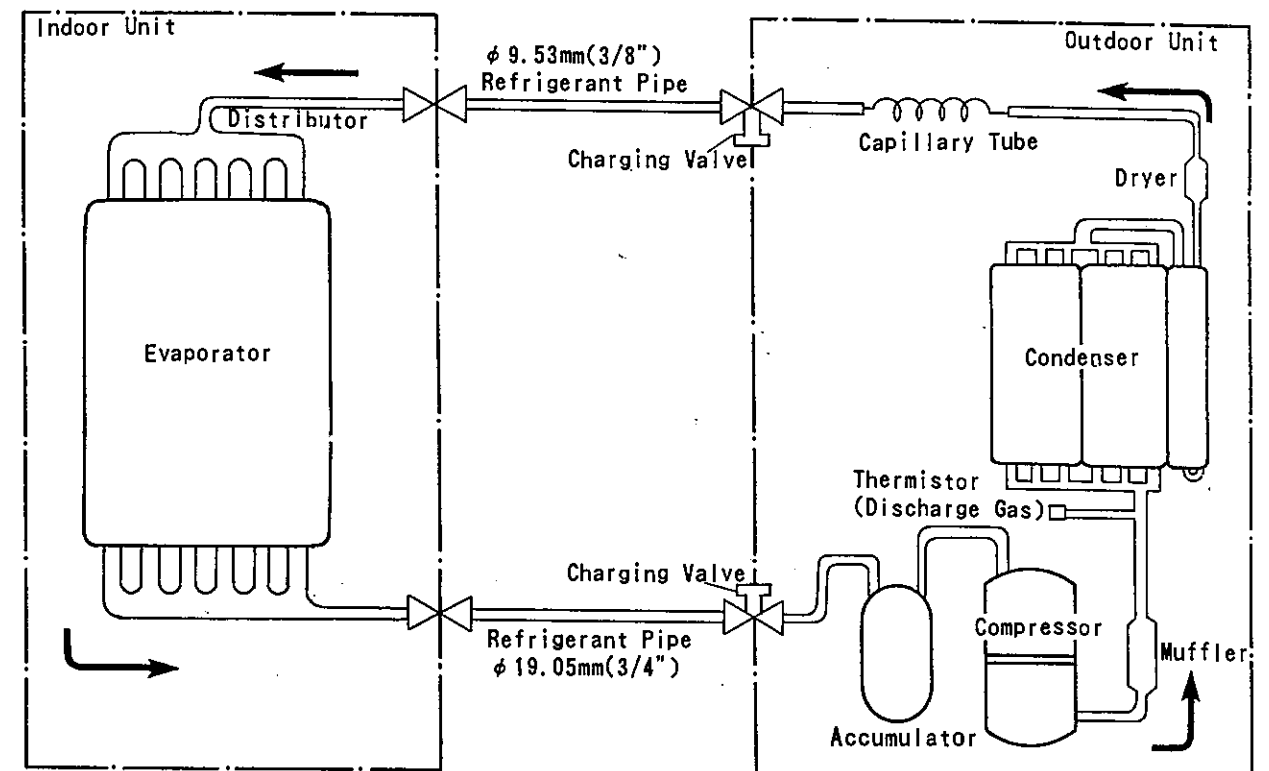


⊗ : Flare coupling

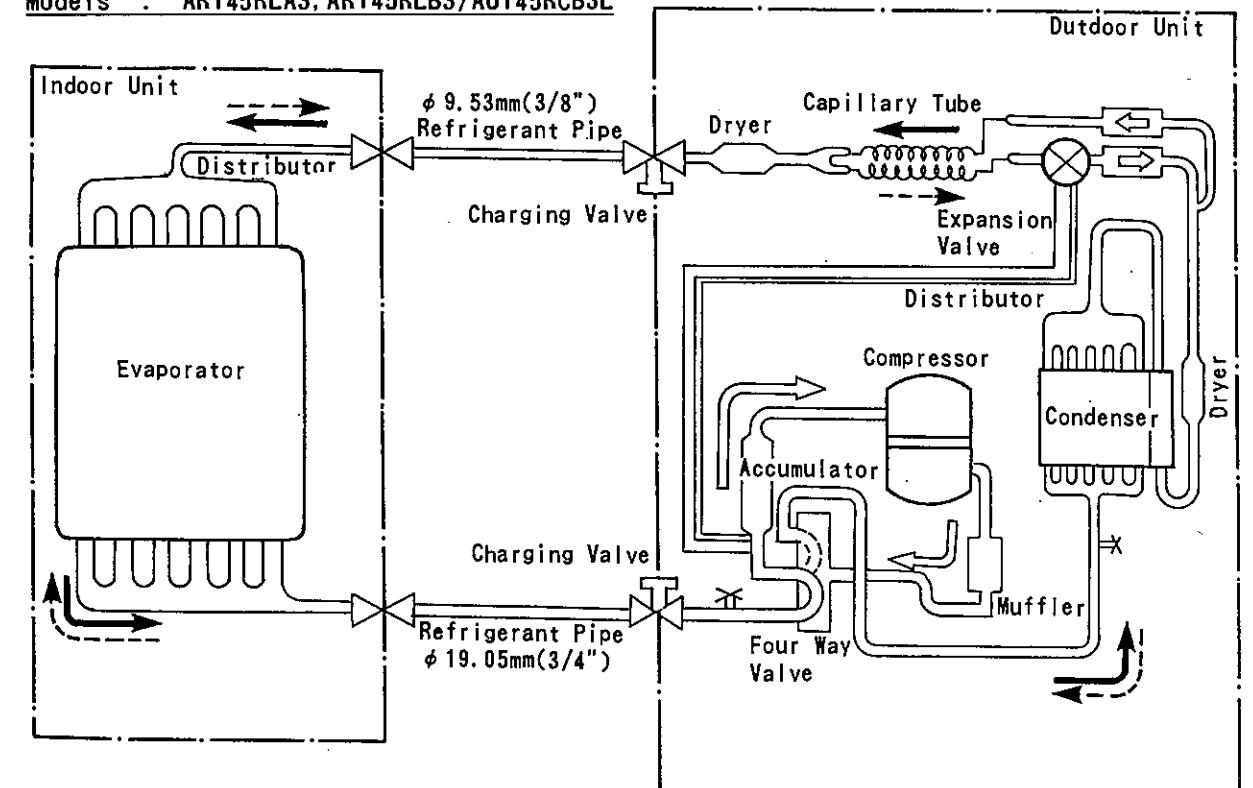
→ : Cooling

- - - - - : Heating

Models : ARY45ALA3, ARY45ALB3/AOY45ACA3L



Models : ARY45RLA3, ARY45RLB3/AOY45RCB3L



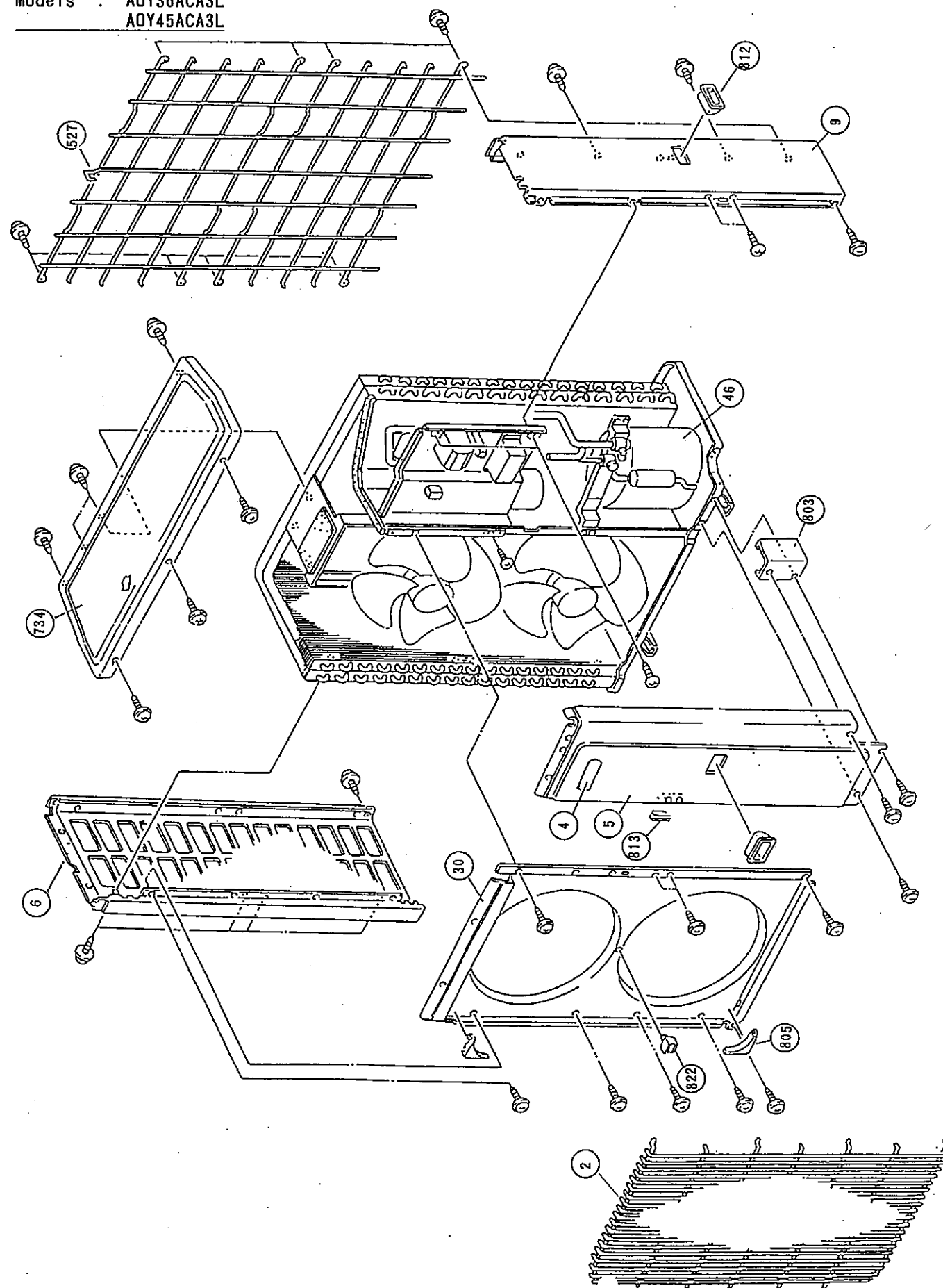
⊗ : Flare Coupling

→ : Cooling

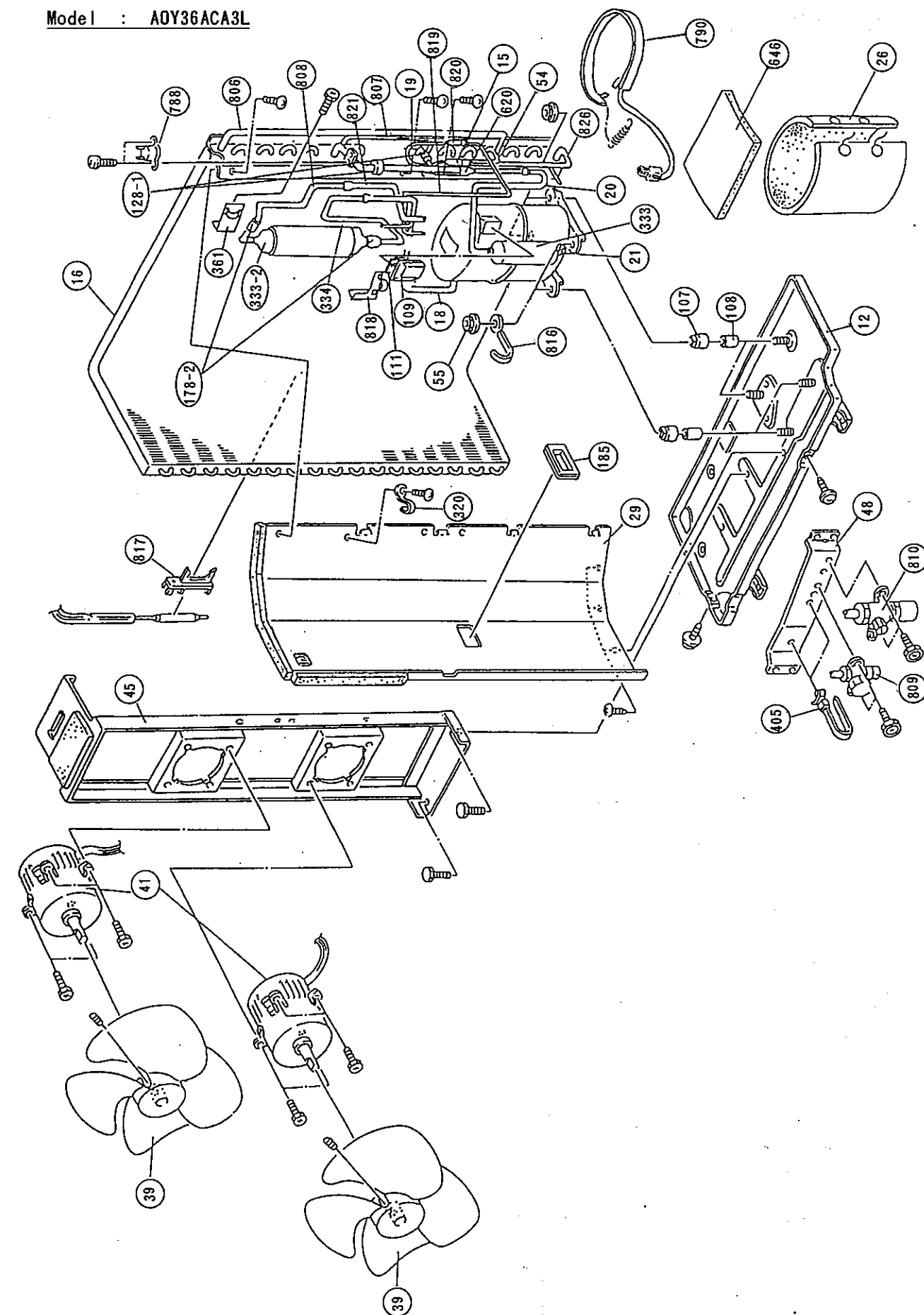
- - - - - : Heating

DISASSEMBLY ILLUSTRATION

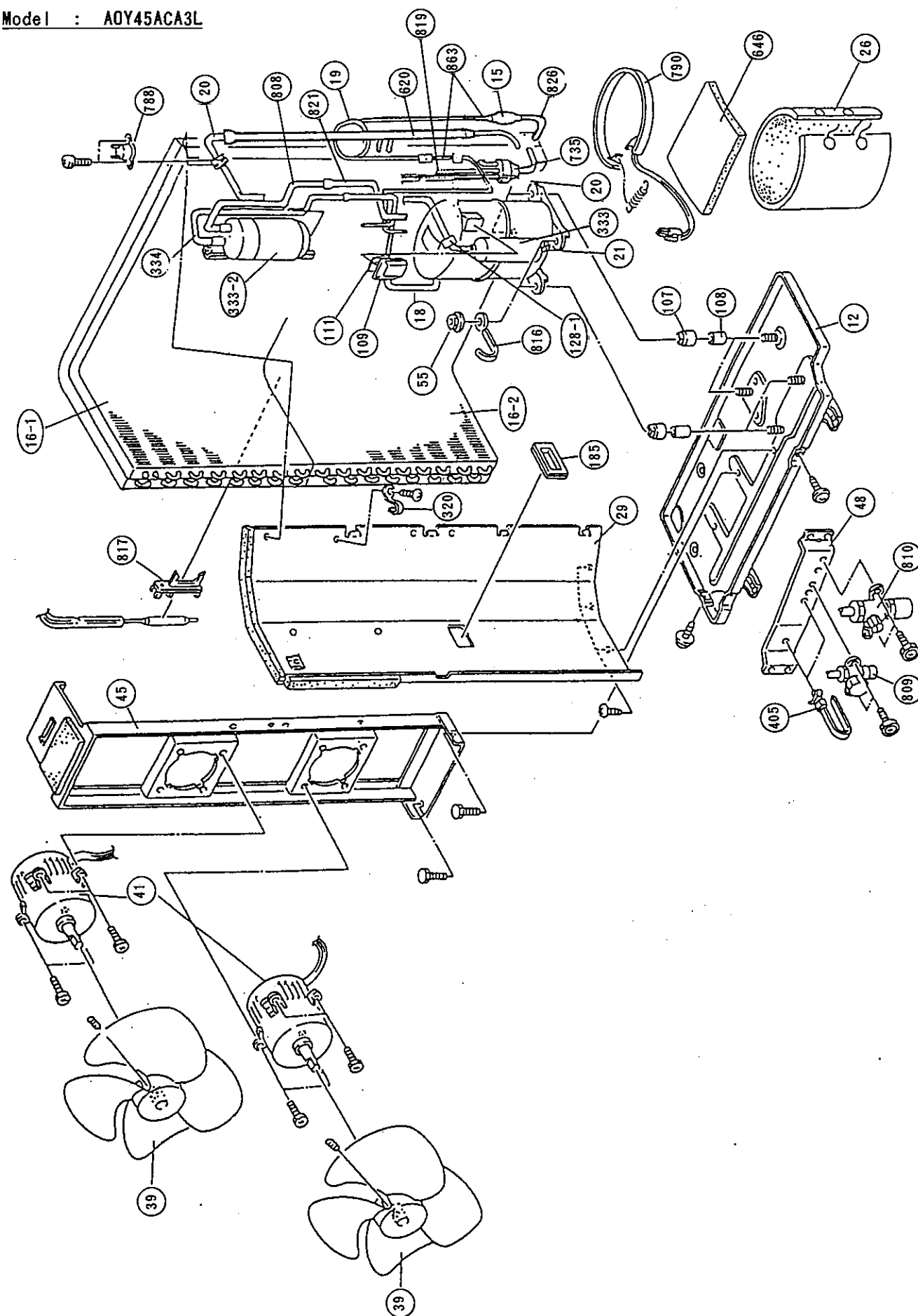
Models : A0Y36ACA3L
A0Y45ACA3L



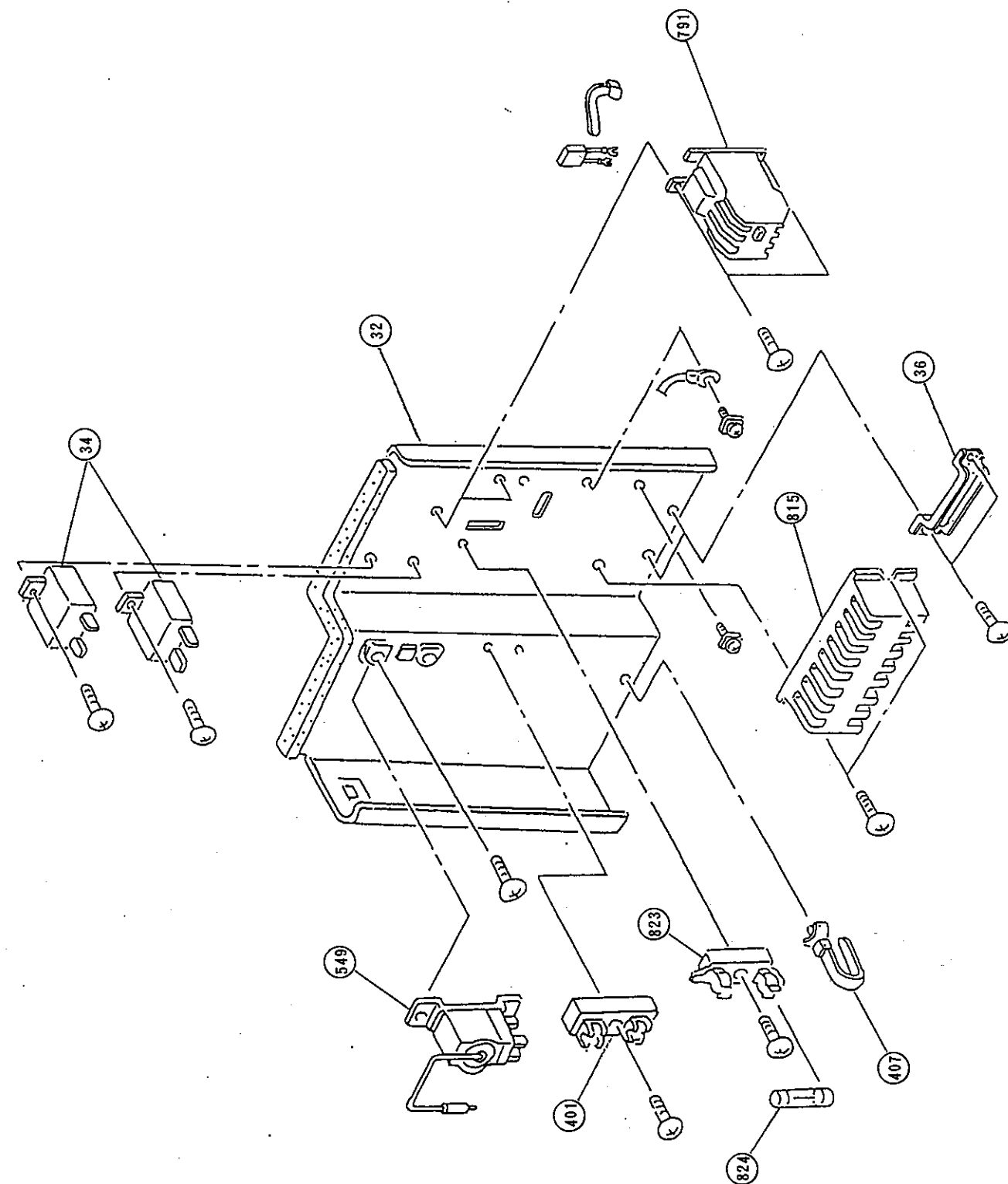
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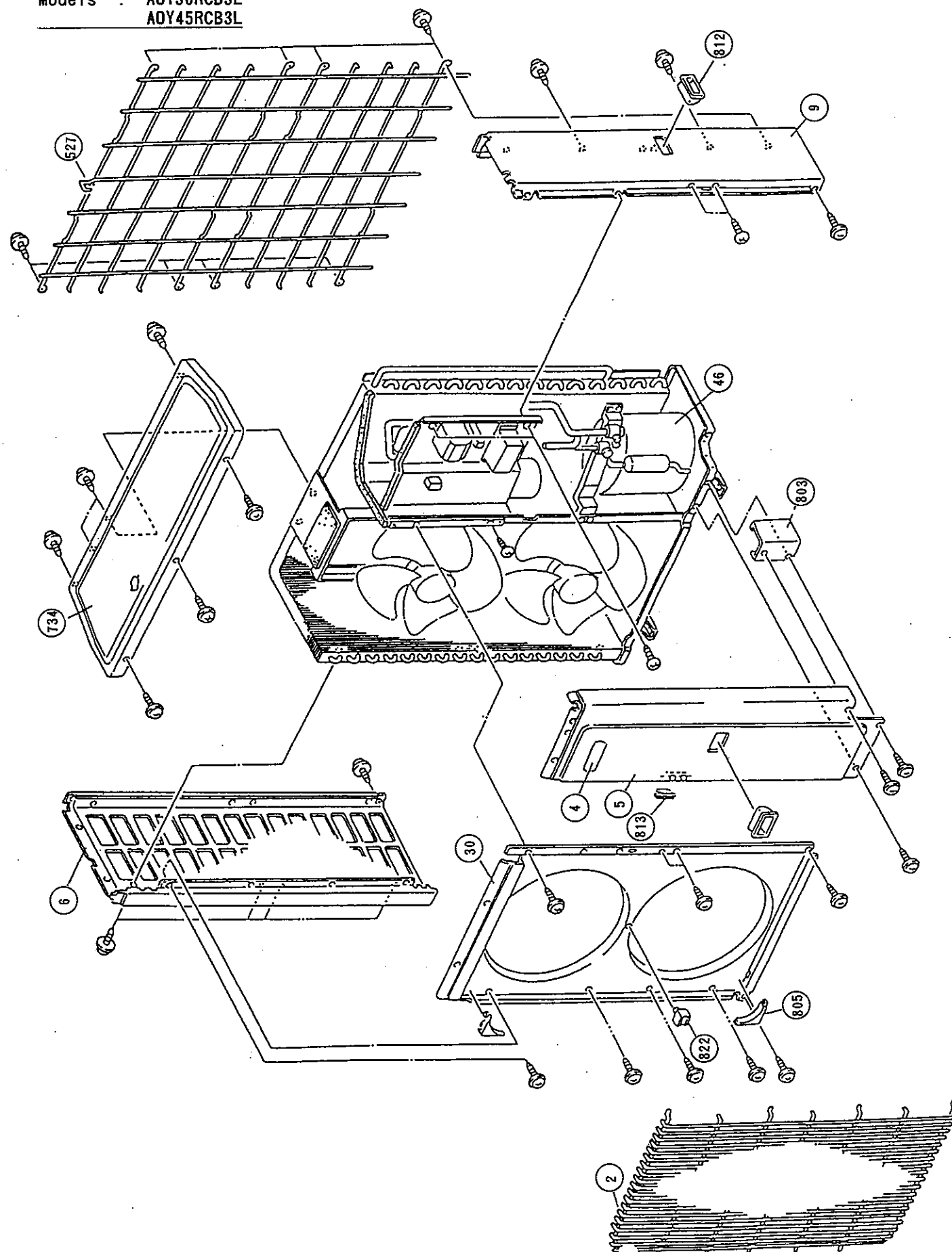
Model : AOY45ACA3L



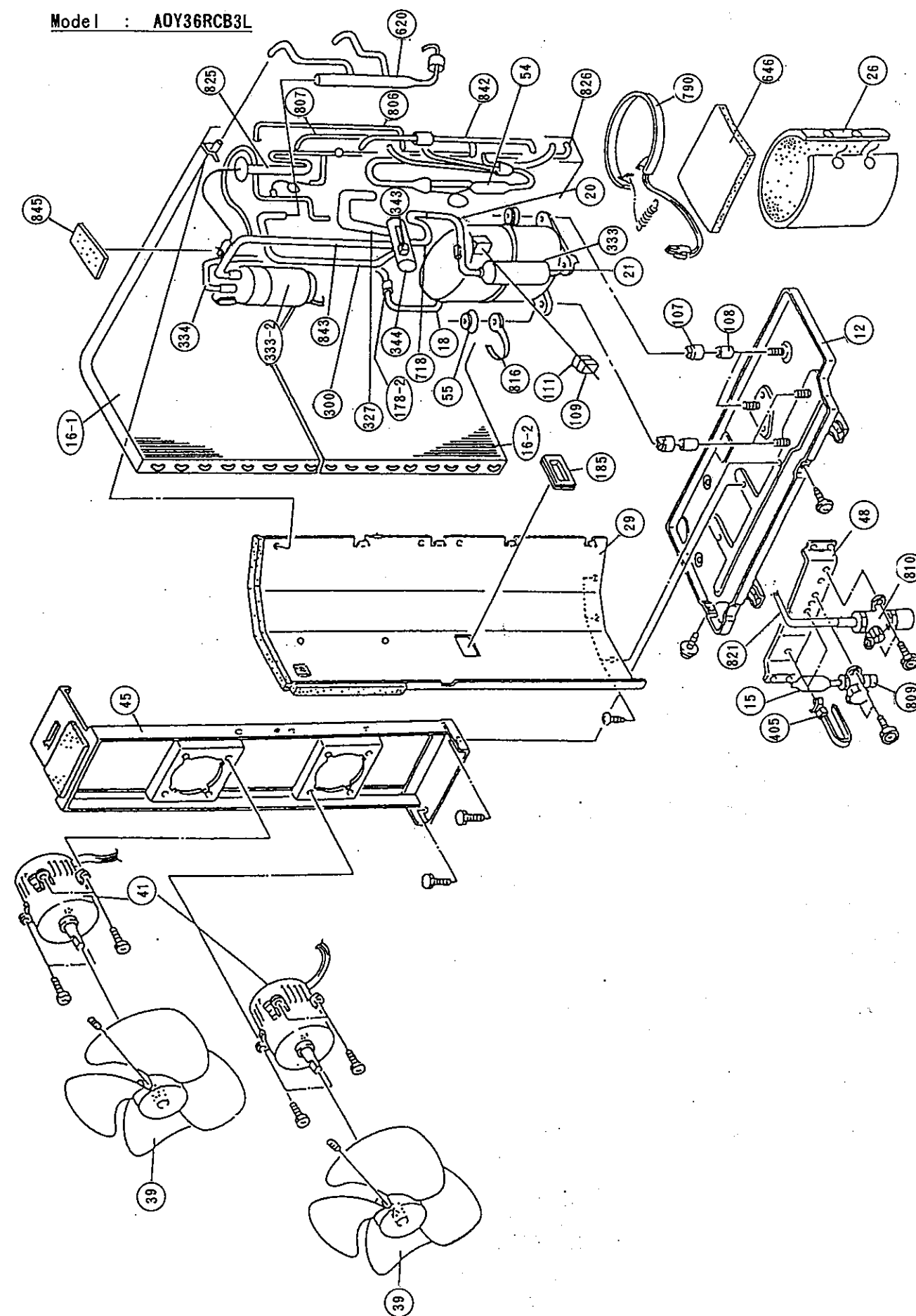
Models : AOY36ACA3L
AOY45ACA3L



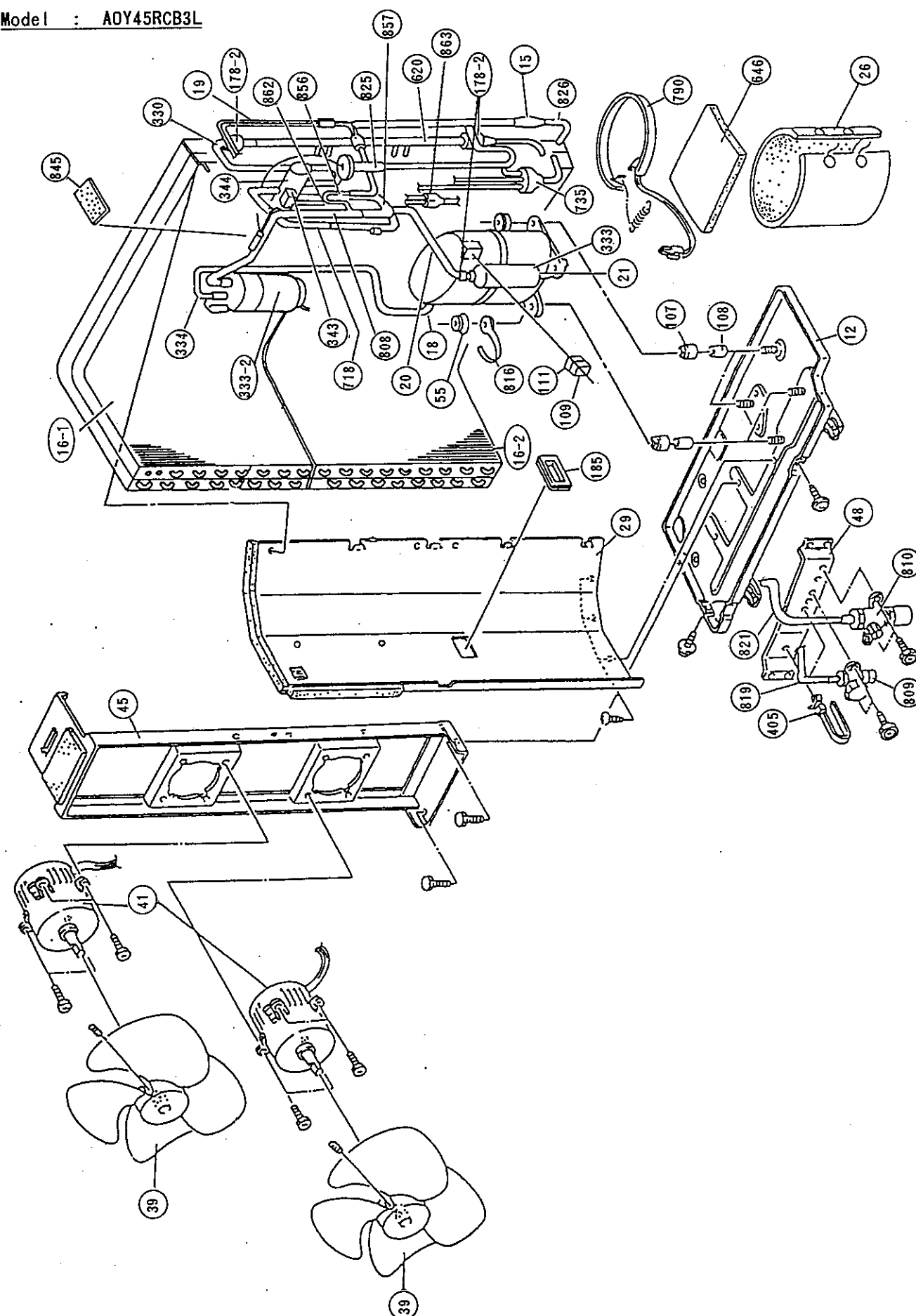
Models : ADY36RCB3L
ADY45RCB3L



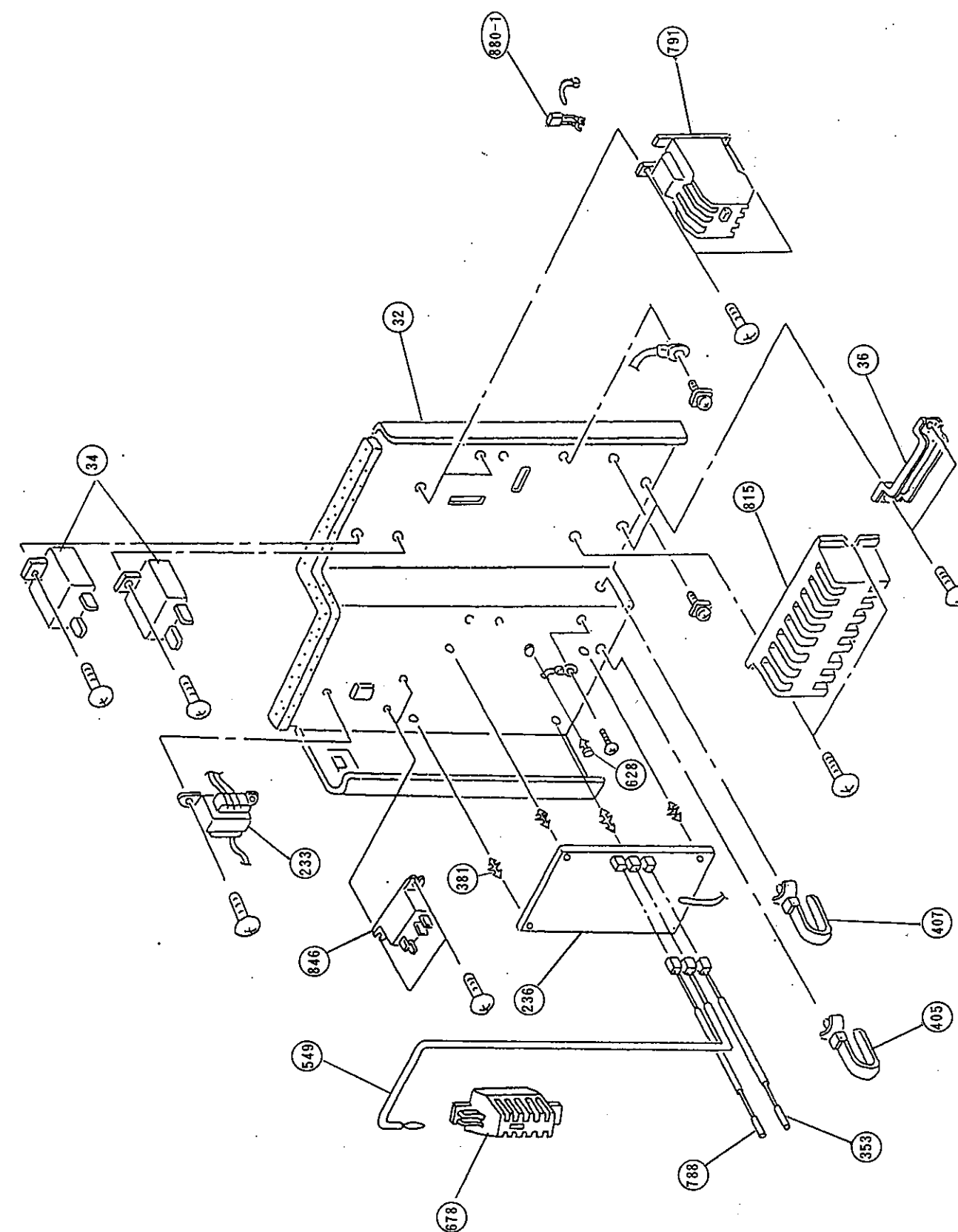
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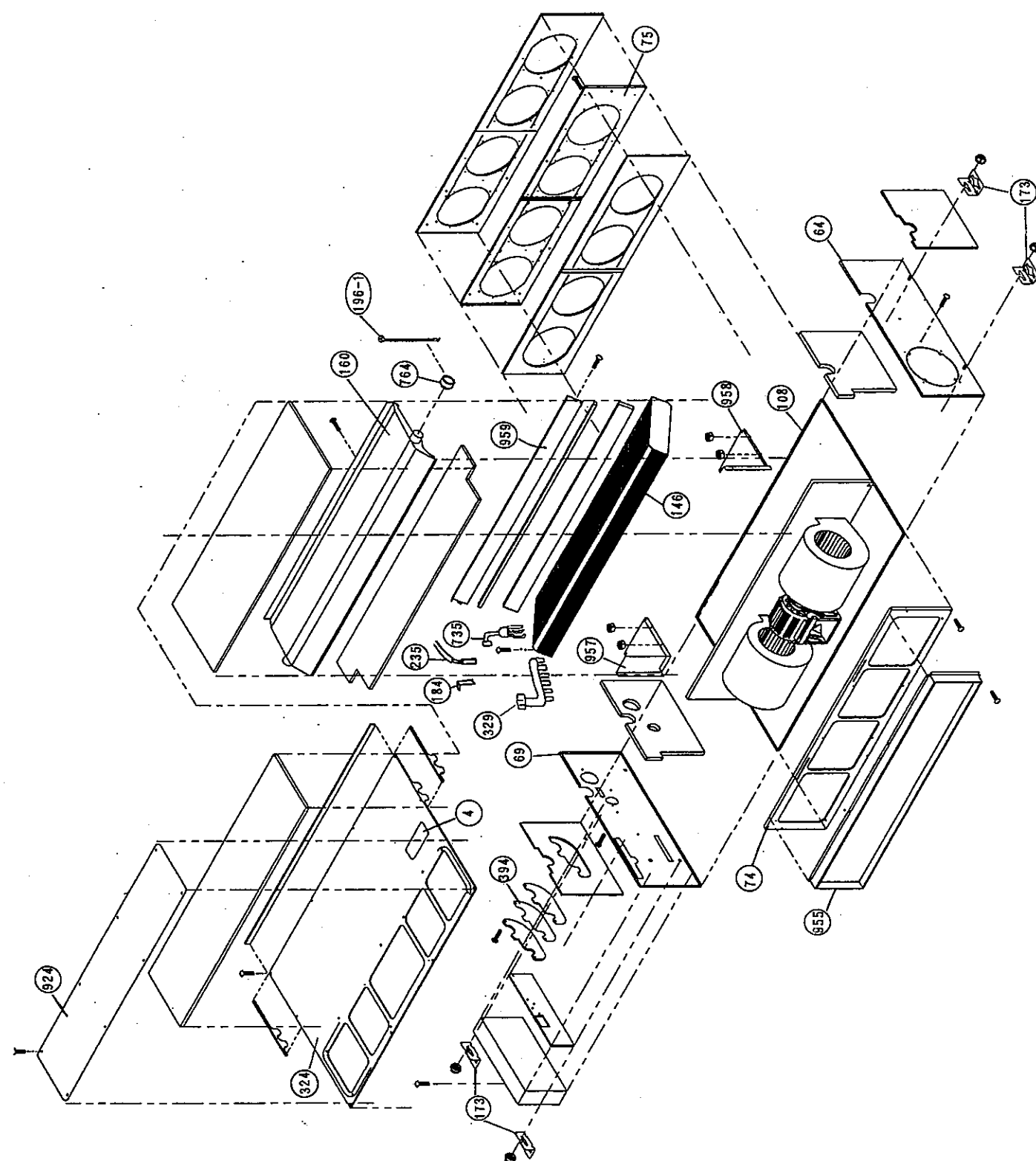
Model : ADY45RCB3L



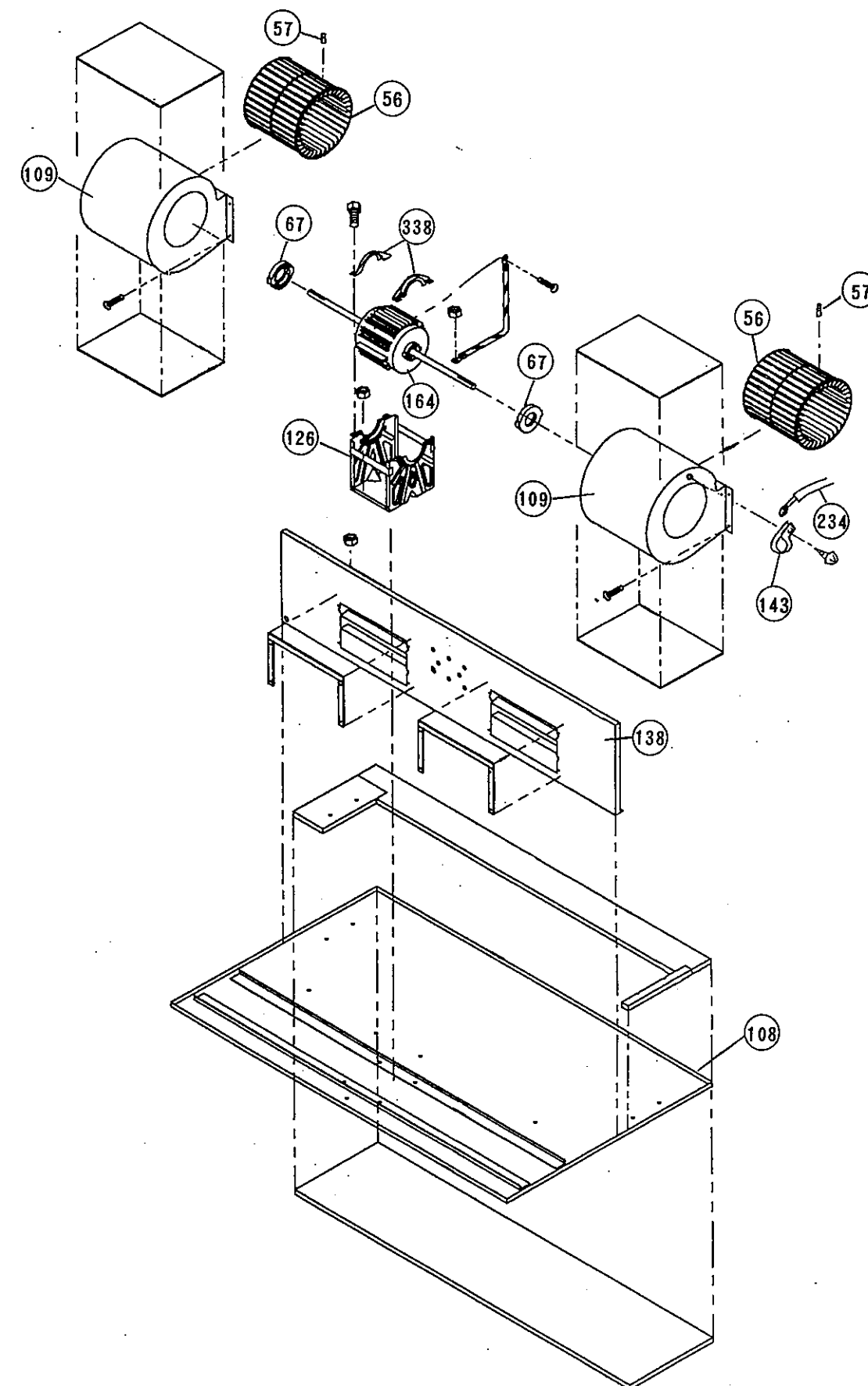
Model : ADY36RCB3L
ADY45RCB3L



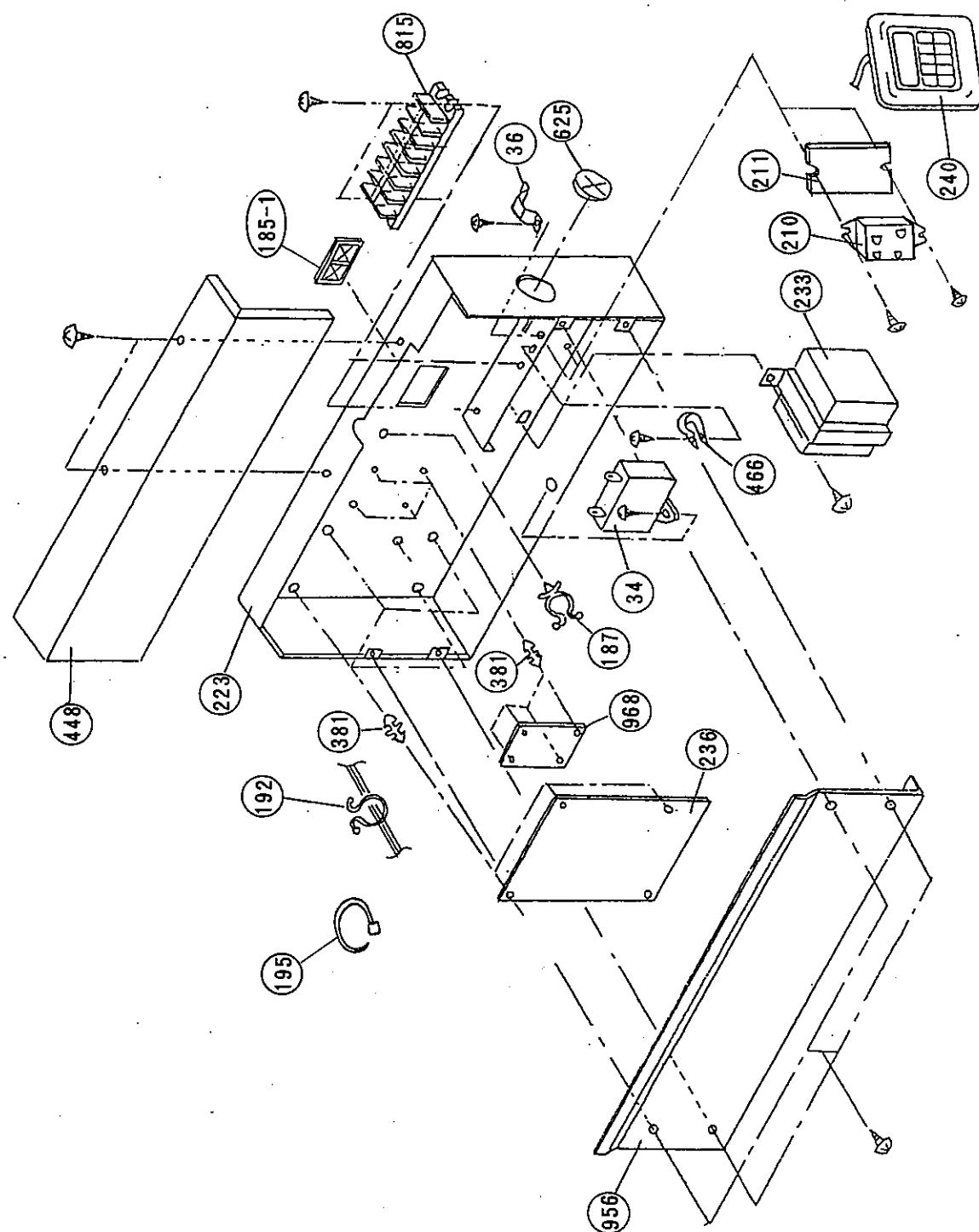
Models : ARY36ALA3, ARY36ALB3
 ARY36RLA3, ARY36RLB3
 ARY45ALA3, ARY45ALB3
 ARY45RLA3, ARY45RLB3



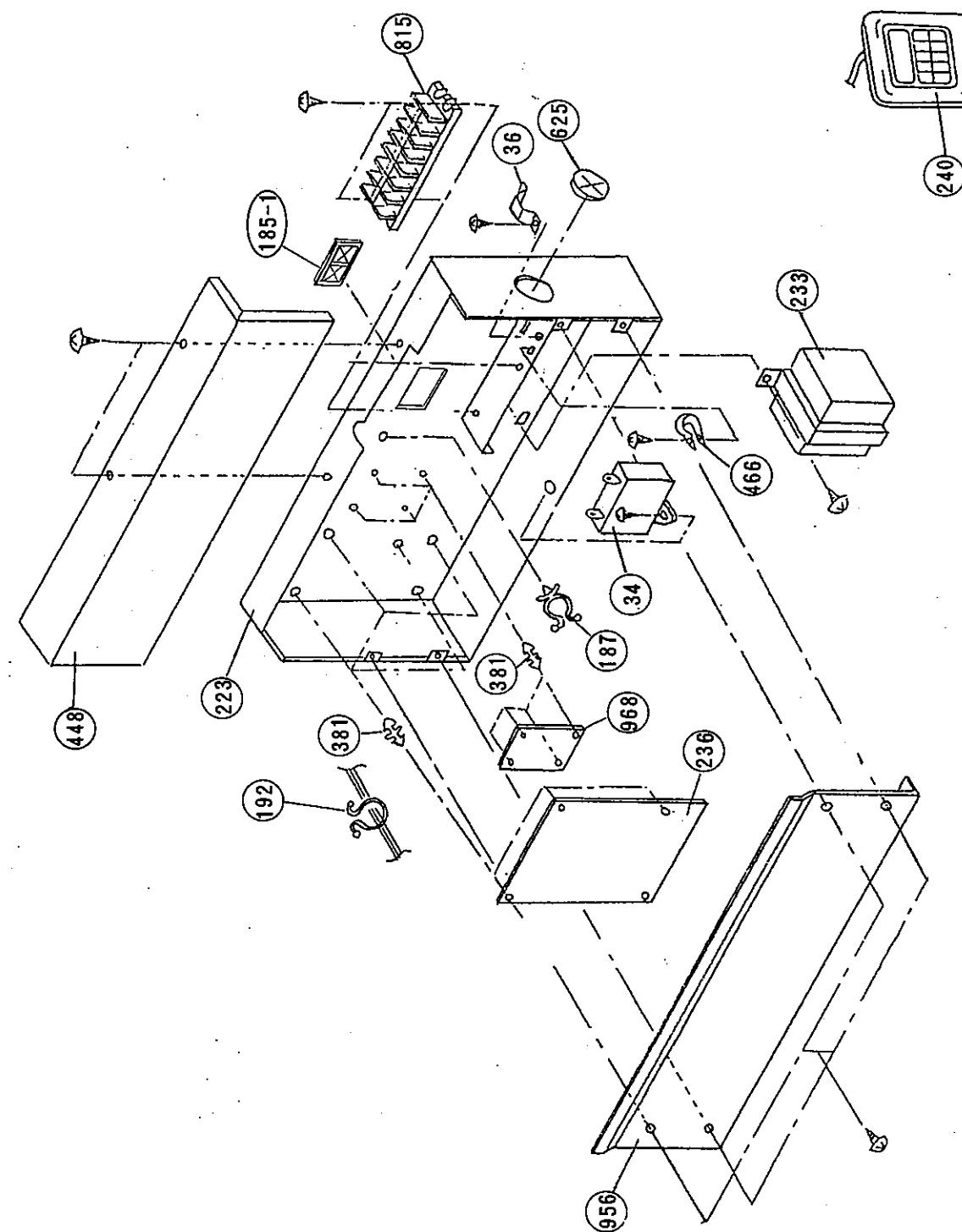
Models : ARY36ALA3, ARY36ALB3
 ARY36RLA3, ARY36RLB3
 ARY45ALA3, ARY45ALB3
 ARY45RLA3, ARY45RLB3



Models : ARY36ALA3, ARY36ALB3
ARY45ALA3, ARY45ALB3



Models : ARY36RLA3, ARY36RLB3
ARY45RLA3, ARY45RLB3



ARY36ALA3, ARY36ALB3
ARY36RLA3, ARY36RLB3
ARY45ALA3, ARY45ALB3
ARY45RLA3, ARY45RLB3

PARTS LIST

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

INDOOR UNIT

Ref. No.	Description	Part No.								Ord. Qty
		ARY36ALA3	ARY36ALB3	ARY36RLA3	ARY36RLB3	ARY45ALA3	ARY45ALB3	ARY45RLA3	ARY45RLB3	
4	Emblem-Rear	9351355005	9351355005	9351355005	9351355005	9351355005	9351355005	9351355005	9351355005	
34	Capacitor (Fan Motor)	9700468035	9700468035	9700468035	9700468035	9700468042	9700468042	9700468042	9700468042	
36	Cord Holder Metal	9356362008	9356362008	9356362008	9356362008	9356362008	9356362008	9356362008	9356362008	
56	Sirocco Fan Assy	9356531022	9356531022	9356531022	9356531022	9356531022	9356531022	9356531022	9356531022	
57	Hex. Socket Screw	313616213202	313616213202	313616213202	313616213202	313616213202	313616213202	313616213202	313616213202	
64	Cabinet-Left Metal	9356551006	9356551006	9356551006	9356551006	9356551006	9356551006	9356551006	9356551006	
67	Rubber (Vibration proof)	313659068604	313659068604	313659068604	313659068604	313659068604	313659068604	313659068604	313659068604	
69	Cabinet-Right Metal	9356547009	9356547009	9356547009	9356547009	9356547009	9356547009	9356547009	9356547009	
74	Intake Panel	9356537000	9356537000	9356537000	9356537000	9356537000	9356537000	9356537000	9356537000	
75	Outlet Panel Assy	9356538007	9356538007	9356538007	9356538007	9356538007	9356538007	9356538007	9356538007	
108	Base Assy	9356518009	9356518009	9356518009	9356518009	9356518009	9356518009	9356518009	9356518009	
109	Casing Assy	9356527001	9356527001	9356527001	9356527001	9356527001	9356527001	9356527001	9356527001	
126	Motor Fixing Table Assy	9356533002	9356533002	9356533002	9356533002	9356533002	9356533002	9356533002	9356533002	
138	Separate Wall	9356523003	9356523003	9356523003	9356523003	9356523003	9356523003	9356523003	9356523003	
143	Clamp NK-3N	313361274700	313361274700	313361274700	313361274700	313361274700	313361274700	313361274700	313361274700	
146	Evaporator Assy	9356524017	9356524017	9356524017	9356524017	9356524017	9356524017	9356524017	9356524017	
160	Drain Pan Assy	9356542028	9356542028	9356542028	9356542028	9356542028	9356542028	9356542028	9356542028	
164	Fan Motor Assy	9600434024	9600434024	9600434024	9600434024	9600434024	9600434024	9600434024	9600434024	
173	Hanger Bracket	9356563009	9356563009	9356563009	9356563009	9356563009	9356563009	9356563009	9356563009	
184	Thermo. Spring-A	313728262708	313728262708	313728262708	313728262708	313728262708	313728262708	313728262708	313728262708	
185-1	Rubber Bushing	9357376004	9357376004	9357376004	9357376004	9357376004	9357376004	9357376004	9357376004	
187	Clamp No. 1219	313361271706	313361271706	313361271706	313361271706	313361271706	313361271706	313361271706	313361271706	
192	Clamp No. 062	313361271402	313361271402	313361271402	313361271402	313361271402	313361271402	313361271402	313361271402	
195	Clamp SKB-100	313361275805	313361275805	313361275805	313361275805	313361275805	313361275805	313361275805	313361275805	
196-1	Clamp SKB-3M	313557416303	313557416303	313557416303	313557416303	313557416303	313557416303	313557416303	313557416303	
210	Main Relay	9356781007	9356781007	9356781007	9356781007	9356781007	9356781007	9356781007	9356781007	
211	Oushion Rubber	313806328306	313806328306	313806328306	313806328306	313806328306	313806328306	313806328306	313806328306	
223	Control Box Metal Assy	9356558005	9356558005	9356558005	9356558005	9356558005	9356558005	9356558005	9356558005	
233	Power Transformer	9701678013	9701678013	9701678013	9701678013	9701678013	9701678013	9701678013	9701678013	
234	Thermistor Assy	9302745008	9302745008	9302745008	9302745008	9302745008	9302745008	9302745008	9302745008	
235	Thermistor Assy-Pipe	9701329076	9701329076	9701329076	9701329076	9701329076	9701329076	9701329076	9701329076	
236	Controller PCB Assy	9701705016	9701705016	9701705016	9701705016	9701705016	9701705016	9701705016	9701705016	
240	Remote Control Unit	9701673032	9701673032	9701673032	9701673032	9701673032	9701673032	9701673032	9701673032	
324	Top Plate	9356546002	9356546002	9356546002	9356546002	9356546002	9356546002	9356546002	9356546002	
329	Coupling Pipe Assy	9357005003	9357005003	9357005003	9357005003	9357005003	9357005003	9357005003	9357005003	
338	Motor Fixture	9356536003	9356536003	9356536003	9356536003	9356536003	9356536003	9356536003	9356536003	
381	Locking Spacer	313209391506	313209391506	313209391506	313209391506	313209391506	313209391506	313209391506	313209391506	
394	Pipe Fixing Plate	9356554007	9356554007	9356554007	9356554007	9356554007	9356554007	9356554007	9356554007	
448	Control Box Metal-B	9356560008	9356560008	9356560008	9356560008	9356560008	9356560008	9356560008	9356560008	
466	Clamp NK-4N	313714328805	313714328805	313714328805	313714328805	313714328805	313714328805	313714328805	313714328805	
625	Cap (Power)	9352173011	9352173011	9352173011	9352173011	9352173011	9352173011	9352173011	9352173011	
735	Distributor Assy	9357004006	9357004006	9357004006	9357004006	9357004006	9357004006	9357004006	9357004006	
764	Drain Cap	9356541007	9356541007	9356541007	9356541007	9356541007	9356541007	9356541007	9356541007	
815	Terminal-7P	9302583075	9302583075	9302583075	9302583075	9302583075	9302583075	9302583075	9302583075	
924	Intake Seal Plate	9356553000	9356553000	9356553000	9356553000	9356553000	9356553000	9356553000	9356553000	
955	Square Flange Assy	9356555004	9356555004	9356555004	9356555004	9356555004	9356555004	9356555004	9356555004	
956	Control Box Metal-E	9356900002	9356900002	9356900002	9356900002	9356900002	9356900002	9356900002	9356900002	
957	Eva. Fixing Plate-R	9356521009	9356521009	9356521009	9356521009	9356521009	9356521009	9356521009	9356521009	
958	Eva. Fixing Plate-L	9356522006	9356522006	9356522006	9356522006	9356522006	9356522006	9356522006	9356522006	
959	Eva. Seal Plate	9356540000	9356540000	9356540000	9356540000	9356540000	9356540000	9356540000	9356540000	
968	Relay PCB Assy	9701594030	9701594030	9701594030	9701594030	9701594030	9701594030	9701594030	9701594030	

AOY36ACA3L
AOY36RCB3L
AOY45ACA3L
AOY45RCB3L

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OUTDOOR UNIT

Ref. No.	Description	Part No.				Order Qty
		AOY36ACA3L	AOY36RCB3L	AOY45ACA3L	AOY45RCB3L	
2	Fan Cover	9352159015	9352159015	9352159015	9352159015	
4	Emblem-Rear "FUJITSU"	9351355005	9351355005	9351355005	9351355005	
5	Cabinet-A, Painted	9352146015	9352146015	9352146015	9352146015	
6	Cabinet-C, Painted	9352149016	9352149016	9352149016	9352149016	
9	Cabinet-B, Painted	9352147012	9352147012	9352147012	9352147012	
12	Base Assy, Painted	9352136016	9352136016	9352136016	9352136016	
15	Dryer	9300589031	9353789006	9353789006	9353789006	
16	Condenser Assy	9352128011	—	—	—	
16-1	Condenser-A Assy	—	9353023001	9355338011	9355338011	
16-2	Condenser-B Assy	—	9353024008	9353363008	9353363008	
18	Suction Pipe	9352286001	9352286001	9353200006	9353200006	
19	Capillary Tube	9352439001	—	9353644008	9353373007	
20	Discharge Pipe	9352288005	9357362007	9353620002	9357359007	
21	Discharge Pipe-B	9352289002	9352289002	9353209009	9353209009	
26	Compressor Cover-A	9352416002	9352416002	9353367006	9353367006	
29	Separate Wall	9355277013	9355277013	9355277013	9355277013	
30	Blower Cover, Painted	9352151019	9352151019	9352151019	9352151019	
32	Control Box Metal	9352134012	9352134012	9352134012	9352134012	
34	Capacitor (Fan Motor)	9302903040	9302903040	9302903040	9302903040	
36	Cord Holder Metal	9356934007	9356934007	9356934007	9356934007	
39	Propeller Fan Assy	9300855013	9300855013	9300855013	9300855013	
41	Fan Motor Assy-Outer	9600266014	9600266014	9600266014	9600266014	
45	Bracket (Motor) Assy	9352141003	9352141003	9352141003	9352141003	
46	Compressor Assy	9352412004	9352412004	9353157003	9353157003	
48	Bracket (Coupler) Assy	9355281010	9355281010	9355281010	9355281010	
54	Condensing Pipe-A	9352296000	9357337005	—	—	
55	Special Nut MB (For Comp.)	313252257701	313252257701	313252257701	313252257701	
107	Rubber Seat-A (For Comp.)	9351875039	9351875039	9351875039	9351875039	
108	Sleeve-A (For Comp.)	9351875046	9351875046	9351875046	9351875046	
109	Terminal Cover (For Comp.)	9351875053	9351875053	9351875053	9353360007	
111	Terminal Packing	9351875060	9351875060	9351875060	9353361004	
128-1	Rubber (Discharge Pipe)	313155086308	—	313155086308	—	
178-2	Capillary Holder Rubber	313394274808	313394274808	—	313394274808	
185	Rubber Bushing	313005066051	313005066051	313005066051	313005066051	
233	Power Transformer	—	9701549016	—	9701549016	
236	Controller PCB Assy	—	9701596010	—	9701596010	
300	Suction Pipe-C	—	9352759000	—	—	
320	Wire Clamp Metal	313483219905	—	313483219905	—	
327	Suction Pipe-A	—	9352754005	—	—	
330	Inlet Pipe (Condenser)-A	—	—	—	9353310002	
333	Accumulator	9350363018	9350363018	9350363018	9350363018	
333-2	Accumulator Assy(B)	9301942019	9352421006	9352421006	9352421006	
334	Suction Pipe-B	9352557002	9352287008	9352287008	9352287008	
343	Solenoid Coil	—	9356938005	—	9356938005	
344	4-Way Valve	—	9353055002	—	9353532008	
353	Thermistor Assy-Pipe	—	9701330010	—	9701330010	
361	Accumulator Support Assy	9355351003	—	—	—	
381	Locking Spacer	—	313209391506	—	313209391506	
401	Terminal 2P	313915135103	—	313915135103	—	
405	Clamp No. 1763	313816345304	313816345304	313816345304	313816345304	
407	Clip No. 1259	313739340109	313739340109	313739340109	313739340109	
527	Protection Net	9352163012	9352163012	9352163012	9352163012	
549	Thermostat Assy-Outdoor	—	9357328010	—	9357328010	
549	Thermostat-Outdoor	9352426001	—	9352426001	—	
620	Inlet Pipe, (Cond.) Assy	9355316019	9352741005	9353183002	9353183002	
628	Locking Spacer-B	—	313005446558	—	313005446558	
646	Compressor Cover-B	313986355101	313986355101	9353368003	9353368003	
678	Bracket (Thermistor)	—	313557406106	—	313557406106	

When you order parts, please make a photocopy of this page
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OUTDOOR UNIT (Continued)

Ref. No.	Description	Part No.				Order Qty
		AOY36ACA3L	AOY36RCB3L	AOY45ACA3L	AOY45RCB3L	
718	Discharge Pipe-C	—	9352763007	—	9353211002	
734	Cabinet Top Plate	9352161018	9352161018	9352161018	9352161018	
735	Distributor Assy	—	—	9353187000	9353187000	
788	Thermostat-Discharge	—	9357330013	—	9357330013	
788	Thermostat-Overheat	9354061002	—	9354061002	—	
790	Belt Heater	9352415005	9352415005	9353359001	9353359001	
791	Magnetic Relay	9352552007	9352552007	9352552007	9352552007	
803	Cabinet-D, Painted	9352150012	9352150012	9352150012	9352150012	
805	Blower Cover Corner	9352160011	9352160011	9352160011	9352160011	
806	Cond. Pass Pipe-A	9352294006	9357340005	—	—	
807	Cond. Pass Pipe-B	9353090010	9354112001	—	—	
808	Inlet Pipe (Accumulator)	9352556005	—	9352285004	9353180001	
809	Ball Valve-A	9352422003	9352422003	9352422003	9352422003	
810	Ball Valve-B	9352423000	9352423000	9352423000	9352423000	
812	Grip	9352157004	9352157004	9352157004	9352157004	
813	Cabinet Hook	9352148002	9352148002	9352148002	9352148002	
815	Terminal BP	9357062006	9357062006	9357062006	9357062006	
816	Wire Clamp Metal	313584219902	313584219902	313584219902	313584219902	
817	Thermostat Fixture	9352164019	—	9352164019	—	
818	Accumulator Support-B Assy	9355350006	—	—	—	
819	Valve-A Coupl. Pipe	9352298004	—	—	9353904003	
820	Joint Pipe (Capillary)	9352299001	—	—	—	
821	Joint Pipe Assy	9352284007	9352284007	9352284007	935307002	
822	Fan Cover Fixture-A	9352158018	9352158018	9352158018	9352158018	
823	Fuse Holder	0500063024	—	0500063024	—	
824	Fuse	0600222529	—	0600222529	—	
825	Expansion Valve Assy	—	9353001009	—	9353311009	
826	Condensing Pipe-B	9352297007	9352990007	9353215000	9353215000	
842	Cond. Pass Pipe-C	—	9354111004	—	—	
843	Suction Pipe-B Assy	—	9352755002	—	—	
845	Insulation (Exp. Valve)	—	9353070012	—	9353370006	
846	Relay	—	9304375005	—	9304375005	
856	Equalizing Pipe-C	—	—	—	9353304001	
857	Inlet Pipe (Accumulator)-B	—	—	—	9353199003	
862	Valve-B Coupl. Pipe	—	—	—	9353309006	
863	Joint Pipe (Capillary)-B	—	—	9353206008	9353206008	
880-1	Network	9700987017	9700987017	9700987017	9700987017	

[Indoor Unit] CONTROLLER PCB ASSEMBLY (Ref. No. 236)

() : Reverse cycle models

Ref. No.	Description	Part No.	Drd. Qty	Ref. No.	Description	Part No.	Drd. Qty
IC1	IC μ PD78011FCW-013	9701722013		R3, 15, 17, 22, 27	Res. Carbon 1/4W 1k Ω ±5%	0200994017	
IC2	IC MCT7805CT	0100649215		R4, (6), 10-12, 14, 19-21, 23, 26, 29	Res. Carbon 1/4W 10k Ω ±5%	0200994253	
IC3	IC MCT7812CT	0100649222		R5, 13, 28	Res. Carbon 1/4W 390 Ω ±5%	0200993874	
(IC4)	IC HI2002	9701384020		R7	Res. Metal 15.4k Ω	0201028759	
IC5, 6	IC BA12003	0101650012		R8	Res. Metal 28.0k Ω	0201028742	
IC7	IC BA10358	0101854014		R9	Res. Carbon 1/4W 4.7k Ω ±5%	0200994178	
IC8	IC PST6000-2-TP	0101461113		R16	Res. Metal 3.32k Ω	0201028568	
Q1	Xstr 2SD880	0000001014		R18	Res. Metal 10.5k Ω	0201028537	
Q(2), 3, 6	Xstr DTC124ES	0000517010		R24	Res. Metal 22.1k Ω	0201028513	
Q4, 5	Xstr 2SC1815	0000002011		R25	Res. Metal 33.2k Ω	0201028544	
D1	Diode D2SB20	0000599023		C1, 4	Cap. Plastic 250V 0.1 μ F	0300894835	
D2	Diode MTZJ15C	0000852203		C2, 3	Cap. Ceramic 4700pF	0300727546	
D3, 11, 12	Diode 1SR139-400	0000353137		C5	Cap. Elec. 50V 2200 μ F	0301206026	
D4	Diode 51VB20	0000292054		C6	Cap. Elec. 50V 10 μ F	0300003145	
D5-7, 10	Diode 1SS133	0000572019					
R1, 2	Res. Carbon 1/4W 5.6k Ω ±5%	0200994192					

When you order parts, please make a photocopy of this page
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[Indoor Unit] CONTROLLER PCB ASSEMBLY (Ref. No. 236) (Continued)

Ref. No.	Description	Part No.	Drd. Qty	Ref. No.	Description	Part No.	Drd. Qty
C7, 11, 20, 23	Cap. Elec. 25V 10 μ F	0300004258		SW1	Switch Slide DSS804	9701393015	
C8	Cap. Elec. 25V 2200 μ F	0300915417		SW2	Switch Rotary DFS4016-3	9701694013	
C9, 13, 17, 18, 21, 24	Cap. Ceramic 0.1 μ F	0300988251		HT1	Heat Sink PUG26-25	9701428014	
C10	Cap. Elec. 35V 2200 μ F	0300915042		HT2	Heat Sink OSH-1625-SPL	9701403011	
C12	Cap. Elec. 24V 100 μ F	0300051375		(CN1)	Plug, PCB 53406-9210	0500951062	
C14, 15, 26, 27, (CJ16)	Cap. Ceramic 50V 0.01 μ F	0300013113		CN1	Plug, PCB 53406-9910	0500951048	
C19, 22, 25, 30	Cap. Ceramic 50V 1000pF	0300011096		CN2	Plug, PCB B2P3-VH-B	0500011728	
X1	Ceramic Resonator EF0EC8384T4	9701261017		CN3	Plug, PCB B2P3-VH-B-C	0500011773	
L2-4	EMI Filter EXCENT1030T	0400406396		CN4	Plug, PCB 53331-0210	0501033019	
F1	Fuse 4.0A - 250V	0600222543		CN5	Plug, PCB 54300063	0500957026	
FH1, 2	Fuse Holder PFC5000-0502	0500158072		CN6	Plug, PCB B2P3-VH-B-R	0500011766	
VA1, 2, (3)	Varistor TNR12G471K	0000038010		CN7, CN13	Plug, PCB B4B-XH-AM	0500005314	
SSR1	Relay G3M-202P-UTU	9701829019		CN8	Plug, PCB 53405-0310	0500940035	
K1, 2, (3), 5	Relay JQ1-12V	9701316014		CN9	Plug, PCB B2P-VH-B	0500011124	
CR2	CR Absorber RFEL-121204	9701125012		CN10	Plug, PCB B2P-VH-B-C	0500011568	
RC1-3	CR Module APCL12FS103J102J103M	0200301013		CN11	Plug, PCB B3B-XH-AM	0500005338	
SA1	Arrestor DSA-362MA-05	0600168032		CN12	Plug, PCB B3P-SHF-1AA	0500006021	
				CN16	Plug, PCB B2B-XASK-1-A	0501045012	
				E	Wire w/Terminal GRN L=300	9701755011	

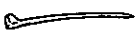
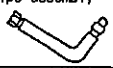
[Outdoor Unit] CONTROLLER PCB ASSEMBLY (Ref. No. 236)

Ref. No.	Description	Part No.	Drd. Qty	Ref. No.	Description	Part No.	Drd. Qty
IC1	IC μ PD78081CU-011	9701721016		C17	Cap. Elec. 25V 100 μ F	0300051375	
IC2	IC HL2001	9701651016		C20, 23, 26, 35	Cap. Ceramic 50V 1000pF	0300011096	
IC3	IC PST6000-2-T	0101461113		C33	Cap. Elec. 50V 2200 μ F	0300915417	
IC4	IC MCT7805CT	0100649215		F1	Fuse 3.15A - 250V	0600222512	
IC5, 6	IC BA12003	0101650012		RC1	CR Module APCL12FS103J102J103M	0200301020	
Q1	Xstr 2SD880	0000001014		CR1-3	CR Absorber RFEL-121204	9701125012	
Q2, 3	Xstr DTC124ES	0000517010		SA1	Arrestor DSA-362MA-05	0600168032	
D1	Diode D2SB20	0000599023		K1-6	Relay JQ1-12V	9701316014	
D2	Diode MTZJ15C	0000852203		L1	EMI Filter SU16VF-15030	0400134114	
D3-5	Diode 1SR139-400	0000353137		VA1, 4	Varistor TNR12G471K	0000038010	
D6	Diode 1SS133	0000572019		HT1	Heat Sink PUG26-25	9701428014	
R1, 2	Res. Carbon 1/4W 5.6k Ω ±5%	0200994192		FH1, 2	Fuse Holder PFC5000-0502	0500158072	
R3, 6, 10-12, 14, 16, 18, 20, 24	Res. Carbon 1/4W 1k Ω ±5%	0200994017		X1	Ceramic Resonator EF0EC5004T4Z	9701261024	
R4, 26	Res. Carbon 1/4W 4.7k Ω ±5%	0200994178		LED1, 2	LED SLR-325VC	0000813259	
R5, 7-9, 13, 21-23, 25	Res. Carbon 1/4W 10k Ω ±5%	0200994253		CN1	Plug, PCB 53406-9110	0500951086	
R15, 17	Res. Metal 14.0k Ω	0201028612		CN2	Plug, PCB B2P3-VH-B-R	0500011766	
R19	Res. Metal 38.3k Ω	0201028520		CN3	Plug, PCB B2B-XH-AM	0500005321	
C1, 4	Cap. Plastic 250V 0.1 μ F	0300894835		CN4, 6	Plug, PCB 53331-0210	0501033019	
C2, 3	Cap. Ceramic 4700pF	0300727546		CN5	Plug, PCB B4P7-VH-B	0500011742	
C5	Cap. Elec. 50V 2200 μ F	0301206026		CN7	Plug, PCB B4P7-VH-B-R	0500011797	
C6, 7, 21, 24, 27	Cap. Elec. 50V 10 μ F	0300004258		CN8	Plug, PCB 179844-2	0501121020	
C8, 18, 19, 22, 25, 28, 29, 34, 36	Cap. Ceramic 0.1 μ F	0300988251		CN9	Plug, PCB 179844-1	0501121013	
C9-11, 14-16, 30	Cap. Ceramic 50V 0.01 μ F	0300013113		CN10	Plug, PCB B4P-SHF-1AA	0500006038	
				CN11	Plug, PCB B2P-VH-B	0500011124	
				CN12	Plug, PCB B2P-VH-B-C	0500011568	
				CN13	Plug, PCB B2P-VH-B-R	0500011148	
				CN15	Plug, PCB B2B-XASK-1-A	0501045012	
				E	Wire w/Terminal GRN L=210	9701325016	

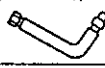
SSR PCB ASSEMBLY

Ref. No.	Description	Part No.	Drd. Qty	Ref. No.	Description	Part No.	Drd. Qty
SSR201	Relay S202SE2	9701719013		R201	Res. Carbon 1/2W 680 Ω ±5%	0200012681	
HT201	Heat Sink OSH-4730C-SP	9701754014					
CR201	CR Absorber RFEL-121204	9701125012		CN201	Plug, PCB B4P7-VH-B	0500011742	

INDOOR UNIT ACCESSORIES

Name and Shape	Q'ty	Application	ARY36ALA3 ARY36ALB3	ARY36RLA3 ARY36RLB3	ARY45ALA3 ARY45ALB3	ARY45RLA3 ARY45RLB3
Installation template 	1	For positioning the indoor unit	9357036007	9357036007	9357036007	9357036007
Hanger 	4	For suspending the indoor unit from ceiling	9356563009	9356563009	9356563009	9356563009
Special nut A (large flange) 	4	For suspending the indoor unit from ceiling	313005446653	313005446653	313005446653	313005446653
Special nut B (small flange) 	4		313005446759	313005446759	313005446759	313005446759
Coupler heat insulation (large) 	2	For indoor side pipe joint (large pipe)	9350716029	9350716029	9350716029	9350716029
Coupler heat insulation (small) 	1	For indoor side pipe joint (small pipe)	9352766015	9352766015	9352766015	9352766015
Mylon fastener 	1	For fixing the drain hose	313557416303	313557416303	313557416303	313557416303
Remote controller 	1		9701673032	9701673025	9701673032	9701673025
Remote controller cord clamp 	10	For installing the remote controller cord	313714181904	313714181904	313714181904	313714181904
Tapping screw (flush heads) 	10	For installing the remote controller cord clamp	301141153027	301141153027	301141153027	301141153027
Auxiliary pipe assembly 	1	For wiring conduit(gas side) connection	9357038001	9357038001	9357038001	9357038001
Drain hose insulation 	1	Insulates the drain hose and vinyl hose connection	313806217708	313806217708	313806217708	313806217708

OUTDOOR UNIT ACCESSORIES

Name and Shape	Q'ty	Application	ADY36ACA3L	ADY36RCB3L	ADY45ACA3L	ADY45RCB3L
Power cap 	1	For power cord installation	9352173011	9352173011	9352173011	9352173011
Auxiliary pipe assembly 	1	For wiring conduit(gas side) connection (May not be supplied, depending on the model)	9355292016	9355292016	9355292016	9355292016
Edge cover 	1	For wiring conduit installation hole edge protection	9352436000	9352436000	9352436000	9352436000
Tapping screw 	2	• For cabinet A and cabinet D mounting (1) • Spare (1)	301463040100	301463040100	301463040100	301463040100
Binder 	1	For power cord binding	313035356905	313035356905	313035356905	313035356905
Puttyer 	1	For sealing	303020200114	303020200114	303020200114	303020200114
Coupler heat insulation 	1	For outdoor side pipe joint	313005074759	313005074759	313005074759	313005074759
Pipe(drain) 	2		—	313728031005	—	313728031005
Flexible tube 	2		—	313013042915	—	313013042915
Cap(drain) 	2		—	313166024302	—	313166024302