

SERVICE MANUAL

SPLIT TYPE ROOM AIR CONDITIONER **WALL MOUNTED** type

Models	Indoor unit	Outdoor unit
	ASY17RSCCW	AOY17RNB
	ASG17RSCCW	AOG17RNB

C O N T E N T S

SPECIFICATIONS	1
DIMENSIONS	2
REFRIGERANT SYSTEM DIAGRAM	3
CIRCUIT DIAGRAM	4
INDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM	5
DISASSEMBLY ILLUSTRATION	6
PARTS LIST	11

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

INDOOR UNIT		ASY17RSCCW	ASG17RSCCW
OUTDOOR UNIT		AOY17RNB	AOG17RNB
COOLING CAPACITY	(kW)	4.70 - 4.80	
HEATING CAPACITY	(kW)	5.00 - 5.15	

ELECTRICAL DATA

POWER SOURCE	(V)	220 - 240	
FREQUENCY	(Hz)	50	
RUNNING CURRENT	(A)	COOLING	7.9 - 7.6
		HEATING	8.6 - 8.2
INPUT WATTS	(kW)	COOLING	1.70 - 1.78
		HEATING	1.85 - 1.92
E.E.R.	(kW/kW)	COOLING	2.77 - 2.70
		HEATING	2.70 - 2.68
MOISTURE REMOVAL	(ℓ /hr)	2.1	
AIR CIRCULATION-Hi	(m³/hr)	560	

COMPRESSOR

TYPE	Hermetic type, Permanent split condenser, 2 pole, Single phase, Induction motor
CODE	2JS318D5BA02

FAN MOTOR

		INDOOR UNIT		OUTDOOR UNIT	
MODEL		ASY17RSCCW	ASG17RSCCW	AOY17RNB	AOG17RNB
TYPE		MFA-17AT		MFB-247FBT	
POWER SOURCE		(W)		220 - 240	
FAN SPEED	HI-SPEED	(r.p.m.)	1,300	735	
	MED-SPEED	(r.p.m.)	1,210		
	LO-SPEED	(r.p.m.)	1,110		

DIMENSIONS

HEIGHT x WIDTH x DEPTH	(mm)	285 x 900 x 172	643 x 840 x 336
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WEIGHT

GROSS / NET	(mm)	13 / 10	67 / 59
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REFRIGERANT CHARGE

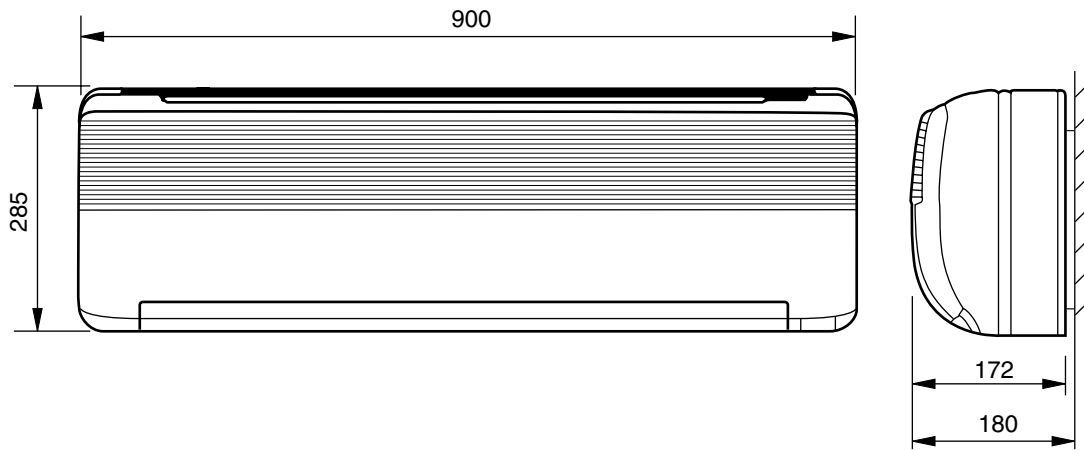
PIPE LENGTH	16 ft (5 m)	23 ft (7 m)	33 ft (10 m)	49 ft (15 m)	66 ft (20 m)
FULL CHARGE AMOUNT	52.9 oz (1,500 g)	53.6 oz (1,520 g)	54.6 oz (1,550 g)	56.4 oz (1,600 g)	58.2 oz (1,650 g)

Note : Between 5 m and 20 m, when using a connection pipe other than that in the table, charge additional refrigerant with 0.4 oz (10 g) / 3.3 ft (1 m) as the criteria.

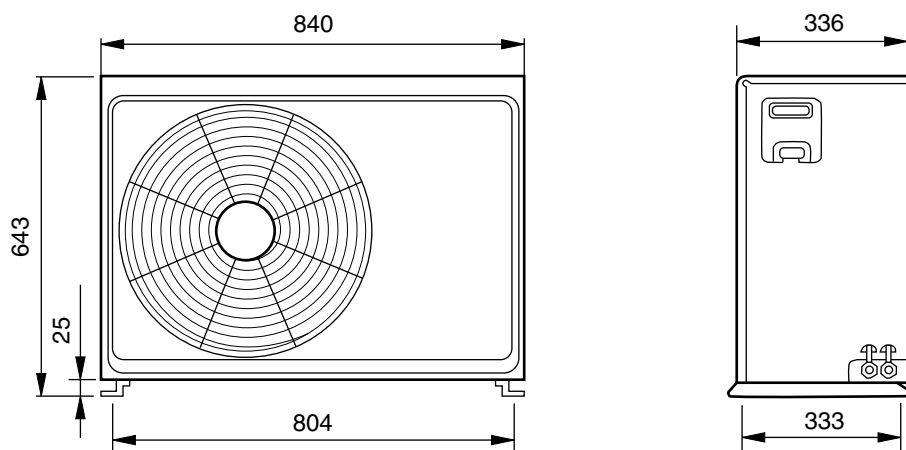
DIMENSIONS

INDOOR UNIT

(unit : mm)

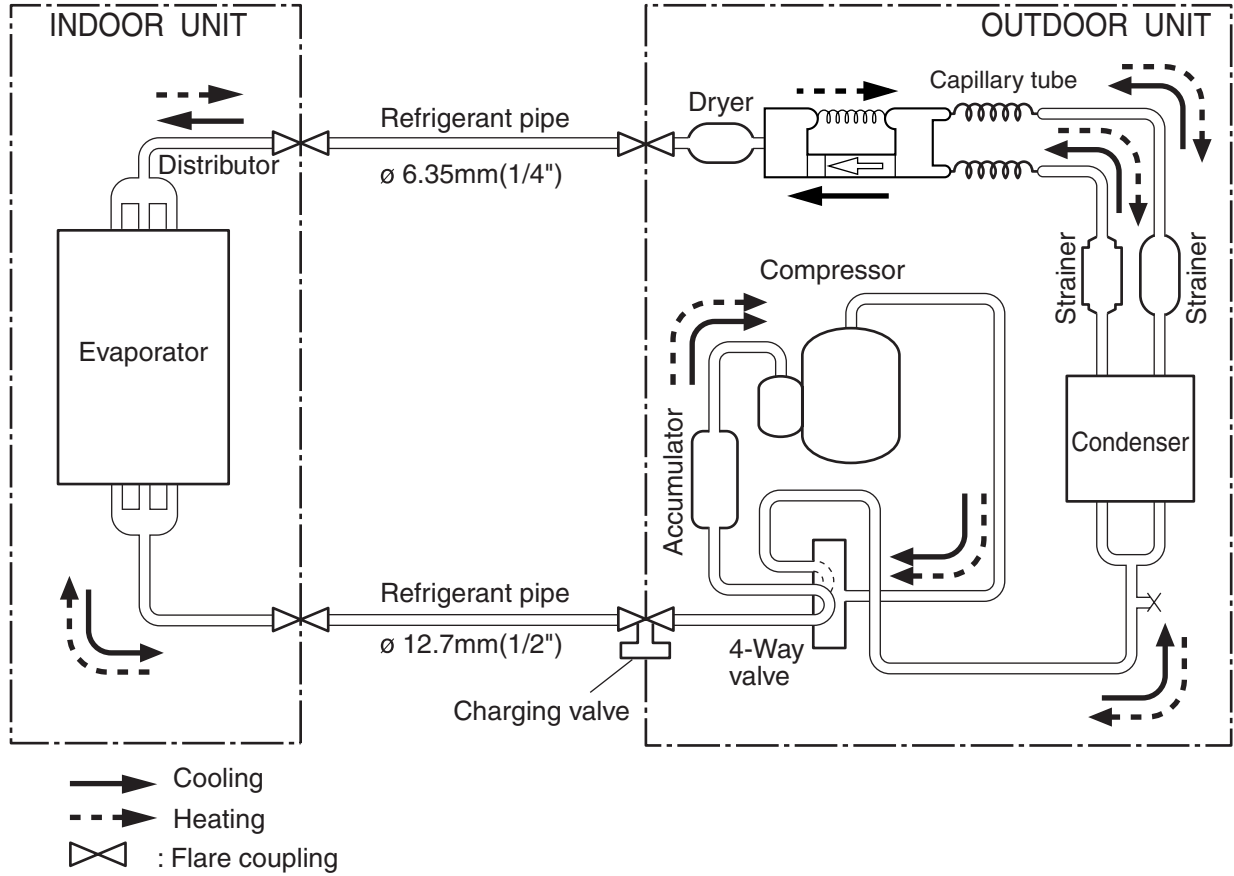


OUTDOOR UNIT



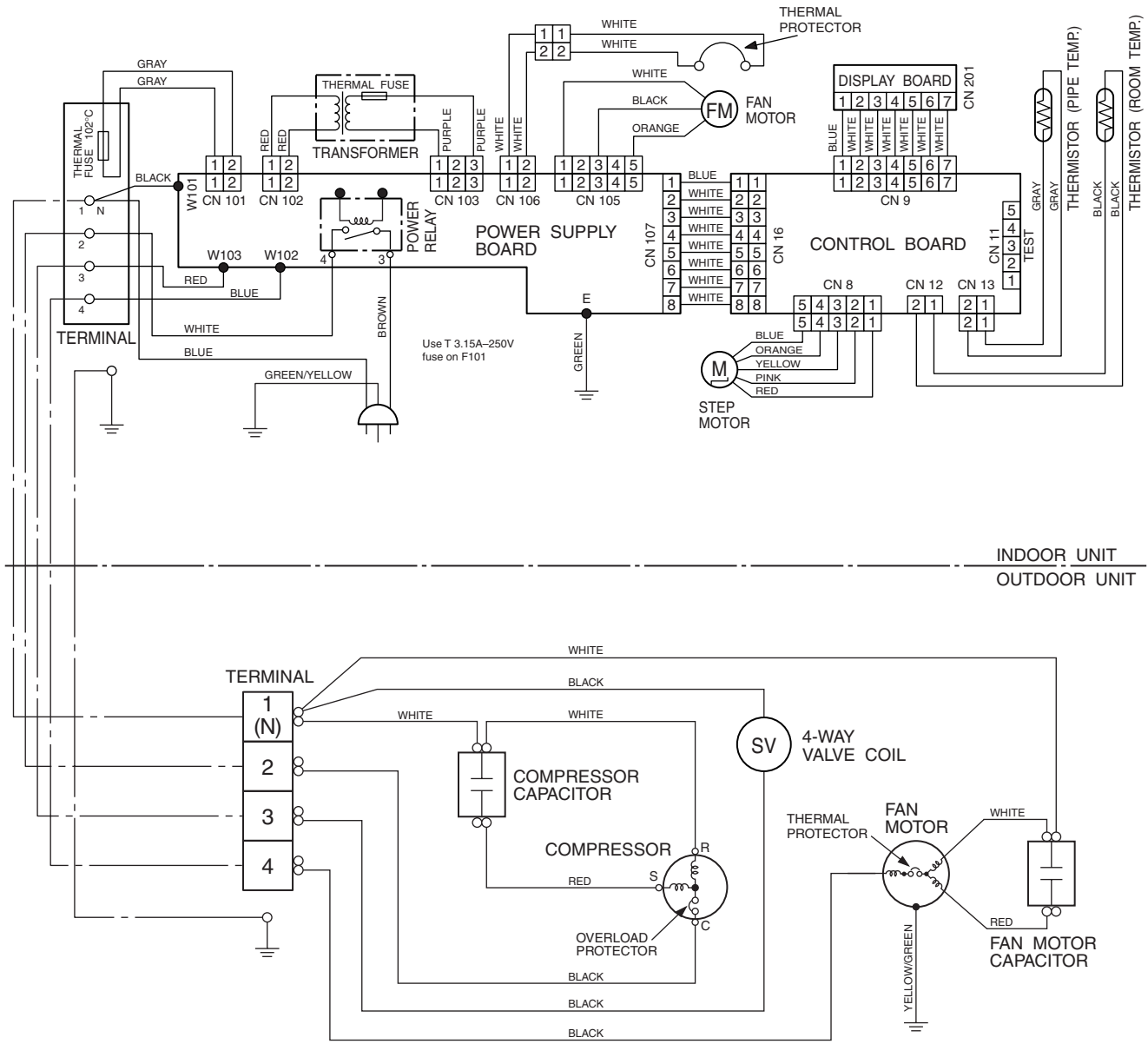
REFRIGERANT SYSTEM DIAGRAM

Models : ASY17RSCCW / AOY17RNB
 ASG17RSCCW / AOG17RNB



CIRCUIT DIAGRAM

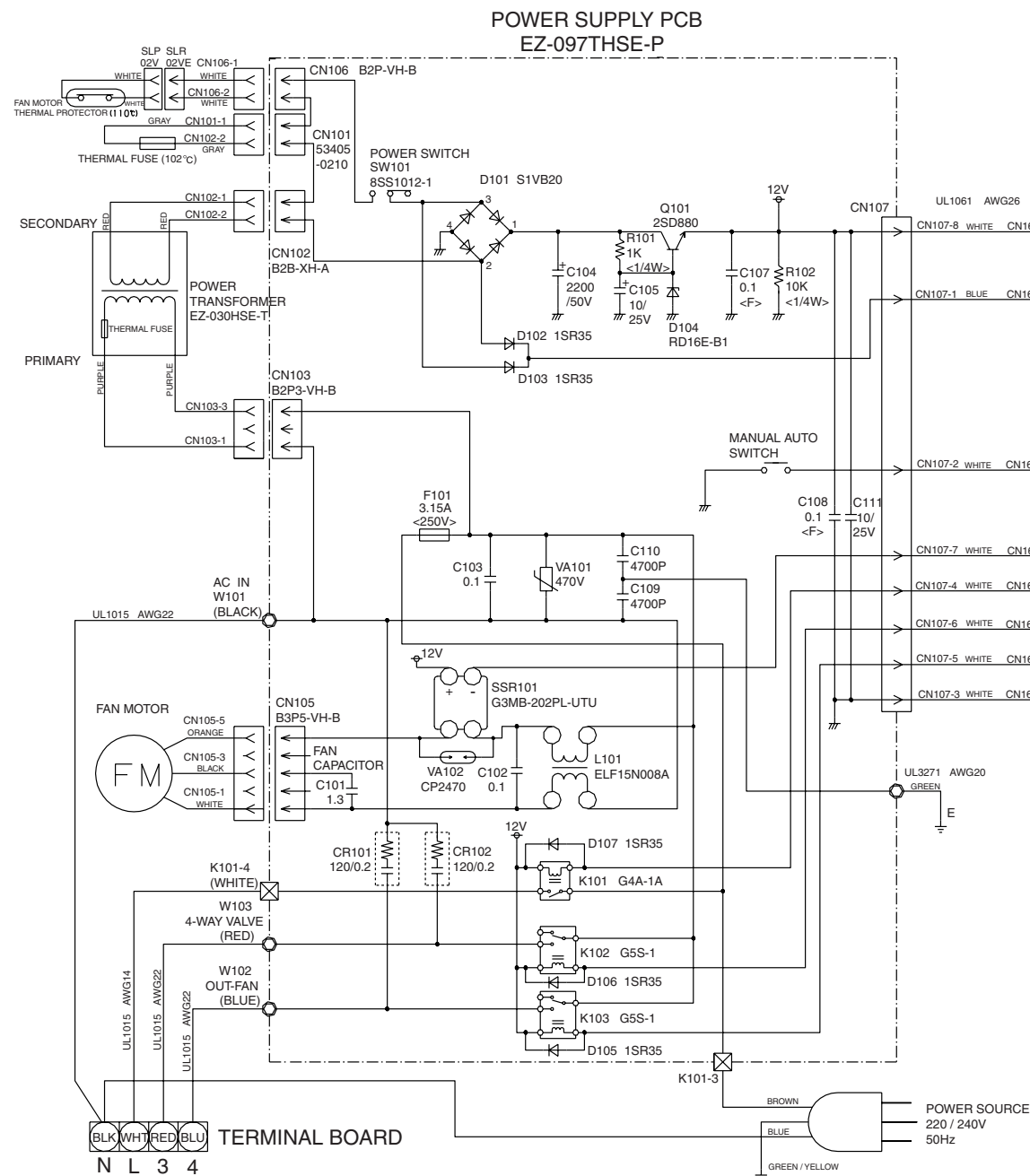
Models : ASY17RSCCW / AOY17RNB
ASG17RSCCW / AOG17RNB



INDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

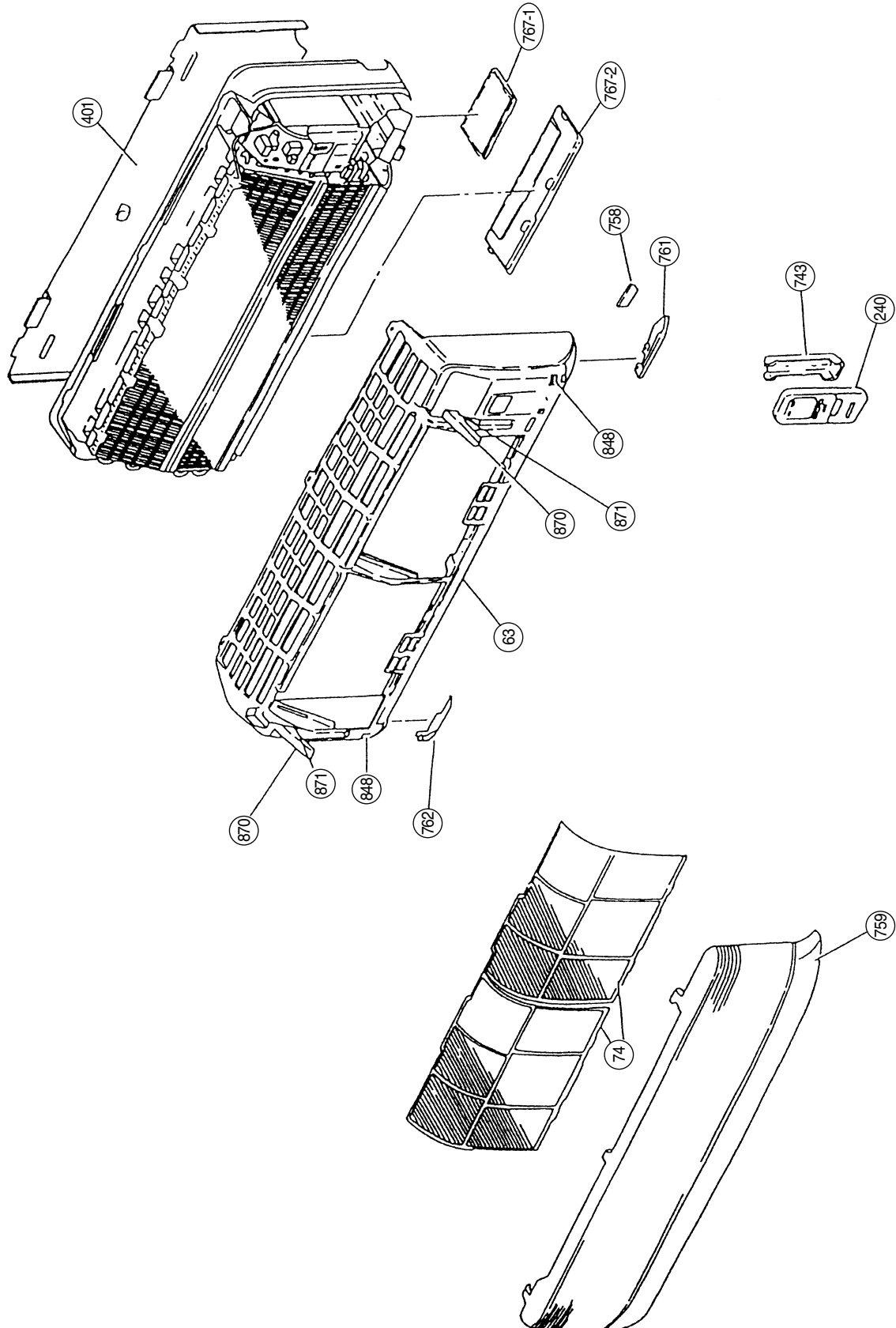
Models : ASY17RSCCW
ASG17RSCCW

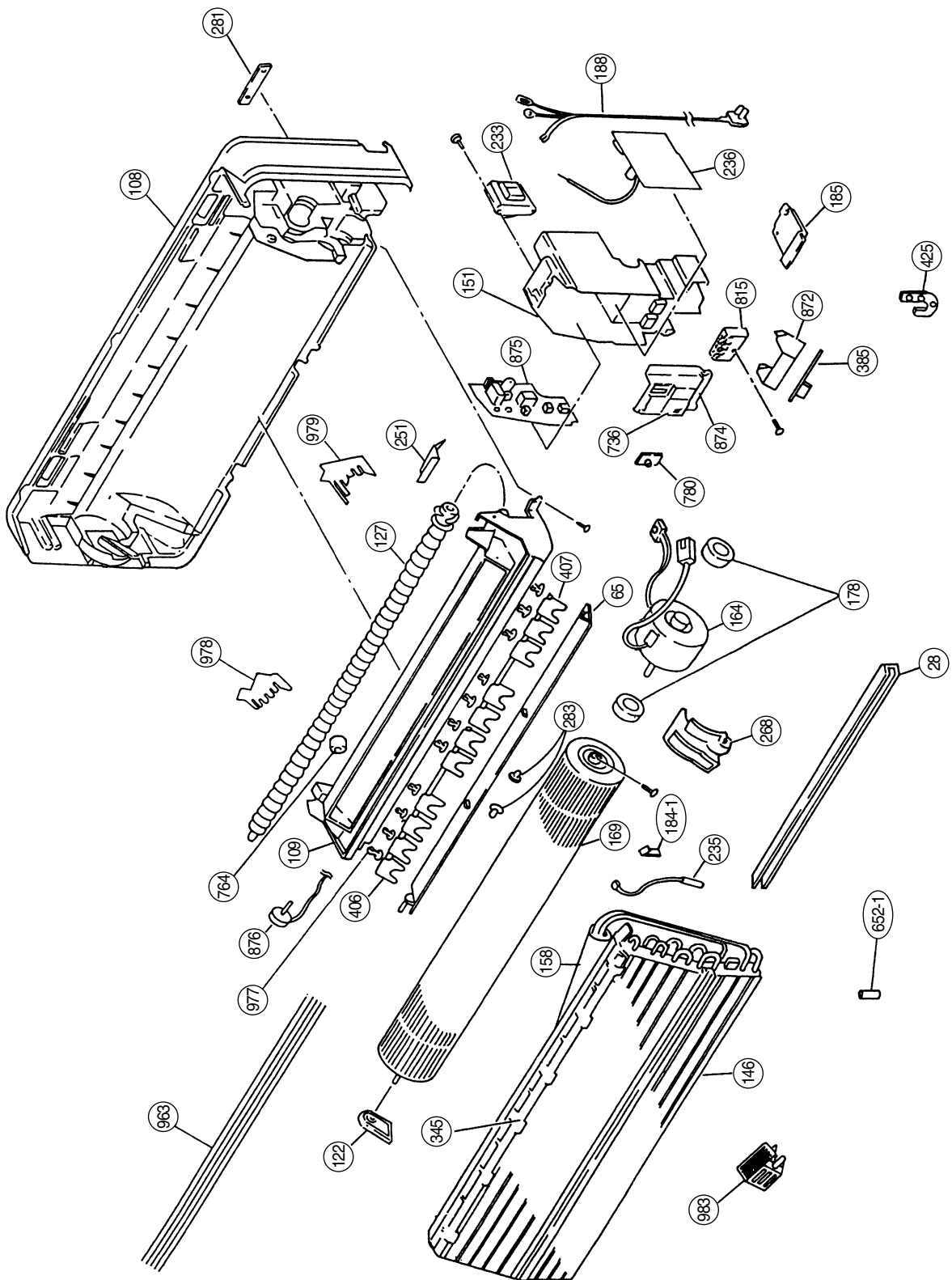
CONTROLLER PCB ASSEMBLY (MAIN PCB)
EZ-0960HSE-C (F)



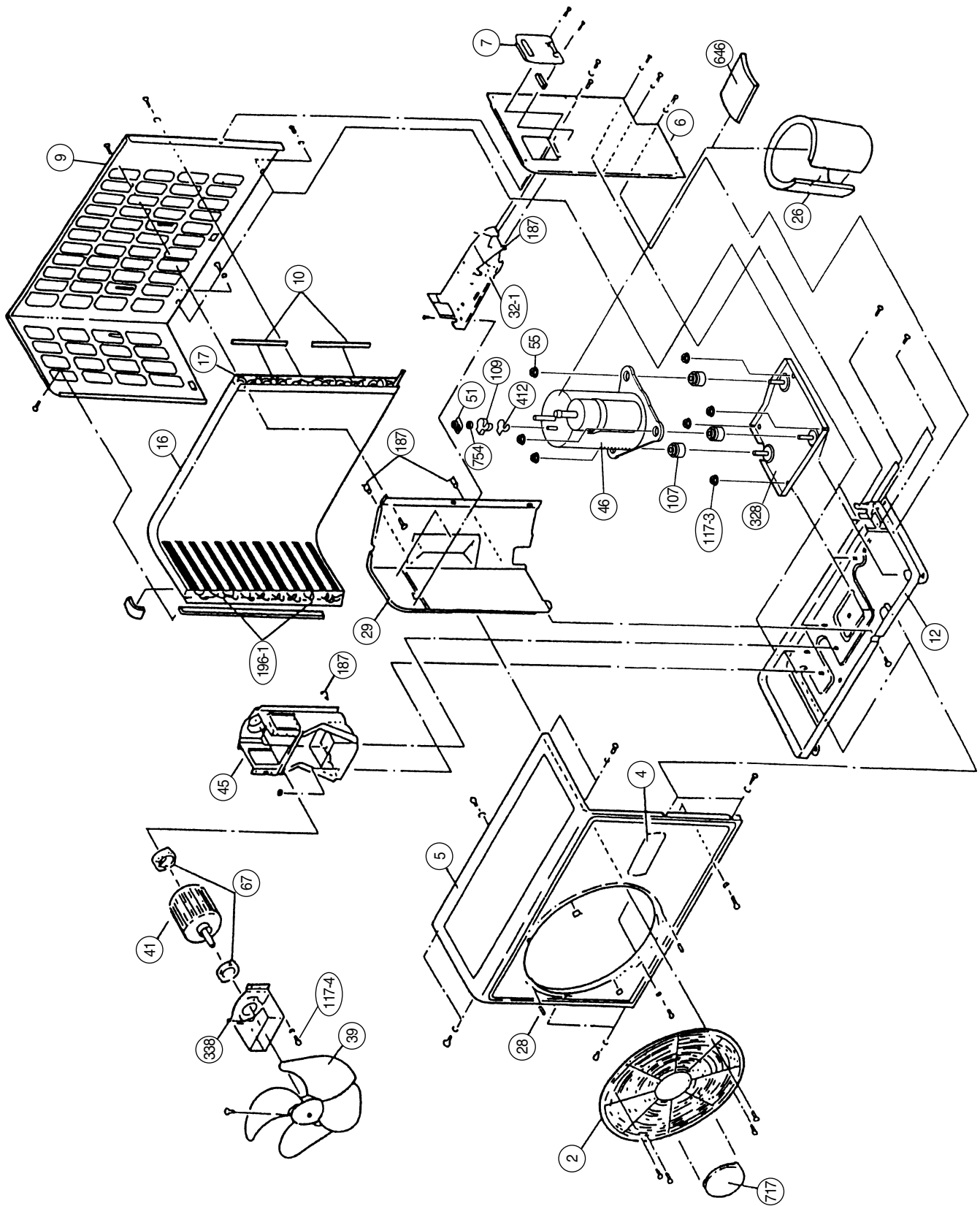
DISASSEMBLY ILLUSTRATION

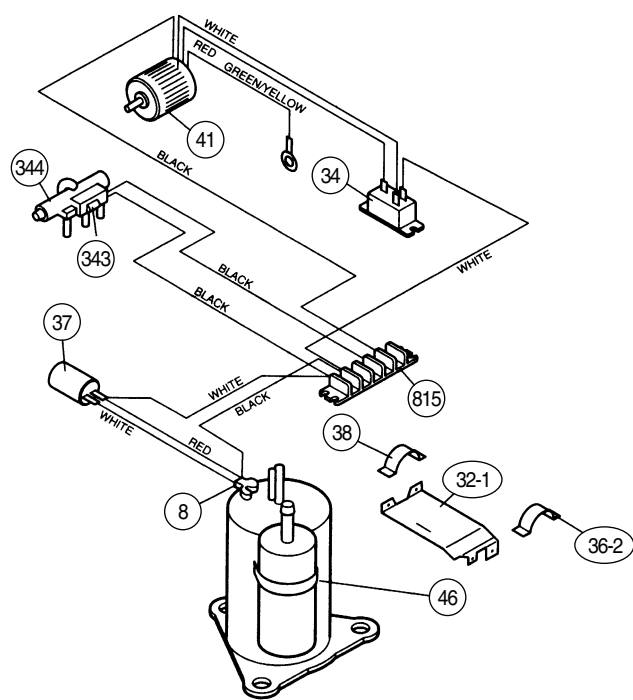
Models : ASY17RSCCW
ASG17RSCCW

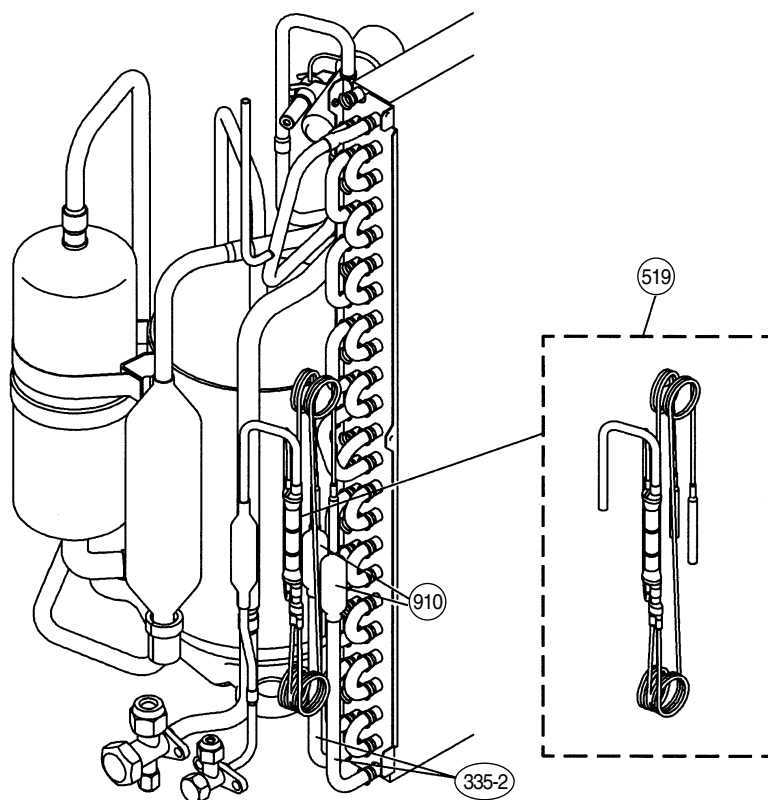
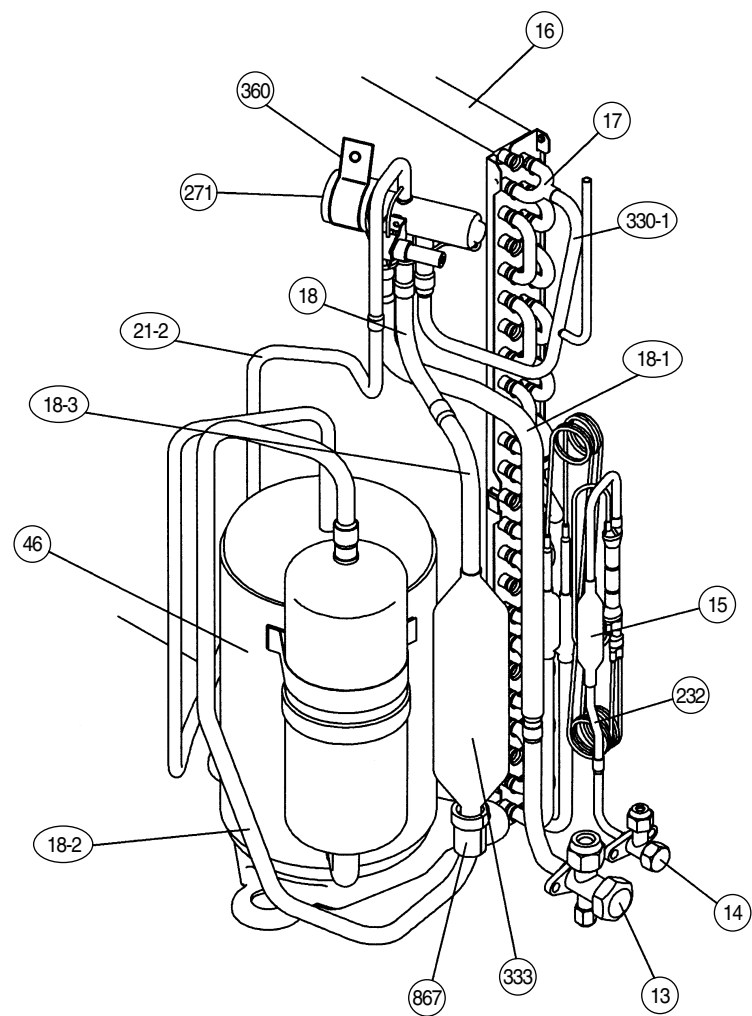




Models : AOY17RNB
AOG17RNB







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

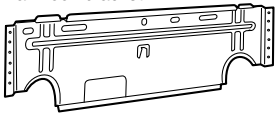
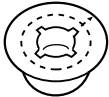
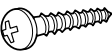
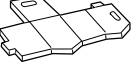
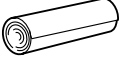
Ref. No.	Description	Part No.		Ord. Q'ty	Ref. No.	Description	Part No.		Ord. Q'ty
		ASY17RSCCW	ASG17RSCCW				ASY17RSCCW	ASG17RSCCW	
28	Blower Cover	9304111016	9304111016		406	Louver-L Assy	9354644014	9354644014	
63	Front Panel Assy	9354645028	9354645035		407	Louver-R Assy	9354643017	9354643017	
65	Flow Control Panel	9354646049	9354646056		425	Earth Terminal	9357852003	9357852003	
74	Filter	9304097013	9304097013		652-1	Thermistor Holder Pipe	313714262805	313714262805	
108	Base	9304107033	9304107033		736	Operation Panel	9354230002	9354230002	
109	Casing	9304108016	9304108016		743	Remote Control Unit Holder Case	9305642014	9305642014	
122	Shaft Holder-B Assy	9304470007	9304470007		758	Decoration Plate-A	9354223011	9354223011	
127	Drain Hose Assy	9368754013	9368754013		759	Intake Grille-B "FUJITSU"	9357856018	—	
146	Evaporator Assy	9304589006	9304589006		759	Intake Grille-B "GENERAL"	—	9357856025	
151	Control Box	9304092001	9304092001		761	Side Cover-R	9303518052	9303518069	
158	Joint Pipe Assy	9304286011	9304286011		762	Side Cover-L	9303520093	9303520123	
164	Fan Motor Assy-IN	9354513044	9354513044		764	Drain Cap Assy	9304150008	9304150008	
169	Cross-Flow Fan Assy	9306327002	9306327002		767-1	Bottom Cover-A	9303536056	9303536056	
178	Motor Cushion-G	9304669005	9304669005		767-2	Bottom Cover-B	9303537053	9303537053	
184-1	Thermistor Spring-A	313728262708	313728262708		780	Key Top (Side Switch)	9303526002	9303526002	
185	Wire Clamp	9356959000	9356959000		815	Terminal-4P	9701955039	9701955039	
188	Power Cord Assy	9900072018	9900071011		848	Catcher	9306545000	9306545000	
233	Power Transformer	9701803026	9701803026		870	Arm	9303525005	9303525005	
235	Thermistor Assy-Pipe	9702325015	9702325015		871	Arm Spring	9304377009	9304377009	
236	Controller PCB Assy	9704341037	9704341037		872	Indicator Case	9303631003	9303631003	
240	Remote Control Unit	9356602036	9356602036		874	Control Box Cover	9304094005	9304094005	
251	Hose Clamp (Drain Hose)	9304077008	9304077008		875	Power Supply PCB Assy	9702451066	9702451066	
268	Motor Cover-B	9304231004	9304231004		876	Step Motor	9304535003	9304535003	
281	Clamp Metal (Pipe)	9304242000	9304242000		963	Fan Guard	9356881011	9356881011	
283	Bushing-A	9303529010	9303529010		977	Louver Clip, Plastic	9356880014	9356880014	
345	Filter Guide	9304110019	9304110019		978	Wire Bracket-L	9356878011	9356878011	
385	Indicator PCB Assy	9701119219	9701119219		979	Wire Bracket-R	9356877014	9356877014	
401	Wall Hook Bracket	9304093008	9304093008		983	Thermistor Protect Cover	9356882001	9356882001	

OUTDOOR UNIT

Ref. No.	Description	Part No.		Ord. Q'ty	Ref. No.	Description	Part No.		Ord. Q'ty
		AOY17RNB	AOG17RNB				AOY17RNB	AOG17RNB	
2	Fan Cover	9350214020	9350214020		41	Fan Motor Assy-Out	9600738023	9600738023	
4	Emblem-Rear "FUJITSU"	9351355005	—		45	Motor Fixing Table Assy	313029311100	313029311100	
4	Emblem-Rear "GENERAL"	—	313791088308		46	Compressor Assy	9368175009	9368175009	
5	Cabinet-A, Painted	9303876015	9303876015		51	Special Nut M5 (For Comp.)	9300301015	9300301015	
6	Cabinet-C, Painted	9353549013	9353549013		55	Special Nut M8 (For Comp.)	9355091008	9355091008	
7	Connector Cover	9358011010	9358011010		67	Rubber (Vibration-proof)	313659068604	313659068604	
8	Wire Assy (Shield Tube)-D	9370945027	9370945027		107	Rubber Seat (For Comp.)-A	9351049010	9351049010	
9	Cabinet-B, Painted	9303874011	9303874011		109	Terminal Cover (Comp.)	9351048013	9351048013	
10	Noise Insulation-E	313791106305	313791106305		117-3	Hex. Nut	301721180114	301721180114	
12	Base Assy, Painted	9353452054	9353452054		187	Clamp No. 1219	313361271706	313361271706	
13	3-Way Valve Assy	9364524009	9364524009		196-1	Clamp SKB-3M	312300787605	312300787605	
14	2-Way Valve	9358023013	9358023013		232	Joint Pipe (Dryer)	93741295015	93741295015	
15	Dryer	9368112011	9368112011		271	4-Way Valve Rubber	313728251908	313728251908	
16	Condenser Assy	9353455048	9353455048		328	Compressor Plate-B	9363049039	9363049039	
17	"U" Pipe-Y	313728127102	313728127102		330-1	Inlet Pipe-A Assy	9366859017	9366859017	
18	Suction Pipe-D	9367135004	9367135004		333	Accumulator	9350363018	9350363018	
18-1	Suction Pipe-E	9371349015	9371349015		335-2	Outlet Pipe-B	9365391020	9365391020	
18-2	Suction Pipe-B	9371275031	9371275031		338	Motor Fixture Metal	313029297108	313029297108	
18-3	Suction Pipe-C	9371276021	9371276021		343	Solenoid Coil	9704061010	9704061010	
19-3	Capillary Tube (Cool)	9365395073	9365395073		344	4-Way Valve	9307556012	9307556012	
21-2	Discharge Pipe	9369562006	9369562006		360	4-Way Valve Band	313986251802	313986251802	
26	Compressor Cover-A	9363620007	9363620007		412	Terminal Gasket (Comp.)	9351051013	9351051013	
28	Insulation (Fan Cover)	313791345206	313791345206		519	Ristrictor Valve Assy	9365392089	9365392089	
29	Separate Wall	313986033213	313986033213		646	Compressor Cover-B	9363021004	9363021004	
32-1	Control Box Metal-A	9365672013	9365672013		717	Center Plate	9350216017	9350216017	
34	Capacitor (Fan Motor)	9357965017	9357965017		754	Terminal Gasket Washer	9351053017	9351053017	
36-2	Cord Holder Metal	9356362008	9356362008		815	Terminal-5P	9356497021	9356497021	
37	Running Capacitor	9704436023	9704436023		867	Accumulator Holder Rubber	9354022027	9354022027	
38	Clamp Metal (Capacitor)	9351770013	9351770013		910	Strainer-B	9365099018	9365099018	
39	Propeller Fan Assy	9300855013	9300855013						

STANDARD ACCESSORIES

INDOOR UNIT ACCESSORIES

Name and Shape	Part No.
Wall hook bracket 	9304093008
Wall cap 	313714296205
Remote control unit 	9356602036 (AR-AB10)
Battery (penlight) 	0600185534
Cable mark 	9301385007
Tapping screw (big) (φ 4 x 20) 	301141164200
Tapping screw (small) (φ 3 x 12) 	0700019036
Flange screw (φ 4 x 10) 	9305114009
Spacer 	
Remote control unit holder case 	9305642014
Cloth tape 	9308117007
Seal-A 	9304536000

OUTDOOR UNIT ACCESSORIES

Name and Shape	Part No.
Hexagon wrench 	9351228019
Drain pipe 	313728031005
Flexible tube 	313013042915
Drain cap 	313166024302

