

HIGH POWER MULTI AIR CONDITIONER 10000 WALL MOUNTED type CASSETTE type

SERVICE MANUAL

Models

Indoor unit	Outdoor unit
ASY12RMACW-	- AOY20RMAM2
ASY7RMACW—	
AUY12RMA	- AOY20RMAM2
ASY7RMACW ─	
ASY12RMACW-	- AOY24RMAM2
ASY12RMACW [□]	
AUY12RMA	- AOY24RMAM2
AUY12RMA ——	

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FUJITSU GENERAL LIMITED



Большая библиотека технической документации

https://splitsystema48.ru/instrukcii-po-ekspluatacii-kondicionerov.htm

каталоги, инструкции, сервисные мануалы, схемы.

SPECIFICATIONS

TYPE			COOL & HE	EAT
INDOOR UNIT		ASY12RMACW	ASY7RMACW	UNIT A & UNIT B
OUTDOOR UNIT		AOY20RMAM2		
OPERATION		UNIT A	UNIT B	2 UNITS
COOLING CAPACITY	(kW)	3.45 - 3.45	2.25 - 2.25	5.70 - 5.70
HEATING CAPACITY	(kW)	4.10 - 4.10	2.80 - 2.80	6.90 - 6.90

ELECTRICAL DATA

POWER SOURCE	(V)	220 - 240			
FREQUENCY	(Hz)	50			
DUNNING CUDDENT (A)	COOLING	6.30 - 6.40	4.60 - 4.60	10.6 - 10.8	
RUNNING CURRENT (A)	HEATING	6.70 - 6.80	5.30 - 5.30	11.1 - 11.3	
 INPUT WATTS (kW)	COOLING	1.36 - 1.44	0.98 - 1.04	2.28 - 2.42	
INFOT WATTS (KW)	HEATING	1.44 - 1.54	1.12 - 1.18	2.38 - 2.52	
EER (kW/kW)	COOLING	2.54 - 2.40	2.30 - 2.16	2.50 - 2.36	
EER (KVV/KVV)	HEATING	2.85 - 2.66	2.50 - 2.37	2.90 - 2.74	
MOISTURE REMOVAL	. (Q /hr)	1.6	1.0	2.6	
AIR CIRCULATION-Hi	(m³/hr)	495	380	3,000 (Outdoor unit)	

COMPRESSOR

TYPE			Hermetic type, Permanent split condenser, 2 pole, Single phase, Induction motor				
CODE			[RH247VHAT] [RH167VHAT] 220 - 240V 50Hz 220 - 240V 50Hz				
REFRIGERANT	R-22	(g)	1,100 x 2				

FAN MOTOR

POWER SOURC	E (V)		220 - 240		
	HI-SPEED (r.p.m.)	1,330(1,330)	1,330(1,330)		
INDOOR UNIT	MED-SPEED (r.p.m.)	1,260(1,180)	1,260(1,180)	-	
COOL (HEAT)	LO-SPEED (r.p.m.)	1,190(1,030)	1,190(1,030)		
	QUIET (r.p.m.)		1,100(970)		
OUTDOOR UNIT	HI-SPEED (r.p.m.)	720			
OUTDOOR UNIT	LO-SPEED(r.p.m.)	450			

DIMENSIONS

INDOOR UNIT H x W x D (mm)	260 x 815 x 168
OUTDOOR UNIT	700 x 900 x 350

WEIGHTS

INDOOR UNIT GROSS / NET (kg)	10 / 8
OUTDOOR UNIT GROSS / NET (kg)	85 / 73

TYPE		COOL & HEAT			
INDOOR UNIT		AUY12RMA	ASY7RMACW	UNIT A & UNIT B	
OUTDOOR UNIT		AOY20RMAM2			
OPERATION		UNIT A	UNIT B	2 UNITS	
COOLING CAPACITY	(kW)	3.50 - 3.50	2.25 - 2.25	5.75 - 5.75	
HEATING CAPACITY	(kW)	4.10 - 4.10	2.80 - 2.80	6.90 - 6.90	

ELECTRICAL DATA

POWER SOURCE	(V)		220 - 2	40	
FREQUENCY	(Hz)	50			
DUNING CUDDENT (A)	COOLING	6.70 - 6.80	4.60 - 4.60	10.7 - 10.9	
RUNNING CURRENT (A)	HEATING	7.00 - 7.10	5.30 - 5.30	11.2 - 11.4	
INPUT WATTS (kW)	COOLING	1.46 - 1.54	0.98 - 1.04	2.32 - 2.46	
	HEATING	1.53 - 1.61	1.12 - 1.18	2.42 - 2.56	
EER (kW/kW)	COOLING	2.40 - 2.27	2.30 - 2.16	2.48 - 2.34	
CCIT (KAA/KAA)	HEATING	2.68 - 2.55	2.50 - 2.37	2.85 - 2.70	
MOISTURE REMOVAL	_ (1.5	1.0	2.5	
AIR CIRCULATION-Hi	(m³/hr)	550	380	3,000 (outdoor unit)	

COMPRESSOR

TYPE			Hermetic type, Permanent split condenser, 2 pole, Single phase, Induction motor				
CODE			[RH247VHAT] [RH167VHAT] 220 - 240V 50Hz 220 - 240V 50Hz				
REFRIGERANT	R-22	(g)	1,100 x 2				

FAN MOTOR

POWER SOURCE	E (V)		220 - 240		
Transition of the state of the	HI-SPEED (r.p.m.)	740(740)	1,330(1,330)		
INDOOR UNIT	MED-SPEED (r.p.m.)	660(660)	1,260(1,180)		
COOL (HEAT) LO-SPEED(r	LO-SPEED(r.p.m.)	580(580)	1,190(1,030)		
QUIET (r.p.m.)			1,100(970)		
	HI-SPEED (r.p.m.)	720			
OUTDOOR UNIT	LO-SPEED(r.p.m.)	450			

DIMENSIONS

INDOOR UNIT		235 x 580 x 580 + 70	260 x 815 x 168	
GRILLE	HxWxD (mm)	35 x 650 x 650		
OUTDOOR UNIT			700 x 90	0 x 350

WEIGHTS

INDOOR UNIT		23 / 18	10 / 8	
GRILLE	GROSS / NET (kg)	4.3 / 2.2		
OUTDOOR UNIT			85 /	73

TYPE		COOL & HEAT				
INDOOR UNIT		ASY12	RMACW	AUY12RMA		
OUTDOOR UNIT		AOY24RMAM2				
OPERATION		1 UNIT	2 UNITS	1 UNIT	2 UNITS	
COOLING CAPACITY	(kW)	3.50 - 3.55	6.90 - 7.00	3.55 - 3.60	7.00 - 7.20	
HEATING CAPACITY	(kW)	4.20 - 4.20	8.20 - 8.20	4.20 - 4.20	8.20 - 8.20	

ELECTRICAL DATA

POWER SOURCE	(V)	220 - 240 50					
FREQUENCY	(Hz)						
RUNNING CURRENT (A)	COOLING	6.40 - 6.40	13.0 - 13.0	6.60 - 6.80	13.3 - 13.3		
HOMINING CORNEINT (A)	HEATING	7.00 - 7.00	12.9 - 13.3	7.00 - 7.00	12.7 - 13.0		
INPUT WATTS (kW)	COOLING	1.37 - 1.44	2.80 - 2.93	1.40 - 1.47	2.86 - 2.99		
	HEATING	1.50 - 1.58	2.78 - 2.97	1.50 - 1.58	2.73 - 2.92		
EER (kW/kW)	COOLING	2.55 - 2.47	2.46 - 2.39	2.54 - 2.45	2.44 - 2.41		
(KVV/KVV)	HEATING	2.80 - 2.66	2.95 - 2.76	2.80 - 2.66	3.00 - 2.81		
MOISTURE REMOVAL	. (Q /hr)	1.6	16 x 2	1.5	1.5 x 2		
AIR CIRCULATION-Hi	(m³/hr)	495	495 x 2	550	550 x 2		

COMPRESSOR

TYPE			Hermetic type, Permanent split condenser, 2 pole, Single phase, Induction motor
CODE			RH247VHAT x 2 220 - 240 V 50Hz
REFRIGERANT	R-22	(g)	1,050 x 2

FAN MOTOR

POWER SOURCE	E (V)	220 - 2	240
	HI-SPEED (r.p.m.)	1,330(1,330)	740(740)
INDOOR UNIT	MED-SPEED (r.p.m.)	1,260(1,180)	660(660)
COOL (HEAT)	LO-SPEED (r.p.m.)	1,190(1,030)	580(580)
	QUIET (r.p.m.)	1,100(970)	Mark III
OUTDOOR UNIT	HI-SPEED (r.p.m.)	750	
OUTDOOK UNIT	LO-SPEED(r.p.m.)	470)

DIMENSIONS

INDOOR UNIT	260 x 815 x 168	235 x 580 x 580 + 70	
GRILLE H x W x D (mm)		35 x 650 x 650	
OUTDOOR UNIT	700 x 90	0 x 350	

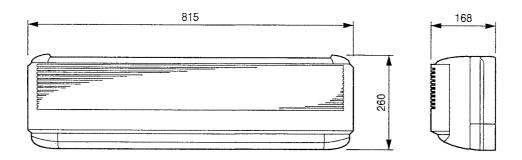
WEIGHTS

INDOOR UNIT		10 / 8	23 / 18
GRILLE	GROSS / NET (kg)		4.3 / 2.2
OUTDOOR UNIT		85 /	74

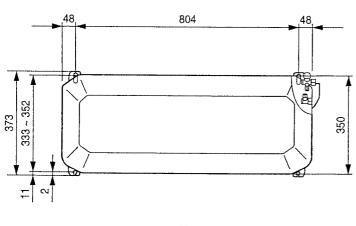
OUTLINE AND DIMENSIONS

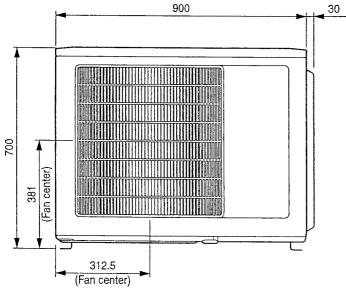
INDOOR UNIT (WALL MOUNTED type)

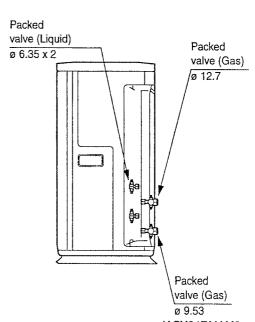
(Unit: mm)



OUTDOOR UNIT (AOY20RMAM2, AOY24RMAM2)

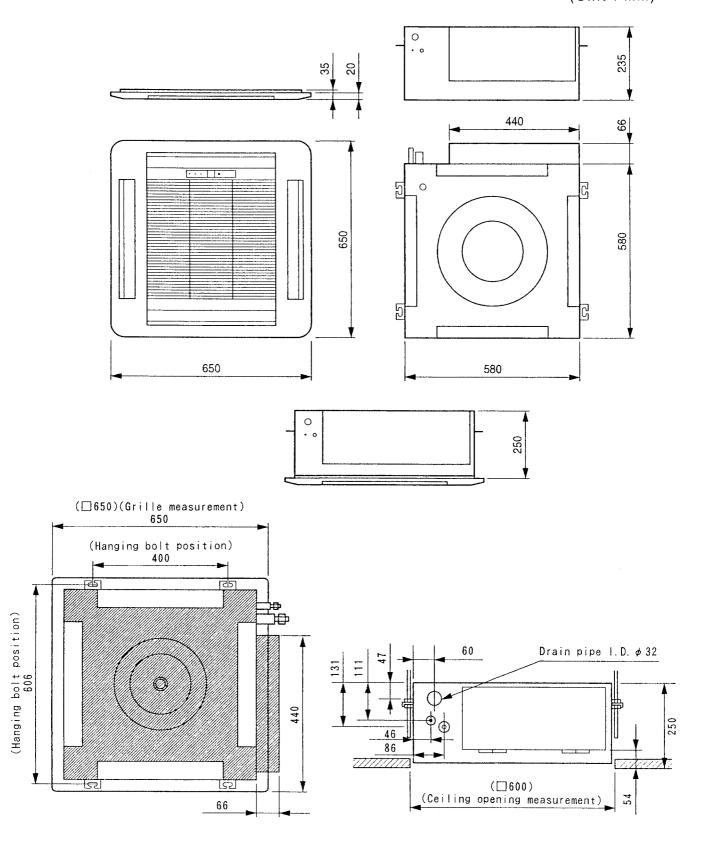






(AOY24RMAM2 : ϕ 12.7)

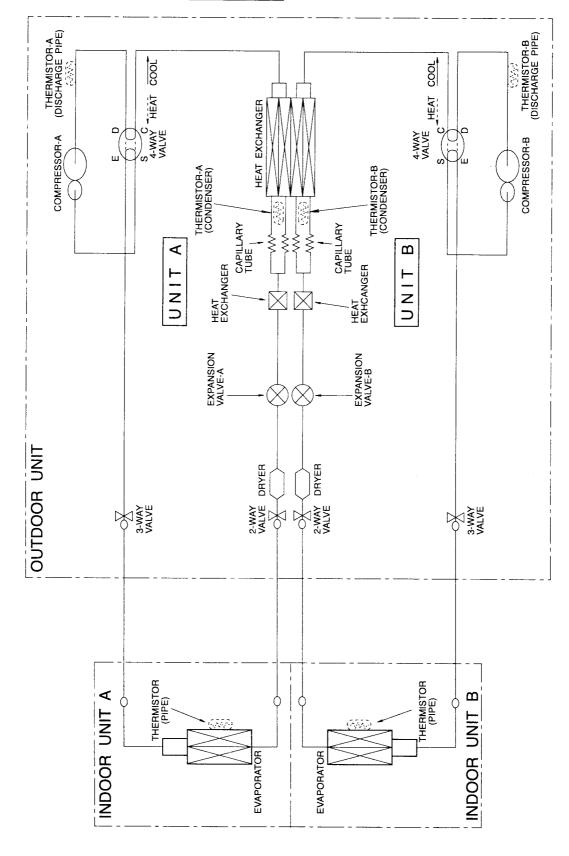
(Unit: mm)



REFRIGERANT SYSTEM DIAGRAM

Models

ASY12RMACW / AOY20RMAM2 ASY7RMACW / AOY20RMAM2 ASY7RMACW / AOY20RMAM2 ASY12RMACW x 2 / AOY24RMAM2 AUY12RMA x 2 / AOY24RMAM2



an

GRAY 2 2 8 1 1 1 8

THERMAL

UNIT A

W104 W101

TERMINAL

.D RED 2 2 8 1 1 1 8

RAY 2 2 2 8 1 1 1 8

THERMAL

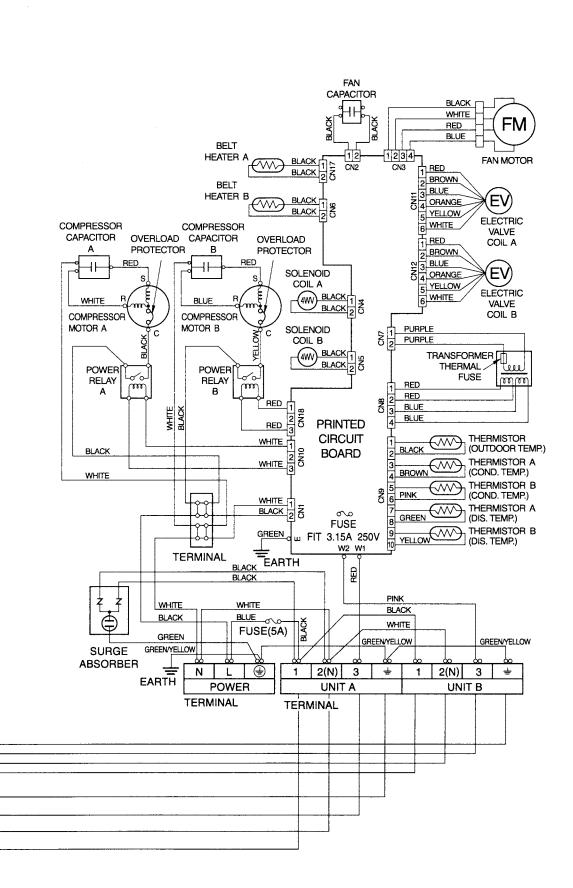
UNIT B

FUSE 102°C

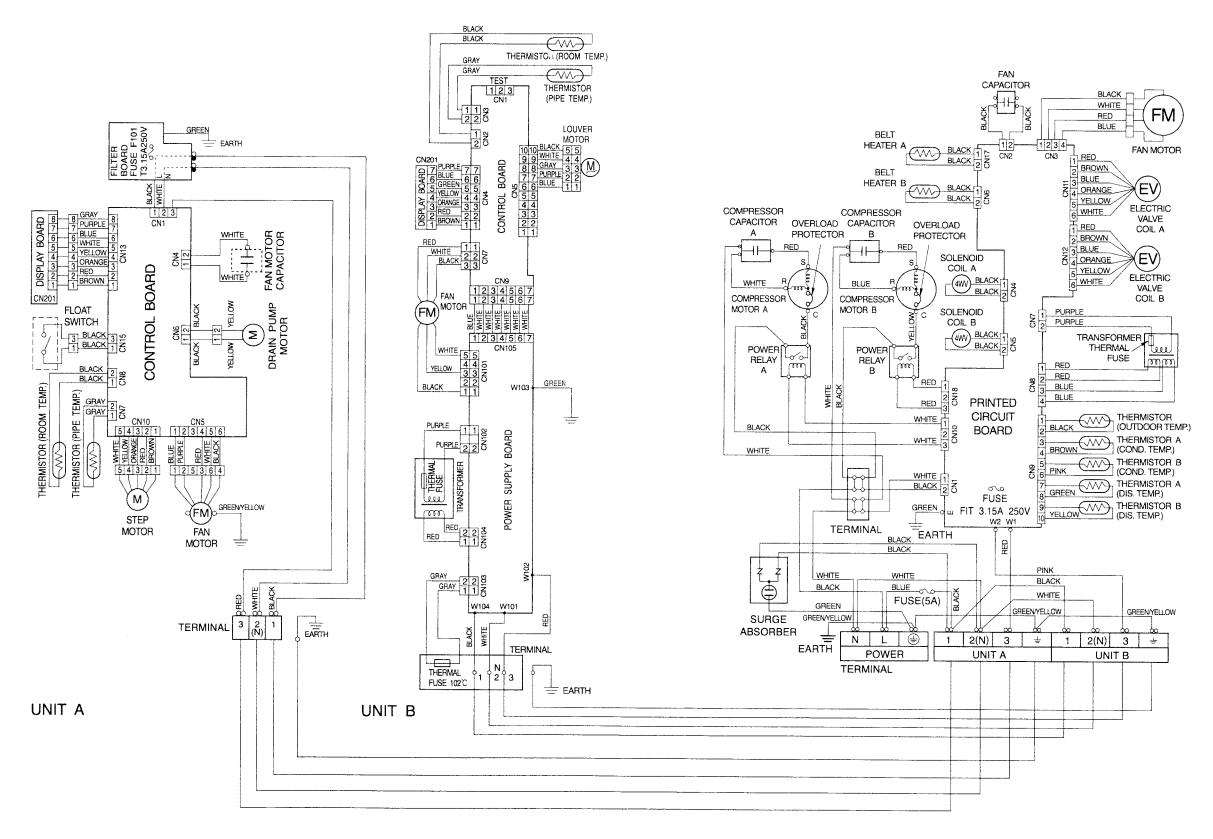
W104 W101

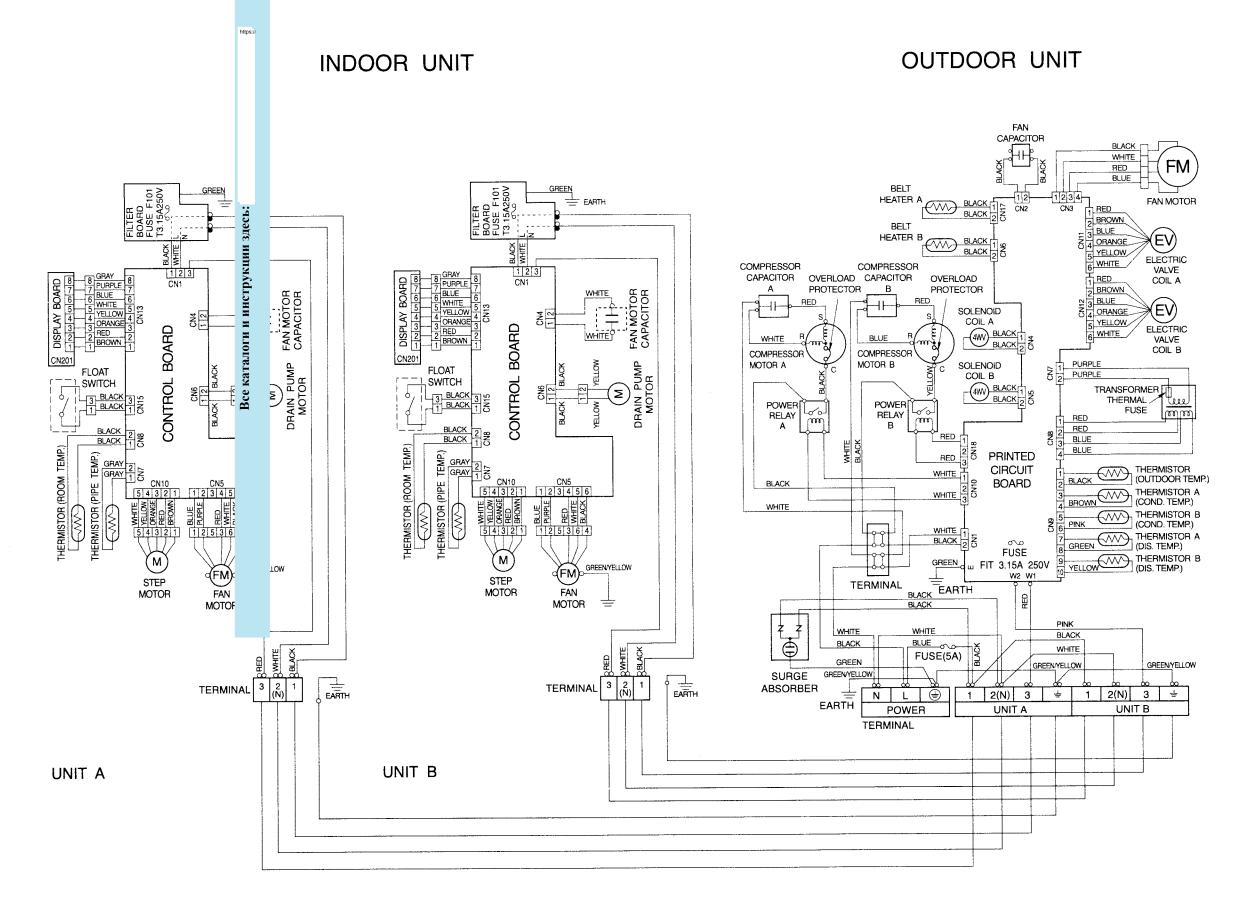
TERMINAL

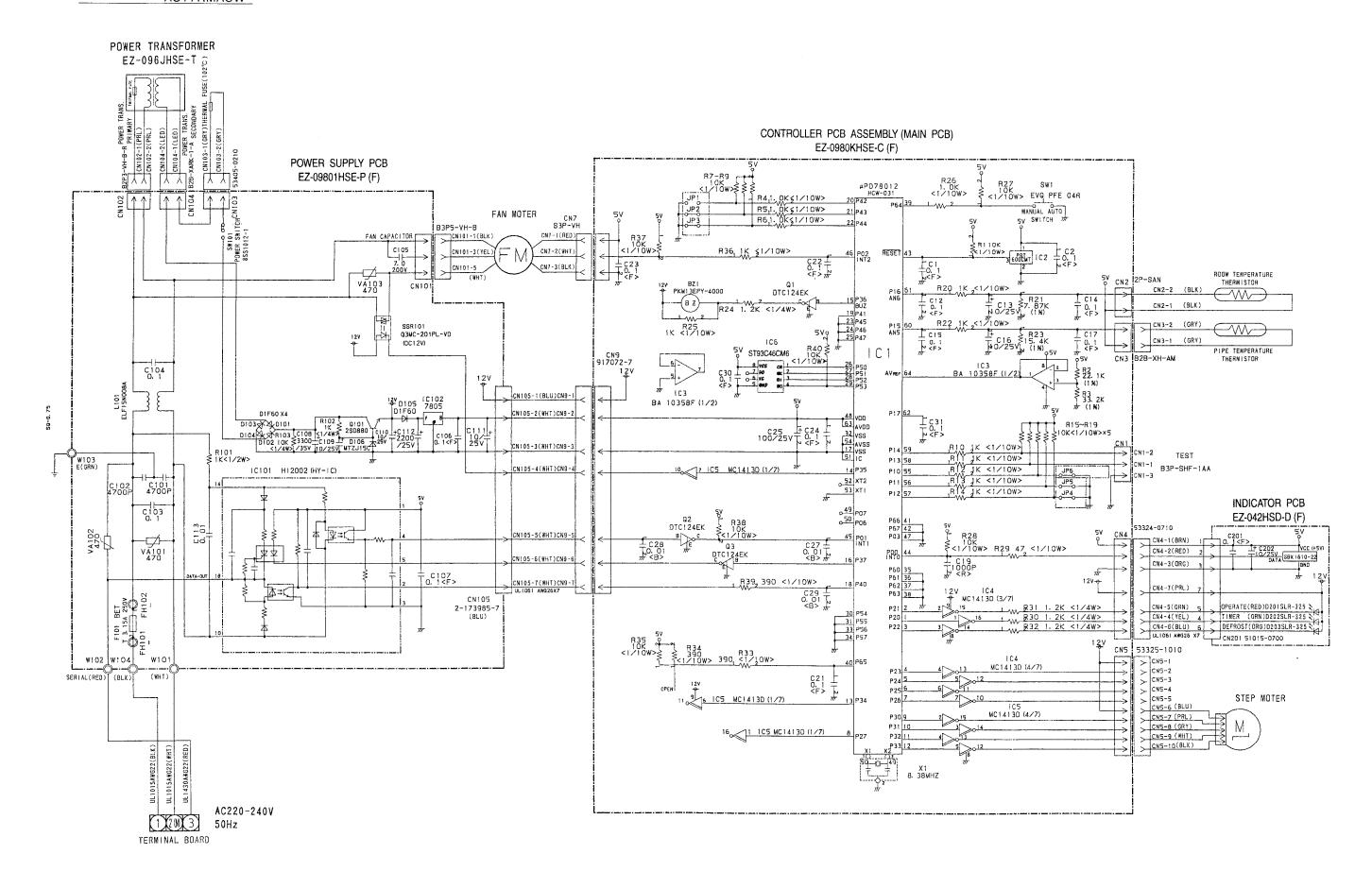
OUTDOOR UNIT



OUTDOOR UNIT

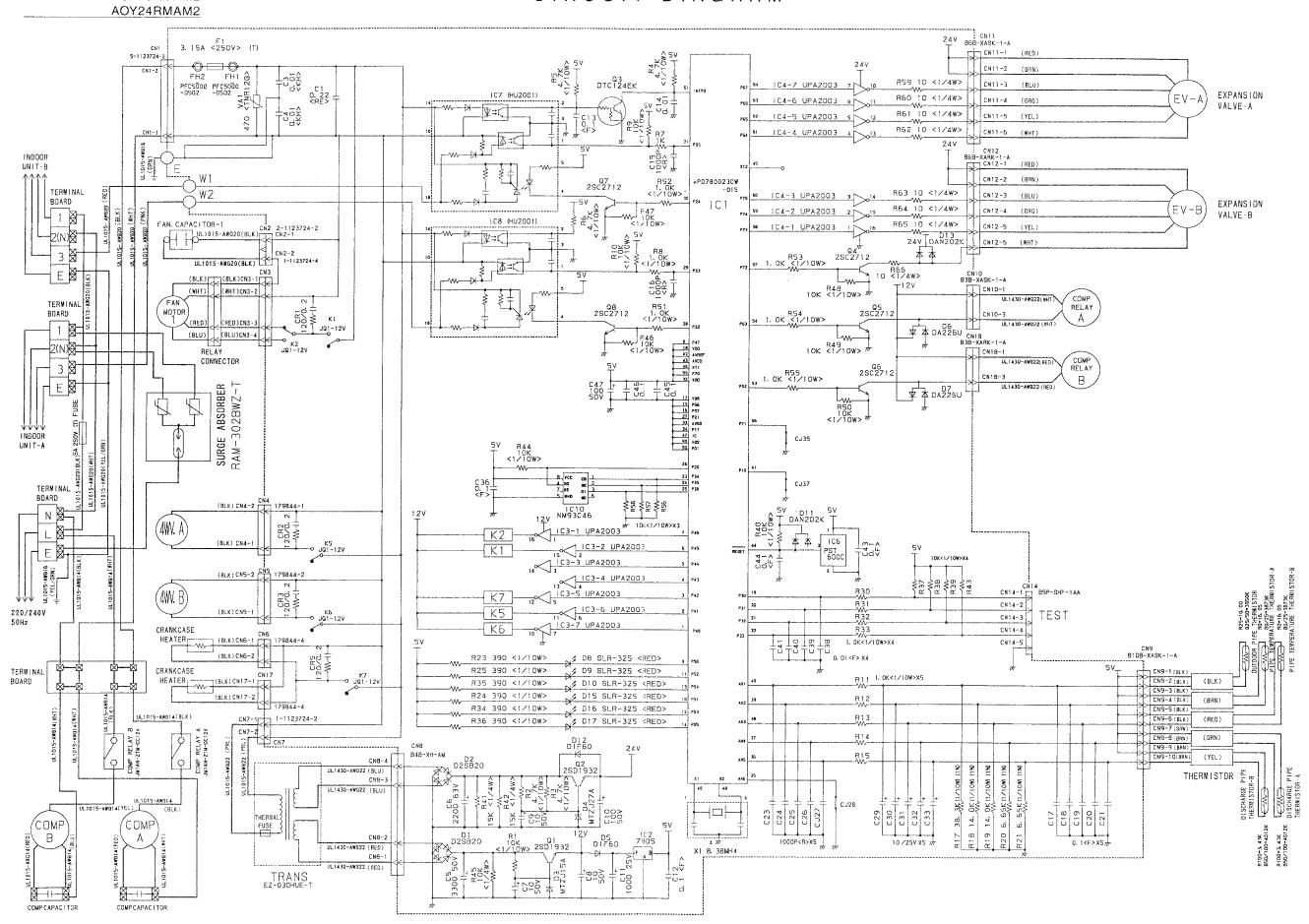




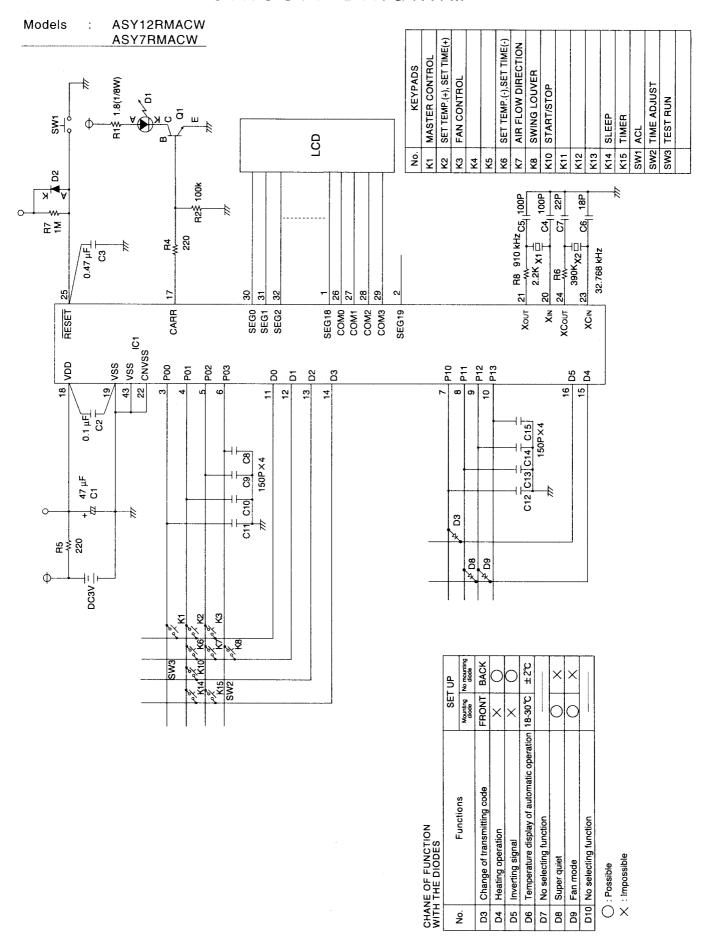


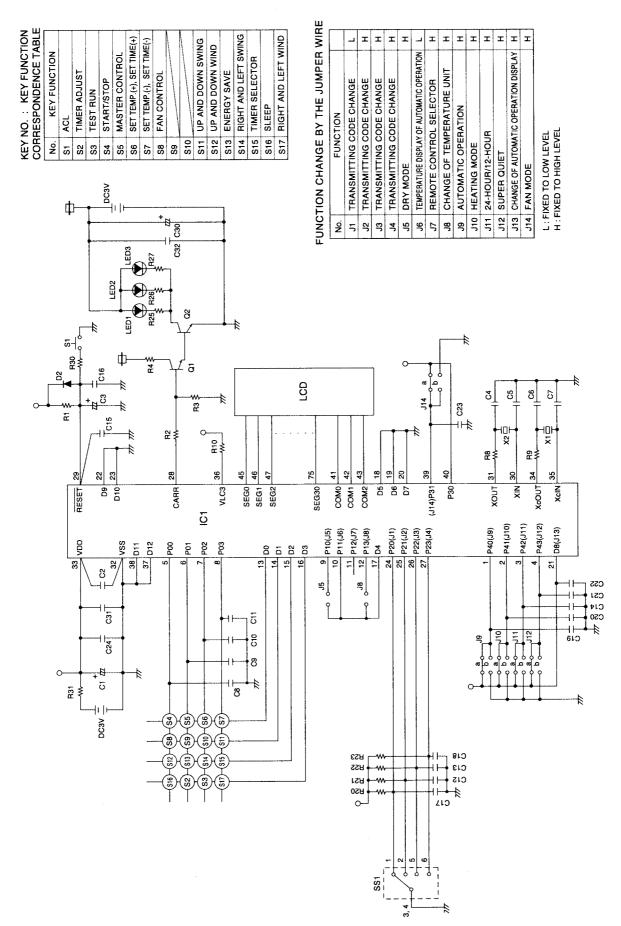
OUTDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

Models : AOY20RMAM2



REMOTE CONTROL UNIT CIRCUIT DIAGRAM



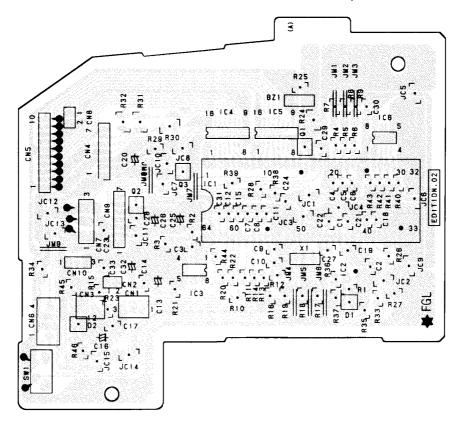


INDOOR P.C.BOARD LAYOUTS

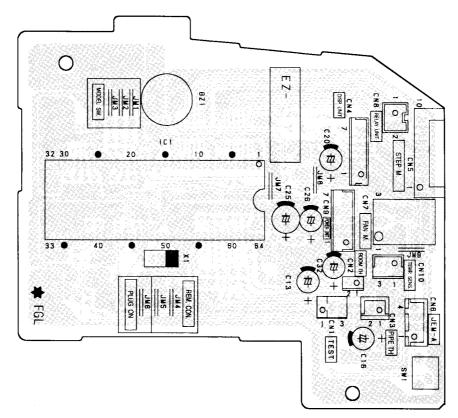
Models : ASY12RMACW ASY7RMACW

CONTROLLER P.C.BOARD ASSEMBLY

(Viewed from the solder side)

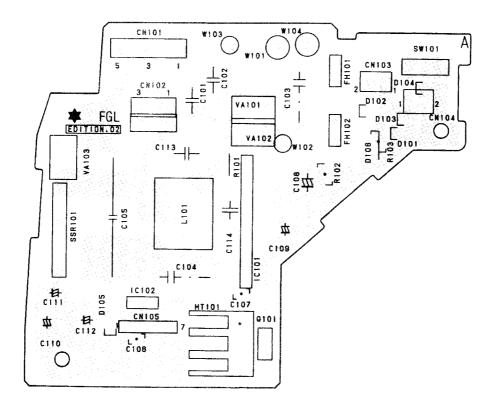


(Viewed from the component side)



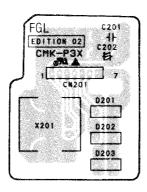
POWER SUPPLY P.C.BOARD ASSEMBLY

(Viewed from the solder side)



INDICATOR P.C.BOARD ASSEMBLY

(Viewed from the solder side)

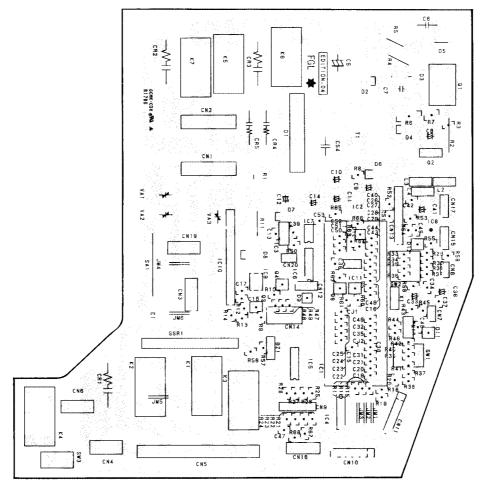


P. C. BOARD LAYOUTS

Model: AUY12RMA

CONTROLLER P. C. BOARD ASSEMBLY

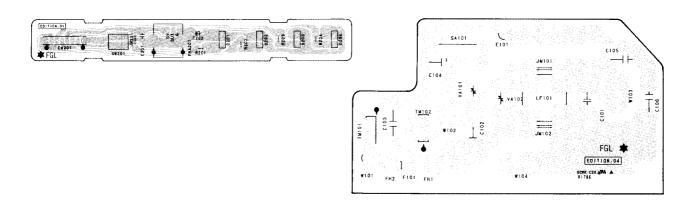
(Viewed from the solder side)



INDICATOR P. C. BOARD ASSEMBLY

(Viewed from the solder side)

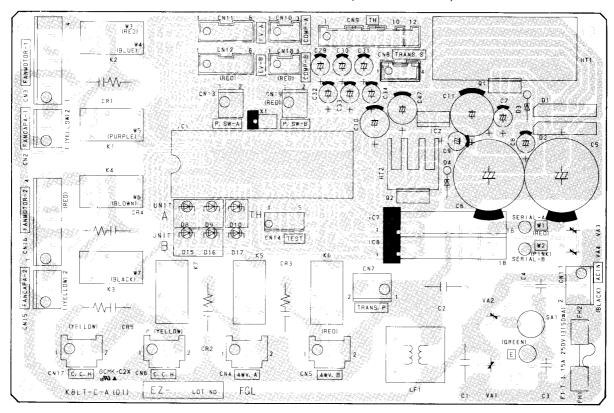
FILTER P. C. BOARD ASSEMBLY (Viewed from the solder side)



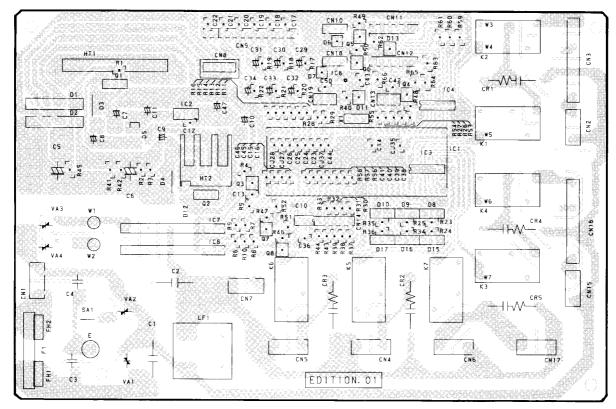
OUTDOOR P. C. BOARD LAYOUTS

Models : AOY20RMAM2 AOY24RMAM2

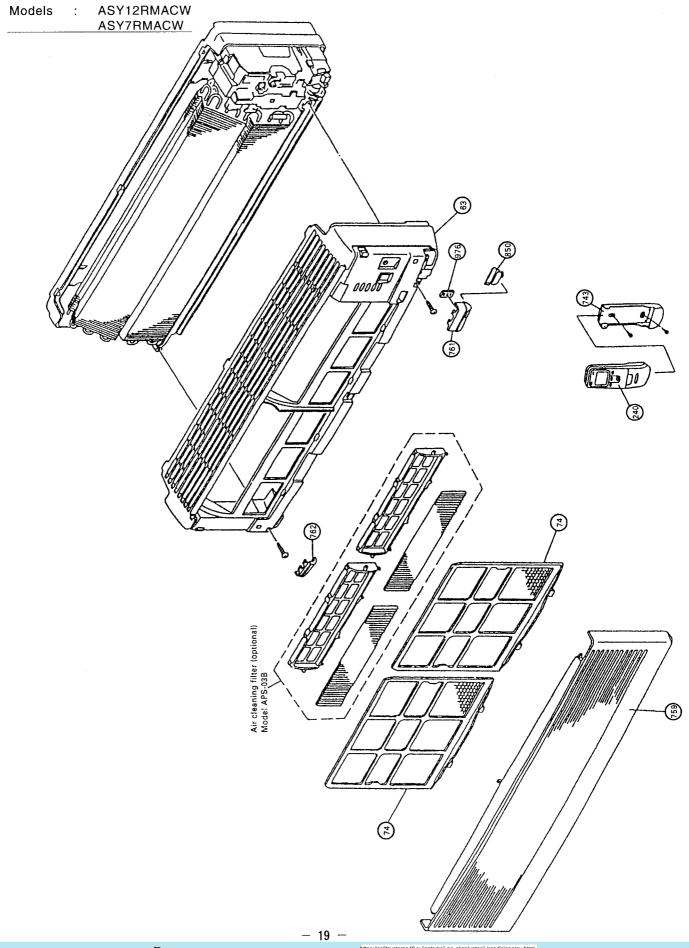
(Viewed from the component side)

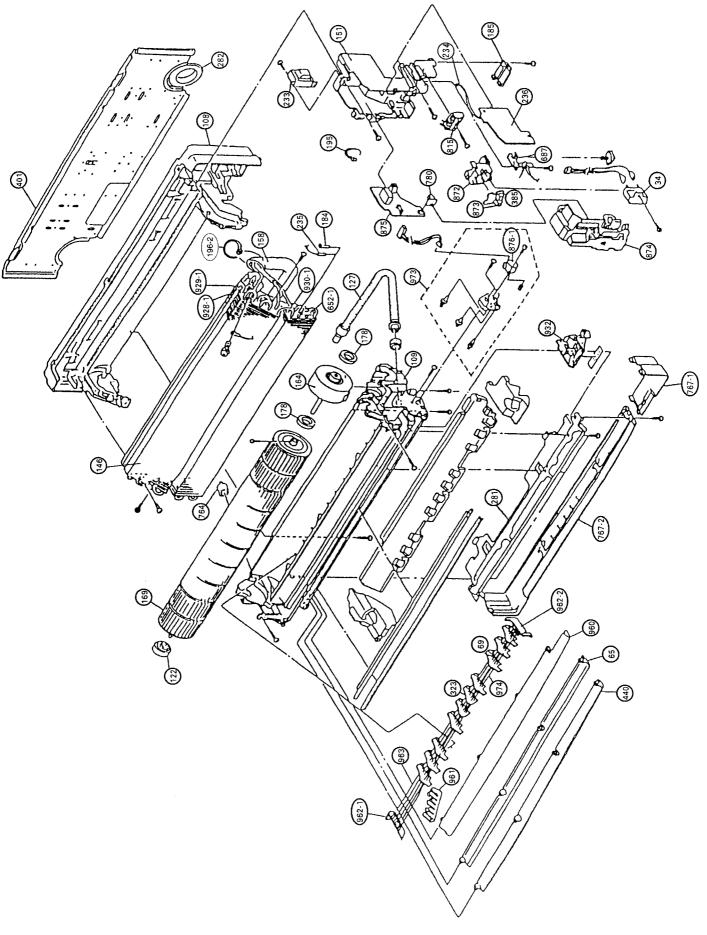


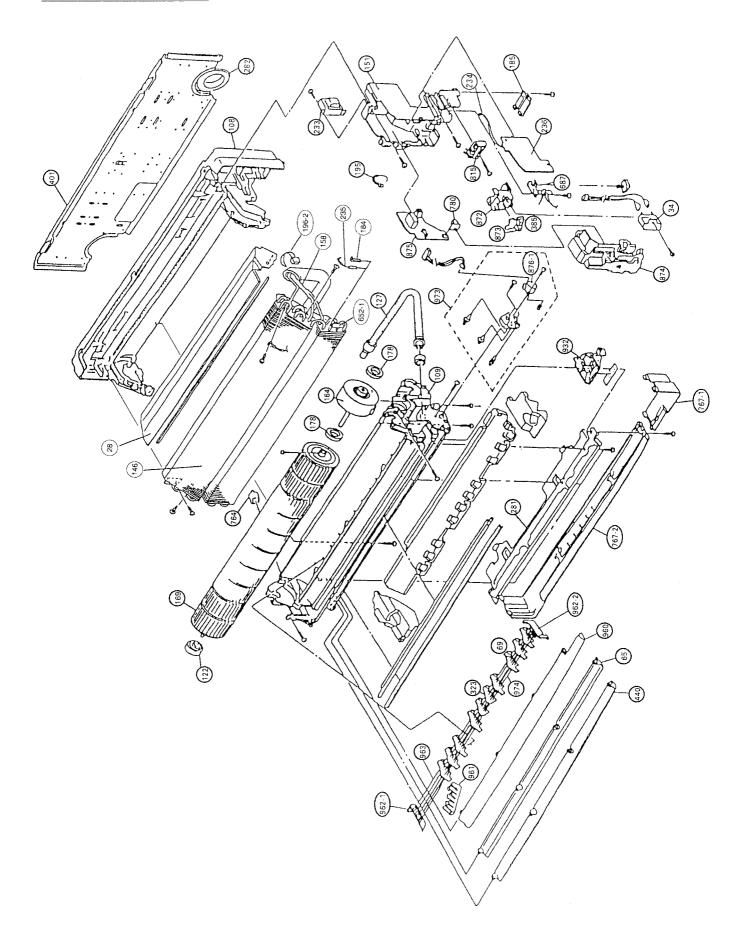
(Viewed from the solder side)

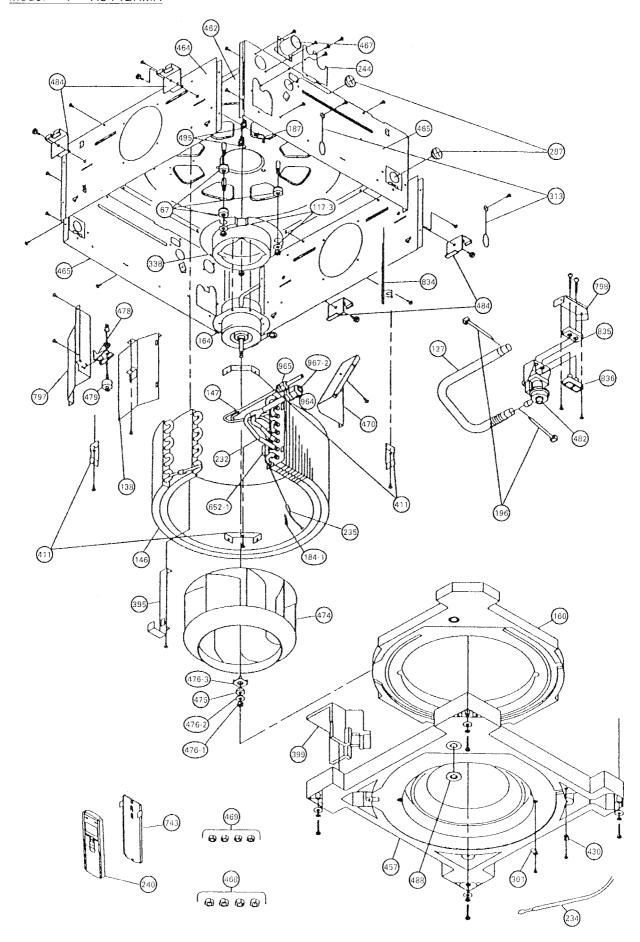


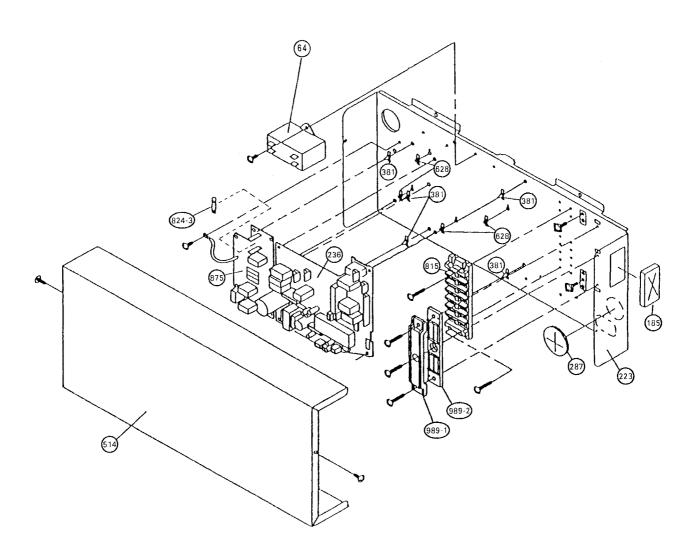
DISASSEMBLY ILLUSTRATION

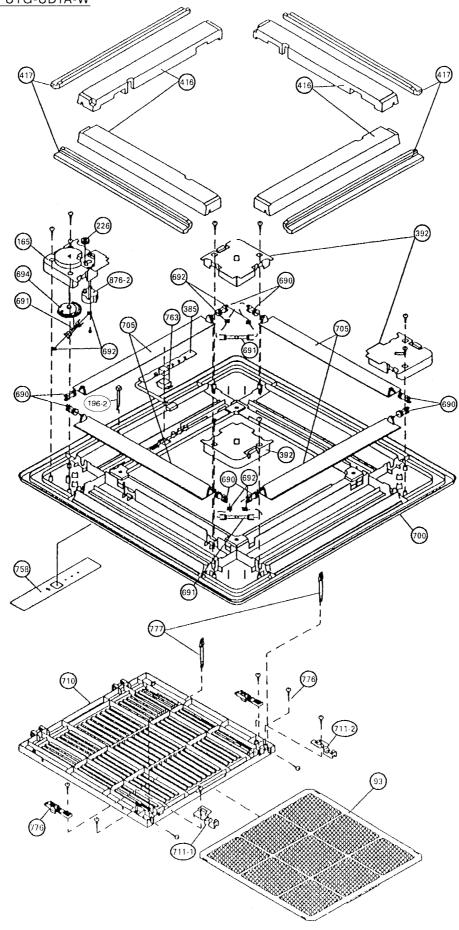


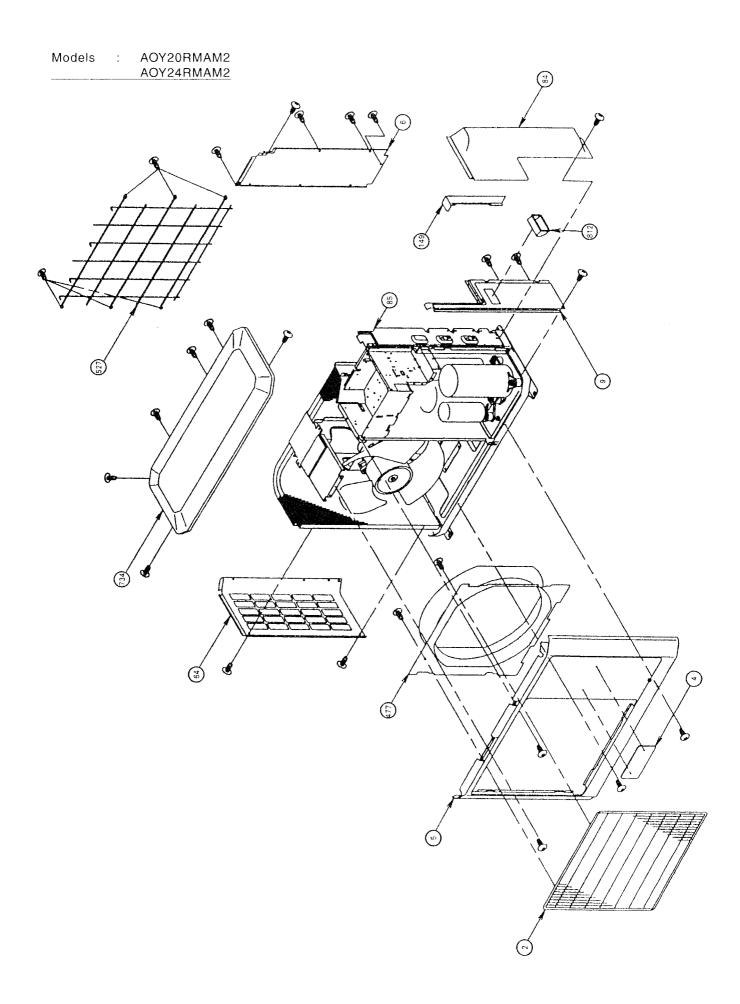


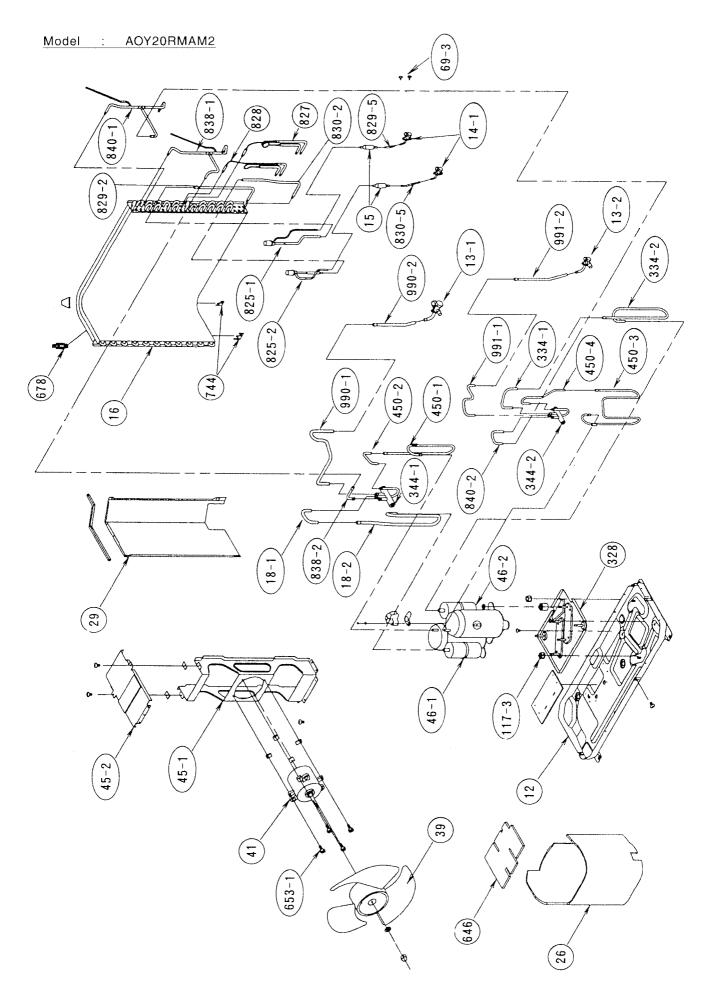


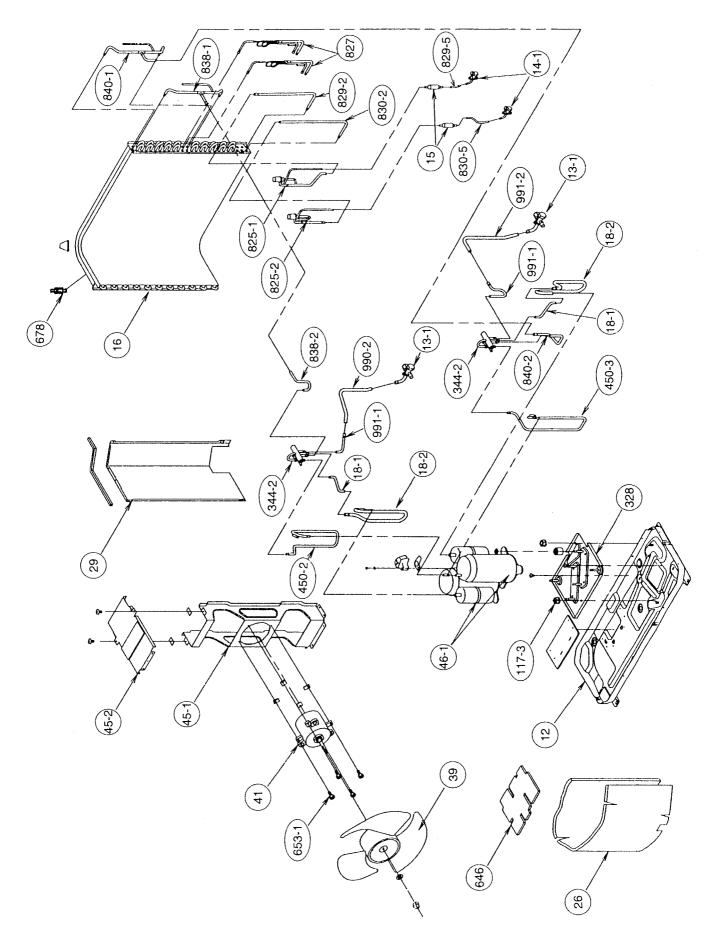


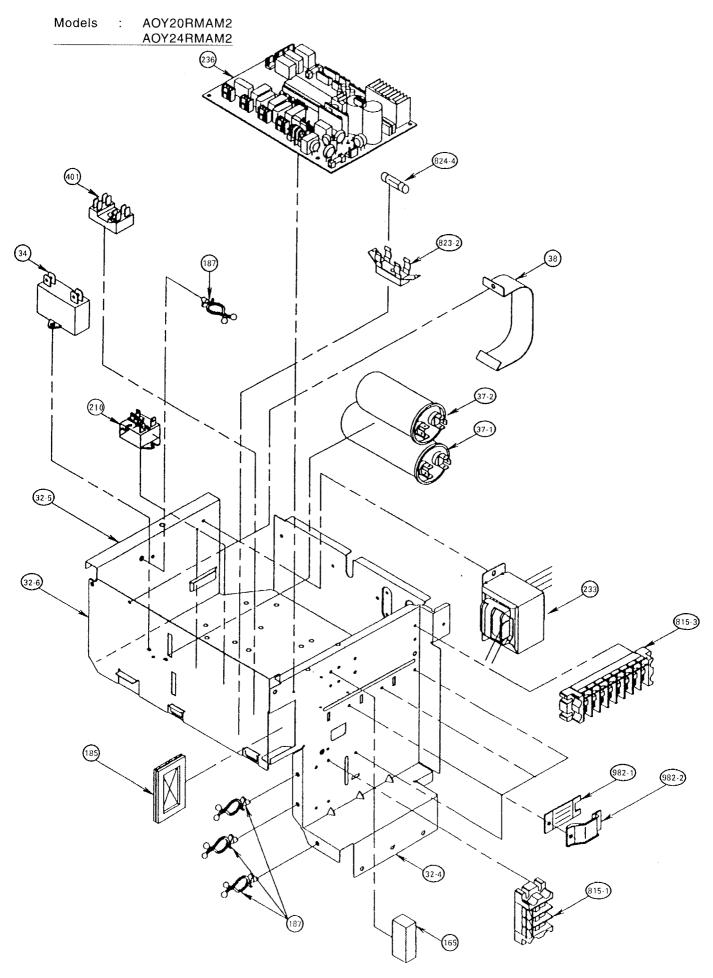


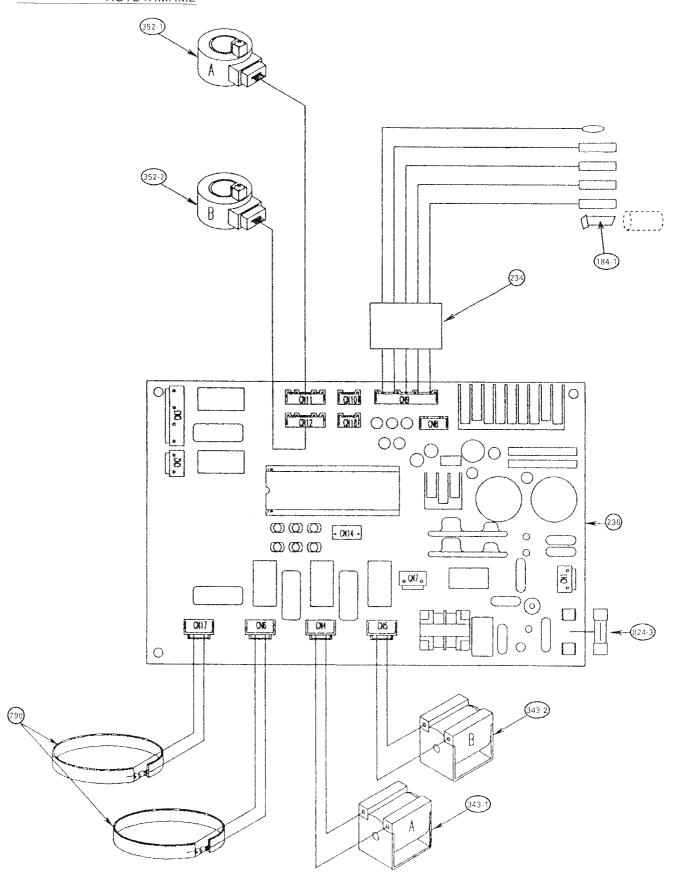


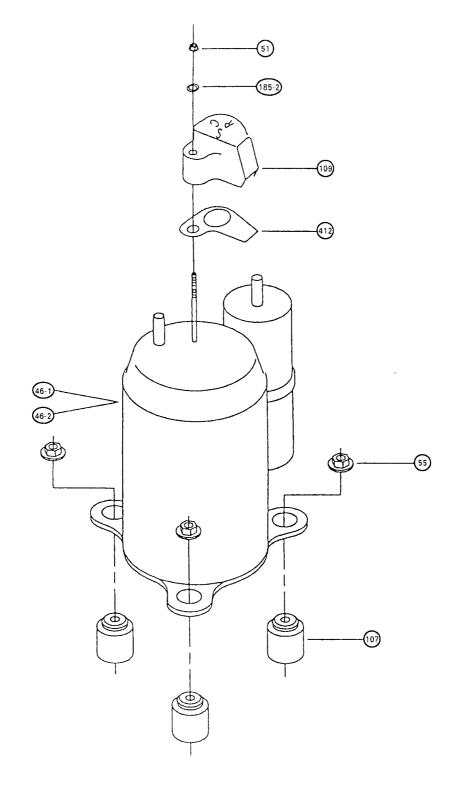












PARTS LIST

INDOOR UNIT (ASY12RMACW, ASY7RMACW)

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

Def Ne	Description	Part	No.	Order
Ref. No.	Description	ASY12RMACW	ASY7RMACW	Q'ty
28	Blower Cover		9306462000	
34	Capacitor (Fan Motor)	0300931097	0300931097	
63	Front Panel Assy	9305656097	9305656097	
65	Flow Control Panel-Z	9305443017	9305443017	
69	Louver-A	9305415014	9305415014	
74	Filter	9305444014	9305444014	
108	Base	9305427017	9305427017	
109	1	9305411016	9305427017	
	Casing	9303066010	9303066010	
122	Shaft Holder-B			i
127	Drain Hose Assy	9305550029	9305550029	
146	Evaporator Assy	9308555014	9362971003	
151	Control Box	9305448036	9305448036	
158	Connecting Pipe Assy	9307073007	9357750002	
164	Fan Motor Assy-IN	9306448011	9306448011	
169	Cross-flow Fan Assy	9307836015	9307836015	
178	Motor Cushion-B	9306274009	9306274009	
184	Thermistor Spring	313104262701	313104262701	İ
185	Cord Clamp	9305940004	9305940004	
195	Clamp SKB-100	313361275805	313361275805	
196-2	Clamp SKB-150	313035356905	313035356905	
233	Power Transformer	9702015022	9702015022	
234	Thermistor Assy	9702324018	9702324018	
235		9702324010	9702425012	
	Thermistor Assy-(Pipe)	9702342029	9702342029	
236	Controller PCB Assy	9702342029	9702342029	
0.40	EZ-0980KHSE-C(F)	0007110055	0207112055	
240	Remote Control Unit	9307113055	9307113055	
281	Clamp Metal (Pipe)	9306192006	9306192006	
282	Wall Cap-B (Accessory)	313714296205	313714296205	
323	Louver-B	9305597017	9305597017	
385	Indicator PCB Assy EZ-042HSD-D(F)	9701364213	9701364213	
401	Wall Hook Bracket	9304358008	9304358008	
440	Flow Control Panel-U	9306173036	9306173036	
652-1	Thermistor Holder Pipe	313714262805	313714262805	
687	Earth Terminal	9306483005	9306483005	
743	Remote Control Holder Case	9305642014	9305642014	
	1	9305995028	9305995028	
759	Intake Grille-B "FUJITSU"			
761	Side Cover-R	9305996025	9305996025	
762	Side Cover-L	9305437054	9305437054	
764	Drain Cap Assy	9304150008	9304150008	
767-1	Bottom Cover-A	9305428014	9305428014	
767-2	Bottom Cover-B	9305429011	9305429011	
780	Key Top (Slide Switch)	9303526002	9303526002	
815	Terminal-3P	9701955046	9701955046	
850	Window (Receiver)	9305439010	9305439010	
872	Indicator Case	9305978014	9305978014	
873	Lamp Cover	9305451012	9305451012	
874	Control Box Cover	9305977017	9305977017	
875	Power Supply PCB Assy EZ-09801HSE-P(F)	9702704025	9702704025	
876-1	Step Motor	9305780006	9305780006	
928-1	U-Pipe (BB)	9305747009	_	
		9305747009		
929-1	U-Pipe (V)		9305749003	ļ
930-1	U-Pipe (W)	9305749003	9305749003	
932	Outlet Cover	9305414017	9305414017	
960	Diffuser	9305412013	9305412013	1
961	Guard Clamp	9306332013	9306332013	
962-1	Guard Holder-L	9305753017	9305753017	
962-2	Guard Holder-R	9305752010	9305752010	
963	Fan Guard	9305751013	9305751013	
973	Gear Assy (w/Step Motor)	9305452002	9305452002	
	Joint (Louver)	9305416011	9305416011	
974				

INDOOR UNIT (AUY12RMA)

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.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
64	Capacitor (Fan Motor)	9350974030		467	Drain Port	313005415658	
67	Rubber (Vibration Proof)	9361279001		468	Special Nut-A (Large)	313005446653	
117-3	Special Washer M6	313306391007		469	Special Nut-B (Small)	313005446759	
127	Drain Hose	9359659013		470	Separate Wall-B	9359648000	
138	Separate Wall-A	9359647003		474	Turbo Fan	9359658009	
146	Evaporator Assy	9360009012		475	Turbo Fan Rubber	313005445054	
147	Inlet Pipe (Eva.) Assy	9360010018		476-1	Special Nut M8	313005360755	
160	Drain Pan	9359651000		476-2	Special Washer	301801185049	
164	Fan Motor Assy-IN	9600803011		476-3	Special Washer	9359954002	
184-1	Thermo. Spring-A	313728262708		478	Sensor M. Bracket	9359654001	
185	Rubber Bushing	313005066051		479	Float Switch	313005416154	
187	Clamp No. 1219	313361271706		482	Pump Unit	9359974000	
196-2	Clamp SKB-150	313035356905		484	Hanger Metal	9359644002	
223	Control Box	9359661016		488	Drain Pan Plug	9359653004	
232	Outlet Pipe (Eva.) Assy	9360011015		495	Clamp No. 2U46	9352715006	
234	Thermistor Assy	9703299032		514	Control Box Cover	9359662006	
235	Thermistor Assy	9701947027		628	Locking Spacer-B	313005446558	
236	Controller PCB Assy	9702348014		652-1	Thermistor Holder Pipe	313806262805	
240	Remote Control Unit	9359913030		743	Remote Control Holder Case	9359955016	
244	Pipe Cover	9359646006		797	Separate Wall-C	9359649007	
287	Cap (Power)	9352173011		798	Pump Hook Bracket	9359650003	
301	Clamp NK-2N	313985355201		815-1	Terminal-3P	9358660027	
313	Hooking Wire	9359983002		824-3	Fuse	0600222512	
338	Motor Fixture	9359656005		834	Wire Cover	9359878001	
381	Locking Spacer	313209391506		835	Cushion-A (For Pump)	9352211003	
395	Supporter (Eva.)	9359669005		836	Cushion-B (For Pump)	9356084016	
399	Air Duct	9359660002		875	Filter PCB Assy	9702219017	
411	Supporter-A	9359655008		964	Flare Nut-A	313996239804	
430	Clamp NK-7N	313095365602		965	Flare Nut-B	9351062019	
457	Drain Pan Support	9359652007		967-2	Bonnet-B	9301858006	
462	Top Cover Plate	9359642015		989-1	Cord Clamp-A	9359822011	
464	Body-A	9359643005		989-2	Cord Clamp-B	9359823018	
465	Body-B	9359645009					

GRILLE ASSY (UTG-UDYA-W) (AUY12RMA)

Ref. No.	Description	Part No.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
93	Filter	9359632009		694	Cam Gear	9359628002	
165	Motor Cover	9359623014		700	Panel	9359619017	
196-2	Clamp SKB-150	313035356905		705	Louver	9359624011	
226	Motor Gear	9359629009		710	Intake Grille	9359631019	
385	Indicator PCB Assy	9702224011		711-1	Filter Clamp-A	9359634003	
392	Cover-A	9359622017		711-2	Filter Clamp-B	9359635000	
416	Insulation (Panel)-A	9359620006		758	Decoration Plate-A	9360039019	1
417	Insulation (Panel)-B	9359621003		763	Receiver Cover	9359630005	
690	Joint-A	9359626008		776	Grille Stopper	9359633013	1
691	Joint-B	9359627005		777	Grille Hook	9359761006	
692	Joint Shaft	9359625001		876-2	Step Motor	9360307019	

OUTDOOR UNIT (AOY20RMAM2)

Ref. No.	Description	Part No.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
2	Fan Cover	9359808015		26	Compressor Cover	9361509009	
4	Emblem "FUJITSU"	9359836018		29	Separate Wall	9359805014	
5	Cabinet-A, Painted	9359797043		32-4	Control Box Metal-D	9361247000	
6	Cabinet-C, Painted	9359825029		32-5	Control Box Metal-E	9361248007	
9	Cabinet-B, Painted	9359824022		32-6	Control Box Metal-F	9361249004	
12	Base Assy, Painted	9359813019		34	Capacitor (Fan Motor)	9357965024	
13-1	3-Way Valve	9360946003		37-1	Running Capacitor	9356386066	
13-2	3-Way Valve	9360945006		37-2	Running Capacitor	9356386035	
14-1	2-Way Valve	9361510005		38	Clamp Metal (Capacitor)	9352123009	
15	Dryer Assy	313523082505		39	Propeller Fan	9359837015	
16	Condenser Assy	9361459007		41	Fan Motor Induction-OUT	9600266045	
18-1	Suction Pipe-A1	9361473003		45-1	Motor Bracket	9359802013	
18-2	Suction Pipe-A2	9361474000		45-2	Motor Bracket-Top	9359803010	

OUTDOOR UNIT (Continued) (AOY20RMAM2)

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.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
46-1	Compressor Assy RH247VHAT	9361463004		450-2	Discharge Pipe-A2	9361466005	
46-2	Compressor Assy RH167VHAT	9361462007		450-3	Discharge Pipe-B1 Assy	9361487000	
51	Special Nut (For Comp.)	9358079003		450-4	Discharge Pipe-B2	9361489004	
55	Special Nut M8 (For Comp.)	9355091008		477	Bell Mouth	9359809012	
64	Cabinet-Left, Painted	9359840046		527	Protective Net (Condenser)	9359845010	
69-3	Hexagon Bolt	301210060360		646	Compressor Cover	9361524002	
	(Cross recessed)		1	653-1	Bolt (Fan Motor Fixing)	0700156014	
84	Valve Cover	9359834014		678	Bracket (Thermistor)	313557406106	
85	Valve Plate Assy, Painted	9361251021		734	Top Plate, Painted	9359799023	
107	Rubber Seat (For Comp.)	9358080009		744	Clamp (Conenser)	313166374106	
109	Terminal Cover (For Comp.)	9358076002		790	Beit Heater	9361520004	
117-3	Hexagon Nut	301721180114		812	Grip	9352157004	
	(Spring Lock Washer)			815-1	Terminal-3P	9358660027	
149	Water Seal Plate	9359841029		815-3	Terminal-8P	9358660119	
165	Surge Absorber	9702968014	1	823-2	Fuse Holder	0500063024	
184-1	Thermo. Spring-A	313712826708		824-3	Fuse	0600222512	
185	Rubber Bushing	313005066051		824-4	Fuse	0600222529	
185-2	Rubber Washer (For Comp.)	9358078006	1	825-1	Expansion Valve-A Assy	9360821010	
187	Clamp No. 1219	313361271706		825-2	Expansion Valve-B Assy	9360822017	
210	Main Relay	9356781007		827	Capillary-A Assy	9360814029	
233	Power Transformer	9701156016	1	828	Capillary-B Assy	9360815026	
234	Thermistor Assy	9702925017		829-2	Joint Pipe-A2	9361522008	
236	Controller PCB Assy	9702766016		829-5	Joint Pipe-A5	9361484009	
328	Compressor Plate Assy	9359830016		830-2	Joint Pipe-B2	9361503007	
334-1	Suction Pipe-B1	9361496002		830-5	Joint Pipe-B5	9361506008	
334-2	Suction Pipe-B2	9361497009		838-1	Inlet Pipe-A Assy	9361460003	
343-1	Solenoid Coil-A	9361513006		838-2	Inlet Pipe-A1	9361467002	
343-2	Solenoid Coil-B	9361515000		840-1	Inlet Pipe-B Assy	9361461000	
344-1	4-Way Valve	313943302804		840-2	Inlet Pipe-B1	9361490000	
344-2	4-Way Valve	313947302811		982-1	Cord Clamp	9356857009	
352-1	Expansion Coil-A	9361514003		982-2	Cord Clamp-B	9356858006	
352-2	Expansion Coil-B	9361516007		990-1	Connecting Pipe-A1	9361475007	
401	Terminal-2P	9701971015		990-2	Connecting Pipe-A2	9361476004	
412	Terminal Gasket	9358077009		991-1	Connecting Pipe-B1	9361498006	
	(For Comp.)			991-2	Connecting Pipe-B2	9361499003	
450-1	Discharge Pipe-A1 Assy	9361464001			- 1		

OUTDOOR UNIT (AOY24RMAM2)

Ref. No.	Description	Part No.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
2	Fan Cover	9359808015		234	Thermistor Assy	9702925017	
4	Emblem "FUJITSU"	9359836018		236	Controller PCB Assy	9703272011	
5	Cabinet-A, Painted	9359797043		328	Compressor Plate Assy	9359830016	
6	Cabinet-C, Painted	9359825029		343-1	Solenoid Coil-A	9361513006	
9	Cabinet-B, Painted	9359824022		343-2	Solenoid Coil-B	9361515000	
12	Başe Assy, Painted	9359813019		344-2	4-Way Valve	313947302811	
13-1	3-Way Valve	9360946003		352-1	Expansion Coil-A	9361514003	
14-1	2-Way Valve	9361510005		352-2	Expansion Coil-B	9361516007	
15	Dryer Assy	313523082505		401	Terminal-2P	9701971015	
16	Condenser Assy	9363534009	1	412	Terminal Gasket	9358077009	
18-1	Suction Pipe-A1	9363561005			(For Comp.)		
18-2	Suction Pipe-A2	9363562002	ĺ	450-1	Discharge Pipe-A Assy	9363557008	
26	Compressor Cover-L	9363532005		450-3	Discharge Pipe Assy	9363563009	
29	Separate Wall	9359805014		477	Bell Mouth	9359809012	
32-4	Control Box Metal-D	9361247000	}	527	Protective Net (Condenser)	9359845010	
32-5	Control Box Metal-E	9361248007	1	646	Compressor Cover-S	9363533002	
32-6	Control Box Metal-F	9361249004		653-1	Bolt (Fan Motor Fixing)	0700156014	
34	Capacitor (Fan Motor)	9700467052		678	Bracket (Thermistor)	313557406106	
37-1	Running Capacitor	9356386066	1	734	Too Plate, Painted	9359799023	
38	Clamp Metal (Capacitor)	9352123009	1	744	Clamp (Condenser)	313166374106	ļ
39	Propeller Fan	9359837015	!	790	Belt Heater	9361520004	
41	Fan Motor Induction-OUT	9600266045	l	812	Grip	9352157004	
45-1	Motor Bracket	9359802013		815-1	Terminal-3P	9358660027	
45-2	Motor Bracket-Top	9359803010	1	815-3	Terminal-8P	9358660119	}
46-1	Compressor Assy RH247VHAT	9361463004		823-2	Fuse Holder	0500063024	1
51	, ,	9358079003		824-4	Fuse	0600222529	
	Special Nut (For Comp.)			825-1	Expansion Valve-A Assv	9360821027	İ
55	Special Nut M8 (For Comp.)	9355091008		825-2	' '	9360822024	
64	Cabinet-Left, Painted	9359840046		825-2	Expansion Valve-B Assy		
69-3	Hexagon Bolt	301210060360			Capillary-A Assy	9360814050	1
	(Cross recessed)	0050004044		829-2	Joint Pipe-A2	9363535006	1
84	Valve Cover	9359834014	1	829-5	Joint Pipe-A5	9361484009	1
85	Valve Plate Assy, Painted	9361251021		830-2	Joint Pipe-B2	9363536003	
107	Rubber Seat (For Comp.)	9358080009		830-5	Joint Pipe-B5	9363549003	
109	Terminal Cover (For Comp.)	9358076002		838-1	Inlet Pipe-A Assy	9360832016	
117-3	Hexagon Nut	301721180114		838-2	Inlet Pipe-A1	9363559002	
	(Spring Lock Washer)			840-1	Inlet Pipe-B Assy	9360833013	ļ
149	Water Seal Plate	9359841029		840-2	Inlet Pipe-B1	9363566000	
165	Surge Absorber	9702968014		982-1	Cord Clamp	9356857009	1
184-1	Thermo. Spring-A	313728262708		982-2	Cord Clamp-B	9356858006	
185	Rubber Bushing	313005066051		990-1	Connecting Pipe-A1	9363560008	1
185-2	Rubber Washer (For Comp.)	9358078006		990-2	Connecting Pipe-A2	9363550009	
187	Clamp No. 1219	313361271706		991-1	Connecting Pipe-B1	9363567007	1
210	Main Relay	9356781007		991-2	Connecting Pipe-B2	9363551006	
233	Power Transformer	9701156016	1	1	1	ı	1

[INDOOR P.C.B.]
CONTROLLER PCB ASSEMBLY (Ref. No.236) (ASY12RMACW,ASY7RMACW)

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.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
IC1	IC	μPD78012HCW-031	1300863029		JC1~15	Res. 0Ω	0200230016	
IC2	IC	PST600CMTR	0101461120		C1,2,12,14	Cap. Ceramic 25V 0.1 μF	0300266748	
IC3	IC	BA10358FE2	0101846071		15,17,21~			
IC4,5	IC	MC1413D	0101736013		24,30,31			
IC6	IC	BR93LC46RF-E2	0100295016		C13,16	Cap. Elec. 25V 10 μF	0300328026	
Q1~3	Xstr	DTC124EK	0000517034		C19	Cap. Ceramic 50V 1000pF	0300308509	
R1,7~9,15~	Res.	$10k\Omega\pm5\%$	0200213019		C25	Cap. Elec. 25V 100 μF	0300328064	
19,27,28,35					C27~29	Cap. Ceramic 50V 0.01 μF	0300323113	
37,38,40				1	SW1	Key Switch EVQ-PFE-04R	9700891017]
R2	Res.	$22.1k\Omega\pm1\%$	0200279664		X1	Ceramic Resonator CST8.38MTW-TF01	0400061021	
R3	Res.	33.2 k $\Omega \pm 1\%$	0200279749		BZ1	Buzzer PKM13EPY-4000-TF01	9701298013	
R4~6,10~14	Res.	1kΩ±1%	0200212746		CN1	Plug. PCB B3P-SHF-1AA	0500006021	
20,22,25,26					CN2	Thermistor 150-103-86116	9702324018	
36					CN3	Plug. PCB B2B-XH-AM L=10mm	0500005321	I
R21	Res.	7.87kΩ±1%	0200279442		CN4	Plug. PCB 53324-0710	0501052065	
R23	Res.	15.4kΩ±1%	0200279565		CN5	Plug. PCB 53325-1010	0501052591	
R24,30~32	Res.	$1.2k\Omega \pm 5\%$	0200708768		CN7	Plug. PCB S3P-VH	0500011308	
R29	Res.	$47\Omega \pm 5\%$	0200212425		CN9	Plug. PCB 917072-7	0501065010	
R33,34,39	Res.	390Ω±5%	0200212647		JM2∼9	Wire 0.6 dia. L=10mm	9700025016	

[INDOOR P.C.B.]

POWER SUPPLY PCB ASSEMBLY (Ref. No.875) (ASY12RMACW,ASY7RMACW)

Ref. No.	Description	Part No.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
IC101	IC HI2002	9701384020		SW101	Slide Switch 8SS1012-1	9701426010	
IC102	IC μ PC7805AHF	0100008036		VA101,102	Varistor ERZ-V10V471CS	0000515139	
Q101	Xstr 2SD880	0000001014		VA103	Arrester CP2470-F	9701835010	
D101~105	Diode D1F60	0000208024		F101	Fuse BET 3.15A-250V	0600222512	
D106	Diode MTZJ15C	0000852203		FH101,102	Fuse Holder PFC5000-0502	0500158072	
R101	Res. Cabon 1kΩ±5%	0201093658		L101	EMI Filter ELF15N008A	0400165071	
R102	Res. $1k\Omega \pm 5\%$	0200708744		SSR101	Relay G3MB-201PL-VD	9702430016	
R103	Res. $10k\Omega \pm 5\%$	0200709017		HT101	Heat Sink 16 ∗25	9701675012	
C101,102	Cap. Ceramic 4700pF	0300209110		CN101	Plug. PCB B3P5-VH-B	0500011735	
C103,104	Cap. Plastic 0.1 μF	0300304075		CN102	Plug. PCB B2P3-VH-B-R	0500011766	
C105	Cap. Plastic 200V 7 μF	0300931097		CN103	Plug. PCB 53405-0210	0500940011	
C106,107	Cap. Ceramic 25V 0.1 μF	0300266748		CN104	Plug. PCB B2B-XARK-1-A	0501045210	
C108	Cap. Elec. 35V 3300 μF	0301129073		CN105	Wire w/Connector L=100mm	9701424016	1
C109~111	Cap. Elec. 50V 10 μF	0300329092		W101	Wire w/Terminal L=210mm WHT	9701198016	
C112	Cap. Elec. 25V 2200 μ F	0300327111		W102	Wire w/Terminal L=200mm RED	9701425020	
C113	Cap. Ceramic 0.01 μF	0300209127		W103	Wire w/Terminal L=210mm	9701660018	
				W104	Wire w/Terminal L=190mm BLK	9701169191	

[INDOOR P.C.B.]

INDICATOR PCB ASSEMBLY (Ref. No.385)

(ASY12RMACW, ASY7RMACW)

Ref. No.	Description	Part No.	Order Q'ty
D201	Diode SLR325VC RED	0000813259	
D202	Diode SLR325MC GRN	0000813242	
D203	Diode SLR325DC ORG	0000813235	
C201	Cap. Cermic 0.1 μF	0300988251	
C202	Cap. Elec. 25V 10 μF	0300504413	ļ
X201	Remote Control Amplifier SBX1810-22	0101525129	
CN201	Wire w/Connector L=230mm	9701397013	
	Lamp Cover	9305451012	

[INDOOR P.C.B.] CONTROLLER PCB ASSEMBLY (Ref. No.236) (AUY12RMA)

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.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
IC1	IC μ PD78014HCW-023	9700511014		R8.10.14~17.	Res. 1/4W 10kΩ±5%	0200213019	
liC3	IC NJM7805FA	0100462081		21~24,29~			
IC4~6	Xstr μPA1003GR	0100028041		32,37,39,48,			
IC7	IC NM93C46M8-X	0101622026		50,52,53,55,			
IC8	IC PST600CMTR	0101461120		59,68			
IC10	IC HI2002	9701384020		R9,47	Res. 1/10W 390Ω±5%	0200212647	
Q1	Xstr 2SC4236	0000164047		R18~20,	Res. 1/10W 1kΩ±5%	0200212746	
Q2	Xstr 2SC1740S	0000699235		25~28,33			
Q3,4	Xstr DTC124EKA	0000936033		~36,38,42,			
D1	Diode D3SB60	0000689045		44,46,49,51			
D2,4,7	Diode D1FL20U	0000746519		57,58,67			
D3	Diode MTZJ5.1B	0000852166	ļ	R40,41	Res. $1/10W$ $4.7k\Omega \pm 5\%$	0200212906	
D5	Diode 1SR139-600	0000353120		R43	Res. $1/10W$ $10k\Omega \pm 1\%$	0200279497	
D6	Diode D2FL20U	0000906500		R45	Res. 1/10W 49.9kΩ±1%	0200279824	
D12	Diode DAN202K	0000684019		R54	Res. 1/10W 4.7kΩ \pm 5%	0200212425	
R1	Res.Cement 5W 3.3Ω±5%	0200244372		CJ2,R56,JM7	Res. 0Ω	0200212012	
R2	Res.Metal 2W 1.5Ω±5%	0201107119		JM9	Res. 0Ω	0200230016	
R3	Res. 1/10W 100Ω±5%	0200212500		C5	Cap. Elec. 450V 100 μ F	0300256060	
R4	Res.Carbon 1W 220kΩ±5%	0200111353		C6	Cap. Plastic 4700 pF	0300269091	
R5	Res.Metal 2W 47kΩ±5%	0201107652		C7	Cap. Plastic 50V 0.047 μF	0300169339	
R6	Res. $1/2W 100 \Omega \pm 5\%$	0200731506		C8	Cap. Elec. 25V 100 μ F	0301197560	
R7	Res. $1/4W 330 \Omega \pm 5\%$	0200708621		C9	Cap. Elec. 25V 1000 μ F	0301196495	
C14	Cap. Elec. 25V 100 μ F	0301192350		C10,33,36,41	Cap. Elec. 25V 10 μ F	0301192312	
C16,17,19~	Cap. Ceramic 50V 0.01 μF	0300311738		C12	Cap. Elec. 25V 1000 μ F	0301158264	
31,CJ1,38,				C13,15,34,37	Cap. Ceramic 50V 0.1 μF	0300311752	
40,42,46,49				39,44,45			
C32,35,43,50	Cap. Ceramic 50V 1000pF	0300308509		CR1	Network RPEL-121204-C	9701125012	
~53				CN1	Plug. PCB B3P5-VH-B-C	0500011810	
C54	Cap. Ceramic 0.01 μ F	0300209127		CN4	Plug. PCB B2P3-VH-B-Y	0500011827	
K1,3,4	Relay JQ1-12V	9701316014		CN5	Plug. PCB 5430C063	0500957026	
SSR1	Relay G3M-202P-UTU	9701829019		CN6	Plug. PCB B2P3-VH-B-E	0500011759	
SW1	Switch,Slide DSS803	9701392018		CN7	Plug. PCB B2B-XASK-1-A	0501045227	
T1	Switching Transformer	9702727017		CN8	Plug. PCB B2B-XASK-1-A	0501045012	
	ETS28AS118AH			CN9	Plug. PCB B2P-SHF-1AA	0500006069	
X1	Ceramic Resonator	9701261017		CN10	Plug. PCB B5B-XAKK-1-A	0501045043	
	EF0EC8384T4			CN13	Plug. PCB B8B-XASK-1-A	0501045074	
BZ1	Buzzer PKM13EPY-4000-TF01	9701298013		CN14	Plug. PCB B4B-XH-AM	0500005314	
VA3	Varistor TNR12G471K	0000038010		CN15	Plug. PCB B3B-XARK-1-A	0501045319	

[INDOOR P.C.B.] INDICATOR PCB ASSEMBLY (Ref. No.385) (AUY12RMA)

Ref. No.	Description	Part No.	Order Q'ty
D201	Diode SLR325VC RED	0000813259	
D202	Diode SLR325MC GRN	0000813242	
D203	Diode SLR325DC ORG	0000813235	1
C201	Cap. Ceramic 0.1 μF	0300988251	
C202	Cap. Elec. 25V 10 μF	0300004258	
R201~203	Res. Carbon 1/4W 330Ω±5%	0201038659	
PHA201	Remote Control Amplifier	0101525129	
	SBX1810-22		
SW201	Switch. EVQ-PAG-04K	9700450016	
CN201	Wire w/Connector L=150 mm	9702266011	

[INDOOR P.C.B.] FILTER PCB ASSEMBLY (Ref. No.875) (AUY12RMA)

Ref. No.	Description	Part No.	Order Q'ty
C101,102	Cap. Plastic 0.22 μF	0300304099	
C105,106	Cap. Plastic 0.022 μF	0301052098	
SA101	Arrester DSA-362MA-05	0600168032	
TM101,102	Plug Contact 86028	0500536016	
LF101	EMI Filter ELF17N015A	0400197119	
F101	Fuse BET 3. 15A-250V	0600222512	
FH1,2	Fuse Holder PFC5000-0502	0500158072	-
E101	Wire w/Terminal GRN L=100 mm	9702313012	}
W103,104	Wire #18 3P	9702310011	
VA101,102	Varistor TNR12G471K	0000038010	

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

[OUTDOOR P.C.B.] and fill CONTROLLER PCB ASSEMBLY (Ref. No.236) (AOY20RMAM2, AOY24RMAM2)

Ref. No.		Description	Part No.	Order Q'ty	Ref. No.	Description	Part No.	Order Q'ty
IC1	IC	μPD780023CW-015	9702969011		C6	Cap. Elec. 63V 2200 μ F	0301191117	
IC2	IC	μ PC7805AHF	0100008036		C7~9	Cap. Elec. 50V 10 μF	0301192541	
IC3,4	Transist	or Array μ PA2003GR	0100028041		C10,47	Cap. Elec. 50V 100 μ F	0301192589	,
IC6	IC	PST600CMTR	0101461120		C11	Cap. Elec. 25V 1000 μ F	0301190615	
IC7,8	iC	HU2001	9701651016		C12,13,17~	Cap. Ceramic 50V 0.1 μF	0300311752	
IC10	IC	NM93C46M8-X	0101622026		21,36,43~			
Q1,2	Xstr	2SD1932	9701235018		46			
Q3	Xstr	DTC-124EK	0000517034		C14,38~41	Cap. Ceramic 50V 0.01 μF	0300311738	
Q4~8	Xstr	2SC2712	0000781053		C15,16,23~	Cap. Ceramic 50V 1000pF	0300308509	
D1,2	Diode	D2SB20	0000599023		26,CJ27			
D3	Diode	MTZJ15A	0000852081		C29~33	Cap. Elec. 25V 10 μF	0300822340	
D4	Diode	MTZJ27A	0000852098		X1	Ceramic Resonator EF0EC8384T4	9701261017	
D5,12	Diode	D1F60	0000208024		K1,2,5~7	Relay JQ1-12V	9701316014	
D6,7	Diode	DA226U	0000625036		CR1~3,5	CR Absorber RPEL-121204	9701125012	1 1
D8~10,15~	Diode	SLR-325VC	0000813259		VA1	Varistor TNR12G471K	0000038010	
17					F1	Fuse BET 3.15A-250V	0600222512	
D11,13	Diode	DAN202K	0000684019		FH1,2	Fuse Holder PFC5000-0502	0500158072	l
R1,9,10,37~	Res.	10kΩ±5%	0200213019		HT1	Heat Sink PUG-46	9702966010	
40,43,44,					HT2	Heat Sink B.PUE-16	9701376018	[
46~50,					CN1	Plug. PCB B2P3-VH-B-C	0500011773	
56~58					CN2	Plug. PCB B2P3-VH-B-Y	0500011827	
R2~6	Res.	4.7 k $\Omega \pm 5\%$	0200212906		CN3	Plug. PCB B4P7-VH-B	0500011742	
R7,8,11~15	Res.	1kΩ±5%	0200212746		CN4	Plug. PCB 179844-1	0501121013	
30~33,					CN5	Plug. PCB 179844-2	0501121020	
51~55					CN6,17	Plug. PCB 179844-4	0501121037	
R17	Res.	38.3kΩ±1%	0201114575		CN7	Plug. PCB B2P3-VH-B	0500011728	
R18,19	Res.	14Ω±1%	0201114193		CN8	Plug. PCB B4B-XH-AM	0500005314	
R20,21	Res.	6.65kΩ±1%	0201113806		CN9	Plug. PCB B10B-XASK-1-A	0501045098	
R23~25,	Res.	390Ω±5%	0200212647		CN10	Plug. PCB B3B-XASK-1-A	0501045029	
34~36					CN11	Plug. PCB B6B-XASK-1-A	0501045050	
R41,42	Res.	15kΩ±5%	0200231051		CN12	Plug. PCB B6B-XARK-1-A	0501045418	
R45	Res.	10kΩ±5%	0200231013		CN14	Plug. PCB B5P-SHF-1AA	0500006069	
R59~66	Res.	10Ω±5%	0200230269		CN18	Plug. PCB B3B-XARK-1-A	0501045319	
CJ28,35,37	Res.	0Ω	0200212012		E	Wire w/Terminal L=100mm GRN	9702313012	
C1	Cap. Pla	astic 0.22 μ F	0300304099		W1	Wire w/Terminal L=330mm RED	9702929015	
C3,4	Cap. Ce	,	0300209127		W2	Wire w/Terminal L=380mm PNK	9702930011	
C5	Cap. Ele	ec. 50V 3300 μ F	0301190998					

STANDARD ACCESSORIES

INDOOR UNIT ACCESSORIES (Wall Mounted type)

Nam	e and Shape	Q' ty	Part No.
Wall hook bracket		1	9304358008
Wall cap-B		1	313714296205
Remote control unit	and the second	1	12R, 7R model 9307113055 (AR-DB5)
Battery (penlight)	9	1set	0600185534
Remote control unit holder	(To on	1	9305642014
Cloth tape		1	9308117007
Tapping screw (big) (∮ 4×20)	Dimmon	8	301141164200
Tapping screw (small) (\phi 3 \times 12)	Donne	2	0700019036

OUTDOOR UNIT ACCESSORIES

Name	e and Shape	Q' ty	Part No.
Cable mark	UNIT A-A UNIT A-B UNIT A-A UNIT A-B UNIT B-A UNIT B-B UNIT B-A UNIT B-B	1	9352786006
Binder		2	312300787605
Putty		1	303020200114
Hexagon wrench		1	9351228019
Drain pipe		1	9303029015
Drain cap		2	313166024302

INDOOR UNIT ACCESSORIES (CASSETTE type)

Name and S	hape	Q' ty	Part No.
Couupler heat insullation		2	9350716029
	0	2	9352766015
Special nut A (large flange)		4	313005446653
Special nut B (small flange)		4	313005446759
Template	(o o o o o o o o o o o o o o o o o o o	1	9360256003
Remote control unit	po i lo	1	9359913030 (AR-DL3)
Battery (penlight)		2set	0600185534
Remote control unit holder	330	1	9359955016
Tapping screw (ϕ 3×12)	(S) Difference of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	3	301141533125

GRILLE ACCESSORIES

Name and Shape		Q' ty	Part No.
Boit		4	9360120021
Washer		4	301801155020
Spring washer		4	301821150218
Blower cover insulation		2	9360047007



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