

SPLIT TYPE ROOM AIR CONDITIONER

WALL MOUNTED type

SERVICE MANUAL

Models	Indoor unit	Outdoor unit
	ASY10FSACW	AOY10FSAC
	ASY10USACW	AOY10USAC
	ASY12FSACW	AOY12FSAC
	ASY12USACW	AOY12USAC



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SPECIFICATIONS

TYPE		COOL	COOL & HEAT	COOL	COOL & HEAT
INDOOR UNIT		ASY10FSACW	ASY10USACW	ASY12FSACW	ASY12USACW
OUTDOOR UNIT		AOY10FSAC	AOY10USAC	AOY12FSAC	AOY12USAC
COOLING CAPACITY	(kW)	2.90 - 2.95	2.95 - 3.00	3.45 - 3.50	3.45 - 3.50
HEATING CAPACITY	(kW)	—	3.35 - 3.40	—	4.15 - 4.20

ELECTRICAL DATA

POWER SOURCE (V)		220 - 240			
FREQUENCY (Hz)		50			
RUNNING CURRENT (A)	COOLING	4.7 - 4.6	4.9 - 4.7	6.1 - 6.1	5.8 - 5.8
	HEATING	—	4.4 - 4.3	—	6.1 - 6.2
INPUT WATTS (kW)	COOLING	1.015 - 1.045	1.05 - 1.08	1.27 - 1.32	1.22 - 1.26
	HEATING	—	0.940 - 0.985	—	1.27 - 1.33
EER (kW/kW)	COOLING	2.86 - 2.82	2.81 - 2.78	2.72 - 2.65	2.83 - 2.78
	HEATING	—	3.56 - 3.45	—	3.27 - 3.16
MOISTURE REMOVAL (ℓ /hr)		1.3	1.3	1.8	1.8
AIR CIRCULATION-Hi (m³/hr)		C 490 - 490	C 490 - 490 H 500 - 500	C 500 - 500	C 500 - 500 H 500 - 500

COMPRESSOR

TYPE	Hermetic type, Permanent split condenser, 2 pole, Single phase, Induction motor			
CODE	80230135 220-240V 50Hz	80230135 220-240V 50Hz	80235035 220-240V 50Hz	80235035 220-240V 50Hz
REFRIGERANT R410A (g)	590	660	720	770

Note : Always use a vacuum pump to purge the air.
Refrigerant for purging the air is not charged in the outdoor unit at the factory.

FAN MOTOR

POWER SOURCE (V)		220 - 240	220 - 240	220 - 240	220 - 240
INDOOR UNIT	HI-SPEED (r.p.m.)	C 1,300 - 1,300	C 1,300 - 1,300 H 1,330 - 1,330	C 1,330 - 1,330	C 1,330 - 1,330 H 1,330 - 1,330
	MED-SPEED (r.p.m.)	C 1,200 - 1,200	C 1,200 - 1,200 H 1,180 - 1,180	C 1,250 - 1,250	C 1,250 - 1,250 H 1,180 - 1,180
	LO-SPEED (r.p.m.)	C 1,100 - 1,100	C 1,100 - 1,100 H 1,030 - 1,030	C 1,170 - 1,170	C 1,170 - 1,170 H 1,030 - 1,030
	QUIET (r.p.m.)	C 1,040 - 1,040	C 1,040 - 1,040 H 970 - 970	C 1,080 - 1,080	C 1,080 - 1,080 H 970 - 970
OUTDOOR UNIT (r.p.m.)		730 - 765	730 - 765	725 - 760	725 - 760

DIMENSIONS

INDOOR UNIT	H x W x D (mm)	260 x 815 x 175			
OUTDOOR UNIT		535 x 695 x 250			530 x 695 x 250

WEIGHTS

INDOOR UNIT	GROSS / NET (kg)	10 / 8	
OUTDOOR UNIT		33 / 30	35 / 32

NOISE LEVEL

INDOOR UNIT	HI-SPEED (dB)	C 39 - 39	C 39 - 39 H 38 - 38	C 40 - 40	C 40 - 40 H 39 - 39
	MED-SPEED (dB)	C 38 - 38	C 38 - 38 H 35 - 35	C 39 - 39	C 39 - 39 H 35 - 35
	LO-SPEED (dB)	C 36 - 36	C 36 - 36 H 31 - 31	C 37 - 37	C 37 - 37 H 30 - 30
	QUIET (dB)	C 34 - 34	C 34 - 34 H 30 - 30	C 35 - 35	C 36 - 36 H 29 - 29
OUTDOOR UNIT (dB)		C 45 - 46	C 45 - 46 H 46 - 47	C 47 - 48	C 46 - 47 H 48 - 49

Note : Noise was measured in accordance with JIS standards, Japan.

ADDITIONAL REFRIGERANT CHARGE

Refrigerant suitable for a piping length of 5 m is charged in the outdoor unit at the factory.

When the piping is longer than 5 m, additional charging is necessary.

For the additional amount, see the table below.

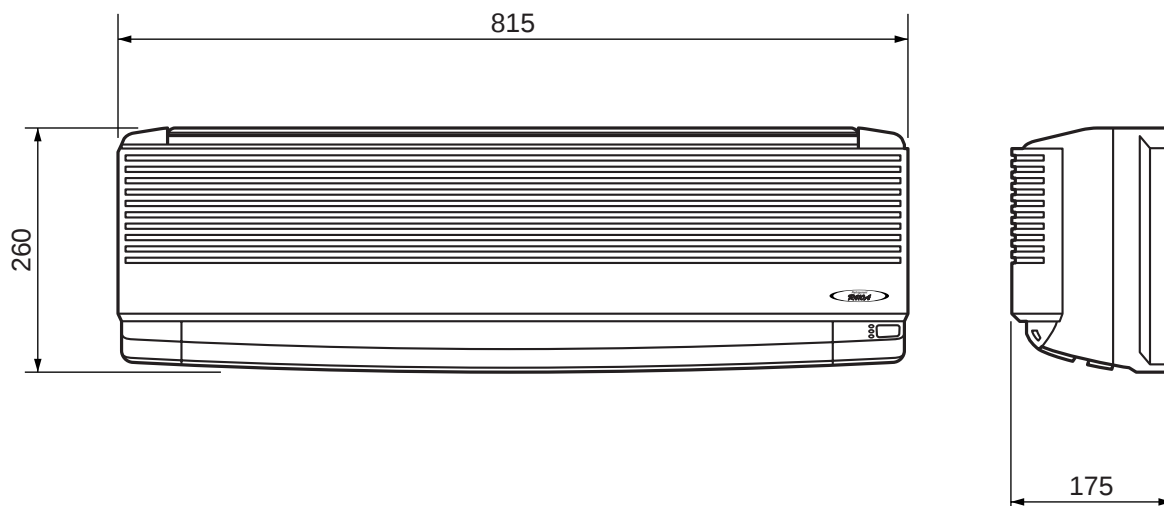
PIPE LENGTH	5 m	10 m	15 m
ADDITIONAL REFRIGERANT	None	100 g	200 g

Between 5 m and 10 m, when using a connection pipe other than that in the table, charge additional refrigerant with 20 g /1 m as the criteria.

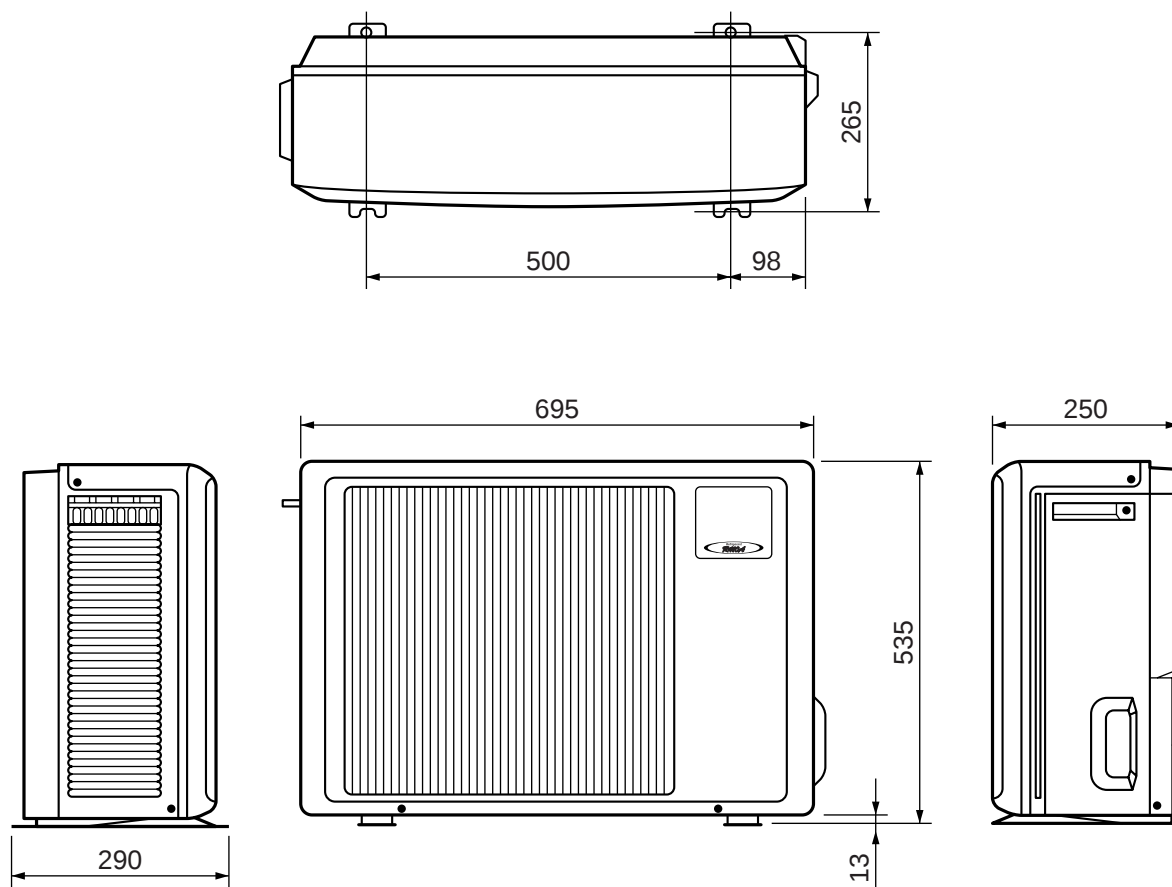
DIMENSIONS

INDOOR UNIT

Unit : mm

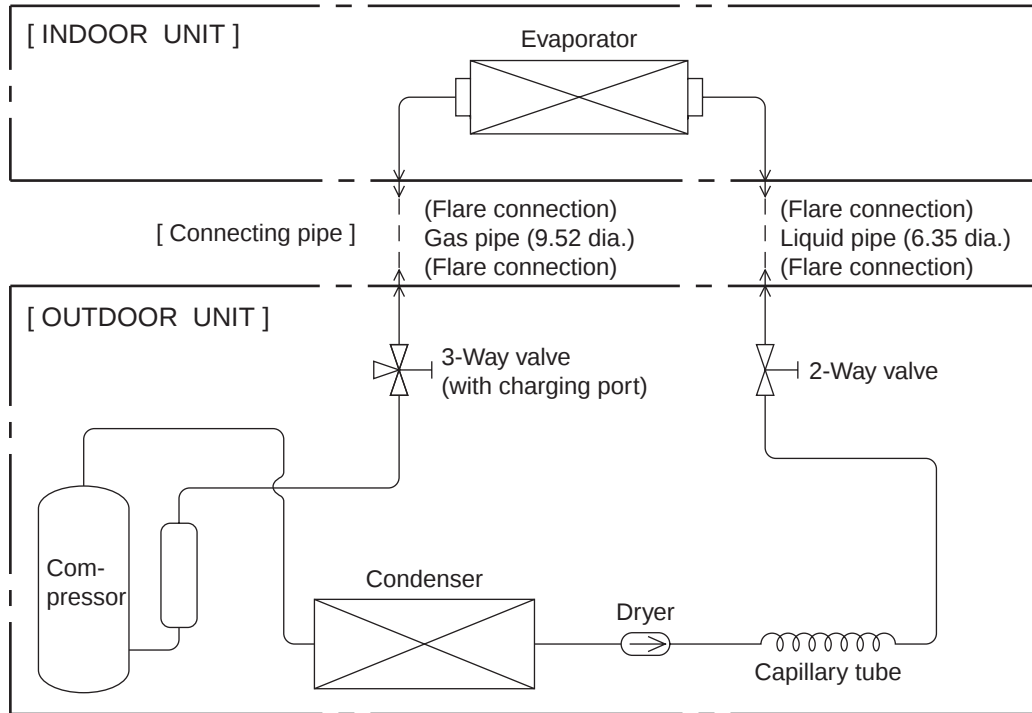


OUTDOOR UNIT

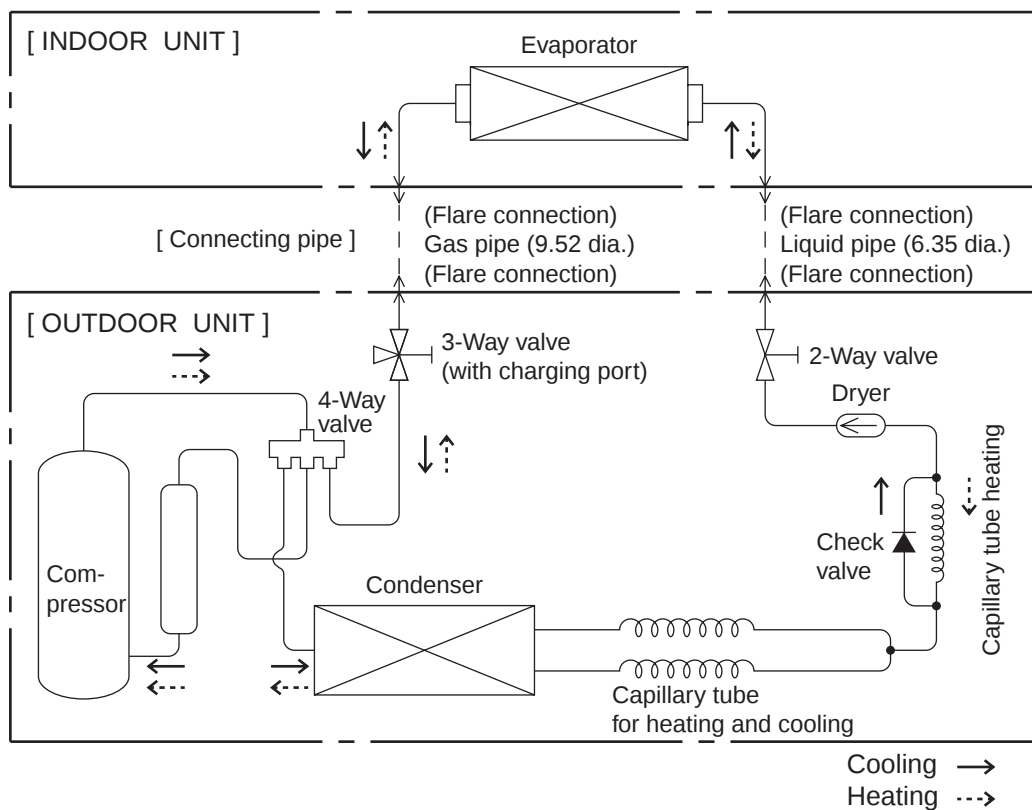


REFRIGERANT SYSTEM DIAGRAM

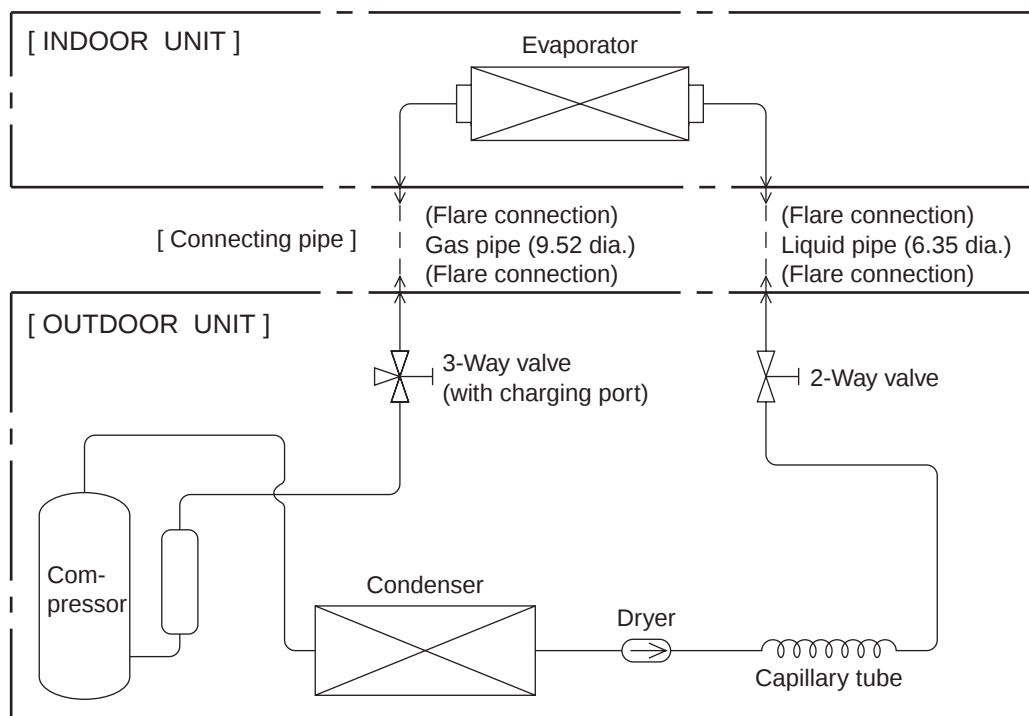
Models : ASY10FSACW / AOY10FSAC



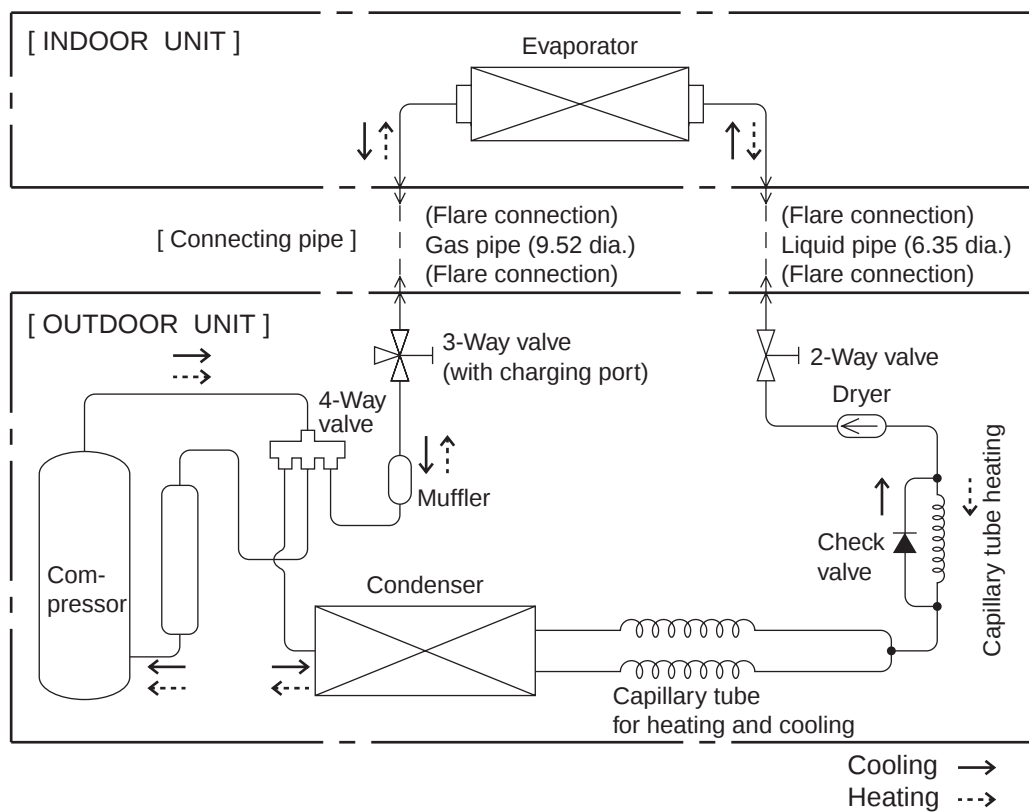
Models : ASY10USACW / AOY10USAC



Models : ASY12FSACW / AOY12FSAC

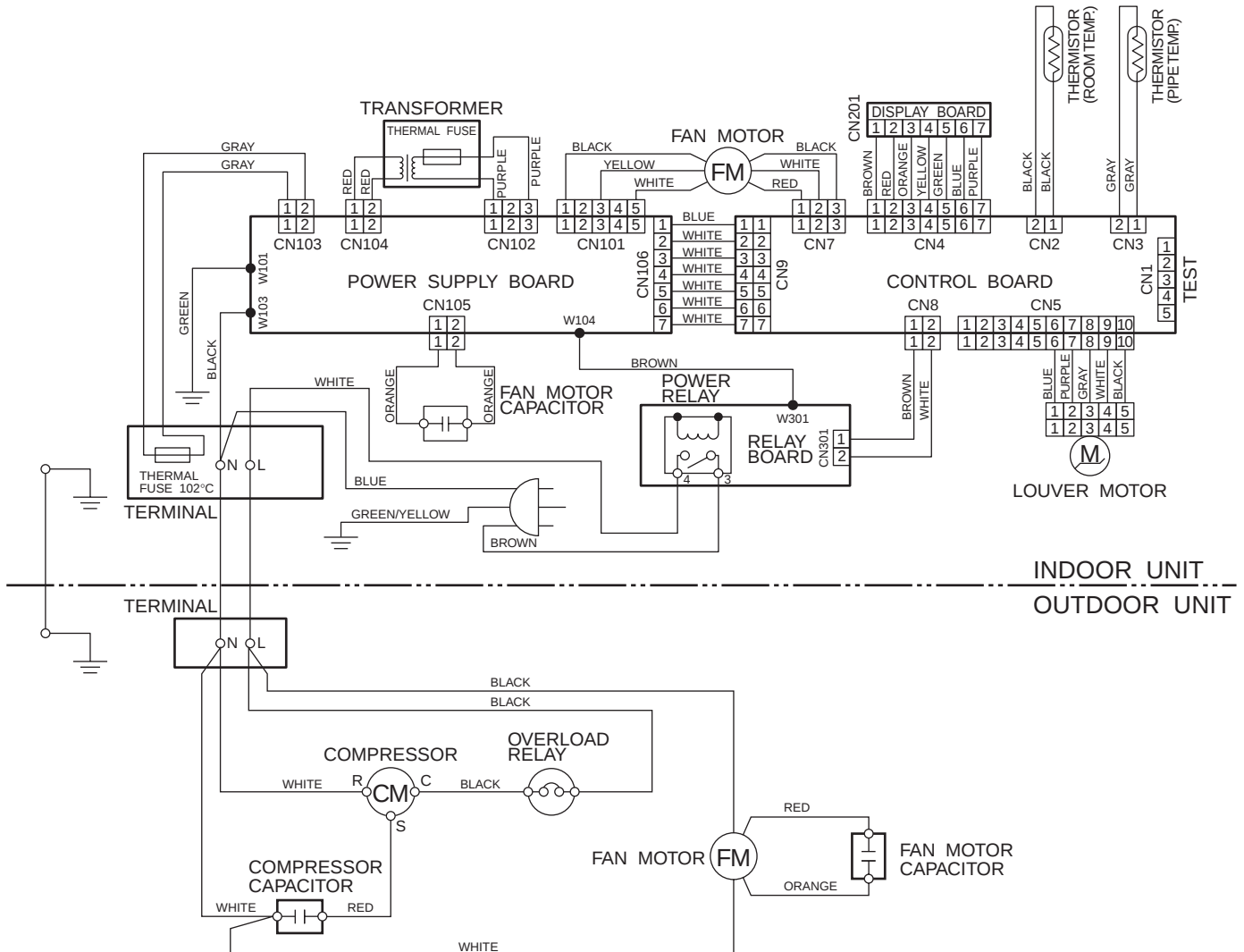


Models : ASY12USACW / AOY12USAC

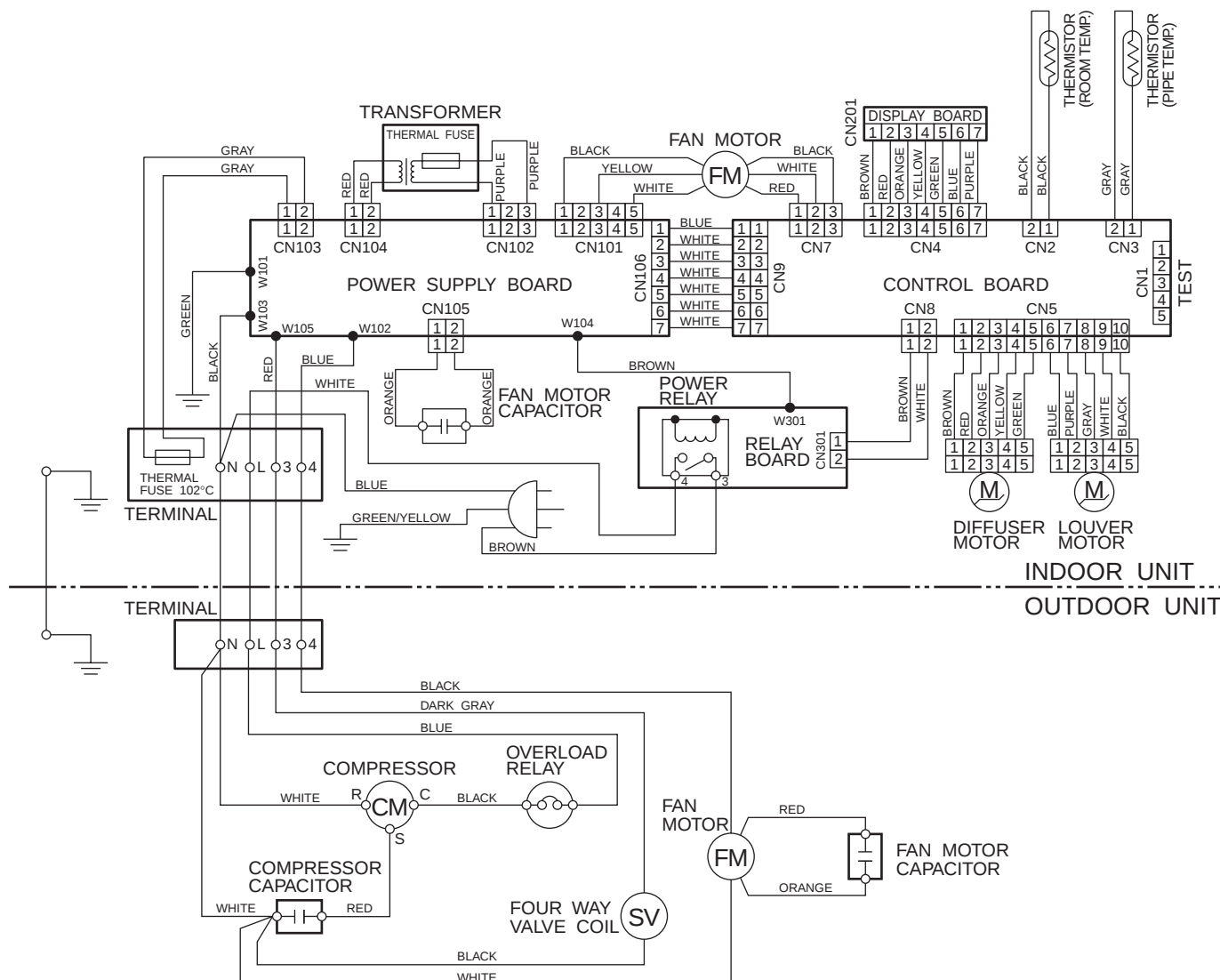


CIRCUIT DIAGRAM

Models : ASY10FSACW / AOY10FSAC
ASY12FSACW / AOY12FSAC



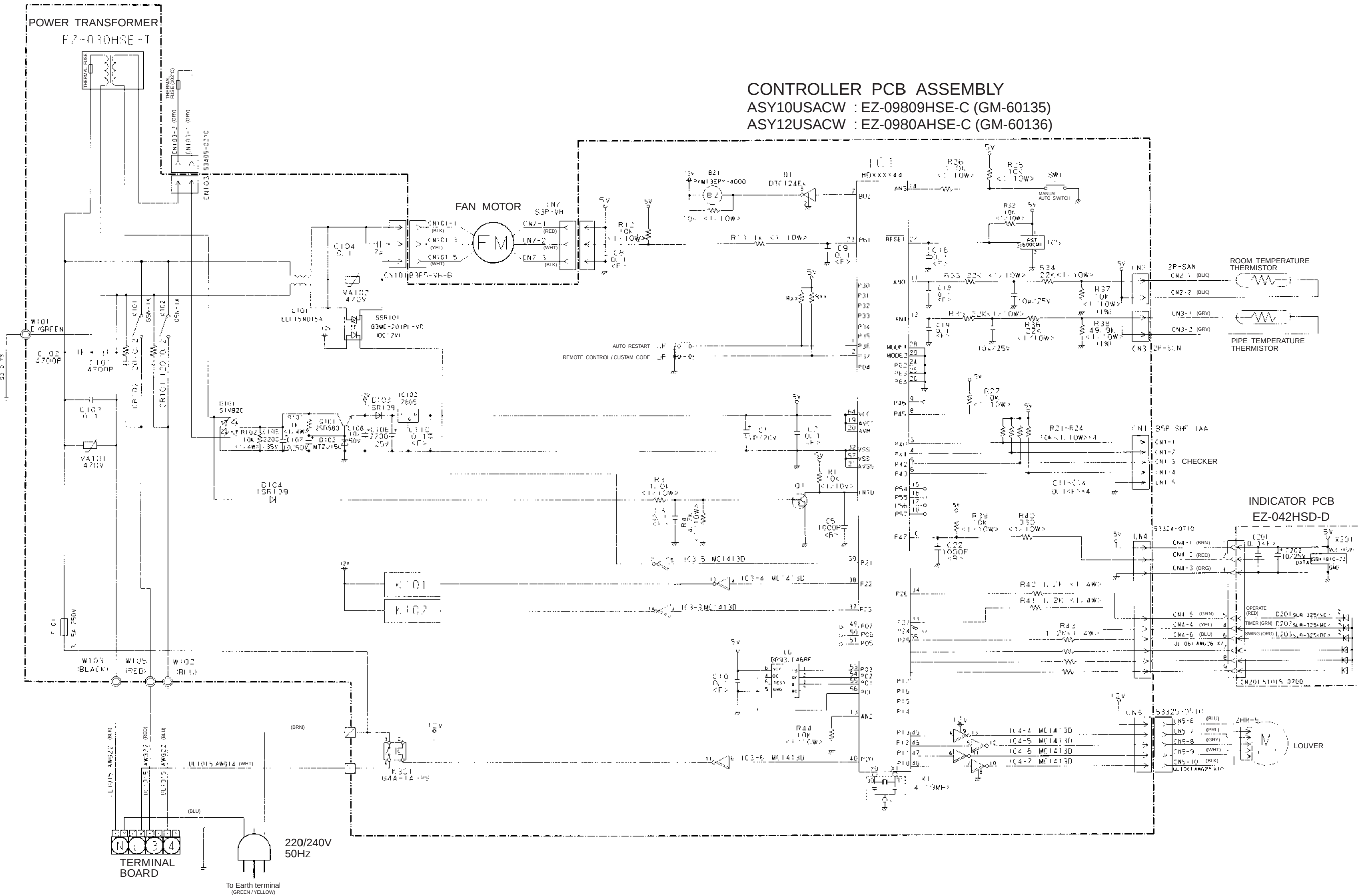
**Models : ASY10USACW / AOY10USAC
ASY12USACW / AOY12USAC**



**Models : ASY10FSACW
ASY12FSACW**



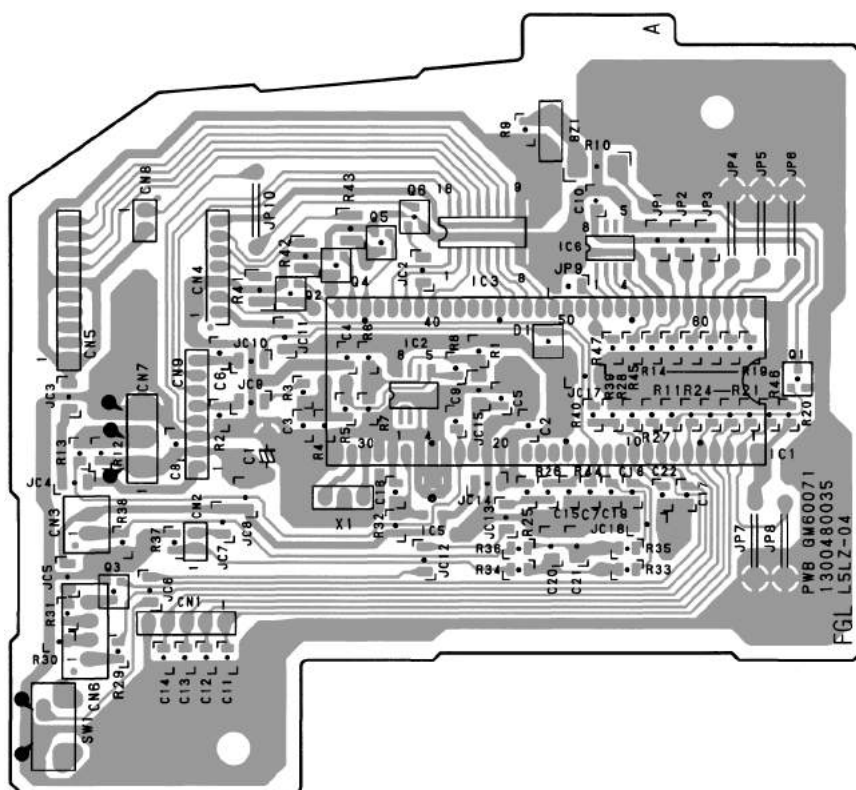
Models : ASY10USACW
ASY12USACW



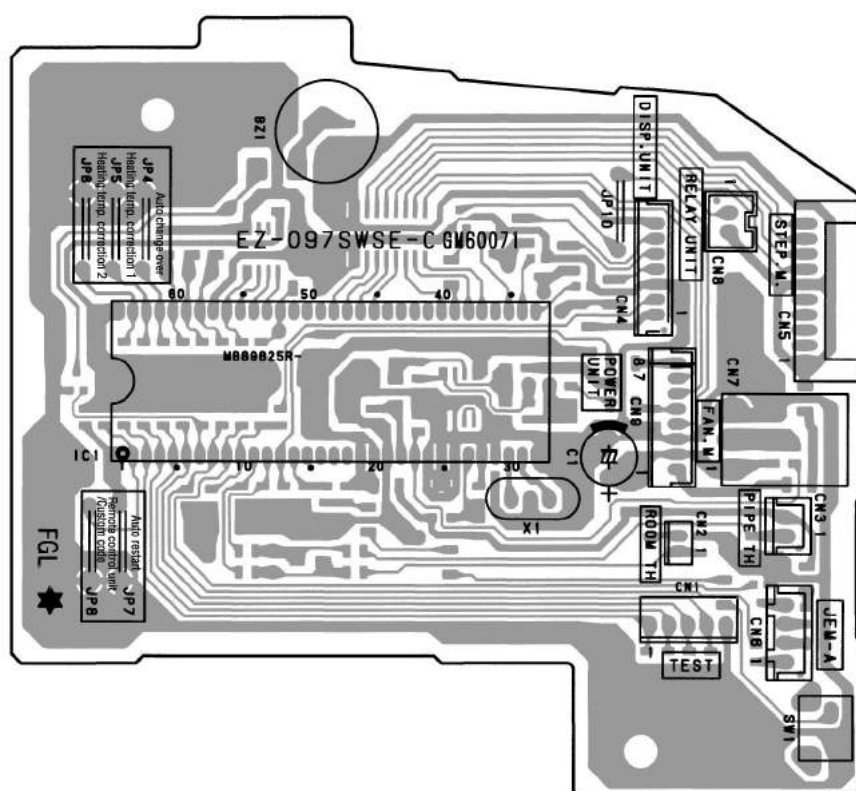
INDOOR P.C. BOARD LAYOUTS

CONTROLLER P.C. BOARD ASSEMBLY (MAIN PCB)

(Viewed from the solder side)

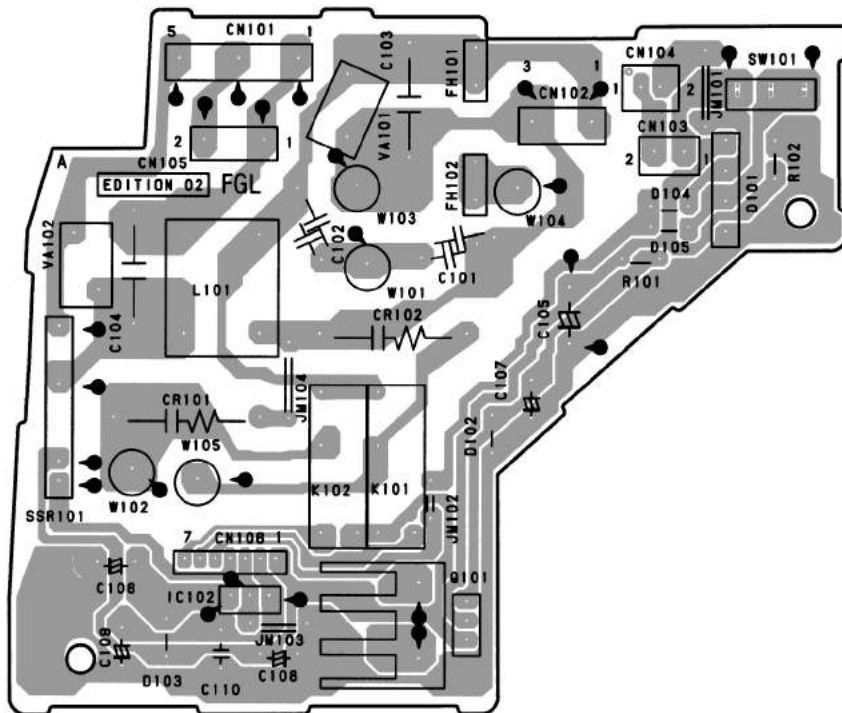


(Viewed from the component side)



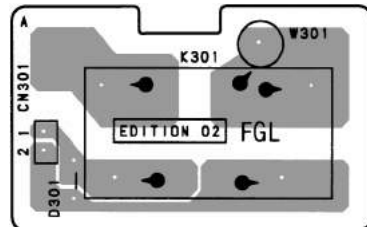
POWER SUPPLY P.C. BOARD ASSEMBLY

(Viewed from the solder side)



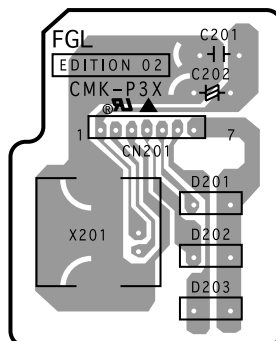
RELAY P.C. BOARD ASSEMBLY

(Viewed from the solder side)

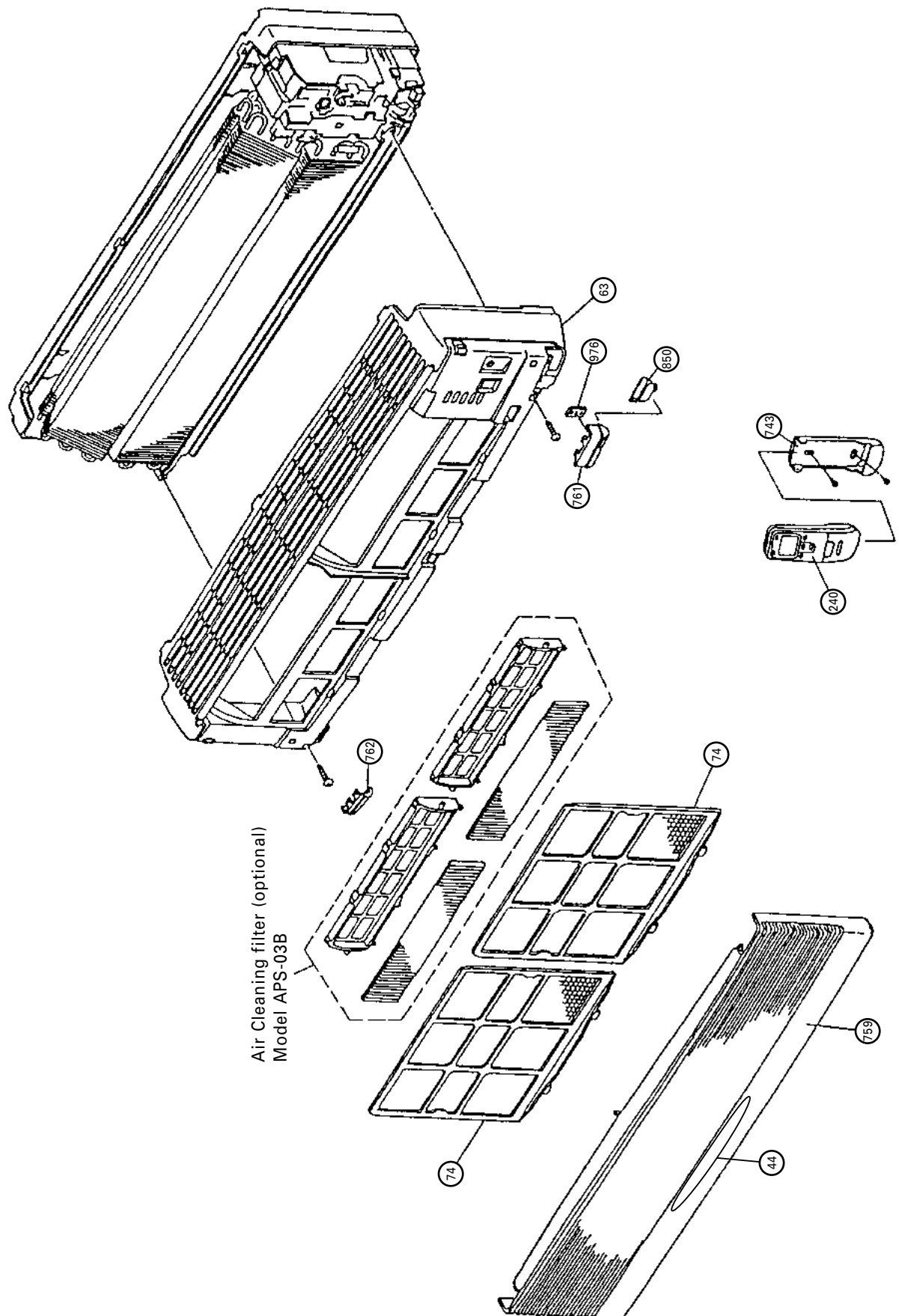


INDICATOR P.C. BOARD ASSEMBLY

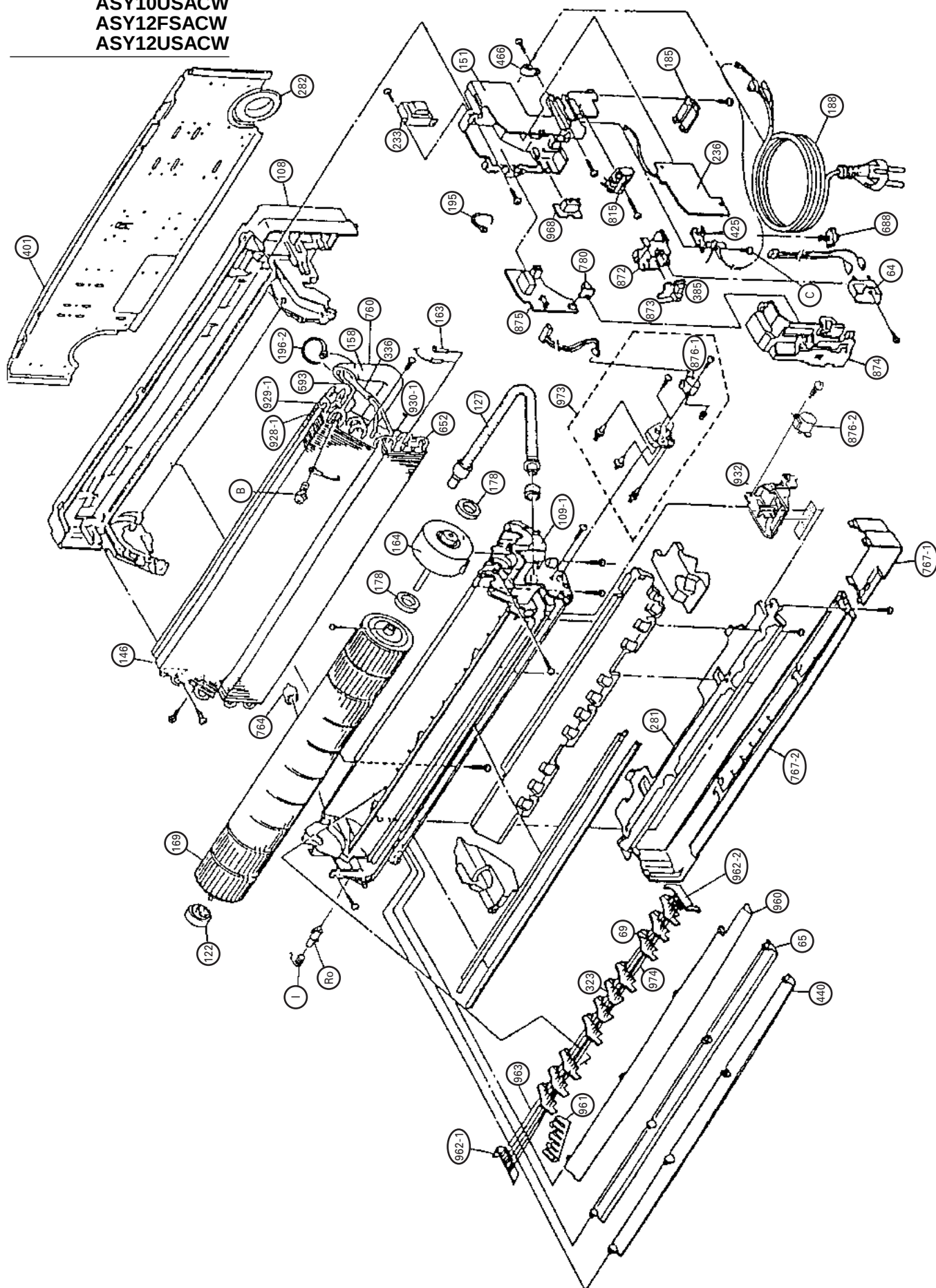
(Viewed from the solder side)



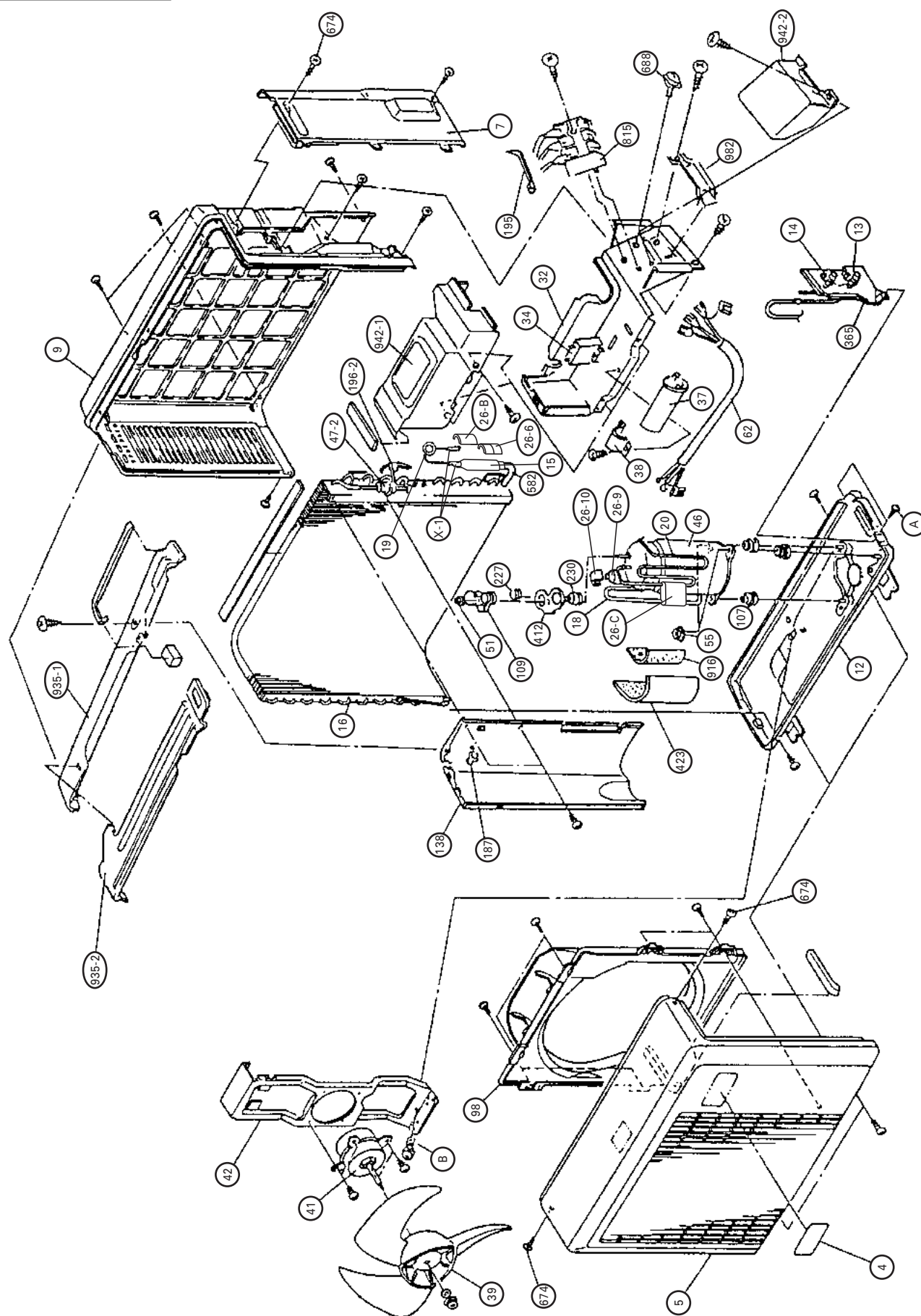
DISASSEMBLY ILLUSTRATION



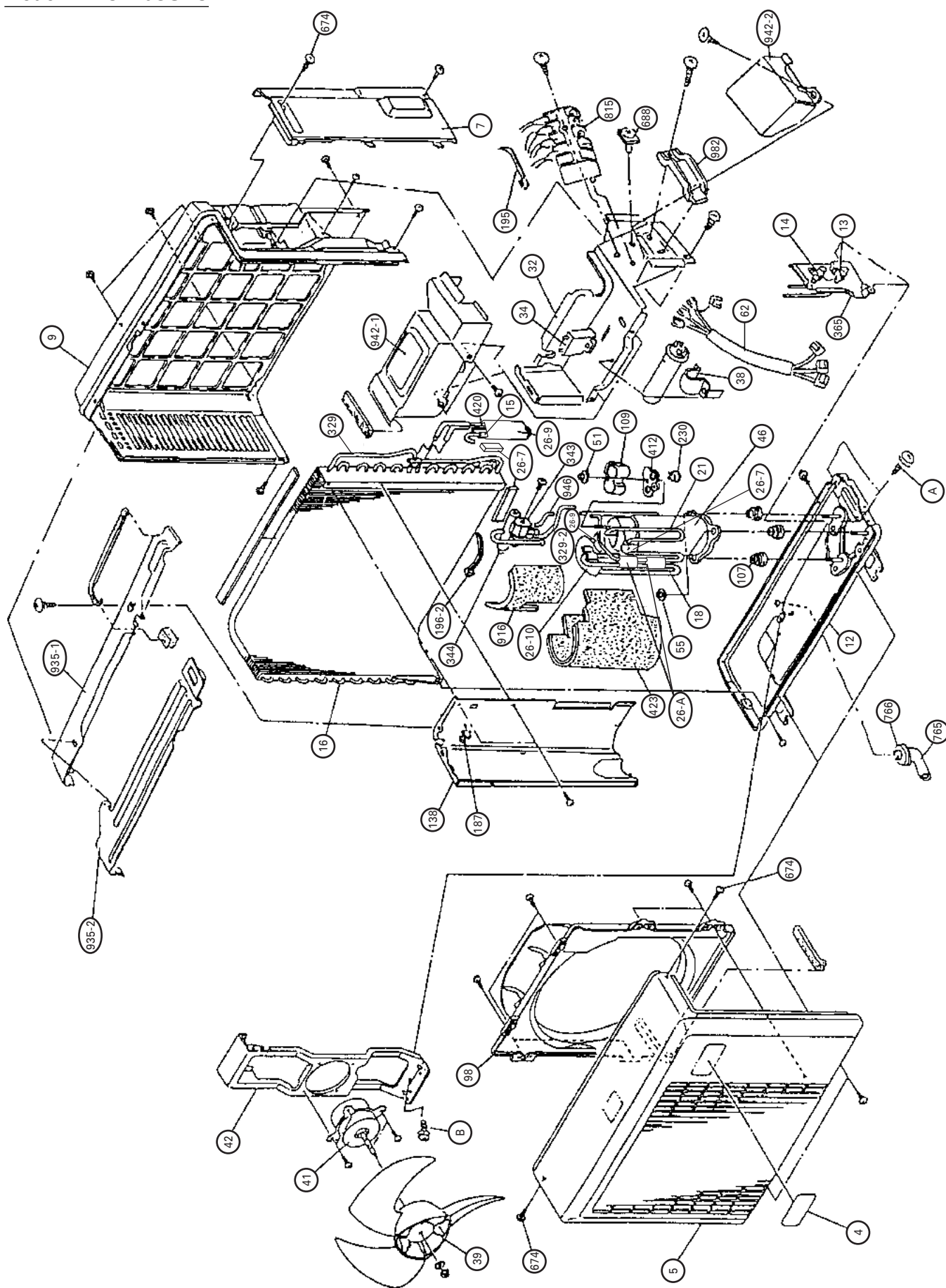
Models : ASY10FSACW
 ASY10USACW
 ASY12FSACW
 ASY12USACW



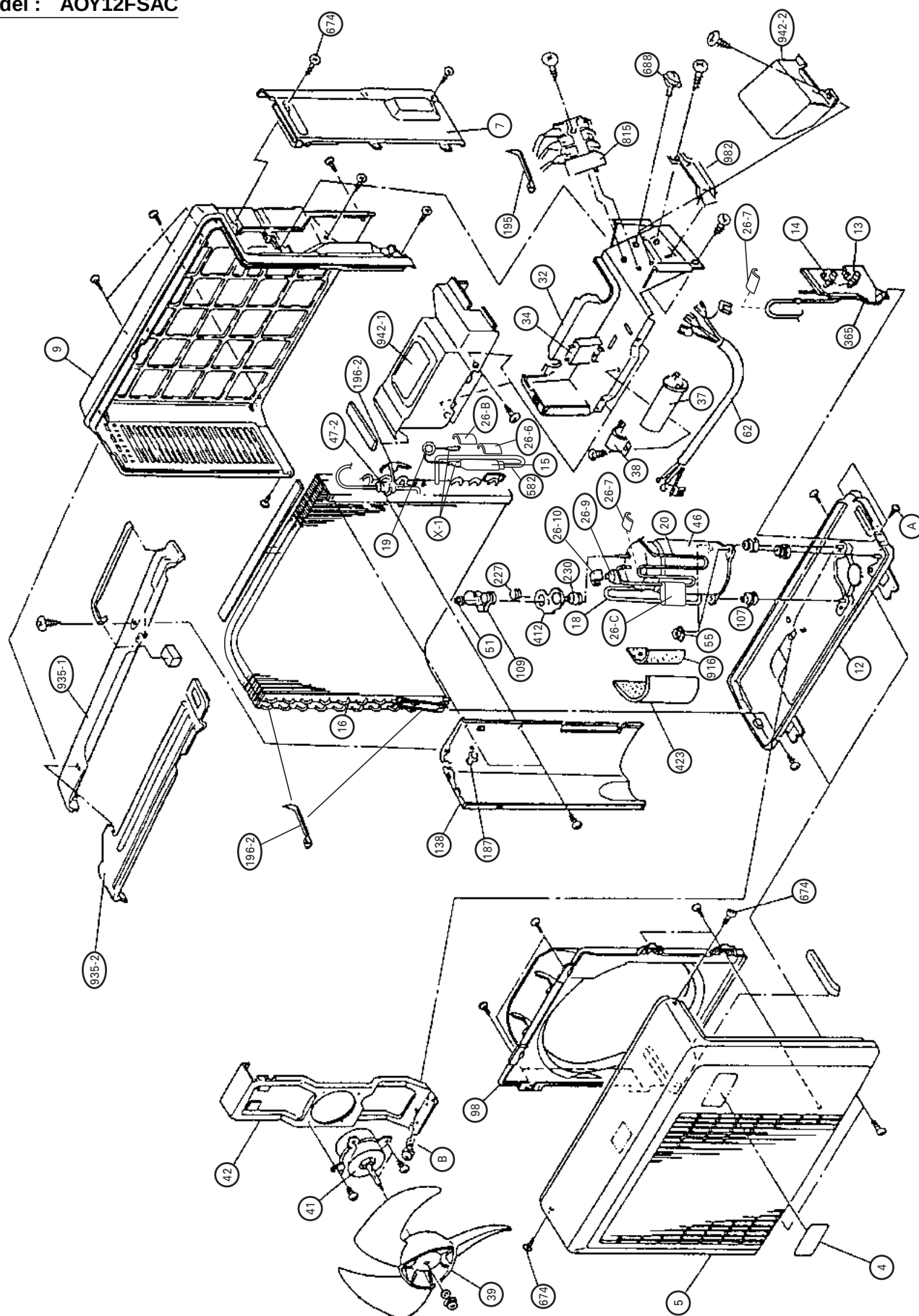
Model : AOY10FSAC



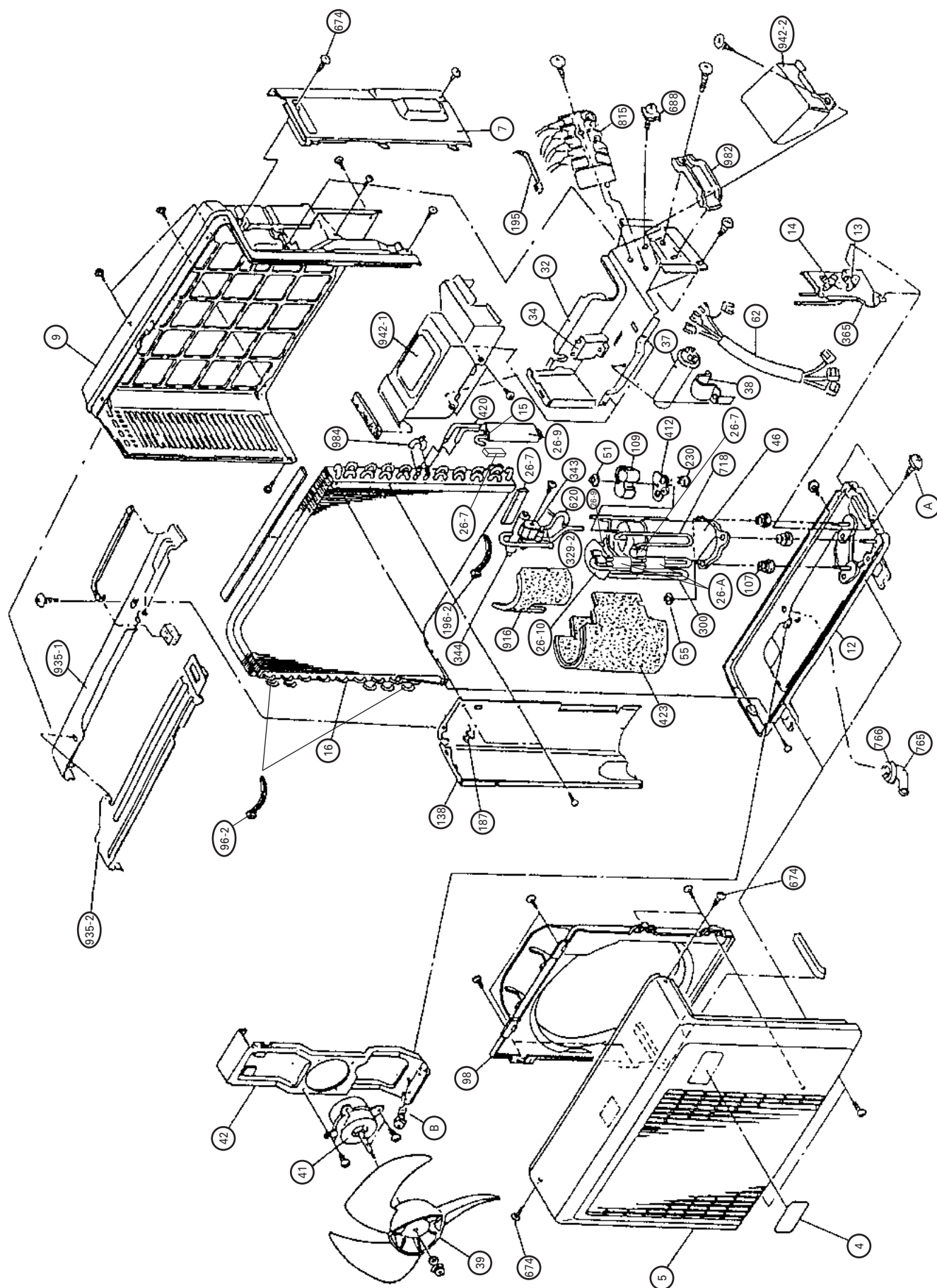
Model : AOY10USAC



Model : AOY12FSAC



Model : AOY12USAC



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.
		ASY10FSACW	ASY10USACW	ASY12FSACW	ASY12USACW	Q'ty
44	Decoration Plate-B	9307218040	9307218040	9307218040	9307218040	
63	Front Panel Assy	9305656394	9305656394	9305656394	9305656394	
64	Capacitor (Fan Motor)	9702105020	9702105020	9702105020	9702105020	
65	Flow Control Panel-Z	9305443017	9305443017	9305443017	9305443017	
69	Louver-A	9305415014	9305415014	9305415014	9305415014	
74	Filter	9305444014	9305444014	9305444014	9305444014	
108	Base	9309755031	9309755031	9309755031	9309755031	
109-1	Casing	9305411016	9305411016	9305411016	9305411016	
122	Shaft Holder-B	9303066010	9303066010	9303066010	9303066010	
127	Drain Hose Assy	9305550029	9305550029	9305550029	9305550029	
146	Evaporator Assy	9308555021	9308555021	9308555021	9308555021	
151	Control Box	9306763015	9306763015	9306763015	9306763015	
158	Connecting Pipe Assy	9306416010	9306416010	9306416010	9306416010	
163	Thermistor Spring	313104262701	313104262701	313104262701	313104262701	
164	Fan Motor Assy-IN	9600917015	9600917015	9600917015	9600917015	
169	Cross-Flow Fan Assy	9307836015	9307836015	9307836015	9307836015	
178	Motor Cushion-B	9306274009	9306274009	9306274009	9306274009	
185	Wire Clamp	9305940004	9305940004	9305940004	9305940004	
188	Power Cord Assy	9701758012	9701758012	9701758012	9701758012	
195	Clamp SKB-100	313361275805	313361275805	313361275805	313361275805	
196-2	Clamp SKB-150	313035356905	313035356905	313035356905	313035356905	
233	Power Transformer	9701803026	9701803026	9701803026	9701803026	
236	Controller PCB Assy	9702973018	9702970031	9702973025	9702971021	
240	Remote Control Unit	9307113048	9307113055	9307113048	9307113055	
281	Clamp Metal (Pipe)	9306192006	9305430000	9306192006	9305430000	
282	Wall Cap-B (Accessory)	313714296205	313714296205	313714296205	313714296205	
323	Louver-B	9305597017	9305597017	9305597017	9305597017	
336	Suction Pipe-A Assy	9305741014	9305741014	9305741014	9305741014	
385	Indicator PCB Assy	9701364015	9701364015	9701364015	9701364015	
401	Wall Hook Bracket	9304358008	9304358008	9304358008	9304358008	
425	Earth Terminal	9306483005	9306483005	9306483005	9306483005	
440	Flow Control Panel-U	9306173012	9306173012	9306173012	9306173012	
466	Clamp NK-4N	313714328805	313714328805	313714328805	313714328805	
593	Discharge Pipe-A Assy	9306417017	9306417017	9306417017	9306417017	
652-1	Thermistor Holder Pipe	313714262805	313714262805	313714262805	313714262805	
688	Screw w/Washer	313681304205	313681304205	313681304205	313681304205	
743	Remote Control Holder	9305642014	9305642014	9305642014	9305642014	
755-2	Casing Cover-R	9305418008	9305418008	9305418008	9305418008	
755-4	Casing Cover-B	9305419005	9305419005	9305419005	9305419005	
755-5	Insulation (Casing)-U	9305730001	9305730001	9305730001	9305730001	
755-6	Insulation (Casing)-V	9305925018	9305925018	9305925018	9305925018	
759	Intake Grille-D	9307186028	9307186028	9307186028	9307186028	
760	Insulation (Pipe)-E	9304607007	9304607007	9304607007	9304607007	
761	Side Cover-R	9305996018	9305996018	9305996018	9305996018	
762	Side Cover-L	9305437047	9305437047	9305437047	9305437047	
764	Drain Cap Assy	9304150008	9304150008	9304150008	9304150008	
767-1	Bottom Cover-A	9309801035	9309801035	9309801035	9309801035	
767-2	Bottom Cover-B	9309802032	9309802032	9309802032	9309802032	
780	Key Top (Slide Switch)	9303526002	9303526002	9303526002	9303526002	
815	Terminal-2P	9701955022	—	9701955022	—	

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

INDOOR UNIT (Continued)

Ref. No.	Description	Part No.				Ord. Q'ty
		ASY10FSACW	ASY10USACW	ASY12FSACW	ASY12USACW	
815	Terminal-4P	—	9701955039	—	9701955039	
850	Window (Receiver)	9305439027	9305439027	9305439027	9305439027	
872	Indicator Case	9305978014	9305978014	9305978014	9305978014	
873	Lamp Cover	9305451012	9305451012	9305451012	9305451012	
874	Control Box Cover	9305977017	9305977017	9305977017	9305977017	
875	Power Supply PCB Assy	9702441012	9702441029	9702441012	9702441029	
876-1	Step Motor	9305780006	9305780006	9305780006	9305780006	
876-2	Step Motor	—	9305892006	—	9305892006	
928-1	U-Pipe (BB)	9305747009	9305747009	9305747009	9305747009	
929-1	U-Pipe (V)	9305748006	9305748006	9305748006	9305748006	
930-1	U-Pipe (W)	9305749003	9305749003	9305749003	9305749003	
932	Outlet Cover	9305414017	9305414017	9305414017	9305414017	
960	Diffuser Assy	9306013011	9305768011	9306013011	9305768011	
961	Guard Clamp	9306332013	9306332013	9306332013	9306332013	
962-1	Guard Holder-L	9305753017	9305753017	9305753017	9305753017	
962-2	Guard Holder-R	9305752010	9305752010	9305752010	9305752010	
963	Fan Guard	9305751013	9305751013	9305751013	9305751013	
964	Flare Nut-A	9307767005	9307767005	9307767005	9307767005	
965	Flare Nut-B	9307768002	9307768002	9307768002	9307768002	
966	Bonnet-A	9304798019	9304798019	9304798019	9304798019	
967-1	Bonnet-B	9304799016	9304799016	9304799016	9304799016	
968	Relay PCB Assy	9702443214	9702443214	9702443214	9702443214	
973	Gear Assy	9305452002	9305452002	9305452002	9305452002	
974	Joint (Louver)	9305416011	9305416011	9305416011	9305416011	
976	Window (Indicator)	9305440016	9305440016	9305440016	9305440016	
B	Machine Screw (with Spring Washer)	0700179013	0700179013	0700179013	0700179013	
C	Machine Screw (Special)	0700184031	0700184031	0700184031	0700184031	
I	Diffuser Spring	9305731008	9305731008	9305731008	9305731008	
Ro	Connecting Pin	9305413010	9305413010	9305413010	9305413010	

OUTDOOR UNIT

Ref. No.	Description	Part No.				Ord. Q'ty
		AOY10FSAC	AOY10USAC	AOY12FSAC	AOY12USAC	
4	Emblem-Rear	9308468017	9308468017	9308468017	9308468017	
5	Cabinet Front Panel, Plastic	9306386016	9306386016	9306386016	9306386016	
7	Connector Cover (Cabinet)	9306119010	9306119010	9306119010	9306119010	
9	Cabinet Rear Panel, Plastic	9306385019	9306385019	9306385019	9306385019	
12	Base Assy, Painted	9306118020	9306118020	9306118020	9306118020	
13	3-Way Valve	9310085011	9310085011	9310085011	9310085011	
14	2-Way Valve	9310084014	9310084014	9310084014	9310084014	
15	Dryer	9308440006	9308440006	9308440006	9308440006	
16	Condenser Assy	9308462015	9308459015	9308463012	9308460011	
18	Suction Pipe	9308675002	9308448019	9308679000	9308453013	
19	Capillary Tube	9308670007	—	9308668004	—	
20	Discharge Pipe Assy	9308677006	9307035012	9308681003	9307035012	
26-6	BR Sheet 100x120x T5	9305039029	—	9305039029	—	
26-7	BR Sheet 30x120x T7	—	9305039036	9305039036	9305039036	
26-9	BR Sheet 180x180x T2	9305039067	9305039067	9305039067	9305039067	
26-10	BR Sheet 100x160x T5	9305039074	9305039074	9305039074	9305039074	
26-A	BR Sheet 50x160x T3	—	9300389129	—	9300389129	
26-B	BR Sheet 170x130x T2	9305498062	—	9305498062	—	
26-C	BR Sheet 55x135x T2	9305039166	—	9305039166	—	
32	Control Box Metal	9308561015	9308561015	9308561015	9308561015	
34	Capacitor (Fan Motor)	9700468097	9700468097	9700468097	9700468097	
37	Capacitor (Running)	9306512019	9306512019	9306512019	9306512019	
38	Clamp Metal (Capacitor)	313468061808	313468061808	313468061808	313468061808	
39	Propeller Fan	9305538003	9305538003	9305538003	9305538003	
41	Fan Motor Assy-Out	9307715020	9307715020	9307715020	9307715020	

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

OUTDOOR UNIT (Continued)

Ref. No.	Description	Part No.				Ord. Q'ty
		AOY10FSAC	AOY10USAC	AOY12FSAC	AOY12USAC	
42	Bracket (Motor)	9305536016	9305536016	9305536030	9305536030	
46	Compressor Assy	9310112014	9310112014	9310110010	9310110010	
47-2	Discharge Pipe Rubber (Pipe Absorber)	313185159802	—	313185159802	—	
51	Special Nut M5	313199233602	313199233602	313199233602	313199233602	
55	Special Nut M8	313252257701	313252257701	313252257701	313252257701	
62	Wire Assy (Shield)-A	9395695027	9305971026	9395695027	9305971026	
98	Fan Ring	9305581023	9305581023	9305581023	9305581023	
107	Rubber Seat-A	9351813017	9351813017	9351813017	9351813017	
109	Terminal Cover (Comp.)	9351120009	9351120009	9351120009	9351120009	
138	Separate Wall	9305971008	9305971008	9305971008	9305971008	
187	Clamp No.1219	313361271706	313361271706	313361271706	313361271706	
195	Clamp SKB-100	313361275805	313361275805	313361275805	313361275805	
196-2	Clamp SKB-150	—	313035356905	—	313035356905	
196-2	Clamp SKB-3MC	9305335008	9305335008	9305335008	9305335008	
230	Overload Relay	9308430007	9308430007	9308443001	9308443001	
246	Outlet Pipe (Cond.)	9308669001	—	9308666000	—	
259	Muffler	—	—	—	9308625007	
329	Coupling Pipe Assy	—	9308486011	—	—	
329-2	Coupling Pipe-C	—	9306433000	—	—	
343	Solenoid Coil	—	9307252013	—	9307252013	
344	4-Way Valve	—	9308438003	—	9308438003	
365	Bracket (Valve)	9306748036	9306748036	9306748036	9306748036	
412	Terminal Gasket (Comp.)	9351121006	9351121006	9351121006	9351121006	
420	Capillary Assy (with Check Valve)	—	9308337009	—	9308340009	
423	Noise Insulation-F	9308464019	9308464019	9308464019	9308464019	
519-2	Check Valve	—	9308342003	—	9308342003	
582	Discharge Pipe	9308669001	—	9308666000	—	
620	Inlet Pipe Assy	—	—	—	9308455017	
674	Tapping Screw (Special)	9305848010	9305848010	9305848010	9305848010	
688	Screw (with Square Washer)	313681304205	313681304205	313681304205	313681304205	
765	Drain Pipe	—	9301102000	—	9301102000	
766	Drain Pipe Packing	—	9301143003	—	9301143003	
815	Terminal-3P	9306489014	—	9306489014	—	
815	Terminal-5P	—	9306488017	—	9306488017	
916	Noise Insulation-G	9306362003	9306362003	9306362003	9306362003	
935-1	Reinforcement (Cabinet Top)	9305973002	9305973002	9305973002	9305973002	
935-2	Reinforcement-F (Cabinet Top)	9306123000	9306123000	9306123000	9306123000	
942-1	Control Box Cover-A Metal	9308562012	9308562012	9308562012	9308562012	
942-2	Control Box Cover-B Metal	9305975006	9305975006	9305975006	9305975006	
946	Inlet Pipe Assy	—	9308452016	—	—	
982	Cord Clamp (Plastic, Black)	9302271002	9302271002	9302271002	9302271002	
A	Screw (with Inner Washer)	9357297002	9357297002	9357297002	9357297002	
B	Screw (with Spring Washer)	0700179013	0700179013	0700179013	0700179013	
984	U Pipe (Y) D7	—	—	—	9308442000	
X-1	Connection Pipe (Capillary)	9308667007	—	9308667007	—	
985	Special Nut. w/Washer	9304902003	9304902003	—	—	
986	Special Washer	9304903000	9304903000	—	—	

Note : Always use specified screws, since Ref. No.668, A, B and C are screws for the earth.

Ref. No.688 : Machine screw (with spring washer) M4 x P0.7 x L10, plating thickness 5μ or more

A : Tapping screw (with inner clip washer) M4 x L10, plating thickness 5μ or more

B : Machine screw (with spring washer) M4 x P0.7 x L10, plating thickness 5μ or more

C : Machine screw (with spring washer) M4 x P0.7 x L8, plating thickness 5 μ or more

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

CONTROLLER PCB ASSEMBLY (Ref. No. 236)

Ref. No.	Description	Part No.	Ord. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
IC1	IC MB89625R-SH-697	1301535024		R40	Res. 1/10W 330Ω±5%	0200212623	
IC2	IC NJM2904M	0100534054		R41 ~43	Res. 1/4W 1.2kΩ±5%	0200708768	
IC3	IC MC1413D	0101736013		JC1	Res. 0Ω	0200230016	
IC4	IC MC1413D	0101736013			(For ASY12FSACW,ASY12USACW)		
	(For ASY12FSACW,ASY12USACW)			JC2 ~4,6 ~9, 11~17	Res. 0Ω	0200230016	
IC5	IC PST600CMT	0101461120		C1	Cap. Elec. 50V 10μF	0301192541	
IC6	IC BR93LC46RF-E2	0100295016		C2~5,8 ~16, 18,19	Cap. Ceramic 0.1μF	0300266748	
Q1,2	Xstr DTC124EK	0000517034		C20,21	Cap. Ceramic 16V 1μF	0300316153	
Q4~6	Xstr DTC124EK	0000517034		C22	Cap. Ceramic 1000pF	0300308509	
	(For ASY10FSACW,ASY10USACW)			X1	Ceramic Resonator CST8.38MTW-TF01	0400061021	
R1	Res. 1/10W 1.5kΩ±5%	0200212784		SW1	Push Switch KSM0632B	9703476013	
R2,7,33 ~36	Res. 1/10W 22kΩ±5%	0200213095		BZ1	Buzzer PKM13EPY-4000-TF01	9701298013	
R3,9,13,26	Res. 1/10W 1kΩ±5%	0200212746		CN1	Plug, PCB B5P-SHF-1AA	0500006069	
R4	Res. 1/10W 4.7kΩ±5%	0200212906		CN2	Thermistor 150-103-86116	9702324018	
R5,11,12,14 ~ 25,27,39,44, 46,47	Res. 1/10W 10kΩ±5%	0200213019		CN3	Thermistor 150-503-96064	9702039035	
R6	Res. 1/10W 33kΩ±5%	0200213132		CN4	Plug, PCB 53324-0710	0501052065	
R8	Res. 1/10W 1MΩ±5%	0200213491		CN5	Plug, PCB 53325-1010	0501052591	
R10	Res. 1/2W 1.2kΩ±5%	0200731766		CN7	Plug, PCB S3P-VH	0500011308	
R32	Res. 1/10W 100kΩ±5%	0200213255		CN8	Plug, PCB B2B-XASK-1-A	0501045012	
R37	Res. 1/10W 10kΩ±1%	0200279497		CN9	Plug, PCB 917072-7	0501065010	
R38	Res. 1/10W 49.9kΩ±1%	0200279824					

INDICATOR PCB ASSEMBLY (Ref. No.385)

Ref. No.	Description	Part No.	Ord. Q'ty
D201	Diode SLR-325VC RED	0000813259	
D202	Diode SLR-325MC GRN	0000813242	
D203	Diode SLR-325DC ORG	0000813235	
C201	Cap. Ceramic 0.1μF	0300988251	
C202	Cap. Elec. 25V 10μF	0300504413	
X201	Remote Control Amplifier SBX1810-22	0101525129	
CN201	Wire w/Connector L=230 Lamp Cover	9701397013 9305451012	

RELAY PCB ASSEMBLY (Ref. No.968)

Ref. No.	Description	Part No.	Ord. Q'ty
K301	Relay G4A-1A-E-PS	9703454011	
CN301	Wire w/Connector L=140	9701279012	

POWER SUPPLY PCB ASSEMBLY (Ref. No. 875)

Parts in () are used for ASY10USA-W and ASY12USA-W.

Ref. No.	Description	Part No.	Ord. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
IC102	IC NJM7805FA	0100462081		HT101	Heat Sink 16*25	9701675012	
Q101	Xstr 2SD880	0000001014		FH101,102	Fuse Holder PFC5000-0502	0500158072	
D101	Diode S1VB20	0000292054		CN101	Plug, PCB B3P5-VH-B	0500011735	
D102	Diode MTZJ15C	0000852203		CN102	Plug, PCB B2P3-VH-B	0500011728	
D103~105	Diode 1SR139-400	0000353137		CN103	Plug, PCB 53405-0210	0500940011	
C101,102	Cap. Ceramic 4700pF	0300209110		CN104	Plug, PCB B2B-XH-AM	0500005321	
C103,104	Cap. Plastic 0.1μF	0300304075		CN105	Plug, PCB 53406-9910	0500951048	
C105	Cap. Elec. 35V 2200μF	0300331118		CN106	Wire w/Connector L=100	9701424016	
C106	Cap. Elec. 25V 2200μF	0300327111		W101	Wire w/Terminal L=210	9701660018	
C107~109	Cap. Elec. 50V 10μF	0301192541		(W102)	Wire w/Terminal L=240 BLU	9701802012	
C110	Cap. Ceramic 0.1μF	0300988251		W103	Wire w/Terminal L=225 BLK	9701657018	
SW101	Slide Switch 8SS1012-1	9701426010		W104	Wire w/Terminal L=150 BRN	9701658015	
VA101,102	Varistor ERZ-V10V471CS	0000515139		(W105)	Wire w/Terminal L=240 RED	9701802029	
F101	Fuse BET 3.15A - 250V	0600222512		(CR101,102)	CR Absorber RPEL-121204-C	9701125012	
L101	Line Filter ELF15N015A	0400165118		(K101,102)	Relay G5N-1A	9701566013	
R101	Res. Carbon 1/4W 1kΩ±5%	0201038758		JM101,104	Wire 0.6 mm dia. L=10 mm	9700025016	
R102	Res. Carbon 1/4W 10kΩ±5%	0201005019		JM102	Wire Assembly IPS-1041-2	9700035015	
SSR101	Relay G3MC-201PL-VD	9702430016		JM103	Wire 0.6 mm dia. L=7.5 mm	9701076017	