



SPLIT TYPE ROOM AIR CONDITIONER WALL MOUNTED type

SERVICE MANUAL

Models	Indoor unit	Outdoor unit
	ASY9ASE-W	AOY9ANE
	ASY9RSE-W	AOY9RSE
	ASY12ASE-W	AOY12ASE
	ASY12RSE-W	AOY12RSE
	ASY9ASECW	AOY9ANEC
	ASY9RSECW	AOY9RSEC
	ASY12ASECW	AOY12ASEC
	ASY12RSECW	AOY12RSEC

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

TYPE		COOL	COOL & HEAT	COOL	COOL & HEAT
INDOOR UNIT		ASY9ASE-W, ASY9ASECW	ASY9RSE-W, ASY9RSECW	ASY12ASE-W, ASY12ASECW	ASY12RSE-W, ASY12RSECW
OUTDOOR UNIT		AOY9ANE, AOY9ANEC	AOY9RSE, AOY9RSEC	AOY12ASE, AOY12ASEC	AOY12RSE, AOY12RSEC
COOLING CAPACITY	(kW)	2.75 - 2.70	2.75 - 2.70	3.50 - 3.45	3.45 - 3.40
HEATING CAPACITY	(kW)	—	3.35 - 3.30	—	4.05 - 3.95

ELECTRICAL SPECIFICATIONS

POWER SUPPLY (V)		240 - 220			
FREQUENCY (Hz)		50			
RUNNING CURRENT (A)	COOLING	4.7 - 4.6	4.5 - 4.6	6.0 - 6.0	5.9 - 5.8
	HEATING	—	4.1 - 4.2	—	5.9 - 5.8
INPUT (kW)	COOLING	1.03 - 0.97	1.03 - 0.98	1.315 - 1.255	1.26 - 1.21
	HEATING	—	0.94 - 0.89	—	1.28 - 1.21
EER (kW/kW)	COOLING	2.67 - 2.78	2.67 - 2.76	2.66 - 2.75	2.74 - 2.81
	HEATING	—	3.56 - 3.71	—	3.16 - 3.26
MOISTURE REMOVAL (ℓ/hr)		1.3	1.3	1.8	1.8
AIR CIRCULATION-HI (m³/hr)		465 - 430	COOL 480 - HEAT 495	500 - 480	COOL 495 - HEAT 495

COMPRESSOR

TYPE	Hermetic type, Permanent split condenser, 2 pole, Single phase, Induction motor			
CODE	2PS1805AA02 240-220V 50Hz	80697645 240-220V 50Hz	80615945 240-220V 50Hz	80615945 240-220V 50Hz
REFRIGERANT R-22 (g)	670	900	870	1,100

FAN MOTOR

POWER SUPPLY (V)		240 - 220	240 - 220	240 - 220	240 - 220
INDOOR UNIT	HI-SPEED (r.p.m.)	1,265 - 1,180	COOL 1,300 - HEAT 1,330	1,340 - 1,280	COOL 1,330 - HEAT 1,330
	MED-SPEED (r.p.m.)	1,155 - 1,040	COOL 1,210 - HEAT 1,180	1,240 - 1,155	COOL 1,260 - HEAT 1,180
	LO-SPEED (r.p.m.)	1,060 - 940	COOL 1,140 - HEAT 1,030	1,150 - 1,040	COOL 1,190 - HEAT 1,030
	QUIET (r.p.m.)	960 - 840	COOL 1,070 - HEAT 970	1,040 - 920	COOL 1,120 - HEAT 970
OUTDOOR UNIT	(r.p.m.)	700 - 660	720 - 675	720 - 675	710 - 665

DIMENSIONS

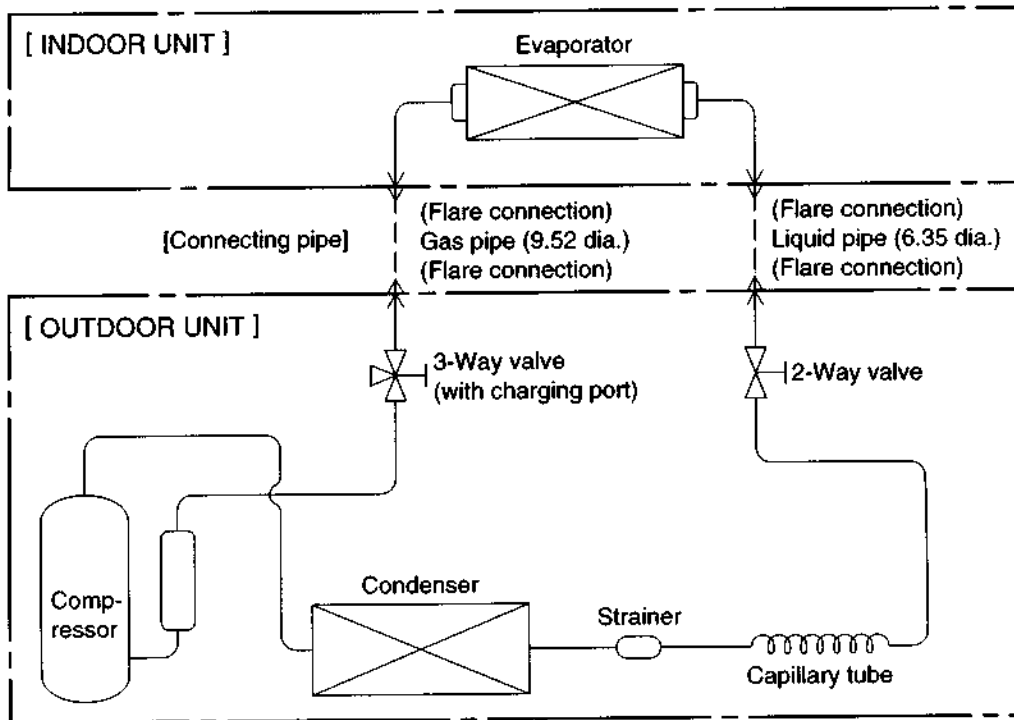
INDOOR UNIT	HEIGHT x WIDTH x DEPTH	260 mm x 815 mm x 168 mm	260 mm x 815 mm x 168 mm	260 mm x 815 mm x 168 mm	260 mm x 815 mm x 168 mm
OUTDOOR UNIT	HEIGHT x WIDTH x DEPTH	530 mm x 695 mm x 250 mm	530 mm x 695 mm x 250 mm	535 mm x 695 mm x 250 mm	530 mm x 695 mm x 250 mm

WEIGHT

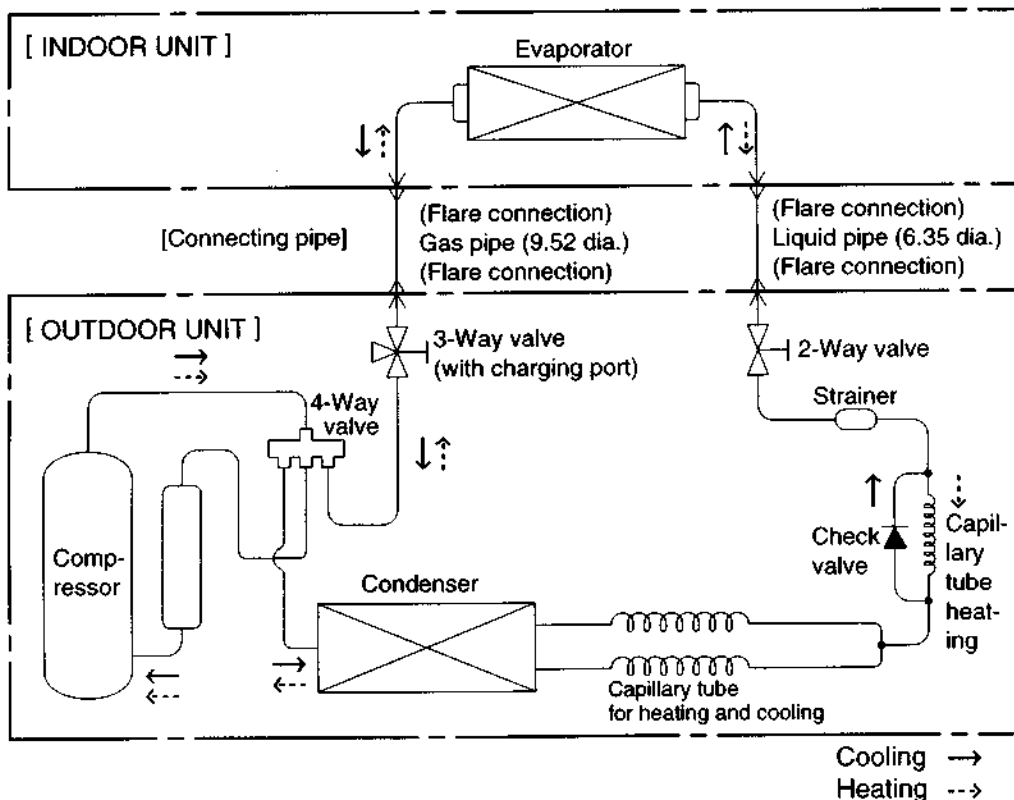
INDOOR UNIT	GROSS / NET (kg)	10 / 8	10 / 8	10 / 8	10 / 8
OUTDOOR UNIT	GROSS / NET (kg)	29 / 26	31 / 28	33 / 30	36 / 33

REFRIGERANT CYCLE

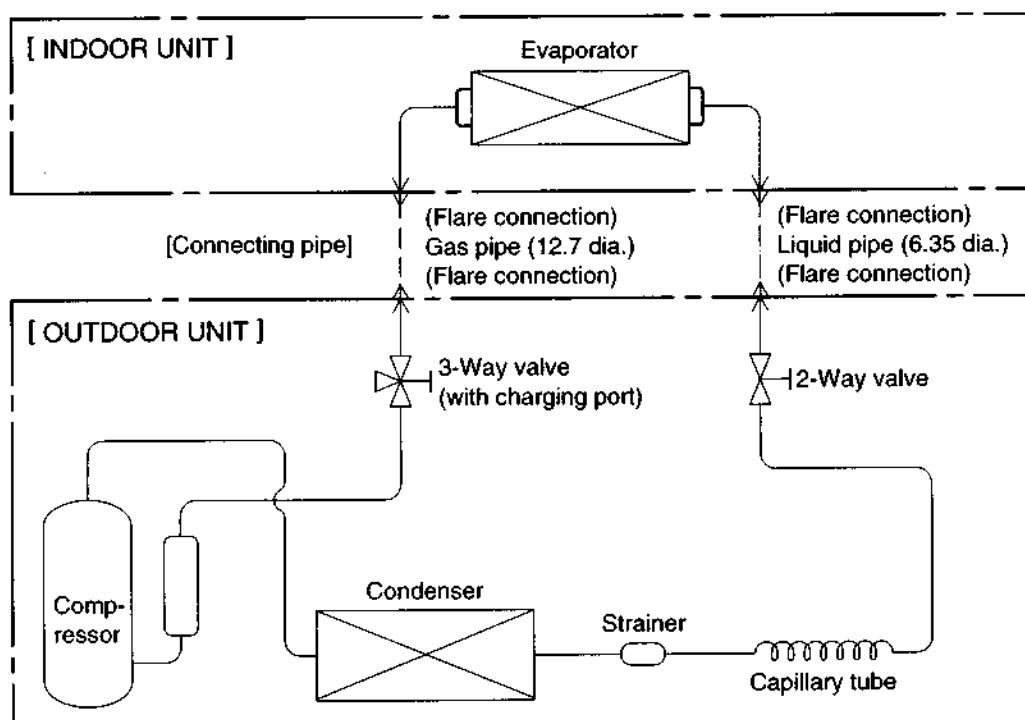
Models : ASY9ASE-W/AOY9ANE
ASY9ASECW/AOY9ANEC



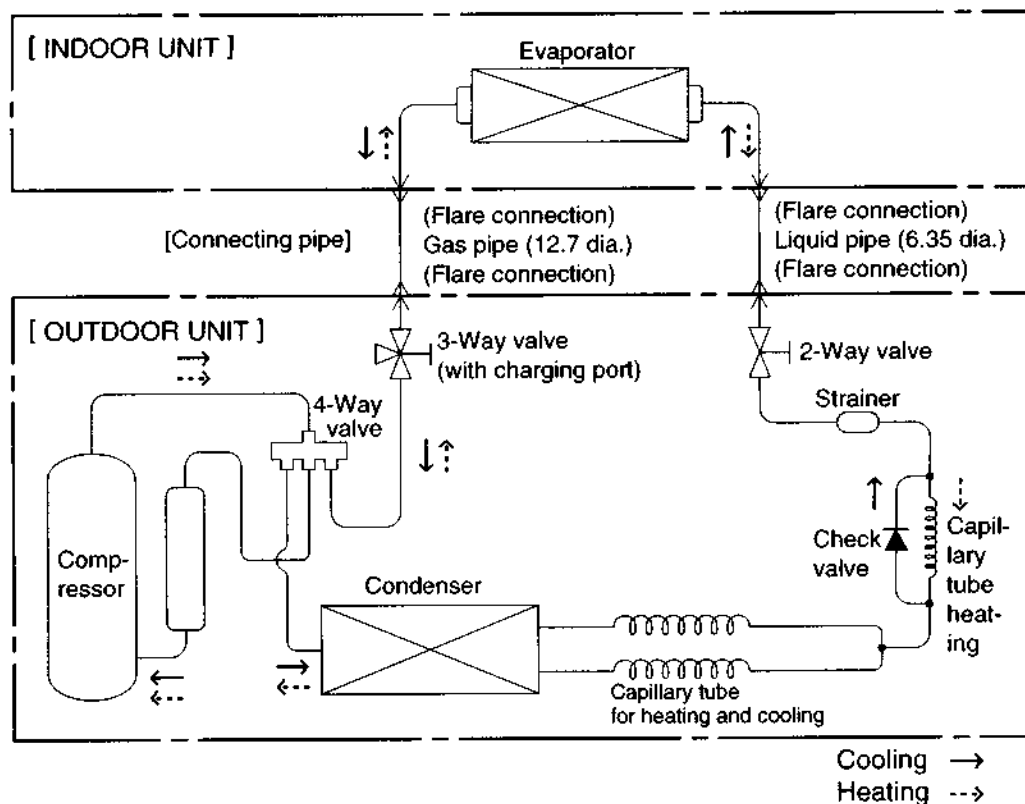
Models : ASY9RSE-W/AOY9RSE
ASY9RSECW/AOY9RSEC



Models : ASY12ASE-W/AOY12ASE
ASY12ASECW/AOY12ASEC

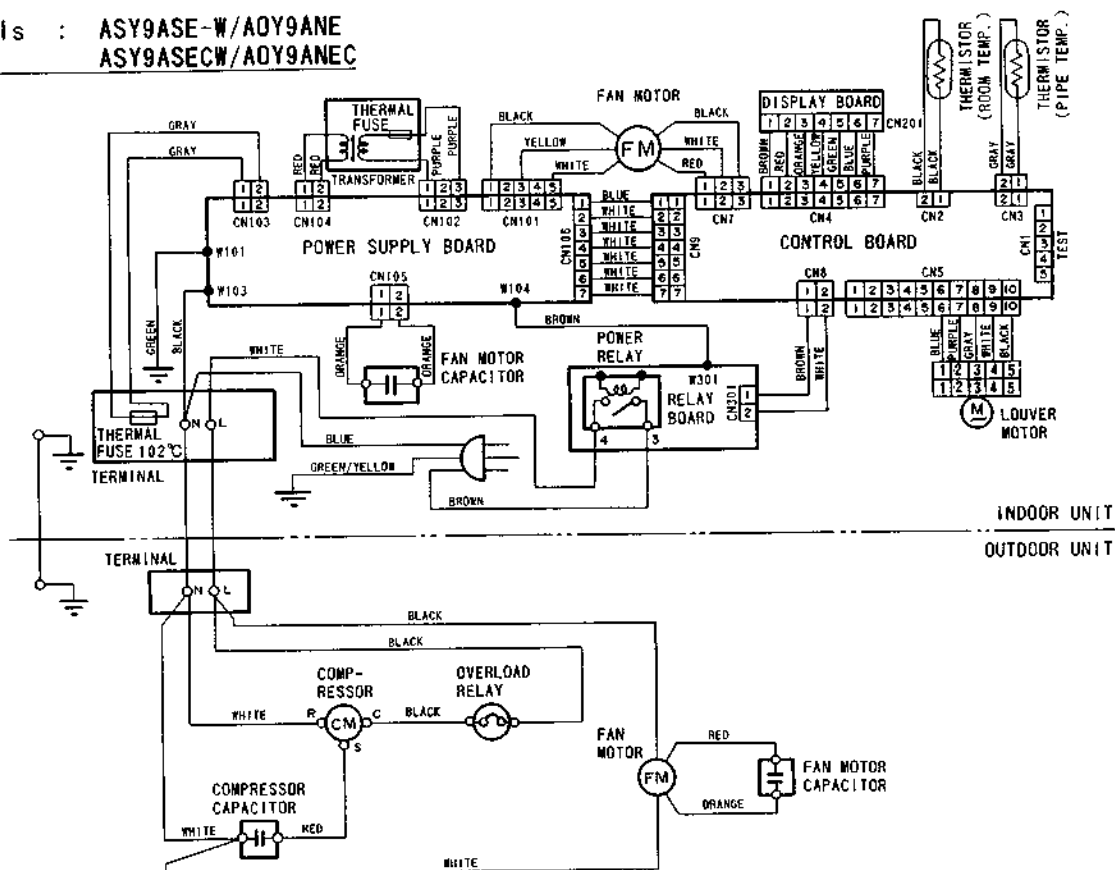


Models : ASY12RSE-W/AOY12RSE
ASY12RSECW/AOY12RSEC

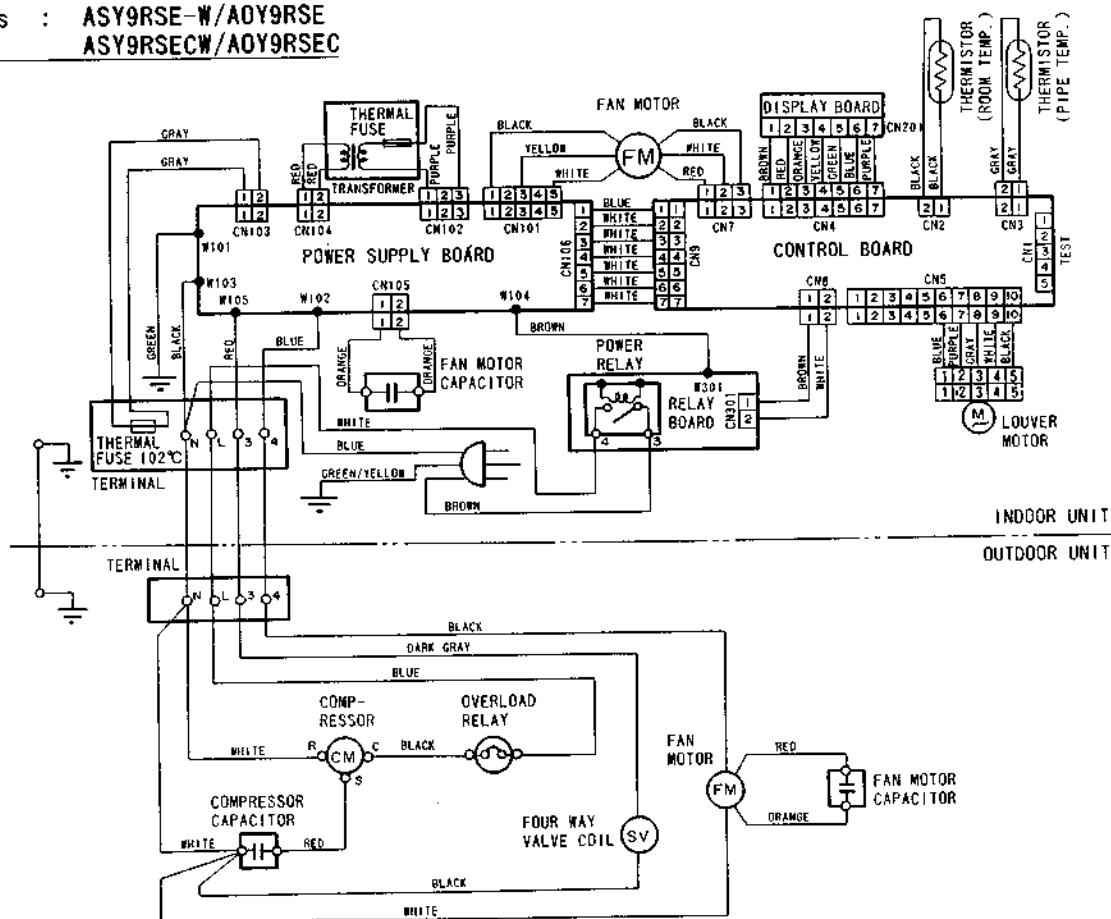


CIRCUIT DIAGRAM

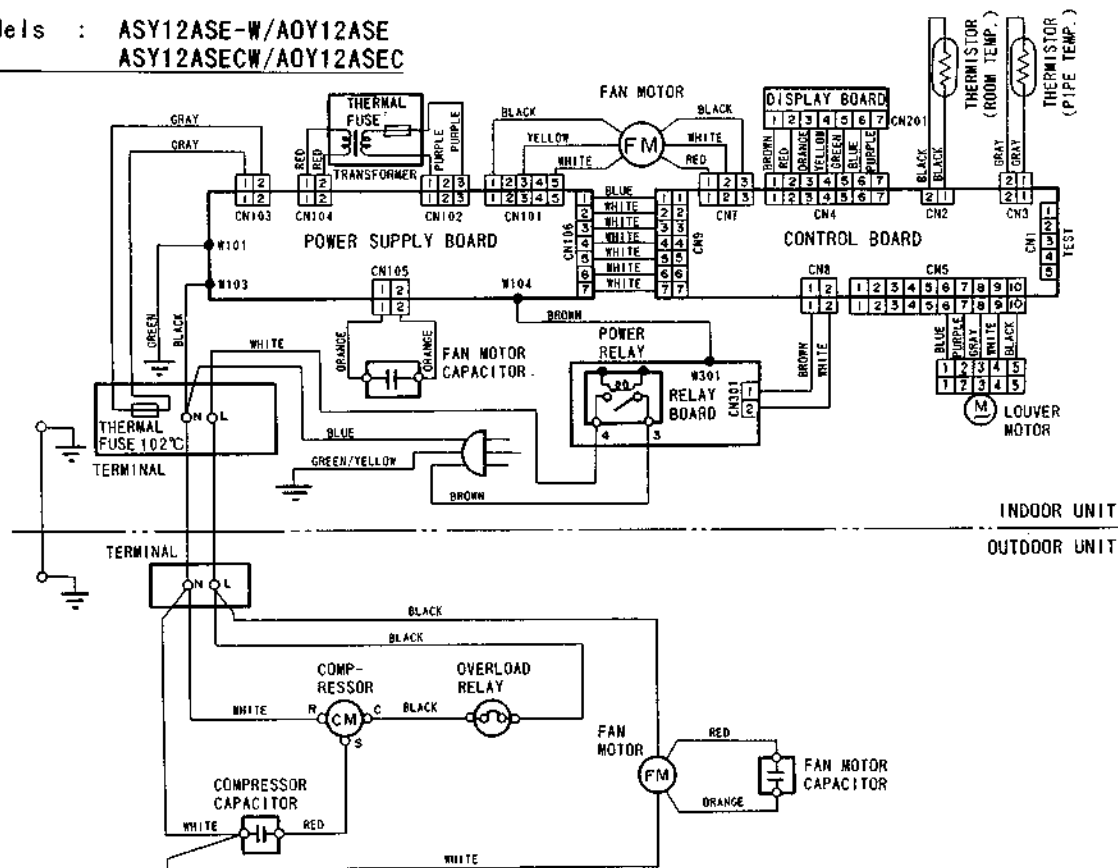
Models : ASY9ASE-W/AOY9ANE
ASY9ASECW/AOY9ANEC



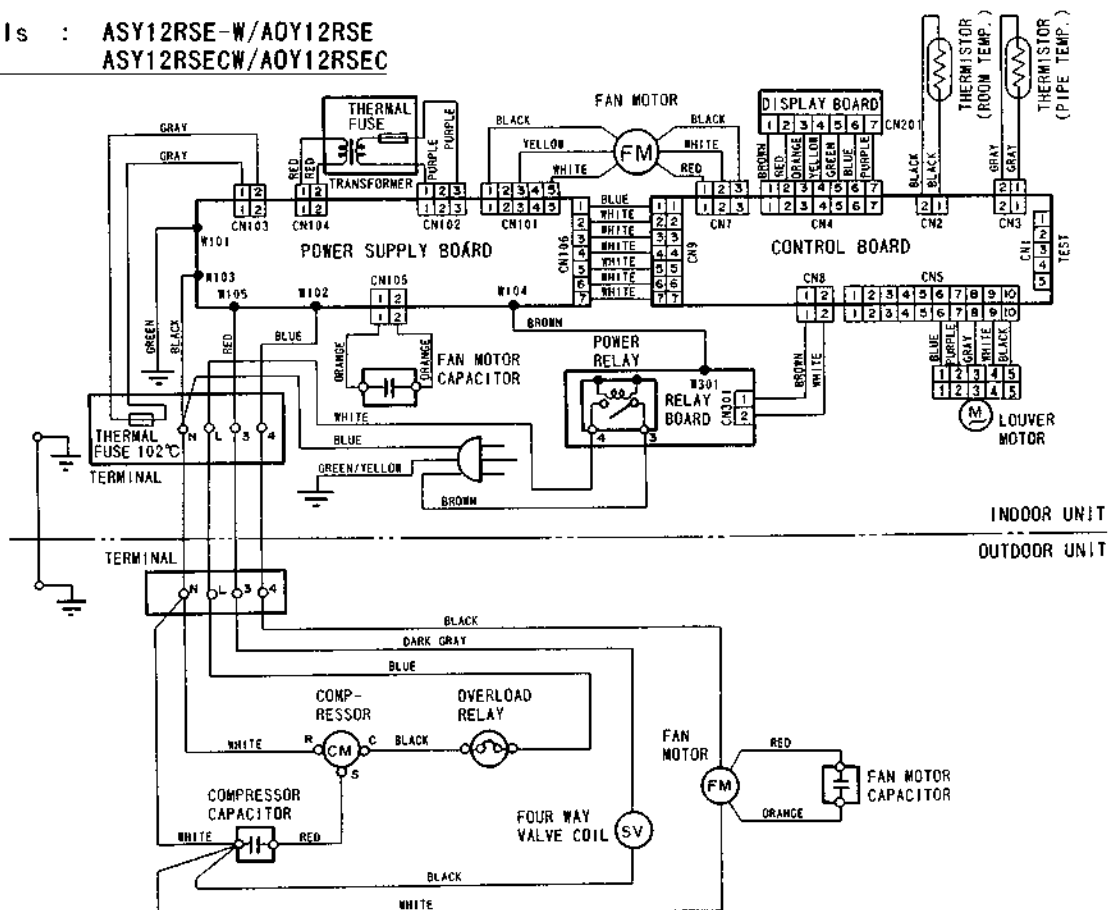
Models : ASY9RSE-W/AOY9RSE
ASY9RSECW/AOY9RSEC



Models : ASY12ASE-W/AOY12ASE
ASY12ASECW/AOY12ASEC



Models : ASY12RSE-W/AOY12RSE
ASY12RSECW/AOY12RSEC

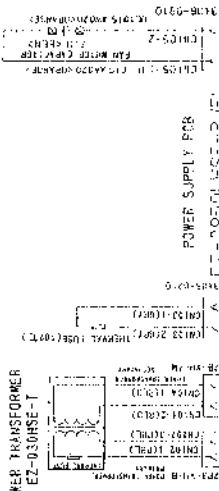


AS12ASEC 4
ASYBASEC 4
ASYBASEC 4
ASYBASEC 4

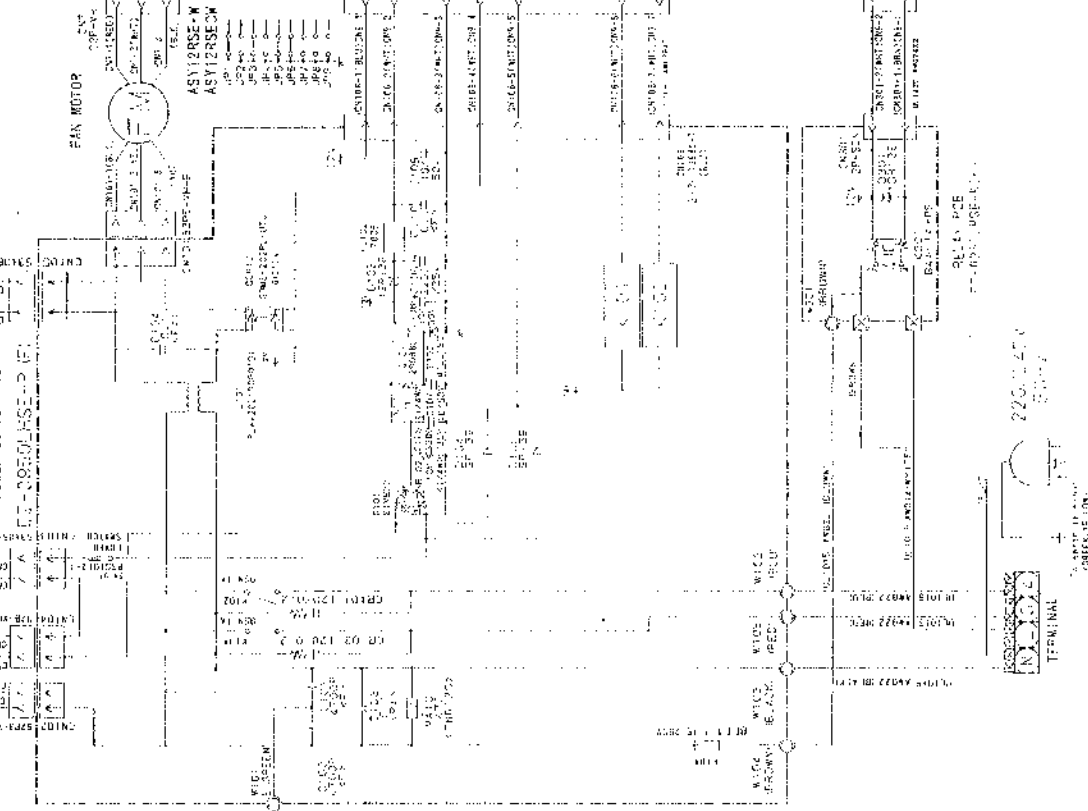


Models : ASY9RSE-W, ASY12RSE-W
ASY9RSECW, ASY12RSECW

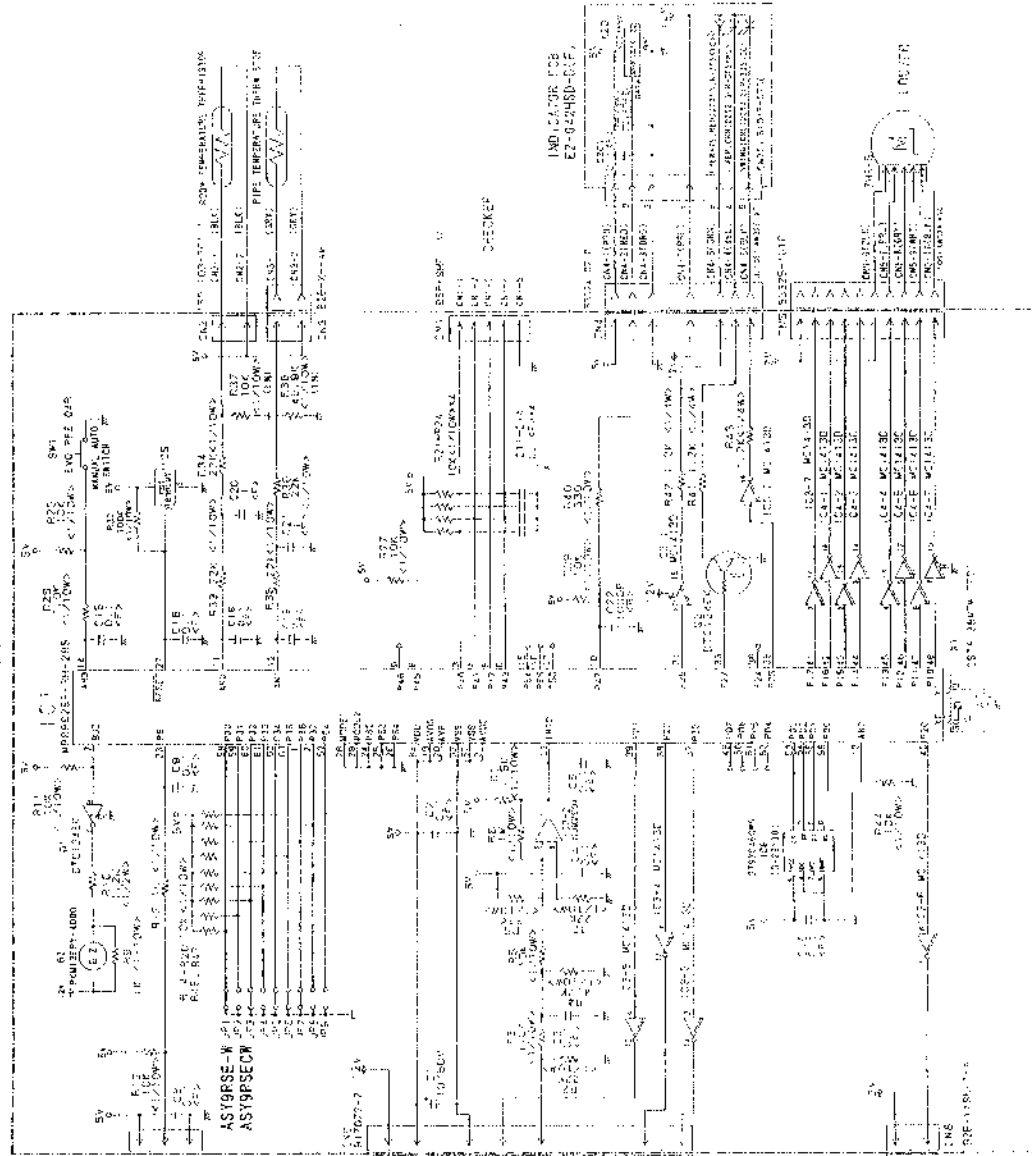
POWER TRANSFORMER
EZ-030HSE-1



POWER SUPPLY PCB

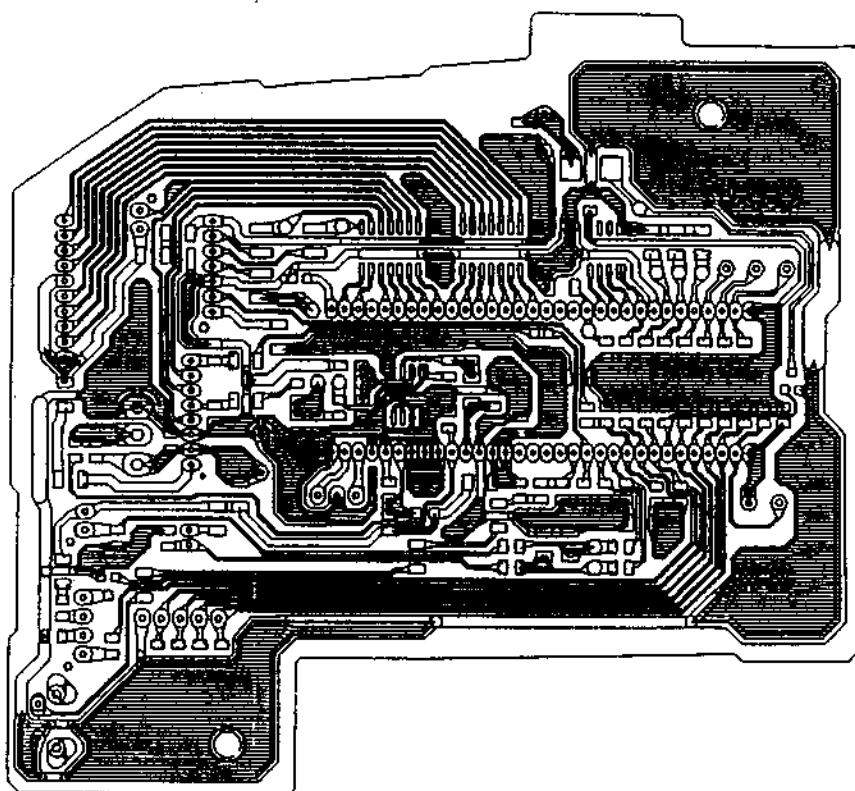
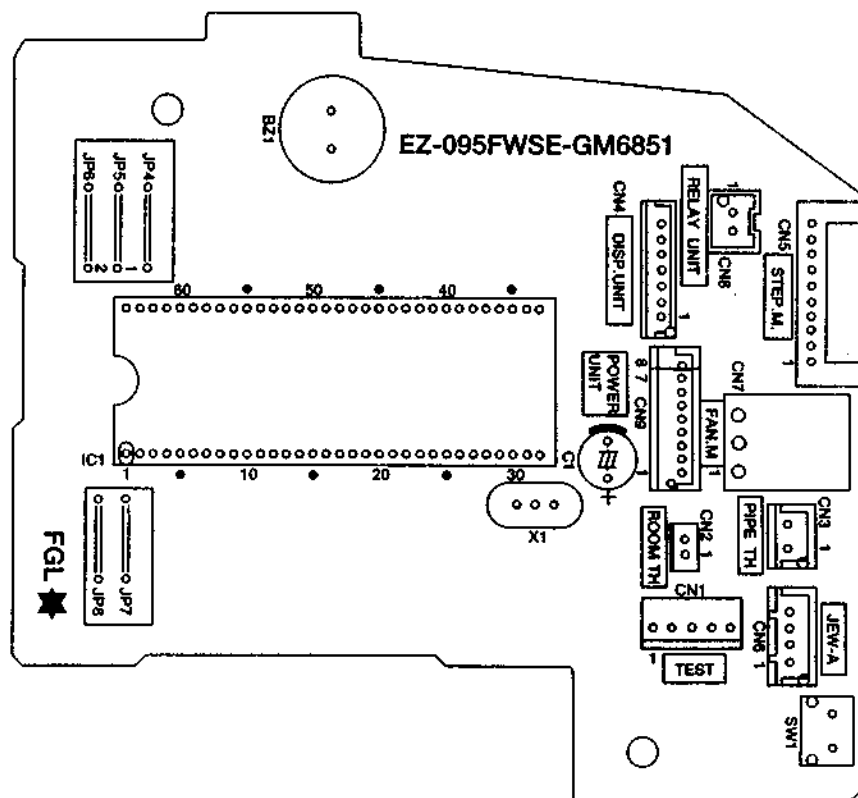


MAIN PCB
EZ 0950RSE-C(F)



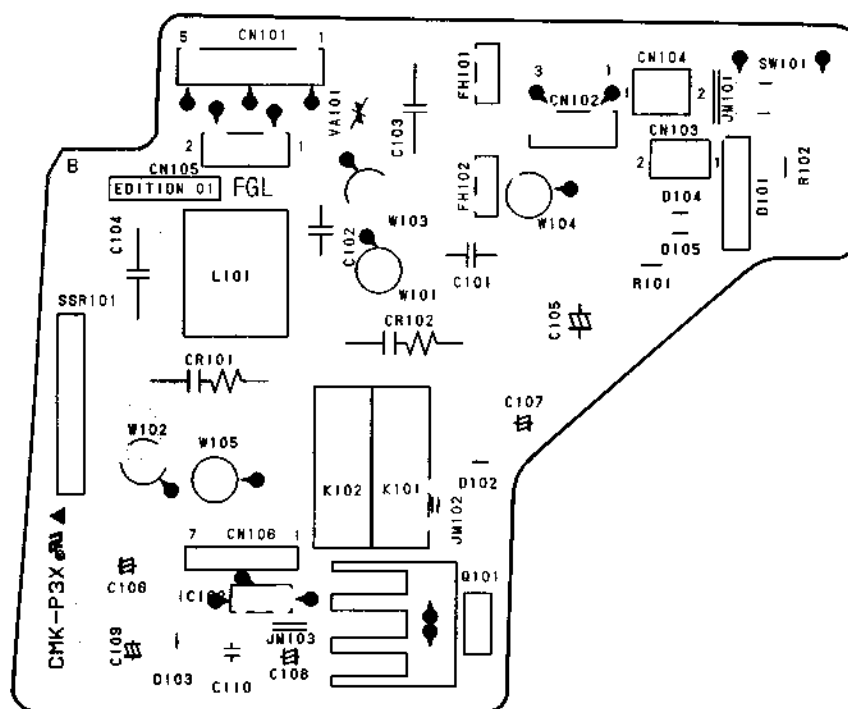
CONTROLLER P. C. BOARD OVERLAY

(VIEWED FROM THE SOLDER SIDE)



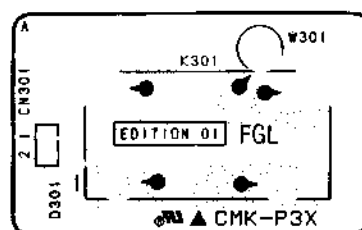
POWER SUPPLY P. C. BOARD OVERLAY

(VIEWED FROM THE SOLDER SIDE)



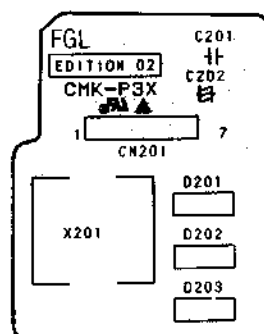
RELAY P. C. BOARD OVERLAY

(VIEWED FROM THE SOLDER SIDE)

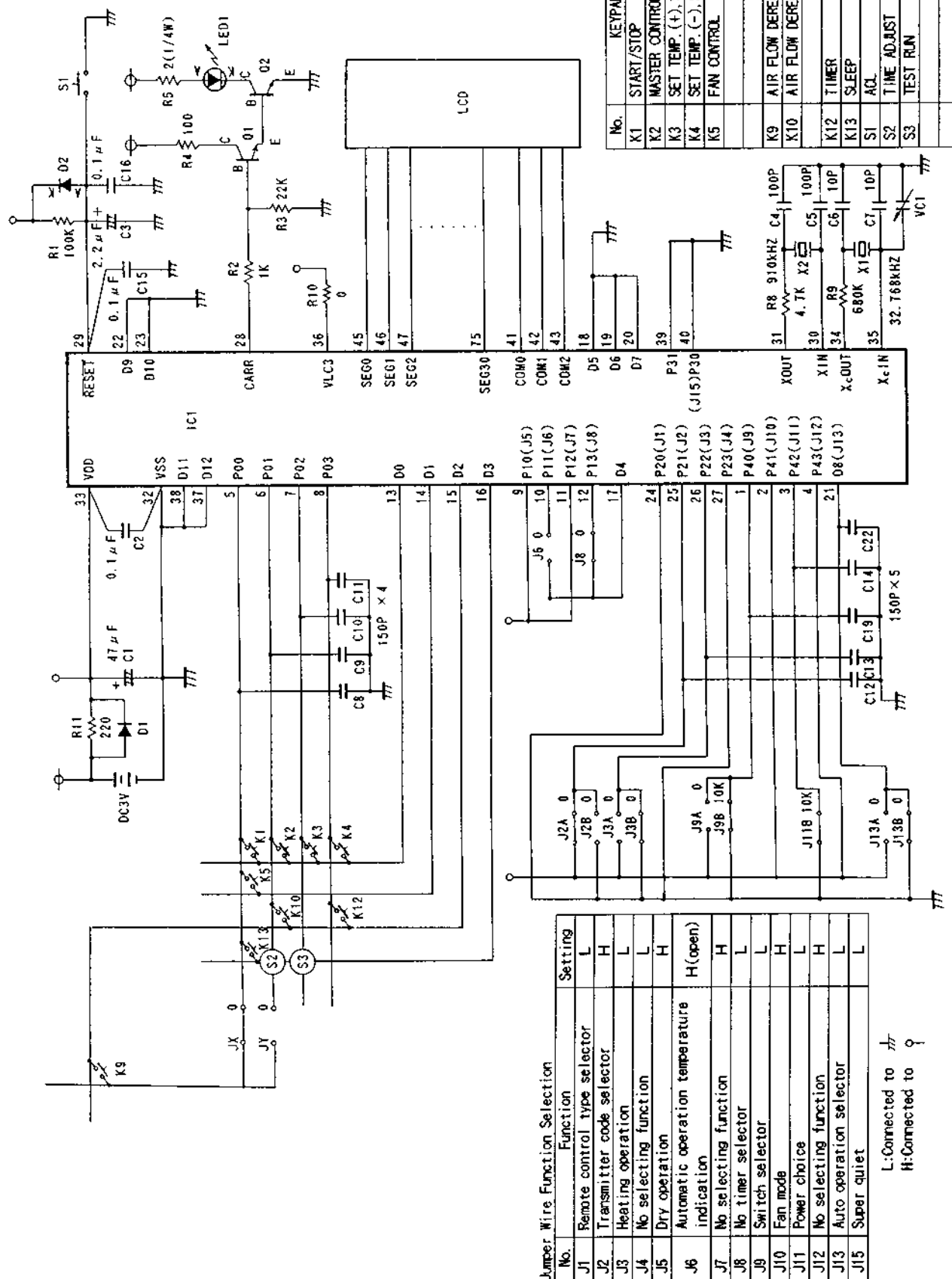


INDICATOR P. C. BOARD OVERLAY

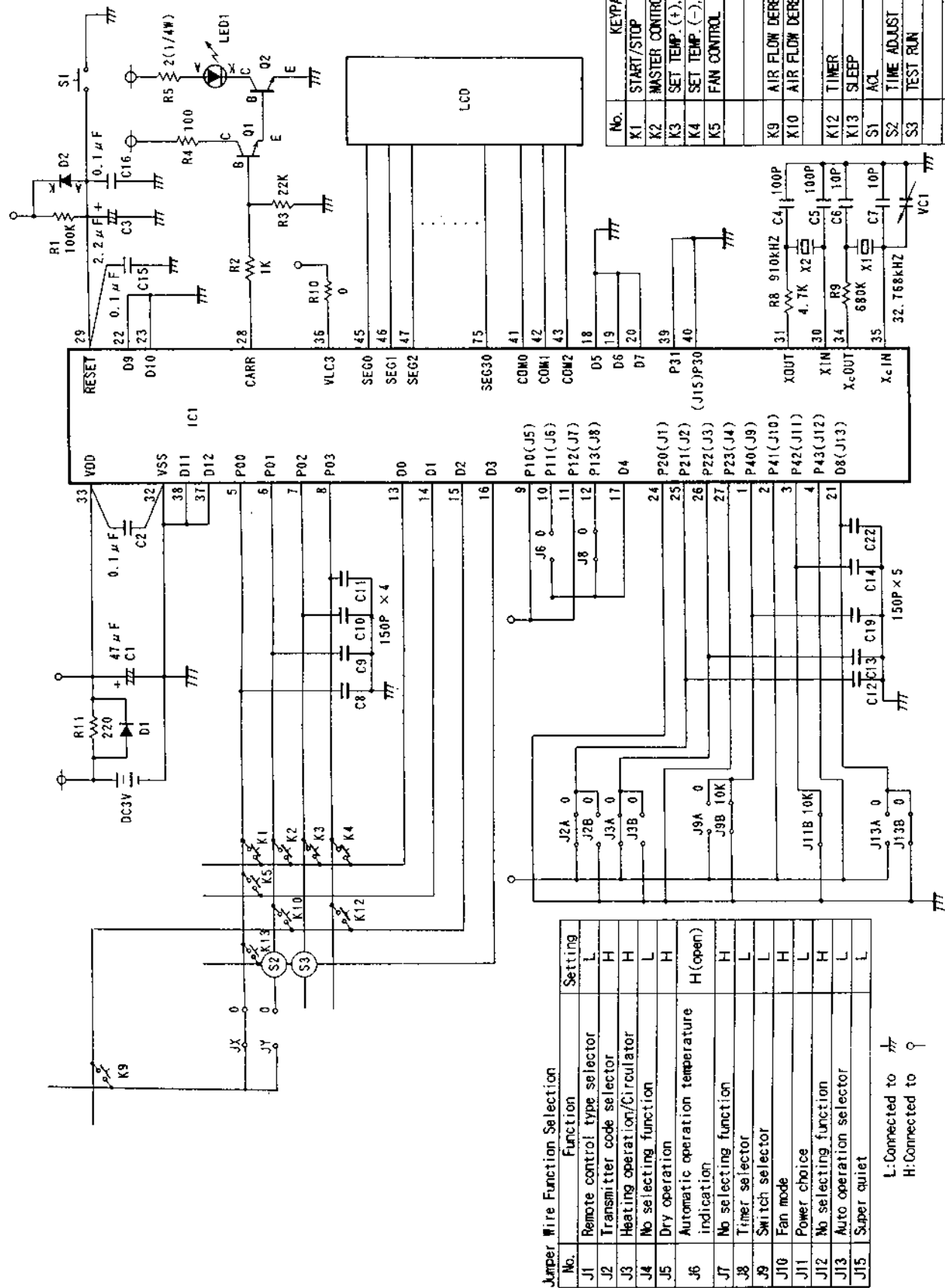
(VIEWED FROM THE SOLDER SIDE)



Models : ASY9ASE-W, ASY12ASE-W
ASY9ASECW, ASY12ASECW

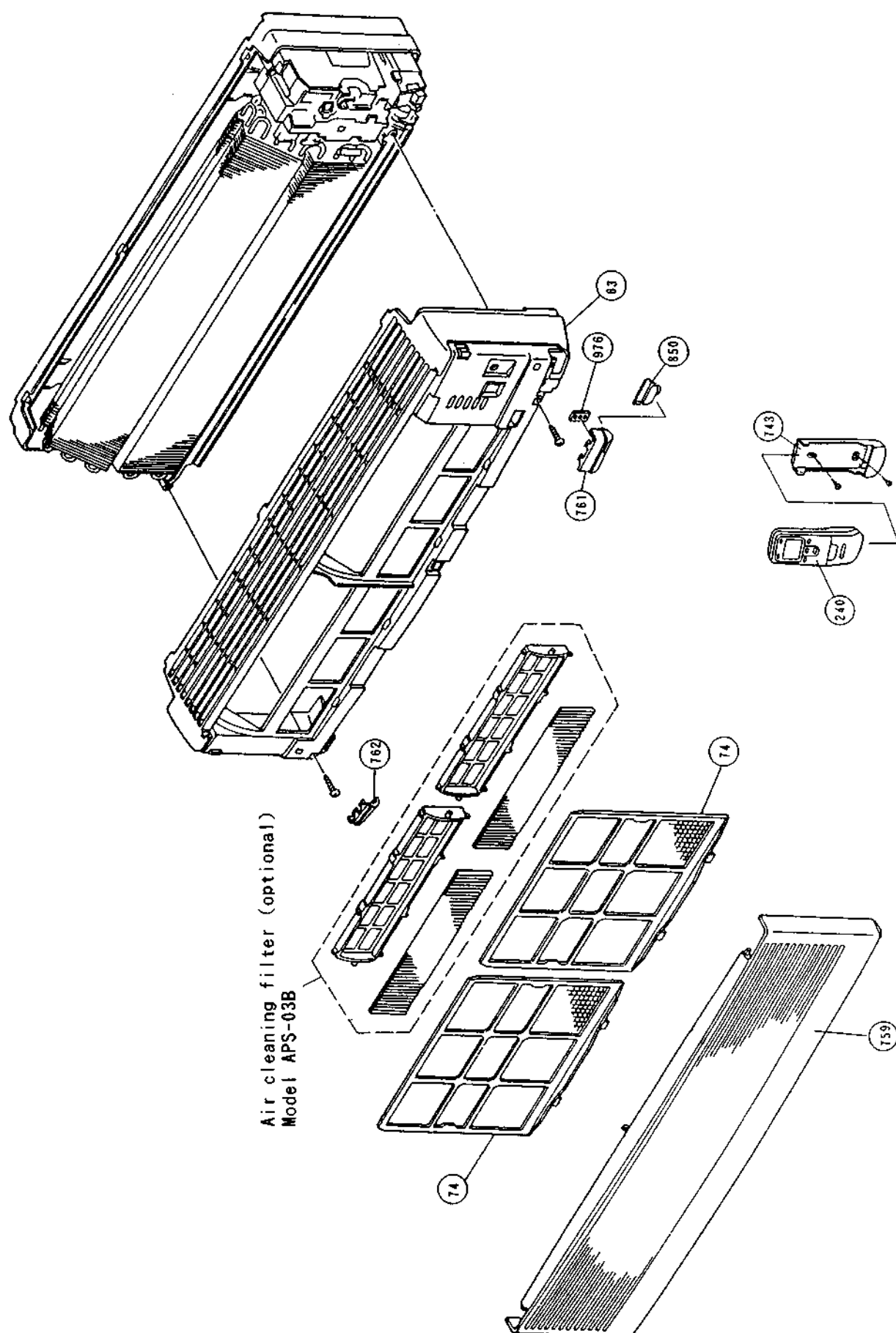


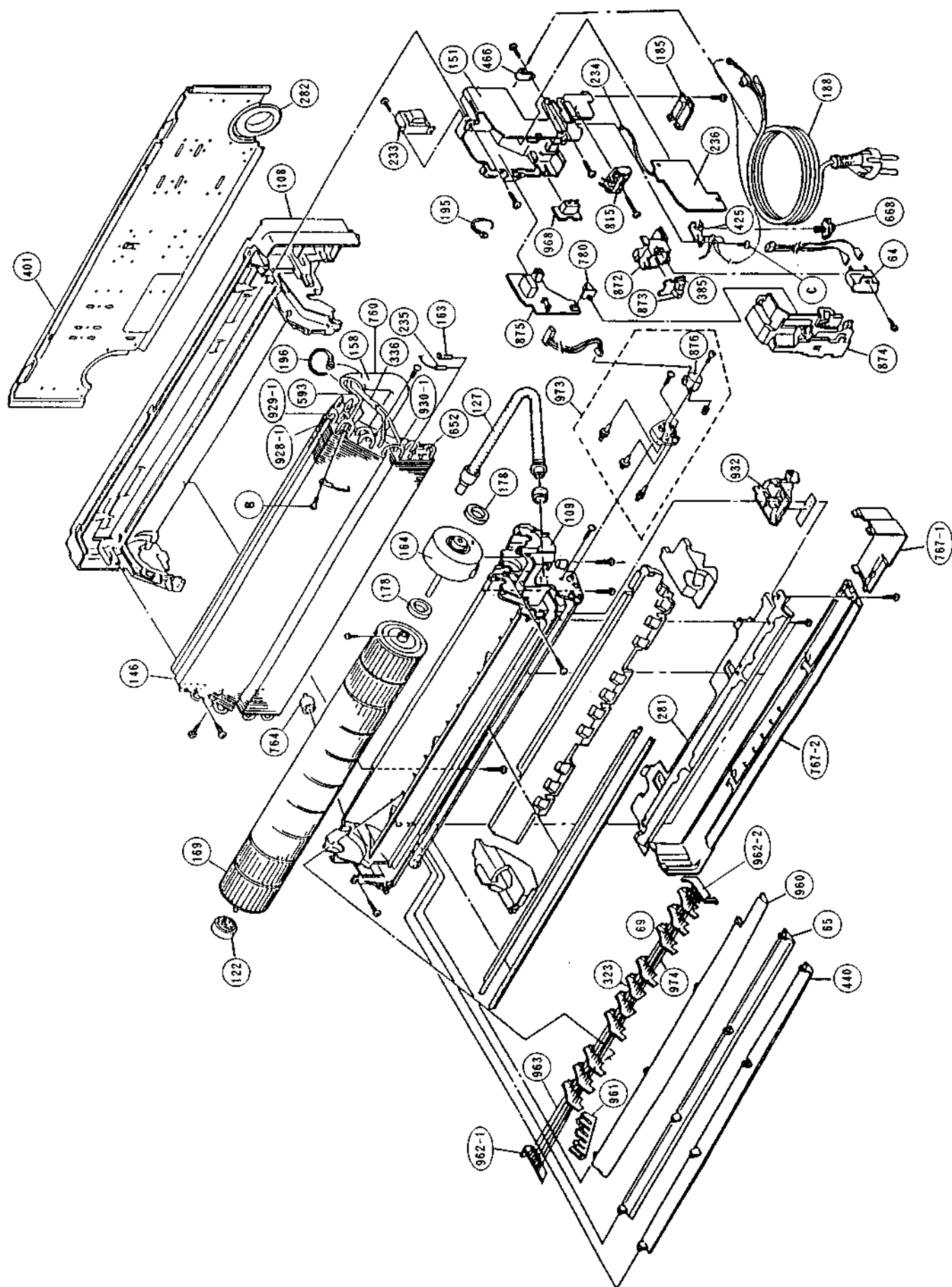
Models : ASY9RSE-W, ASY12RSE-W
ASY9RSECW, ASY12RSECW



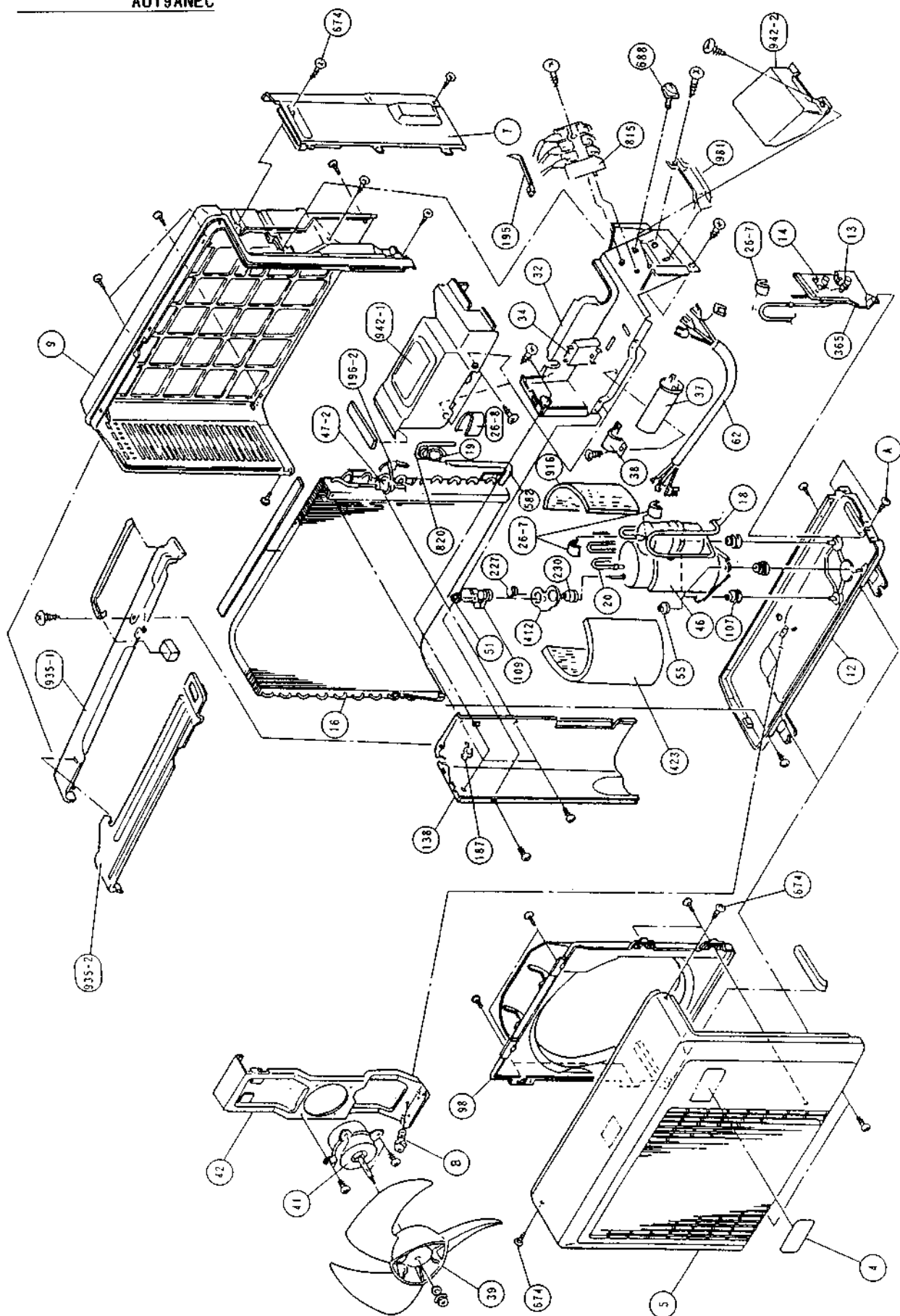
No.	KEYPADS
K1	START/STOP
K2	MASTER CONTROL
K3	SET TEMP. (+), SET TIME(+)
K4	SET TEMP. (-), SET TIME(-)
K5	FAN CONTROL
K9	AIR FLOW DERECTION
K10	AIR FLOW DERECTION
K12	TIMER
K13	SLEEP
S1	AOL
S2	TIME ADJUST
S3	TEST RUN

DISASSEMBLY ILLUSTRATION

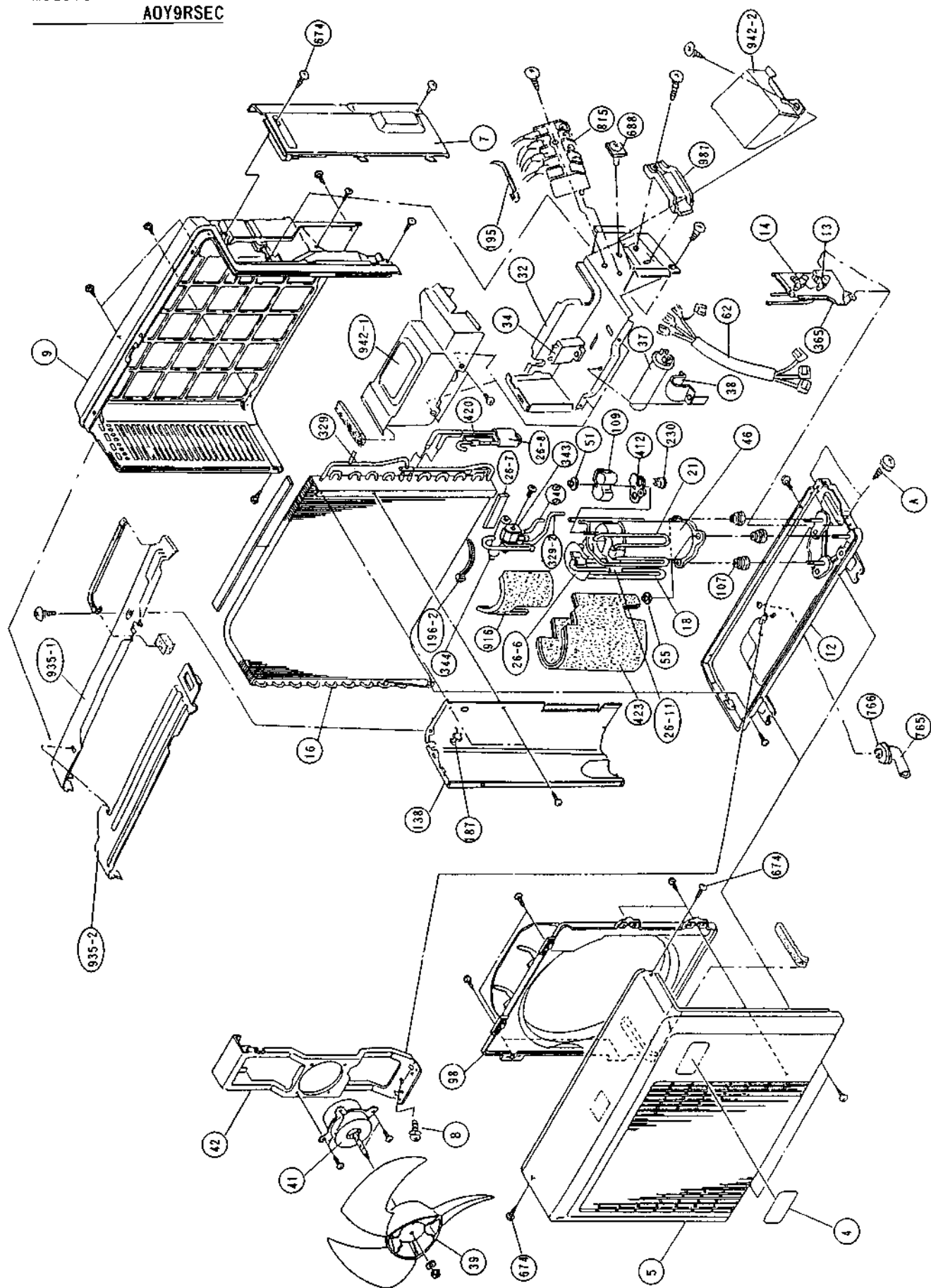




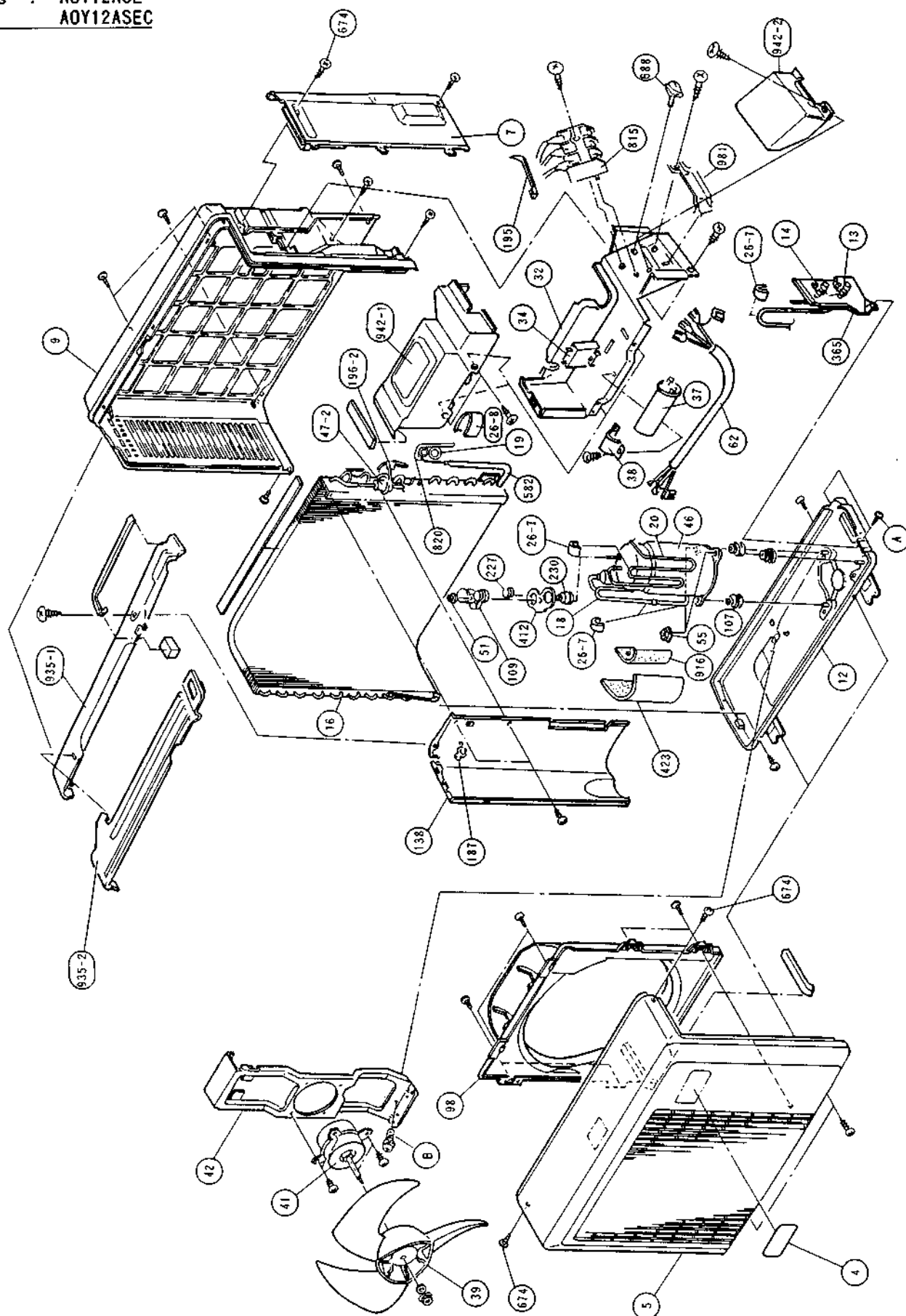
Models : AOY9ANE
AOY9ANEC



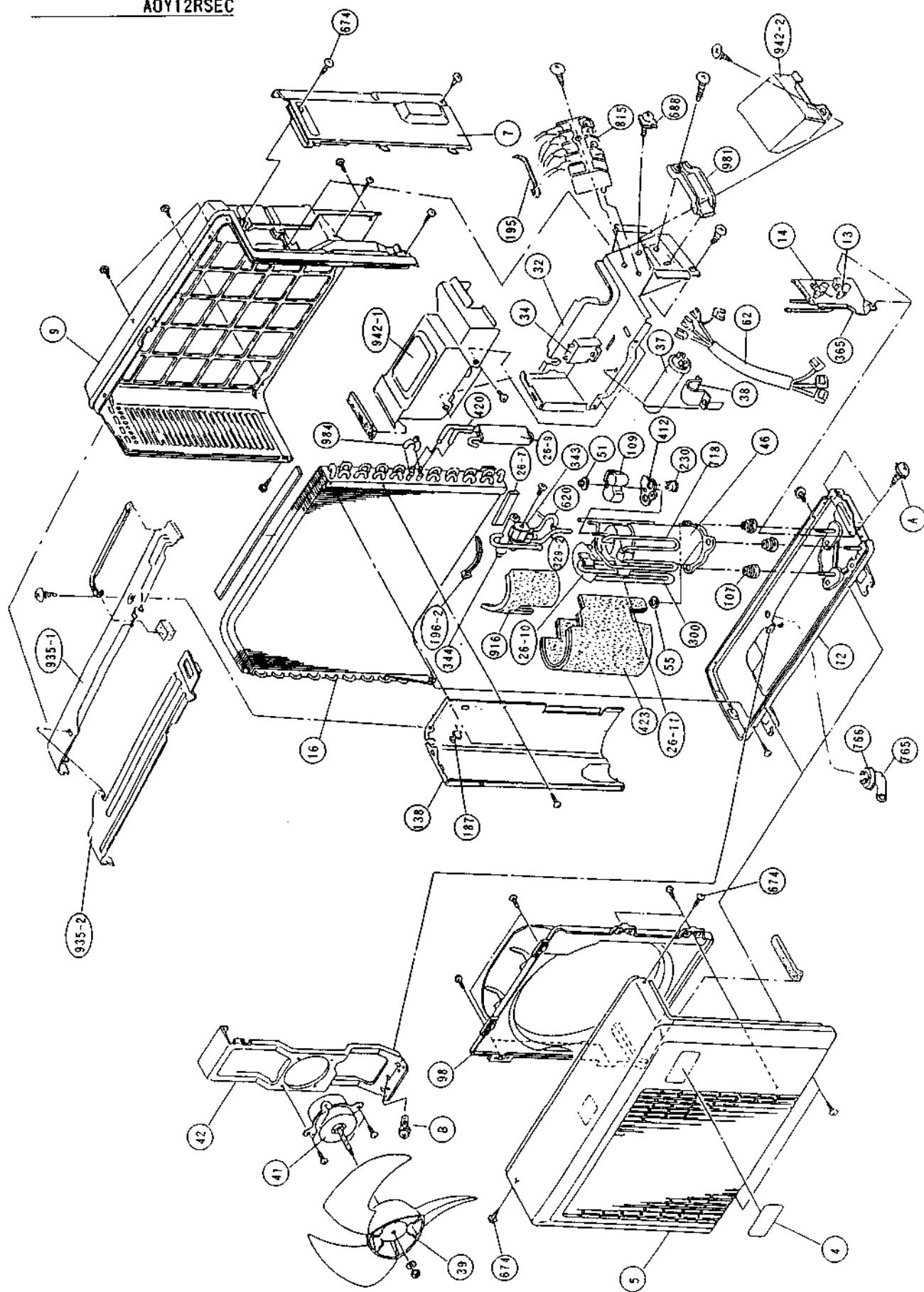
Models : AOY9RSE
AOY9RSEC



Models : AOY12ASE
AOY12ASEC



Models : AOY12RSE
AOY12RSEC



ASY9ASE-W
ASY9RSE-W
ASY12ASE-W
ASY12RSE-W

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.				Order Qty
		ASY9ASE-W	ASY9RSE-W	ASY12ASE-W	ASY12RSE-W	
63	Front Panel Assy	9305656097	9305656097	9305656097	9305656097	
64	Capacitor (Fan Motor)	9700467168	9700467168	9700467168	9700467168	
65	Flow Control Panel-Z	9305443017	9305443017	9305443017	9305443017	
69	Louver-A	9305415014	9305415014	9305415014	9305415014	
74	Filter	9305444014	9305444014	9305444014	9305444014	
108	Base	9305427017	9305427017	9305427017	9305427017	
109	Casing	9305411016	9305411016	9305411016	9305411016	
122	Shaft Holder-B	9303066010	9303066010	9303066010	9303066010	
127	Drain Hose Assy	9305550029	9305550029	9305550029	9305550029	
146	Evaporator Assy	9305988013	9305738014	9305738014	9305738014	
151	Control Box	9305448029	9305448029	9305448029	9305448029	
158	Connecting Pipe Assy	9305739011	9305739011	9306174002	9306174002	
163	Thermistor Spring	313104262701	313104262701	313104262701	313104262701	
164	Fan Motor Assy-IN	9304631118	9304631118	9304631118	9304631118	
169	Cross-Flow Fan Assy	9305435012	9305435012	9305435012	9305435012	
178	Motor Cushion-A	9303528006	9303528006	9303528006	9303528006	
185	Wire Clamp	9305940004	9305940004	9305940004	9305940004	
188	Power Cord Assy	9701758012	9701758012	9701758012	9701758012	
195	Clamp SKB-100	313361275805	313361275805	313361275805	313361275805	
196	Clamp SKB-150	313035356905	313035356905	313035356905	313035356905	
233	Power Transformer	9701803026	9701803026	9701803026	9701803026	
234	Thermistor Assy-(Room)	9700801061	9700801061	9700801061	9700801061	
235	Thermistor Assy-(Pipe)	9701102013	9701102013	9701102013	9701102013	
236	Controller PCB Assy	9701659012	9701798018	9701772018	9701795017	
240	Remote Control Unit	9306049010	9306049027	9306049010	9306049027	
281	Clamp Metal (Pipe)	9306192006	9306192006	9306192006	9306192006	
282	Wall Cap-B (Accessory)	313714296205	313714296205	313714296205	313714296205	
323	Louver-B	9305597017	9305597017	9305597017	9305597017	
336	Suction Pipe-A Assy	9305741014	9305741014	9306175009	9306175009	
385	Indicator PCB Assy	9701364015	9701364015	9701364015	9701364015	
401	Wall Hook Bracket	9304358008	9304358008	9304358008	9304358008	
425	Earth Terminal	9305986002	9305986002	9305986002	9305986002	
440	Flow Control Panel-U	9306173036	9306173036	9306173036	9306173036	
466	Clamp NK-4N	313714328805	313714328805	313714328805	313714328805	
593	Discharge Pipe-A Assy	9305740017	9305740017	9305740017	9305740017	
652	Thermistor Holder Pipe	313714262805	313714262805	313714262805	313714262805	
688	Screw w/Washer	313681304205	313681304205	313681304205	313681304205	
743	Remote Control Holder	9305642014	9305642014	9305642014	9305642014	
759	Intake Grille-B	9305995028	9305995028	9305995028	9305995028	
760	Insulation(Pipe)-E	9304607007	9304607007	9304607007	9304607007	
761	Side Cover-R	9305996025	9305996025	9305996025	9305996025	
762	Side Cover-L	9305437054	9305437054	9305437054	9305437054	
764	Drain Cap Assy	9303544013	9303544013	9303544013	9303544013	
767-1	Bottom Cover-A	9305428014	9305428014	9305428014	9305428014	
767-2	Bottom Cover-B	9305429011	9305429011	9305429011	9305429011	
780	Key Top (Slide Switch)	9303526002	9303526002	9303526002	9303526002	
815	Terminal-2P	9701274024	9701274024	9701274024	9701274024	
815	Terminal-4P	9701178025	9701178025	9701178025	9701178025	
850	Window (Receiver)	9305439010	9305439010	9305439010	9305439010	
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	9701564019	9701797011	9701564019	9701797011	
876	Step Motor	9305780006	9305780006	9305780006	9305780006	
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	9305412013	9305412013	9305412013	9305412013	
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	9351062026	9351062026	9351062026	9351062026	
965	Flare Nut-B	9351062019	9351062019	9351062019	9351062019	
966	Bonnet-A	9304798019	9304798019	9304798019	9304798019	
967-1	Bonnet-B	9304799016	9304799016	9304799016	9304799016	
967-2	Bonnet-B	9301858006	9301858006	9301858006	9301858006	

INDOOR UNIT (Continued)

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
		ASY9ASE-W	ASY9RSE-W	ASY12ASE-W	ASY12RSE-W	
968	Relay PCB Assy	9701656011	9701656011	9701656011	9701656011	
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 (with Spring washer)	0700184024	0700184024	0700184024	0700184024	

OUTDOOR UNIT

Ref. No.	Description	Part No.				Order Q'ty
		AOY9ANE	AOY9RSE	AOY12ASE	AOY12RSE	
4	Emblem-Rear	9306337001	9306337001	9306337001	9306337001	
5	Cabinet Front Panel, Plastic	9305525010	9305525010	9305525010	9305525010	
7	Connector Cover (Cabinet)	9306119010	9306119010	9306119010	9306119010	
9	Cabinet Rear Panel, Plastic	9305526017	9305526017	9305526017	9305526017	
12	Base Assy, Painted	9306118044	9306118044	9306118020	9306118020	
13	3-Way Valve	9305549009	9305549009	9306364007	9306364007	
14	2-Way Valve	9304810001	9304810001	9304810001	9304810001	
16	Condenser Assy	9306108007	9306108007	9306363000	9306363000	
18	Suction Pipe	9306041007	9306396008	9306358006	9306358006	
19	Capillary Tube	9306043001	9306368005	9306368005	9306368005	
20	Discharge Pipe Assy	9306038007	9306365004	9306365004	9306365004	
21	Discharge Pipe-B Assy	9306399009	9306399009	9306399009	9306399009	
26-6	BR Sheet 100x120xT5	9305039036	9305039036	9305039036	9305039036	
26-7	BR Sheet 30x120xT7	9305490011	9305490011	9305490011	9305490011	
26-8	BR Sheet 65x170xT2	9305490011	9305490011	9305490011	9305490011	
26-9	BR Sheet 180x180xT2	9305490011	9305490011	9305490011	9305490011	
26-10	BR Sheet 100x160xT5	9305490011	9305490011	9305490011	9305490011	
26-11	BR Sheet 50x190xT3	9305490011	9305490011	9305490011	9305490011	
32	Control Box Metal	9305972005	9305972005	9305972005	9305972005	
34	Capacitor (Fan Motor)	9700467038	9700467045	9700467045	9700467045	
37	Capacitor (Running)	9354782013	9354782013	9354782013	9354782013	
38	Clamp Metal (Capacitor)	313468061808	313468061808	313468061808	313468061808	
39	Propeller Fan	9305538003	9305538003	9305538003	9305538003	
41	Fan Motor Assy-Out	9600164150	9600164150	9600164150	9600164150	
42	Bracket (Motor)	9305536016	9305536016	9305536016	9305536016	
46	Compressor Assy	9306095000	9306353001	9306351007	9306351007	
47-2	Discharge Pipe Rubber (Pipe Absorber)	313185159802	313185159802	313185159802	313185159802	
51	Special Nut M5	9300301015	313199233602	313199233602	313199233602	
55	Special Nut M8	313252257701	313252257701	313252257701	313252257701	
62	Wire Assy (Shield)-A	9395695027	9305971026	9395695027	9305971026	
98	Fan Ring	9305581016	9305581016	9305581016	9305581016	
107	Rubber Seat-A	9351049010	9351813017	9351813017	9351813017	
109	Terminal Cover (Comp.)	9351048013	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-3MC	9305335008	9305335008	9305335008	9305335008	
227	OCR Spring (Comp.)	9351050016	9306426002	9306466008	9306466008	
230	Overload Relay	9306096007	9306426002	9306466008	9306466008	
300	Suction Pipe-C Assy	9306391003	9306391003	9306391003	9306391003	
329	Coupling Pipe Assy	9306433000	9306433000	9306433000	9306433000	
329-2	Coupling Pipe-C	9306433000	9306433000	9306433000	9306433000	
343	Solenoid Coil	9305784011	9305784011	9305784011	9305784011	
344	4-Way Valve	313947302811	313947302811	313947302811	313947302811	

ASY9ASE-W/AOY9ANE
ASY9RSE-W/AOY9RSE
ASY12ASE-W/AOY12ASE
ASY12RSE-W/AOY12RSE

OUTDOOR UNIT (Continued)

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
		AOY9ANE	AOY9RSE	AOY12ASE	AOY12RSE	
365	Bracket (Valve)	9305535002	9305535002	9305535002	9305535002	
412	Terminal Gasket (Comp.)	9351051013	9351121006	9351121006	9351121006	
420	Capillary Assy (with Check Valve)	—	9306423001	—	9306437008	
423	Noise Insulation-F	9306097004	9306424008	9306424008	9306424008	
582	Discharge Pipe-SF	9306115005	—	9306115005	—	
620	Inlet Pipe Assy	—	—	—	9306394004	
674	Tapping Screw (Special)	9305848010	9305848010	9305848010	9305848010	
688	Screw (with Square Washer)	313681304205	313681304205	313681304205	313681304205	
718	Discharge Pipe-C Assy	—	—	—	9306393007	
765	Drain Pipe	—	9301102000	—	9301102000	
766	Drain Pipe Packing	—	9301143003	—	9301143003	
815	Terminal-3P	9305689033	—	9305689033	—	
815	Terminal-5P	—	9306015015	—	9306015015	
820	Capillary Joint-BC Assy	9306134006	—	9306134006	—	
916	Noise Insulation-G	9306098001	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	9305974009	9305974009	9305974009	9305974009	
942-2	Control Box Cover-B Metal	9305975006	9305975006	9305975006	9305975006	
946	Inlet Pipe	—	9306401009	—	—	
981	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)D9.53	—	—	—	9305523009	

Note : Always use specified screws, since Ref. No.688, 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 5 μ or more
A : Tapping screw (with inner clip washer) M4 x L10, plating thickness 5 μ or more
B : Machine screw (with spring washer) M4 x P0.7 x L10, plating thickness 5 μ or more
C : Machine screw (with spring washer) M4 x P0.7 x L8, plating thickness 5 μ or more

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INDOOR UNIT

Ref. No.	Description	Part No.				Order Qty
		ASY9ASECW	ASY9RSECW	ASY12ASECW	ASY12RSECW	
63	Front Panel Assy	9305656097	9305656097	9305656097	9305656097	
64	Capacitor (Fan Motor)	9700467168	9700467168	9700467168	9700467168	
65	Flow Control Panel-Z	9305443017	9305443017	9305443017	9305443017	
69	Louver-A	9305415014	9305415014	9305415014	9305415014	
74	Filter	9305444014	9305444014	9305444014	9305444014	
108	Base	9305427017	9305427017	9305427017	9305427017	
109	Casing	9305411016	9305411016	9305411016	9305411016	
122	Shaft Holder-B	9303066010	9303066010	9303066010	9303066010	
127	Drain Hose Assy	9305550029	9305550029	9305550029	9305550029	
146	Evaporator Assy	9305988013	9305738014	9305738014	9305738014	
151	Control Box	9305448029	9305448029	9305448029	9305448029	
158	Connecting Pipe Assy	9305739011	9305739011	9306174002	9306174002	
163	Thermistor Spring	313104262701	313104262701	313104262701	313104262701	
164	Fan Motor Assy-IN	9306451011	9306451011	9306451011	9306451011	
169	Cross-Flow Fan Assy	9305435012	9305435012	9305435012	9305435012	
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	Clamp SKB-150	313035356905	313035356905	313035356905	313035356905	
233	Power Transformer	9701803026	9701803026	9701803026	9701803026	
234	Thermistor Assy-(Room)	9700801061	9700801061	9700801061	9700801061	
235	Thermistor Assy-(Pipe)	9701102013	9701102013	9701102013	9701102013	
236	Controller PCB Assy	9701659012	9701798018	9701772018	9701795017	
240	Remote Control Unit	9306049010	9306049027	9306049010	9306049027	
281	Clamp Metal (Pipe)	9306192006	9306192006	9306192006	9306192006	
282	Wall Cap-B (Accessory)	313714296205	313714296205	313714296205	313714296205	
323	Louver-B	9305597017	9305597017	9305597017	9305597017	
336	Suction Pipe-A Assy	9305741014	9305741014	9306175009	9306175009	
385	Indicator PCB Assy	9701364015	9701364015	9701364015	9701364015	
401	Wall Hook Bracket	9304358008	9304358008	9304358008	9304358008	
425	Earth Terminal	9305986002	9305986002	9305986002	9305986002	
440	Flow Control Panel-U	9306173036	9306173036	9306173036	9306173036	
456	Clamp NK-4N	313714328805	313714328805	313714328805	313714328805	
593	Discharge Pipe-A Assy	9305740017	9305740017	9305740017	9305740017	
652	Thermistor Holder Pipe	313714262805	313714262805	313714262805	313714262805	
688	Screw w/Washer	313681304205	313681304205	313681304205	313681304205	
743	Remote Control Holder	9305642014	9305642014	9305642014	9305642014	
759	Intake Grille-B	9305995028	9305995028	9305995028	9305995028	
760	Insulation (Pipe)-E	9304607007	9304607007	9304607007	9304607007	
761	Side Cover-R	9305996025	9305996025	9305996025	9305996025	
762	Side Cover-L	9305437054	9305437054	9305437054	9305437054	
764	Drain Cap Assy	9303544013	9303544013	9303544013	9303544013	
767-1	Bottom Cover-A	9305428014	9305428014	9305428014	9305428014	
767-2	Bottom Cover-B	9305429011	9305429011	9305429011	9305429011	
780	Key Top (Slide Switch)	9303526002	9303526002	9303526002	9303526002	
815	Terminal-2P	9701274024	9701274024	9701274024	9701274024	
815	Terminal-4P	---	9701178025	---	9701178025	
850	Window (Receiver)	9305439010	9305439010	9305439010	9305439010	
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	9701564019	9701797011	9701564019	9701797011	
876	Step Motor	9305780006	9305780006	9305780006	9305780006	
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	9305412013	9305412013	9305412013	9305412013	
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	9351062026	9351062026	9351062026	9351062026	
965	Flare Nut-B	9351062019	9351062019	9351062019	9351062019	
966	Bonnet-A	9304799016	9304799016	---	---	
967-1	Bonnet-B	9304799016	9304799016	9304799016	9304799016	
967-2	Bonnet-B	---	---	9301858006	9301858006	

ASY9ASECW/AOY9ANEC
ASY9RSECW/AOY9RSEC
ASY12ASECW/AOY12ASEC
ASY12RSECW/AOY12RSEC

INDOOR UNIT (Continued)

When you order parts, please make a photocopy of this page
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Ref. No.	Description	Part No.				Order Q'ty
		ASY9ASECW	ASY9RSECW	ASY12ASECW	ASY12RSECW	
968	Relay PCB Assy	9701656011	9701656011	9701656011	9701656011	
973	Gear Assy	9305452002	9305452002	9305452002	9305452002	
974	Joint (Louver)	9305416011	9305416011	9305416011	9305416011	
976	Window (Indicator)	9305440016	9305440016	9305440016	9305440016	
8	Machine Screw (with Spring Washer)	0700179013	0700179013	0700179013	0700179013	
C	Machine Screw (with Spring Washer)	0700184024	0700184024	0700184024	0700184024	

OUTDOOR UNIT

Ref. No.	Description	Part No.				Order Q'ty
		AOY9ANEC	AOY9RSEC	AOY12ASEC	AOY12RSEC	
4	Emblem-Rear	9306337001	9306337001	9306337001	9306337001	
5	Cabinet Front Panel, Plastic	9305525010	9305525010	9305525010	9305525010	
7	Connector Cover (Cabinet)	9306119010	9306119010	9306119010	9306119010	
9	Cabinet Rear Panel, Plastic	9305526017	9305526017	9305526017	9305526017	
12	Base Assy, Painted	9306118044	9306118020	9306118020	9306118020	
13	3-Way Valve	9305549009	9305549009	9306364007	9306364007	
14	2-Way Valve	9304810001	9304810001	9304810001	9304810001	
16	Condenser Assy	9306108007	9308581003	9306363000	9305888009	
18	Suction Pipe	9306041007	9306396008	9306358006	—	
19	Capillary Tube	9306043001	—	9306368005	—	
20	Discharge Pipe Assy	9306038007	—	9306365004	—	
21	Discharge Pipe-B Assy	—	9306399009	—	—	
26-6	BR Sheet 100x120xT5	—	9305039029	—	—	
26-7	BR Sheet 30x120xT7	9305039036	9305039036	9305039036	9305039036	
26-8	BR Sheet 65x170xT2	9305490011	9305490011	9305490011	—	
26-9	BR Sheet 180x180xT2	—	—	—	9305039067	
26-10	BR Sheet 100x160xT5	—	—	—	9305039074	
26-11	BR Sheet 50x190xT3	—	9300389068	—	9300389068	
32	Control Box Metal	9305972005	9305972005	9305972005	9305972005	
34	Capacitor (Fan Motor)	9700467038	9700467045	9700467045	9700467045	
37	Capacitor (Running)	9354782013	9354782013	9354782013	9354782013	
38	Clamp Metal (Capacitor)	313468061808	313468061808	313468061808	313468061808	
39	Propeller Fan	9305538003	9305538003	9305538003	9305538003	
41	Fan Motor Assy-Out	9306402013	9306402013	9306402013	9306402013	
42	Bracket (Motor)	9305536016	9305536016	9305536016	9305536023	
46	Compressor Assy	9306095000	9306497002	9306496005	9306496005	
47-2	Discharge Pipe Rubber (Pipe Absorber)	313185159802	—	313185159802	—	
51	Special Nut M5	9300301015	313199233602	313199233602	313199233602	
55	Special Nut M8	313252257701	313252257701	313252257701	313252257701	
62	Wire Assy(Shield)-A	9395695027	9305971026	9395695027	9305971026	
98	Fan Ring	9305581016	9305581016	9305581016	9305581016	
107	Rubber Seat-A	9351049010	9351813017	9351813017	9351813017	
109	Terminal Cover (Comp.)	9351048013	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-3MC	9305335008	9305335008	9305335008	9305335008	
227	OCR Spring (Comp.)	9351050016	—	—	—	
230	Overload Relay	9306096007	9306426002	9306466008	9306466008	
300	Suction Pipe-C Assy	—	—	—	9306391003	
329	Coupling Pipe Assy	—	9306400002	—	—	
329-2	Coupling Pipe-C	—	9306433000	—	9306442002	
343	Solenoid Coil	—	9305784011	—	9305784011	
344	4-Way Valve	—	313947302811	—	313943302804	

OUTDOOR UNIT (Continued)

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 Qty
		AOY9ANEC	AOY9RSEC	AOY12ASEC	AOY12RSEC	
365	Bracket (Valve)	9305535002	9305535002	9305535002	9305535002	
412	Terminal Gasket (Comp.)	9351051013	9351121006	9351121006	9351121006	
420	Capillary Assy (with Check Valve)	—	9306423001	—	9306437008	
423	Noise Insulation-F	9306097004	9306424008	9306424008	9306424008	
582	Discharge Pipe-SF	9306115005	—	9306115005	—	
620	Inlet Pipe Assy	—	—	—	9306394004	
674	Tapping Screw (Special)	9305848010	9305848010	9305848010	9305848010	
688	Screw (with Square Washer)	313681304205	313681304205	313681304205	313681304205	
718	Discharge Pipe-C Assy	—	—	—	9306393007	
765	Drain Pipe	—	9301102000	—	9301102000	
766	Drain Pipe Packing	—	9301143003	—	9301143003	
815	Terminal-3P	9305689033	—	9305689033	—	
815	Terminal-5P	—	9306015015	—	9306015015	
820	Capillary Joint-BC Assy	9306134006	—	9306134006	—	
916	Noise Insulation-G	9306098001	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	9305974009	9305974009	9305974009	9305974009	
942-2	Control Box Cover-B Metal	9305975006	9305975006	9305975006	9305975006	
946	Inlet Pipe	—	9306401009	—	—	
981	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)D9.53	—	—	—	9305523009	

Note : Always use specified screws, since Ref. No.688, 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

CONTROLLER PCB ASSEMBLY (Ref. No. 236)

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

Ref. No.	Description	Part No.	Ord. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
IC1	IC MB89625R-SH-295	1300516024		JC1~4, 6~9, 11~17	Res. 0Ω	0200230016	
IC2	IC NJM2904M	0100534054		C1	Cap. Elec. 50V 10μF	0300003145	
IC3, 4	IC MC14130	0101736013		C2~5, 8~16, 18, 19	Cap. Ceramic 0.1μF	1902783046	
IC5	IC PST600CMT	0101461120		C20, 21	Cap. Ceramic 1μF	1800119015	
IC6	IC S29130ADFJ-TB	0101919218		C22	Cap. Ceramic 1000pF	1902829072	
Q1, 2	Xstr DTC124EK	0000517034		X1	Ceramic Resonator CST8.38MTW-TF01	1300116019	
R1	Res. 1.5kΩ±5%	0200212784		BZ1	Buzzer PKM13EPY-4000-TF01	9701298013	
R2, 7, 33~36	Res. 22kΩ±5%	0200213095		SW1	Key Switch EVQ-PFE	1902829072	
R3, 9, 13, 26	Res. 1kΩ±5%	0200212746		CN1	Plug. PCB 85P-SHF-1AA	0500006069	
R4	Res. 4.7kΩ±5%	0200212906		CN2	Thermistor 150-103-86111	9700801061	
R5, 11, 12, 14~25, 27, 39, 44, 46, 47	Res. 10kΩ±5%	0200213019		CN3	Plug. PCB B2B-XH-AM	0500005321	
R6	Res. 33kΩ±5%	0200213132		CN4	Plug. PCB 53324-0710	0501052065	
R8	Res. 1MΩ±5%	0200213491		CN5	Plug. PCB 53325-1010	0501052591	
R10	Res. 1.2kΩ±5%	0201001769		CN7	Plug. PCB S3P-VH	0500011308	
R32	Res. 100kΩ±5%	0200213255		CN8	Plug. PCB B2B-XASK-1-A	0501045012	
R37	Res. 10kΩ±0.5%	0201027257		CN9	Plug. PCB 917072-7	0501065010	
R38	Res. 49.9kΩ±0.5%	0201027554					
R40	Res. 330Ω±5%	0200212623					
R41~43	Res. 1.2kΩ±5%	0200691534					

POWER SUPPLY PCB ASSEMBLY (Ref. No. 875)

Ref. No.	Description	Part No.	Ord. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
IC102	IC NJM7805FA	0100462081		SSR101	Relay G3MB-202PL-UTU	9701375011	
Q101	Xstr 2SD880	0000001014		HT101	Heat Sink B. PLE-16	9701376018	
D101	Diode S1VB20	0000292054		FH101, 102	Fuse Holder PFC5000-0502	0500158072	
D102	Diode MTZJ15C	0000852203		K101, 102	Relay G5N-1A	9701586013	
D103~105	Diode 1SR139-200	0000353113		CN101	Plug. PCB B3P5-VH-B	0500011735	
C101, 102	Cap. Ceramic 4700pF	0300727546		CN102	Plug. PCB B2P3-VH-B	0500011728	
C103, 104	Cap. Plastic 250V 0.1μF	0300894835		CN103	Plug. PCB 53405-0210	0500940011	
C105	Cap. Elec. 35V 3300μF	0301129073		CN104	Plug. PCB B2B-XH-AM	0500005321	
C106	Cap. Elec. 25V 2200μF	0300213285		CN105	Plug. PCB 53406-9910	0500951048	
C107~109	Cap. Elec. 50V 10μF	0301192541		CN106	Wire w/Connector L=100	9701424016	
C110	Cap. Ceramic 0.1μF	0300988251		W101	Wire w/Terminal L=210	9701660018	
SW101	Slide Switch 8SS1012-1	9701426010		W102	Wire w/Terminal L=240 BLU	9701802012	
VA101	Varistor TNR120471K	0000038010		W103	Wire w/Terminal L=225 BLK	9701657018	
F101	Fuse 3.15A - 250V	0600222512		W104	Wire w/Terminal L=150 BRN	9701658015	
L101	Line Filter PLAA2021R0R01B1	0400153092		W105	Wire w/Terminal L=240 RED	9701802029	
CR101, 102	Network RPEL-121204	9701125012		JM101	Wire 0.6 mm dia. L=10 mm	9700025016	
R101	Res. Carbon 1/4W 1kΩ±5%	0201038758		JM102	Wire Assembly IPS-1041-2	9700035015	
R102	Res. Carbon 1/4W 10kΩ±5%	0201005019		JM103	Wire 0.6 mm dia. L=7.5 mm	9701076017	

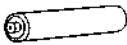
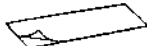
INDICATOR PCB ASSEMBLY (Ref. No. 385)

Ref. No.	Description	Part No.	Ord. Q'ty
D201	Diode SLR-305VC RED	0000813020	
D202	Diode SLR-305MC GRN	0000813037	
D203	Diode SLR-305DC DRG	0000813013	
C201	Cap. Ceramic 0.1μF	0300988251	
C202	Cap. Elec. 25V 10μF	0300504413	
X201	Remote Control Amplifier SBX1610-22	0100417050	
CN201	Wire w/Connector L=230	9701397013	
	Lamp Cover	9305451012	

RELAY PCB ASSEMBLY (Ref. No. 968)

Ref. No.	Description	Part No.	Ord. Q'ty
D301	Diode 1SR139-200	0000353113	
K301	Relay G4A-1A-PS	9701024018	
CN301	Wire w/Connector L=140	9701279012	

STANDARD ACCESSORIES

Name and shape	Part No.			
	ASY9ASE-W ASY9ASECW	ASY9RSE-W ASY9RSECW	ASY12ASE-W ASY12ASECW	ASY12RSE-W ASY12RSECW
Wall hook bracket 	930458008	930458008	930458008	930458008
Wall cap-B 	313714296205	313714296205	313714296205	313714296205
Remote control unit 	9306049010	9306049027	9306049010	9306049027
Remocon holder case 	9305642014	9305642014	9305642014	9305642014
Battery (penlight) 	313187358304	313187358304	313187358304	313187358304
Cloth tape 	9304232001	9304232001	9304232001	9304232001
Seal-A 	—	—	9304536000	9304536000
Cable mark 	—	9301385007	—	9301385007
Tapping screw (Big) ($\phi 4 \times 20$) 	301141164200	301141164200	301141164200	301141164200
Tapping screw (Small) ($\phi 3 \times 12$) 	301141533125	301141533125	301141533125	301141533125
Allen wrench 	301980005800	301980005800	301980005800	301980005800
Drain pipe (Including drain packing) 	—	9303029015	—	9303029015

