

SERVICE MANUAL

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

Models	Indoor unit	Outdoor unit
	ASY13PSACW	AOY13PNAC
	ASY13PSCCW	AOY13PNCC
	ASH13PSCCW	AOH13PNCC

C O N T E N T S

SPECIFICATIONS AND DIMENSIONS	1
REFRIGERANT SYSTEM DIAGRAM	7
CIRCUIT DIAGRAM	8
INDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM	10
OUTDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM ..	11
DISASSEMBLY ILLUSTRATION	13
PARTS LIST	19

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

[SPECIFICATIONS] Models : ASY13PSACW / AOY13PNAC

TYPE	COOL & HEAT INVERTER
INDOOR UNIT	ASY13PSACW
OUTDOOR UNIT	AOY13PNAC
COOLING CAPACITY () : Range (kW)	3.7 (1.03 - 4.0)
HEATING CAPACITY () : Range (kW)	4.85 (0.8 - 6.1)

ELECTRICAL DATA

POWER SOURCE	(V)	220 - 230
FREQUENCY	(Hz)	50
RUNNING CURRENT (A)	COOLING	6.8 - 6.5 <Max. 8.0>
	HEATING	7.4 - 7.1 <Max. 10.0>
INPUT WATTS () : Range (kW)	COOLING	1.48 (0.35 - 1.82)
	HEATING	1.61 (0.33 - 2.28)
E.E.R. (kW/kW)	COOLING	2.50
	HEATING	3.01
MOISTURE REMOVAL	(ℓ /hr)	1.8
AIR CIRCULATION-Hi (m³/hr)	COOLING	610
	HEATING	560

COMPRESSOR

TYPE	Rotary type, Inverter, 2 pole, Three phase, Induction motor
CODE	2PV132N7BB02
REFRIGERANT R-22 (g)	950

FAN MOTOR

POWER SOURCE (V)			220 - 230
INDOOR UNIT	HI-SPEED (r.p.m.)	COOLING	1,320
		HEATING	1,420
	MED-SPEED (r.p.m.)	COOLING	1,210
		HEATING	1,260
	LO-SPEED (r.p.m.)	COOLING	1,100
		HEATING	1,150
OUTDOOR UNIT (r.p.m.)			740 - 770

DIMENSIONS

INDOOR UNIT	H x W x D (mm)	280 x 815 x 179
OUTDOOR UNIT		535 x 695 x 250

WEIGHT

INDOOR UNIT	GROSS/NET (kg)	11 / 9
OUTDOOR UNIT		38 / 35

Models : ASY13PSACW / AOY13PNAC

NOISE LEVEL

		COOLING	HEATING
INDOOR UNIT	HI-SPEED (dB)	43	42
	MED-SPEED (dB)	40	39
	LO-SPEED (dB)	38	36
	SUPER QUIET (dB)	34	30
OUTDOOR UNIT (dB)		48	49

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.

Table

PIPE LENGTH	5 m	7 m	10 m
ADDITIONAL REFRIGERANT	None	32 g	80 g

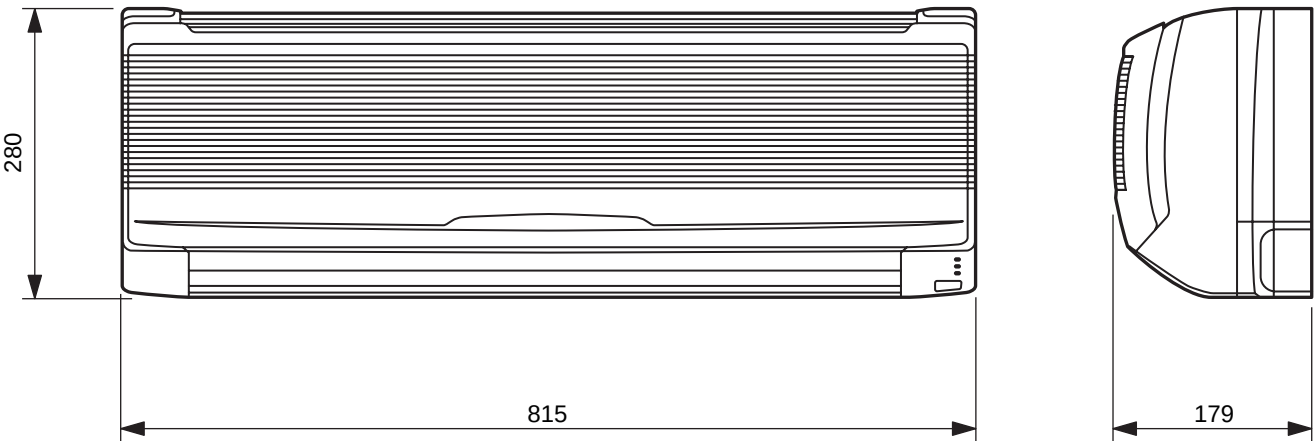
Between 5 m and 10 m, when using a connection pipe other than that in the table, charge additional refrigerant with 16 g / 1 m as the criteria.

⎧ The maximum length of the piping is 10 m. If the units are further apart than this, ⎫
correct operation can not be guaranteed.

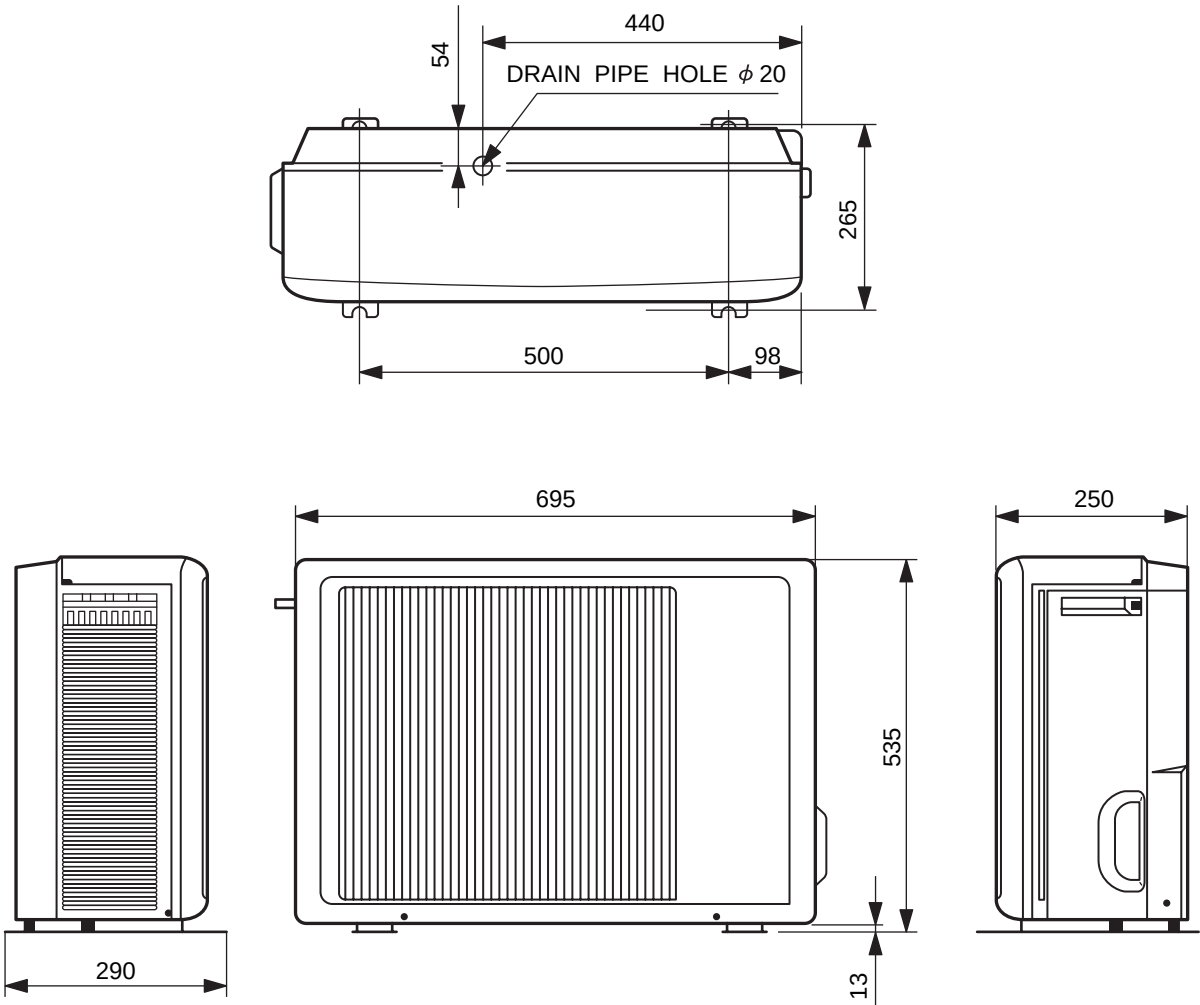
[DIMENSIONS]

Unit : mm

INDOOR UNIT
Model : ASY13PSACW



OUTDOOR UNIT
Model : AOY13PNAC



[SPECIFICATIONS]

Models : ASY13PSCCW / AOY13PNCC
ASH13PSCCW / AOH13PNCC

TYPE	COOL & HEAT INVERTER	
INDOOR UNIT	ASY13PSCCW	ASH13PSCCW
OUTDOOR UNIT	AOY13PNCC	AOH13PNCC
COOLING CAPACITY () : Range (kW)	3.7 (1.03 - 4.0)	
HEATING CAPACITY () : Range (kW)	5.0 (0.8 - 6.1)	

ELECTRICAL DATA

POWER SOURCE	(V)	220 - 230
FREQUENCY	(Hz)	50
RUNNING CURRENT (A)	COOLING	6.9 - 6.6 <Max. 8.0>
	HEATING	8.4 - 8.0 <Max. 10.0>
INPUT WATTS () : Range (kW)	COOLING	1.51 (0.35 - 1.82)
	HEATING	1.83 (0.33 - 2.28)
E.E.R. (kW/kW)	COOLING	2.45
	HEATING	2.73
MOISTURE REMOVAL	(ℓ/hr)	1.8
AIR CIRCULATION-Hi (m³/hr)	COOLING	590
	HEATING	545

COMPRESSOR

TYPE	Rotary type, Inverter, 2 pole, Three phase, Induction motor	
CODE	2PV132N7BB02	
REFRIGERANT	R-22 (g)	1,050

FAN MOTOR

POWER SOURCE (V)			220 - 230
INDOOR UNIT	HI-SPEED (r.p.m.)	COOLING	1,520
		HEATING	1,420
	MED-SPEED (r.p.m.)	COOLING	1,300
		HEATING	1,280
	LO-SPEED (r.p.m.)	COOLING	1,100
		HEATING	1,140
	QUIET-SPEED (r.p.m.)	COOLING	900
		HEATING	990
OUTDOOR UNIT (r.p.m.)			740 - 770

DIMENSIONS

INDOOR UNIT	H x W x D (mm)	290 x 815 x 220
OUTDOOR UNIT		535 x 695 x 250

WEIGHT

INDOOR UNIT	GROSS/NET (kg)	14 / 11.5
OUTDOOR UNIT		38 / 35

Models : ASY13PSCCW / AOY13PNCC
ASH13PSCCW / AOH13PNCC

NOISE LEVEL

		COOLING	HEATING
INDOOR UNIT	HI-SPEED (dB)	44	40
	MED-SPEED (dB)	40	37
	LO-SPEED (dB)	35	34
	QUIET (dB)	29	29
OUTDOOR UNIT (dB)		48 - 49	49 - 50

ADDITIONAL REFRIGERANT CHARGE

Refrigerant suitable for a piping length of 7.5 m is charged in the outdoor unit at the factory.

When the piping is longer than 7.5 m, additional charging is necessary.

For the additional amount, see the table below.

Table

PIPE LENGTH	7.5 m	10 m
ADDITIONAL REFRIGERANT	None	40 g

Between 7.5 m and 10 m, when using a connection pipe other than that in the table,
charge additional refrigerant with 16 g / 1 m as the criteria.

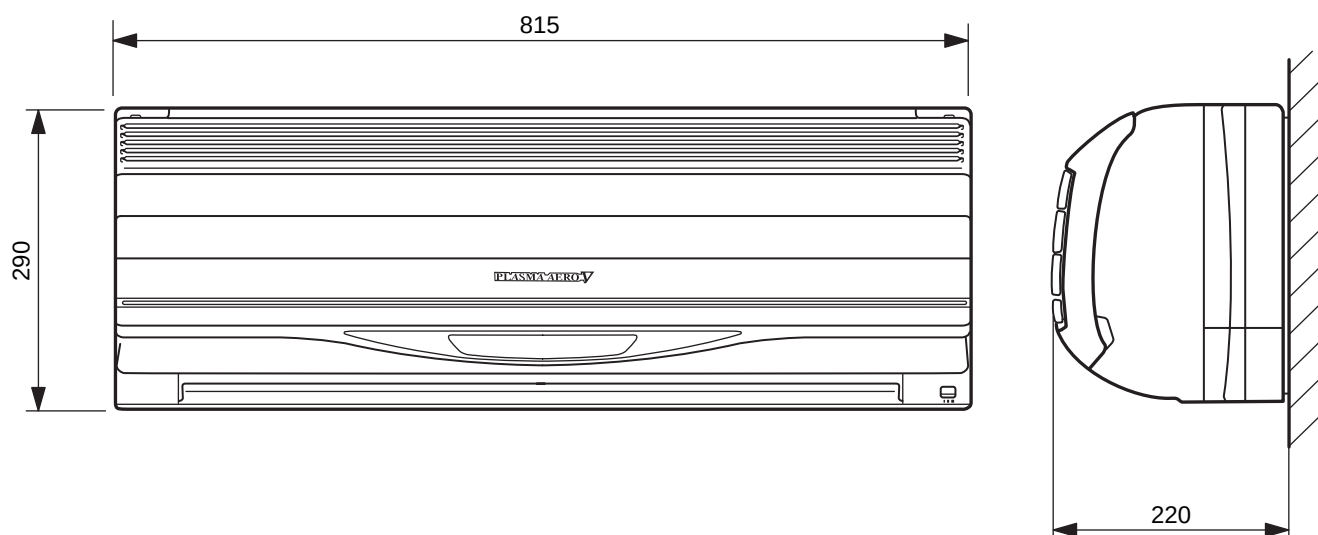
⎧ The maximum length of the piping is 10 m. If the units are further apart than this, ⎫
correct operation can not be guaranteed.

[DIMENSIONS]

Unit : mm

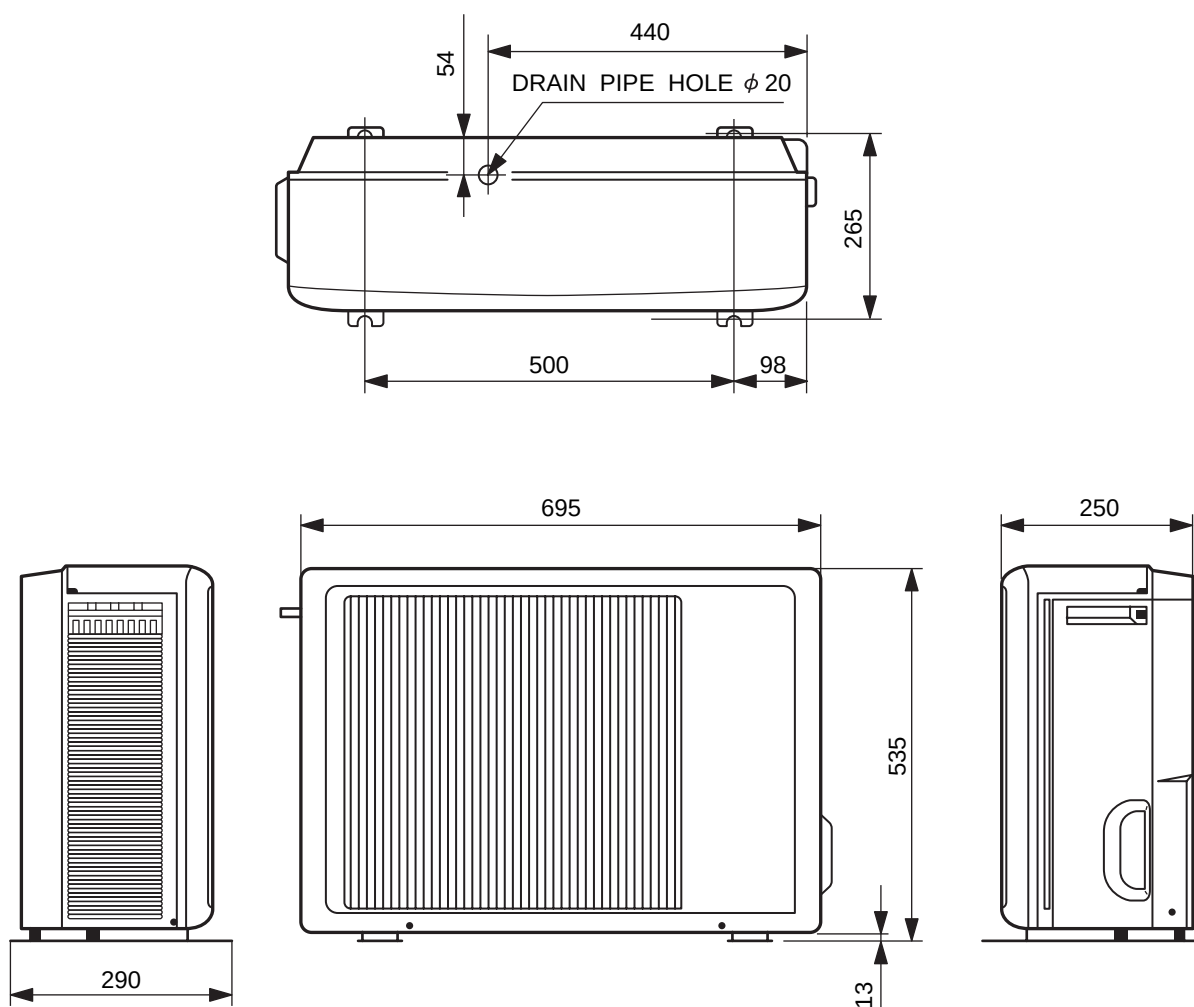
INDOOR UNIT

Models : ASY13PSCCW
ASH13PSCCW



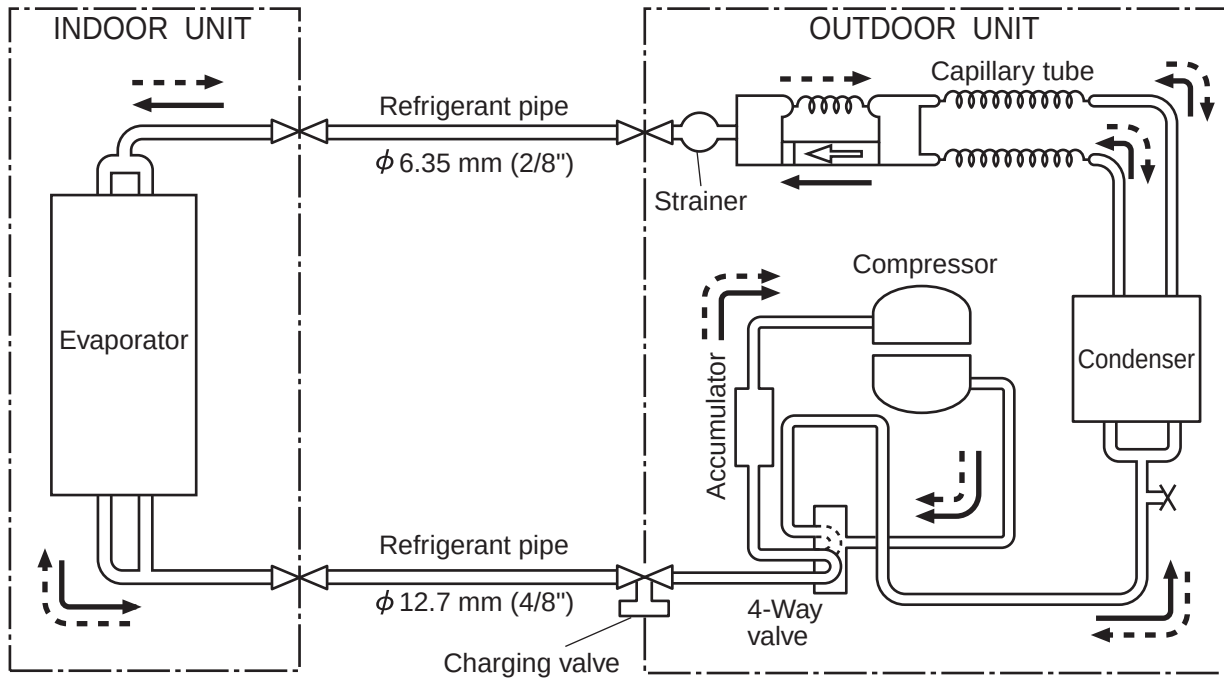
OUTDOOR UNIT

Models : AOY13PNCC
AOH13PNCC



REFRIGERANT SYSTEM DIAGRAM

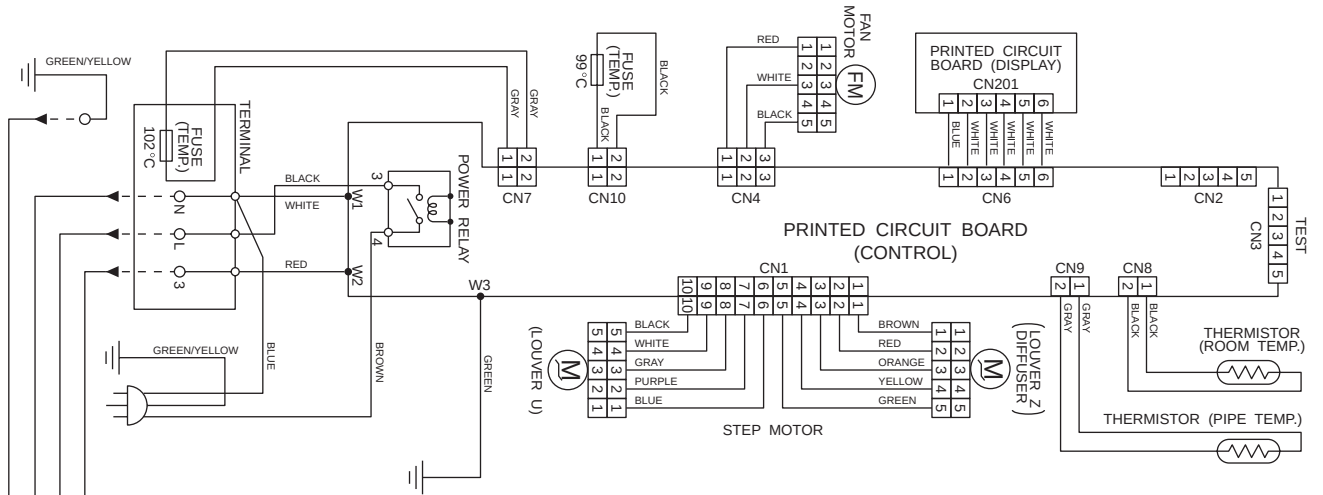
Models : ASY13PSACW / AOY13PNAC
 ASY13PSCCW / AOY13PNCC
 ASH13PSCCW / AOH13PNCC



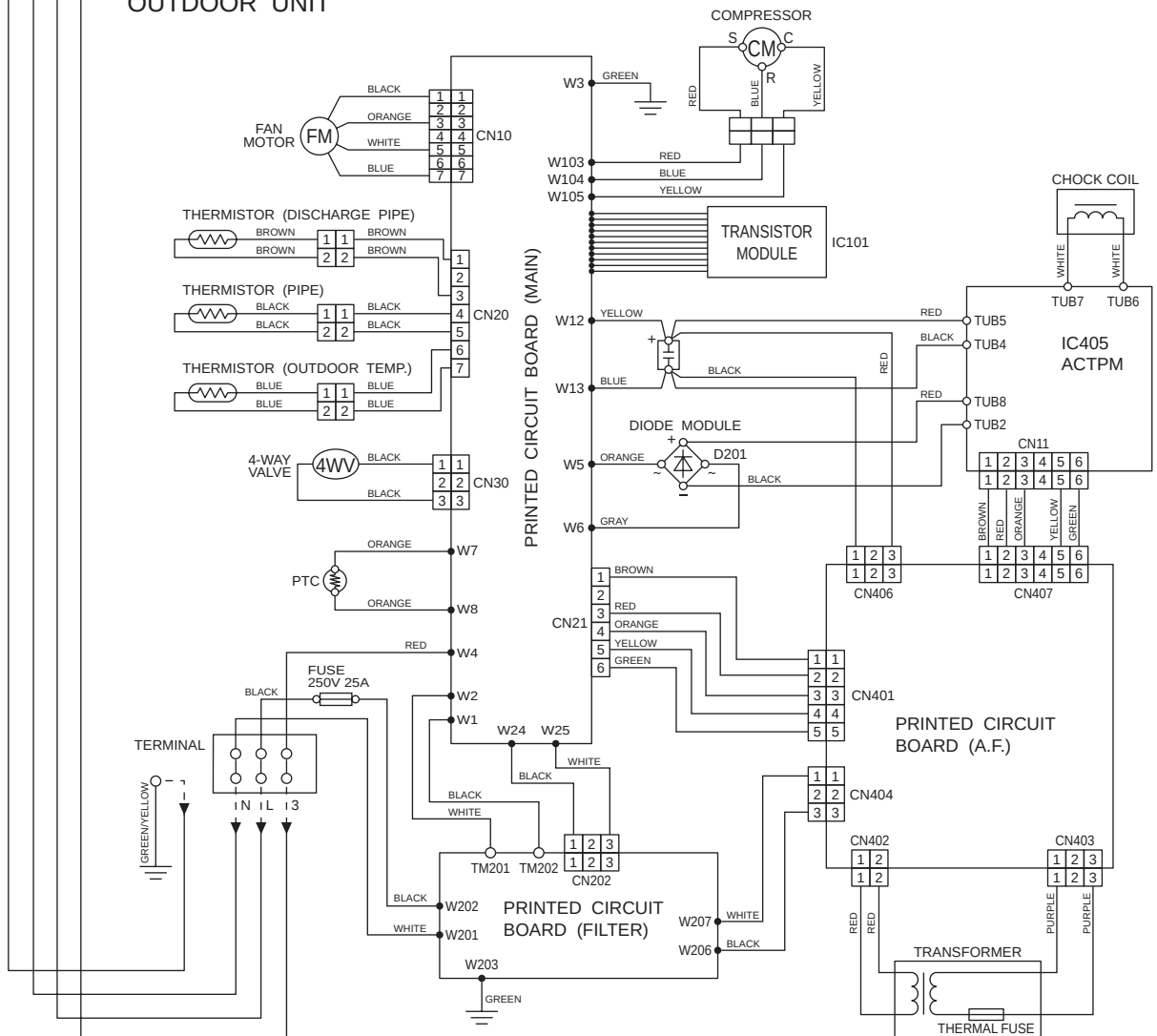
CIRCUIT DIAGRAM

Models : ASY13PSACW / AOY13PNAC

INDOOR UNIT

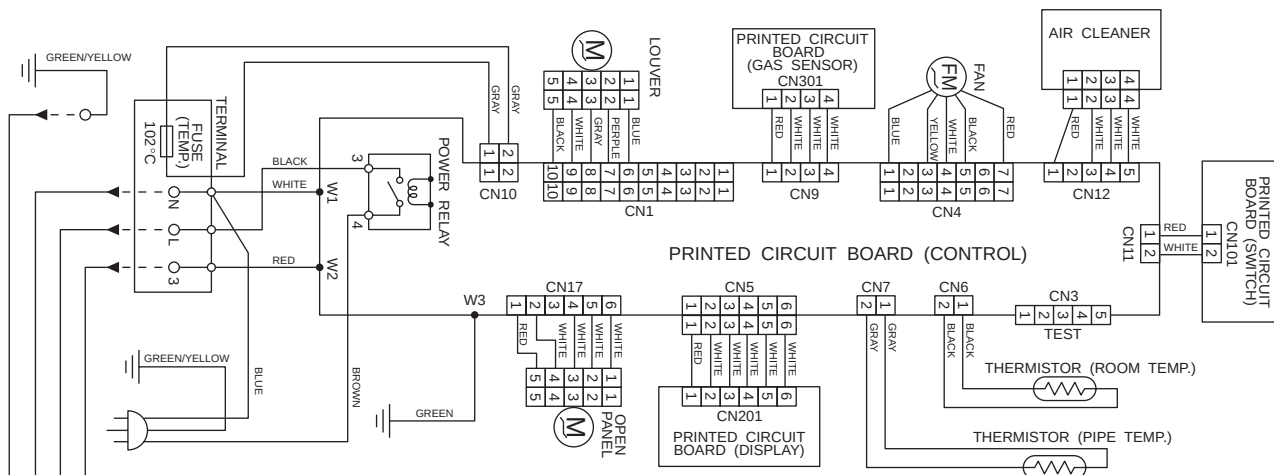


OUTDOOR UNIT

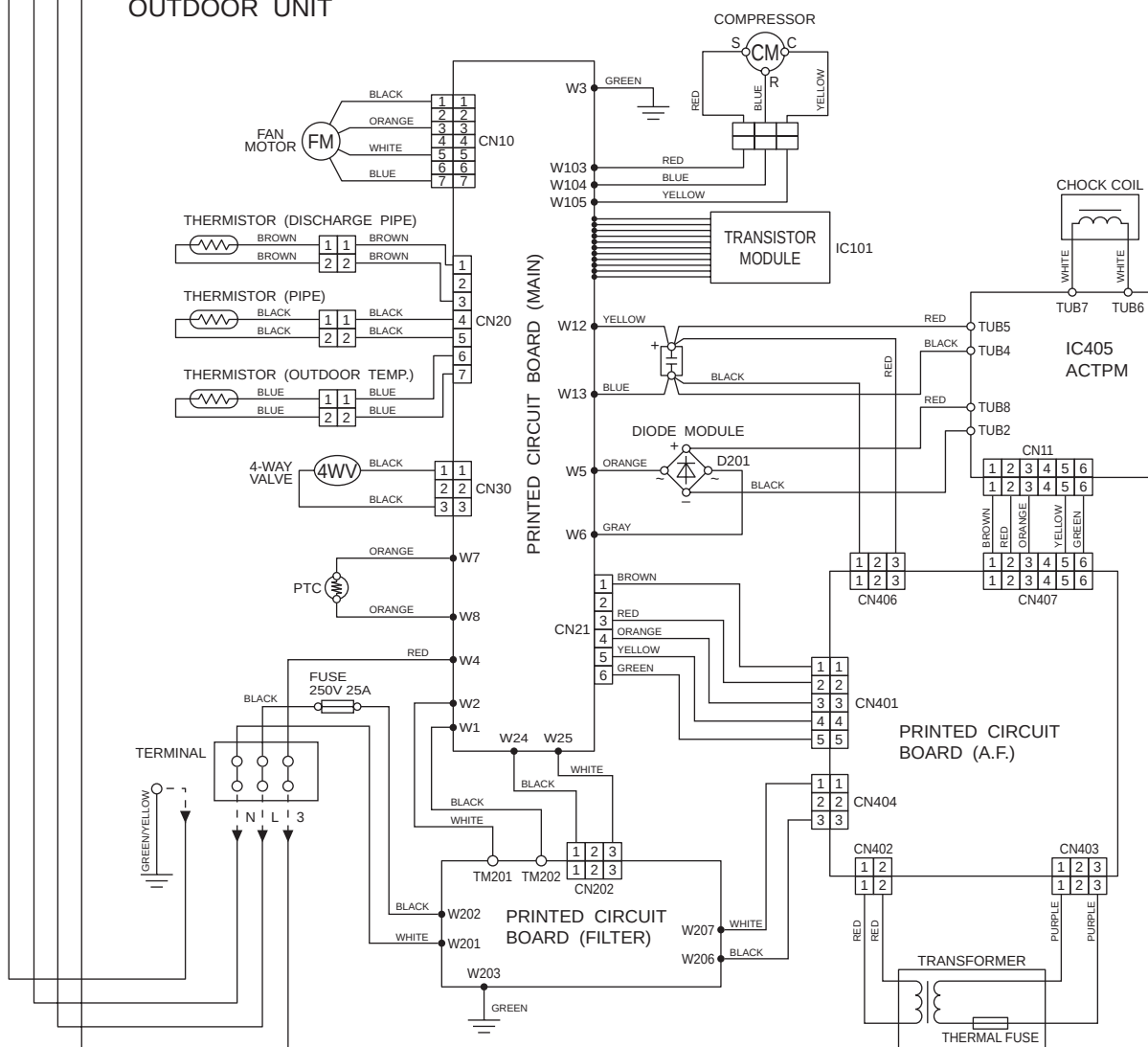


Models : ASY13PSCCW / AOY13PNCC
ASH13PSCCW / AOH13PNCC

INDOOR UNIT



OUTDOOR UNIT



**Models : ASY13PSACW
ASY13PSCCW
ASH13PSCCW**



**Models : AOY13PNAC
AOY13PNCC
AOH13PNCC**



Self-diagnosis function table (Flashing and 7 segment Display)

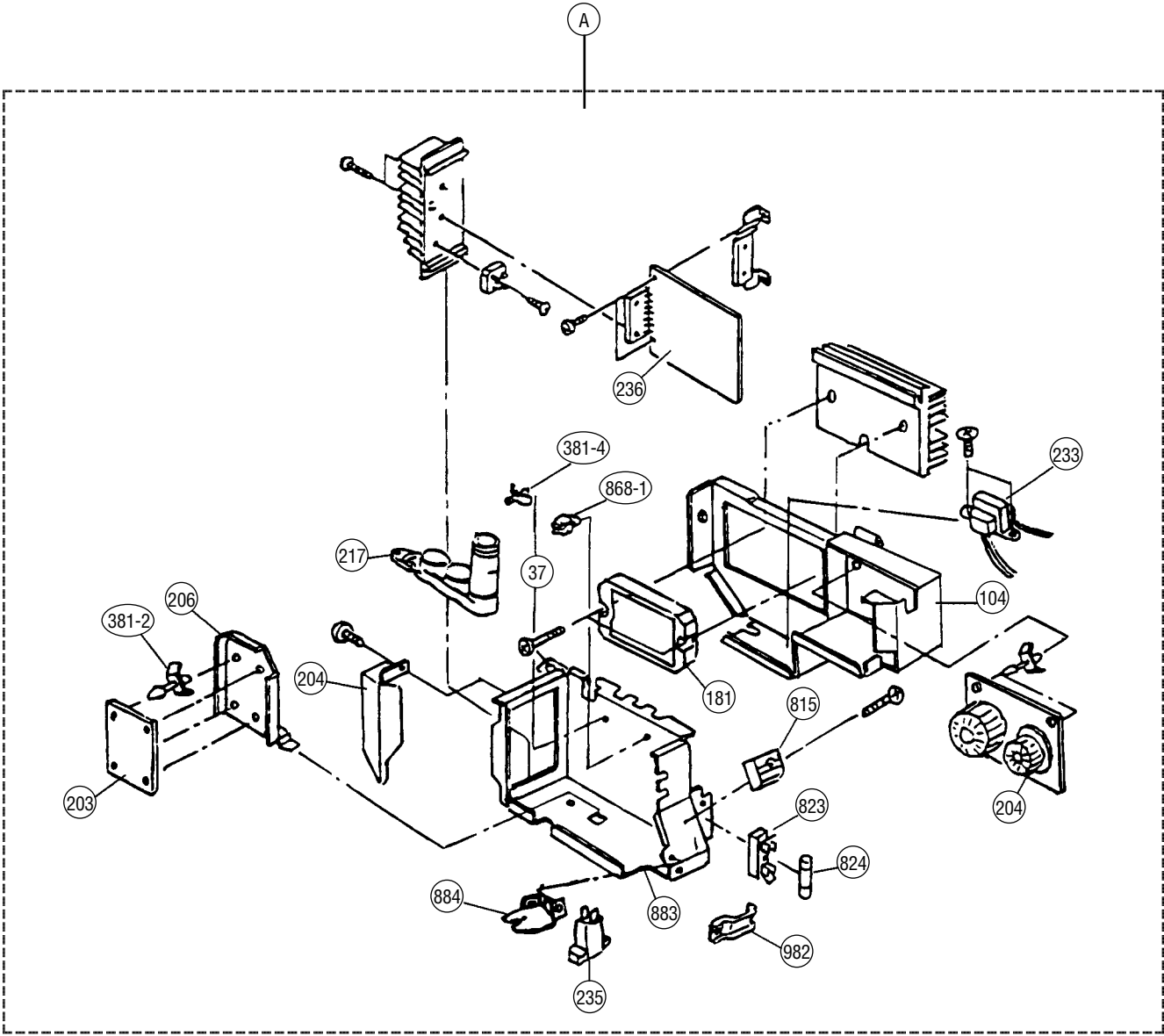
* Trouble lamp display (2) in Detailed trouble display can be indicated by pressing Test Operation button.

Trouble lamp display		Error Item	Detailed trouble display			
Operation lamp (red)	Timer lamp (green)		7 segment display	Trouble lamp display (2)		Detailed Error Item
				Operation lamp (red)	Timer lamp (green)	
ON	1sec ON/ 1sec OFF	Serial Signal abnormal (between indoor unit and outdoor unit)	02	0.1sec ON/ 0.1sec OFF	2 flashes (0.5sec)	Serial reverse signal error at operation start up
			03	0.1sec ON/ 0.1sec OFF	3 flashes (0.5sec)	Serial reverse signal error during operation
			04	0.1sec ON/ 0.1sec OFF	4 flashes (0.5sec)	Serial forward signal error at operation start up
			05	0.1sec ON/ 0.1sec OFF	5 flashes (0.5sec)	Serial forward signal error during operation
			06	0.1sec ON/ 0.1sec OFF	6 flashes (0.5sec)	Main/Display PCB communication error Output abnormal
			07	0.1sec ON/ 0.1sec OFF	7 flashes (0.5sec)	Main/Display PCB communication error Input abnormal
2 flashes 0.5sec	0.1sec ON/ 0.1sec OFF	Indoor unit thermistor abnormal	22	0.1sec ON/ 0.1sec OFF	2 flashes (0.5sec)	Indoor temperature thermistor open or short
			23	0.1sec ON/ 0.1sec OFF	3 flashes (0.5sec)	Heat exchanger middle thermistor open or short
3 flashes 0.5sec	0.1sec ON/ 0.1sec OFF	Outdoor unit thermistor abnormal	32	0.1sec ON/ 0.1sec OFF	2 flashes (0.5sec)	Exhaust thermistor open or short
			33	0.1sec ON/ 0.1sec OFF	3 flashes (0.5sec)	Heat exchanger thermistor open
			34	0.1sec ON/ 0.1sec OFF	4 flashes (0.5sec)	Outdoor temperature thermistor open or short

Trouble lamp display		Error Item	Detailed trouble display			
Operation lamp (red)	Timer lamp (green)		7 segment display	Trouble lamp display		Detailed Error Item
				Operation lamp (red)	Timer lamp (green)	
4 flashes (0.5sec)	0.1sec ON/ 0.1sec OFF	Indoor unit control error	42	0.1sec ON/ 0.1sec OFF	2 flashes (0.5sec)	Forced automatic SW welded
			43	0.1sec ON/ 0.1sec OFF	3 flashes (0.5sec)	Main relay welded
			44	0.1sec ON/ 0.1sec OFF	4 flashes (0.5sec)	Power interrupt error
			47	0.1sec ON/ 0.1sec OFF	7 flashes (0.5sec)	VDD permanent stop protection
			48	0.1sec ON/ 0.1sec OFF	8 flashes (0.5sec)	Reverse VDD permanent stop protection (Power circuit abnormal)
5 flashes (0.5sec)	0.1sec ON/ 0.1sec OFF	Outdoor unit control error	52	0.1sec ON/ 0.1sec OFF	2 flashes (0.5sec)	Current trip
			53	0.1sec ON/ 0.1sec OFF	3 flashes (0.5sec)	CT abnormal
6 flashes (0.5sec)	0.1sec ON/ 0.1sec OFF	Indoor fan motor error	62	0.1sec ON/ 0.1sec OFF	2 flashes (0.5sec)	Indoor fan motor lock error
			63	0.1sec ON/ 0.1sec OFF	3 flashes (0.5sec)	Indoor fan motor rotation error
7 flashes (0.5sec)	0.1sec ON/ 0.1sec OFF	Refrigerant cycle error	72	0.1sec ON/ 0.1sec OFF	2 flashes (0.5sec)	Exhaust temperature error

Trouble lamp display		Error Item	Detailed trouble display			
Operation lamp (red)	Timer lamp (green)		7 segment display	Trouble lamp display		Detailed Error Item
				Operation lamp (red)	Timer lamp (green)	
7 flashes (0.5sec)	0.1sec ON/ 0.1sec OFF	Refrigerant cycle error	73	0.1sec ON/ 0.1sec OFF	3 flashes (0.5sec)	Cooling high pressure too high
			74	0.1sec ON/ 0.1sec OFF	4 flashes (0.5sec)	Suction block protection
			75	0.1sec ON/ 0.1sec OFF	5 flashes (0.5sec)	Heating fan stop protection
8 flashes (0.5sec)	0.1sec ON/ 0.1sec OFF	Active filter error	82	0.1sec ON/ 0.1sec OFF	2 flashes (0.5sec)	Active filter abnormal when compressor stops
			83	0.1sec ON/ 0.1sec OFF	3 flashes (0.5sec)	Active filter abnormal when compressor starts up
All three LEDs flashing every 0.1sec together		Error of model recognition	Ab	All three LEDs flashing every 0.1sec together		Error of model recognition Permanent stop Remote does not work

Models : AOY13PNAC
AOY13PNCC
AOH13PNCC

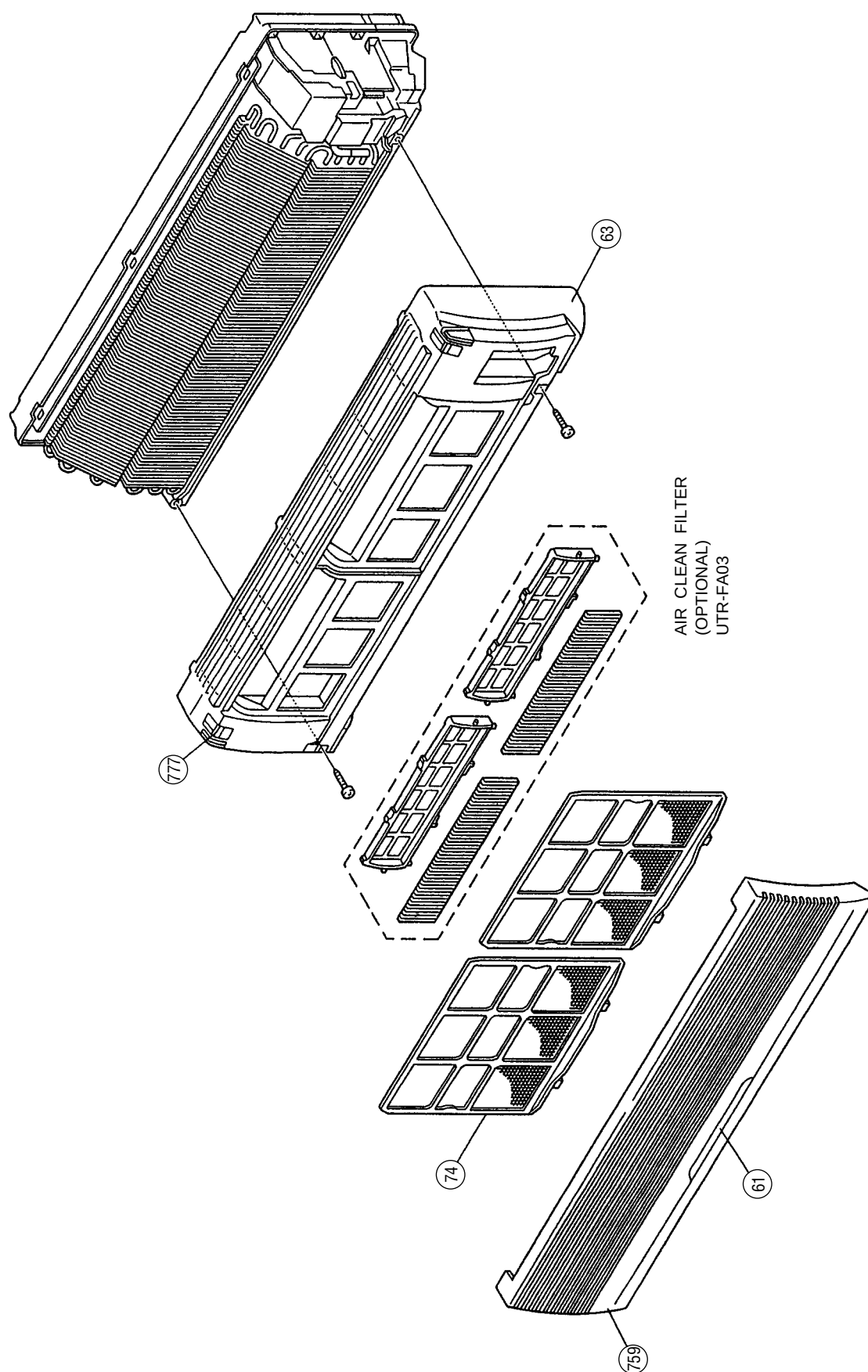


Replace the part having Ref. No. 203 or 181 as stated in the parts list.
 When necessary, replace the whole assembly having Part Nos. 9702486013 [model : AOY13PNAC] and 9702486211 [models : AOY13PNCC, AOH13PNCC] (portion enclosed by dotted lines in the above illustration) since this assembly has been precisely adjusted before shipment from factory.

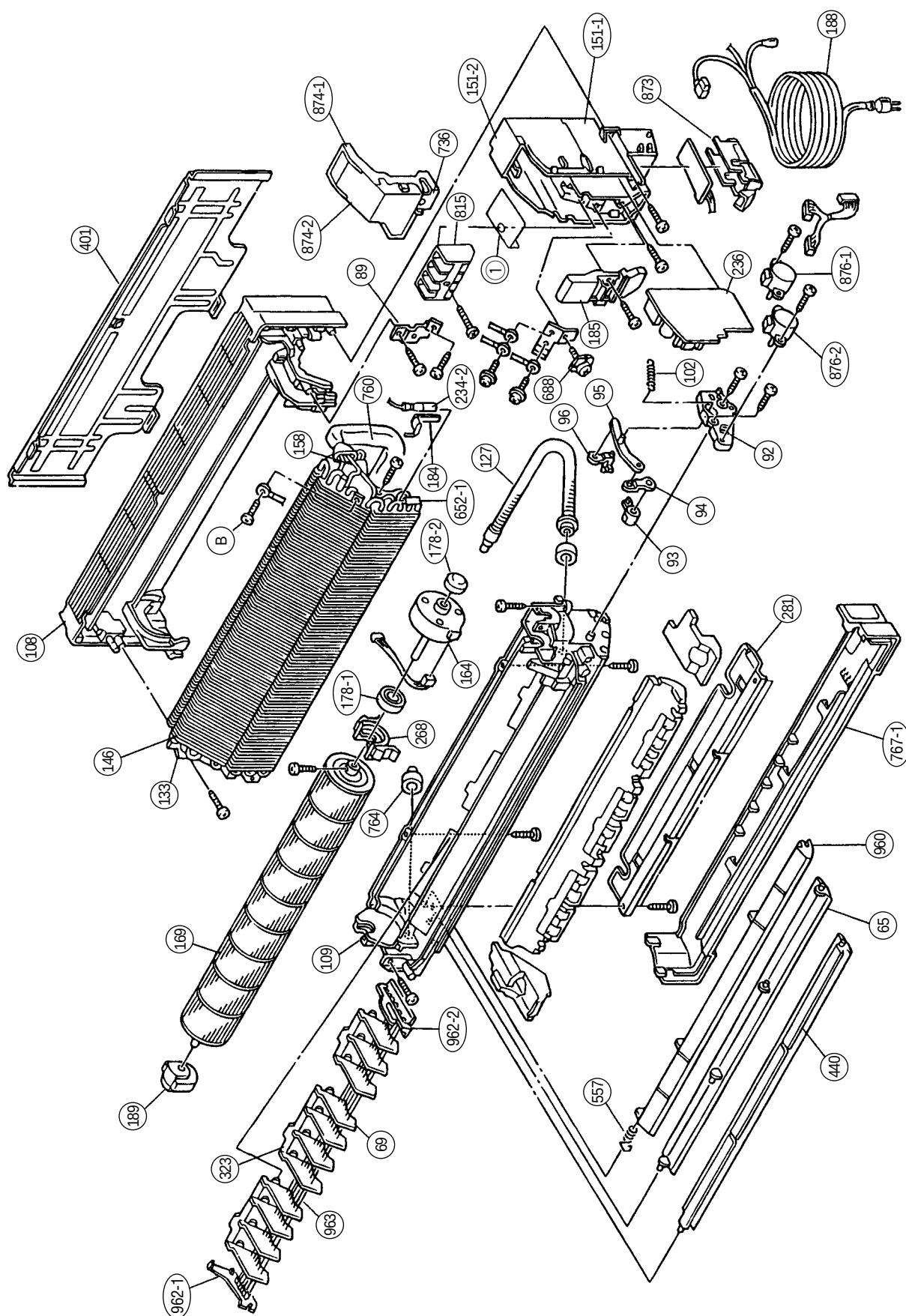
Ref. No.	Description	Part No.	
		AOY13PNAC	AOY13PNCC, AOH13PNCC
203	PCB ASSY (A-F)	9702490201	9702490201
181	ACTPM	9702612016	9702612016
A	INVERTER ASSY	9702486204	9702486211

DISASSEMBLY ILLUSTRATION

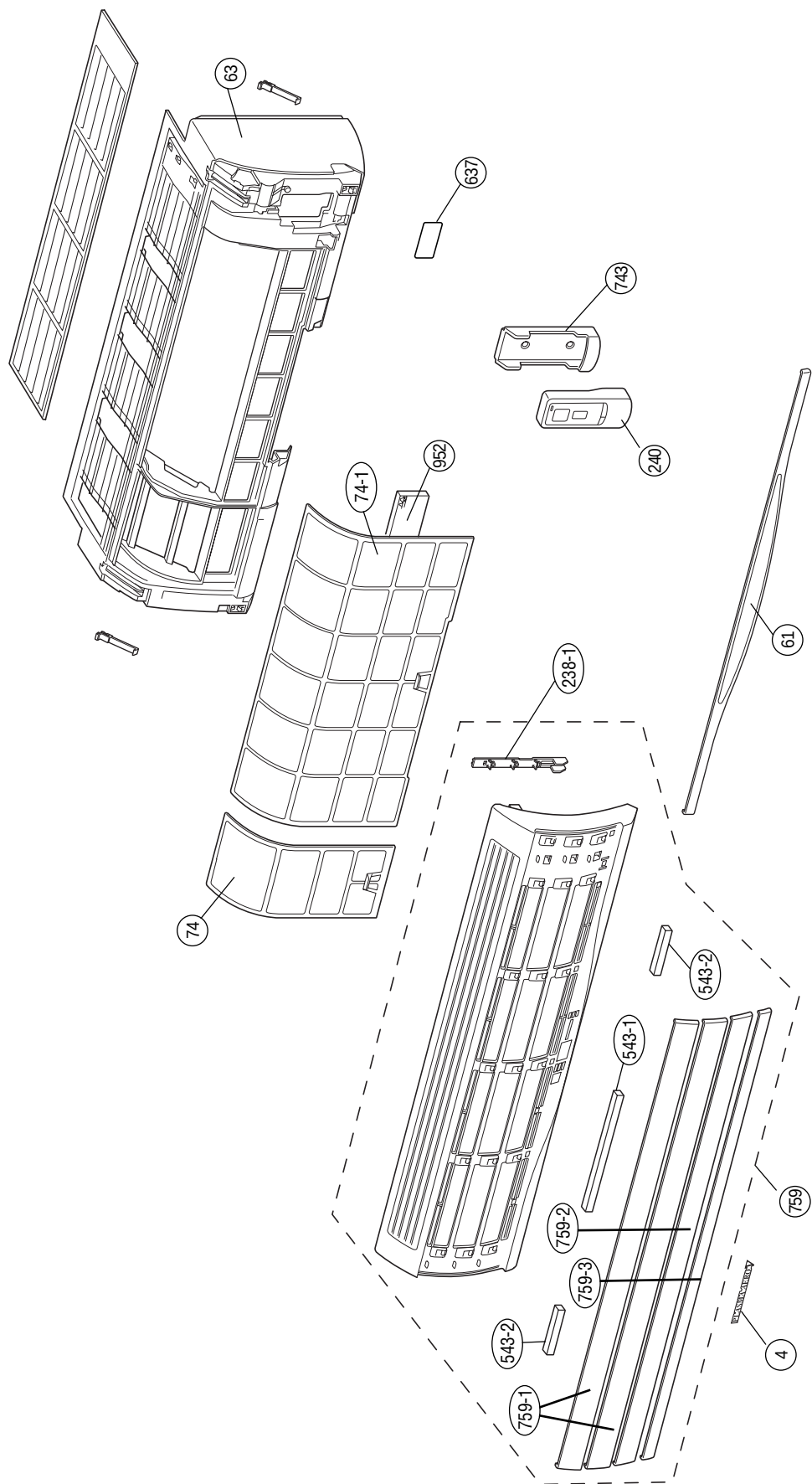
Model : ASY13PSACW



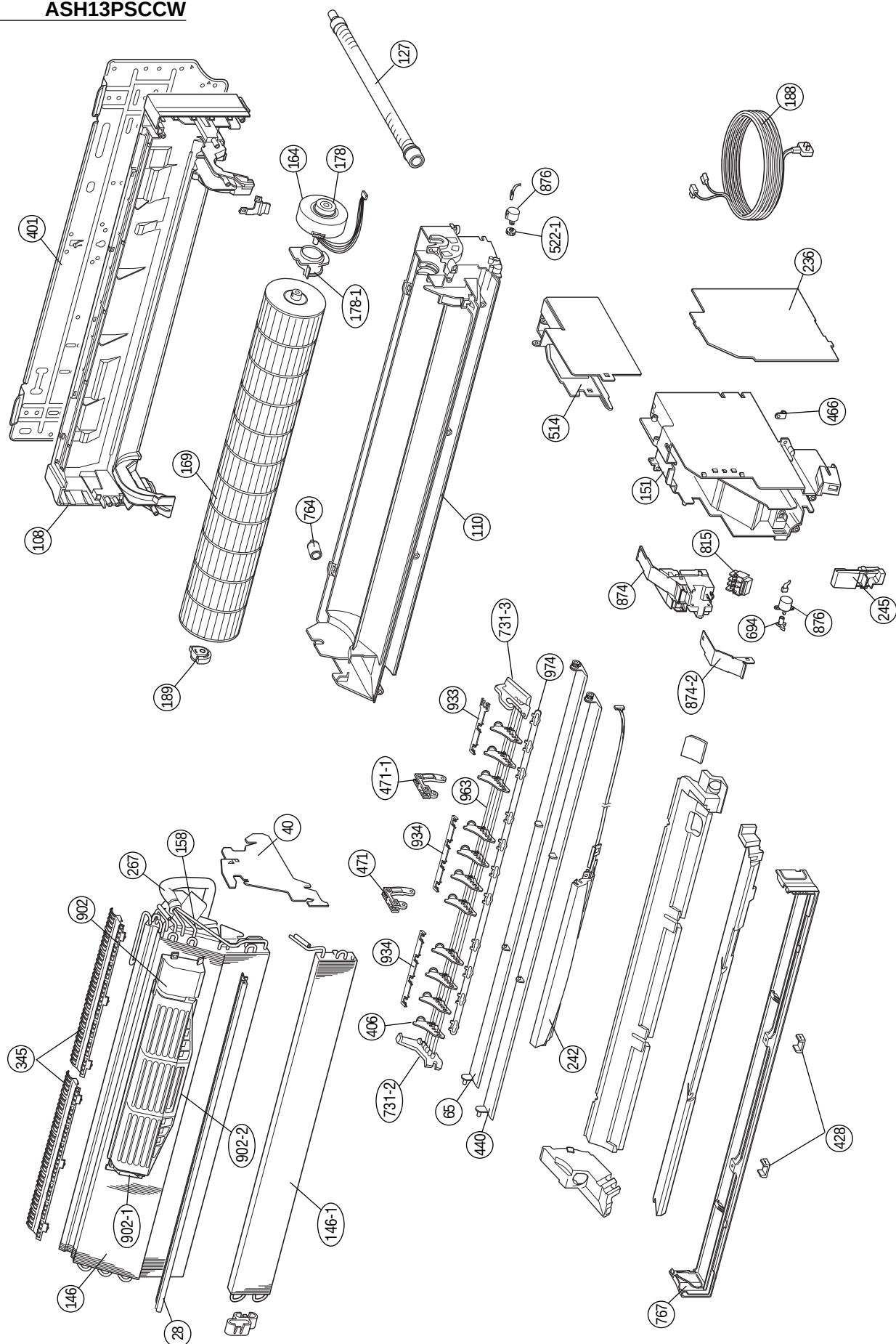
Model : ASY13PSACW



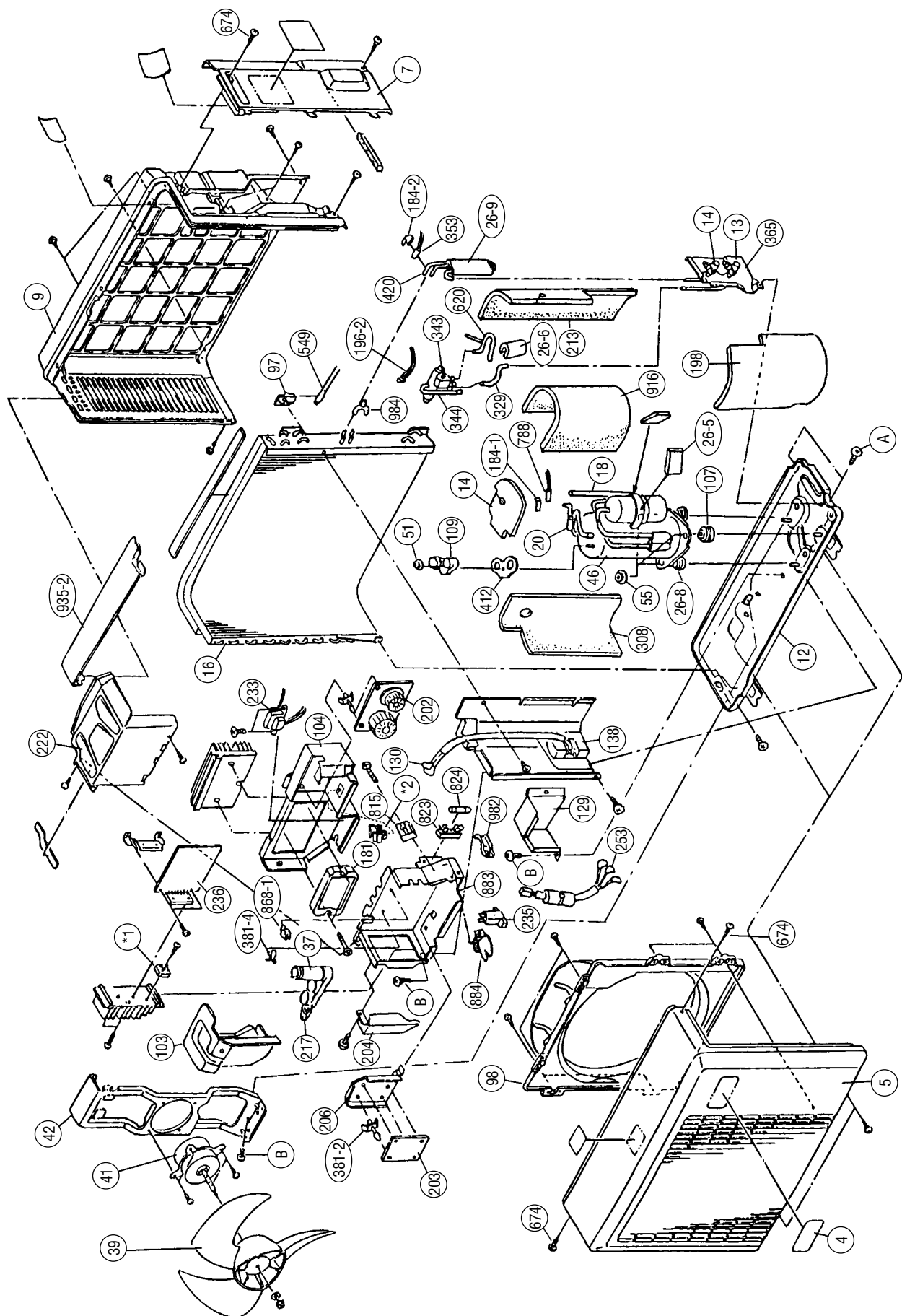
Models : ASY13PSCCW
ASH13PSCCW



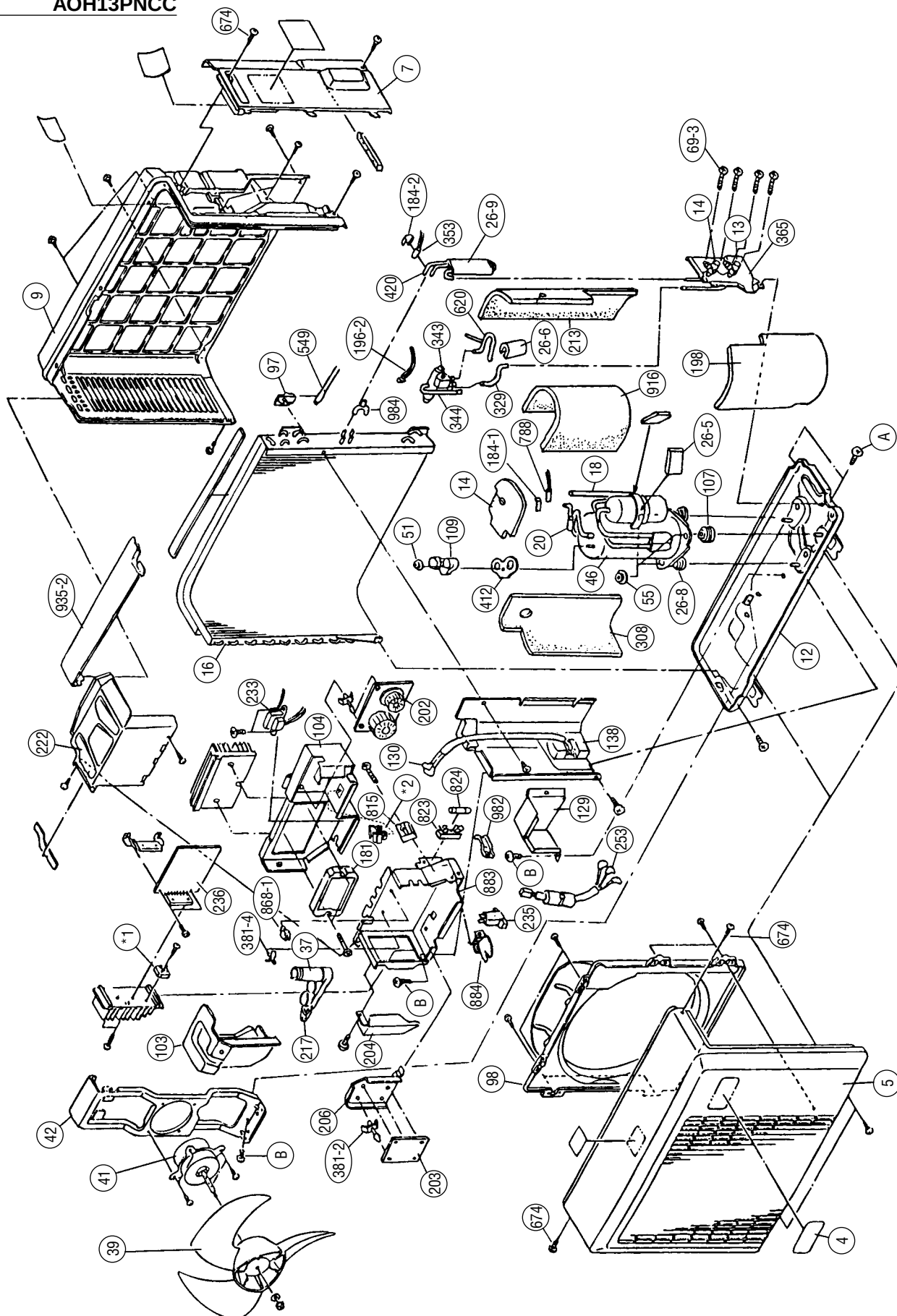
Models : ASY13PSCCW
ASH13PSCCW



Model : AOY13PNAC



Models : AOY13PNCC
AOH13PNCC



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. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
		ASY13PSACW				ASY13PSACW	
61	Decoration Plate	9307600012		234-2	Thermistor Assy	9702039011	
63	Front Panel Assy	9306817091		236	Controller PCB Assy	9702232023	
65	Flow Control Panel-Z	9306571016		268	Motor Cover-B	9306582012	
69	Louver-A	9306583019		281	Clamp Metal (Pipe)	9306607012	
74	Filter	9306601010		323	Louver-B	9306584016	
89	Casing Fixture	9307018008		401	Wall Hook Bracket	9306588014	
92	Link Plate	9306577018		440	Flow Control Panel-U	9306570019	
93	Link-A	9306573010		557	Diffuser Spring	9306611019	
94	Link-B	9306574017		652-1	Thermistor Holder Pipe	313714262805	
95	Link-C	9306575014		688	Screw (w/Square Washer)	313681304205	
96	Link-D	9306576011		736	Operation Panel	9306620011	
102	Link Spring	9306610012		759	Intake Grille	9306598013	
108	Base	9306566012		764	Drain Cap Assy	9304150008	
109	Casing	9306568013		767-1	Bottom Cover-A	9306567019	
127	Drain Hose Assy	9305550029		777	Intake Grille Clamp	9306755010	
133	Evaporator Cover	9306606015		815	Terminal	9701955077	
146	Evaporator Assy	9307449017		873	Lamp Cover	9306593018	
151-1	Control Box	9306590024		874-1	Control Box Cover, Plastic	9306591014	
151-2	Control Box-Metal	9306594015		874-2	Control Box Cover, Metal	9306595012	
158	Connecting Pipe Assy	9306669010		876-1	Step Motor	9305780006	
164	Fan Motor Assy-IN	9306829025		876-2	Step Motor	9305892006	
169	Cross-flow Fan Assy	9305435012		960	Diffuser	9306572013	
178-1	Motor Cushion-A	9306751012		962-1	Guard Holder-L	9307229015	
178-2	Motor Cushion-B	9306580018		962-2	Guard Holder-R	9307228018	
184	Thermistor Spring	313104262701		963	Fan Guard	9305751020	
185	Wire Clamp	9306592011		①	Sheet-A	9307661006	
188	Power Cord Assy	9900032029		B	Screw (w/Spring Washer)	0700179013	
189	Shaft Holder-C Assy	9306628017					

OUTDOOR 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. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
		AOY13PNAC				AOY13PNAC	
4	Emblem-Rear	9307602016		206	PCB Fixture	9307587016	
5	Cabinet Front Panel	9306386016		213	Noise Insulation-B	9307674006	
7	Connector Cover	9306119010		217	Capacitor Holder	9306036027	
9	Cabinet Rear Panel	9306385019		222	Shield Plate	9305788002	
12	Base Assy, Painted	9306118082		223	Noise Insulation-D	9307719004	
13	3-Way Valve	9311535010		233	Power Transformer	9701803026	
14	2-Way Valve	9311533016		235	Thermistor	0000726016	
16	Condenser Assy	9307083006		236	Inverter PCB Assy	9702487201	
18	Suction Pipe	9307260001		253	Wire Assy (Connector)	9702608019	
20	Discharge Pipe Assy	9307259005		308	Noise Insulation-C	9307675003	
26-5	BR Sheet	9305039012		329	Coupling Pipe	9307263002	
26-6	BR Sheet	9305039029		343	Solenoid Coil	9359616085	
26-8	BR Sheet	9305498093		344	4-Way Valve	313947302811	
26-9	BR Sheet	9305039067		353	Thermistor Assy	9701409020	
37	Cap. Elec. 420V 1300uF	9702609016		365	Bracket (Valve)	9306748012	
39	Propeller Fan	9305538003		381-2	Locking Spacer KGLS-8S	0600035020	
41	Fan Motor Assy-OUT	9300834285		381-4	Locking Spacer KGPS-6S	0600118075	
42	Bracket (Motor)	9305536023		412	Terminal Gasket	9351051013	
46	Compressor Assy	9310474006		420	Capillary Assy	9308284006	
51	Special Nut M5	9300301015		549	Thermistor Assy-Outer	9702606015	
55	Special Nut M8	313252257701		620	Inlet Pipe Assy	9307262005	
97	Thermistor Holder	9307274015		674	Screw, Coated	9305848010	
98	Fan Ring	9305581016		688	Screw (w/Square Washer)	313681304205	
103	Active Filter Cover	9307825019		788	Thermistor-Discharge	9701945023	
104	Active Filter Case	9307577017		815	Terminal	9306489038	
107	Rubber Seat-A	9351049010		823	Fuse Holder	0500487011	
109	Terminal Cover	9303553008		824	Fuse	0600086039	
129	Coil Cover	9307581014		868-1	PCB Holder	0600172107	
130	Choke Coil	9702607012		883	Inverter Case	9307568015	
138	Separate Wall Assy	9307573019		884	Bracket (Thermistor)	9307582011	
181	IPM (Active Filter) ACTPM-EU	9702612016		916	Noise Insulation-G	9307676000	
184-1	Thermostat Spring-A	313728262708		935-2	Reinforcement-B	9307685002	
184-2	Thermistor Spring	9300089012		982	Cord Clamp	9307271014	
196-2	Clamp SKB-3MC	9305335008		984	U-Pipe (Y)	9305523009	
198	Noise Insulation-A	9307673009		A	Screw (w/Washer)	9357297002	
202	Filter PCB Assy	9702493202		B	Screw (w/Spring Washer)	0700179013	
203	Active Filter PCB Assy	9702490201		*1	IC S25VB60	0100122022	
204	Heat Sink Cover	9305534005		*2	PCB Holder	0600172206	

Note : Always use specified screws, since Ref No. 688, A and B are screws for the earth.

Ref No. 688 : Machine screw(with square washer & 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

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

INDOOR UNIT

Ref. No.	Description	Part No.		Ord. Q'ty	Ref. No.	Description	Part No.		Ord. Q'ty
		ASY13PSCCW	ASH13PSCCW				ASY13PSCCW	ASH13PSCCW	
4	Emblem	9309979024	9309979024		267	Insulation (Pipe)-E	9304607007	9304607007	
28	Air Seal	9308908025	9308908025		345	Guide (Filter)	9309822016	9309822016	
40	Water Seal	9310094013	9310094013		401	Bracket Panel	9309813014	9309813014	
61	Decoration Plate	9311465010	9311465010		428	Cap (Screw)	9309002036	9309002036	
63	Front Panel Assy	9311466017	9311466024		440	Flow Control Panel-U	9309814028	9309814028	
65	Flow Control Panel-Z	9309815025	9309815025		514	Cover (Switch Box)	9311171010	9311171010	
74	Air Filter-L	9309831018	9309831018		522-1	Gear-A	9308916013	9308916013	
74-1	Air Filter-R	9309825017	9309825017		543-1	Panel Stopper-A	9311547013	9311547013	
108	Base Assy	9311341017	9311341017		543-2	Panel Stopper-B	9311547020	9311547020	
110	Casing Assy	9311462019	9311462019		637	Cover (Switch Box)	9311172017	9311172024	
127	Drain Hose Assy	9305550029	9305550029		694	Cam-B	9309975019	9309975019	
146	Evaporator Assy	9311455011	9311455011		731-2	Holder (Guard)-L	9311338017	9311338017	
146-1	Evaporator-B Assy	9310080023	9310080023		731-3	Holder (Guard)-R	9311337010	9311667010	
151	Box (Switch)	9311040019	9311040019		743	Remote Control Unit Holder Case	9305642014	9305642014	
158	Joint Pipe Assy	9311456018	9311456018		759	Intake Grille Assy	9311467014	9311467014	
164	Fan Motor Assy	9600980019	9600980019		764	Drain Cap Assy	9304150008	9304150008	
169	Cross-Flow Fan Assy	9307836015	9307836015		767	Cover (Lower)	9309811027	9309811027	
178	Motor Cushion-B	9306274009	9306274009		874	Cover (Switch Box)	9309875012	9309875012	
188	Power Code	9900032012	9900032012		874-2	Cover (Cover Switch)	9309948013	9309948013	
189	Shaft Holder-C Assy	9306628017	9306628017		876	Step Motor	9703477010	9703477010	
236	Controller PCB Assy	9704527028	9704527028		902	Air Cleaner	9309187016	9309187016	
238-1	Slider-A	9309971011	9309971011		902-1	Frame Assy	9309860018	9309860018	
240	Remote Control Unit	9311420019	9311420019		902-2	EP Unit Assy	9309859012	9309859012	
242	Display Assy	9704189035	9704189035		952	Deodorant Filter	9311260011	9311260011	
245	Wire Clamper	9309967021	9309967021		963	Fan Guard	9305751037	9305751037	

OUTDOOR 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. Q'ty	Ref. No.	Description	Part No.		Ord. Q'ty
		AOY13PNCC	AOH13PNCC				AOY13PNCC	AOH13PNCC	
4	Emblem-Rear	9307602016	9307603013		203	Active Filter PCB Assy	9702490201	9702490201	
5	Cabinet Front Panel	9306386016	9306386016		204	Heat Sink Cover	9305534005	9305534005	
7	Connector Cover	9306119010	9306119010		206	PCB Fixture	9307587016	9307587016	
9	Cabinet Rear Panel	9306385019	9306385019		213	Noise Insulation-B	9307674006	9307674006	
12	9306118082	9306118082	9306118020		217	Capacitor Holder	9306036027	9306036027	
13	3-Way Valve	9311535010	9311535010		222	Shield Plate	9305788002	9305788002	
14	2-Way Valve	9311533016	9311533016		223	Noise Insulation-D	9307719004	9307719004	
16	Condenser Assy	9307083006	9307083006		233	Power Transformer	9701803026	9701803026	
17	U-Pipe (Y)	9305523009	9305523009		235	Thermistor	0000726016	0000726016	
18	Suction Pipe	9307260001	9307260001		236	Inverter PCB Assy	9702487010	9702487010	
20	Discharge Pipe Assy	9307259005	9307259005		253	Wire Assy (Connector)	9702608019	9702608019	
26-5	BR Sheet	9305039012	9305039012		308	Noise Insulation-C	9307675003	9307675003	
26-6	BR Sheet	9305039166	9305039166		329	Coupling Pipe	9307263002	9307263002	
26-8	BR Sheet	9305498093	9305498093		343	Solenoid Coil	9359616085	9359616085	
26-9	BR Sheet	9305039067	9305039067		344	4-Way Valve	313947302811	313947302811	
37	Cap. Elec. 420V 1300uF	9702609016	9702609016		353	Thermistor Assy	9701409020	9701409020	
39	Propeller Fan	9305538003	9305538003		365	Bracket (Valve)	9306748012	9306748012	
41	Fan Motor Assy-Out	9300834285	9300834285		381-2	Locking Spacer KGLS-8S	0600035020	0600035020	
42	Bracket (Motor)	9305536023	9305536023		381-4	Locking Spacer KGPS-6S	0600118075	0600118075	
46	Compressor Assy	9310473009	9310473009		412	Terminal Gasket	9351051013	9351051013	
51	Special Nut M5	9300301015	9300301015		420	Capillary Assy	9310684009	9310684009	
55	Special Nut M8	313252257701	313252257701		549	Thermistor Assy-Outer	9702606015	9702606015	
64	Capacitor (Fan Motor)	9702104023	9702104023		620	Inlet Pipe Assy	9307262005	9307262005	
69-3	Bolt Hex. Socket	301210060360	301210060360		674	Screw, Coated	9305848010	9305848010	
97	Thermistor Holder	9307274015	9307274015		688	Screw (w/Square Washer)	313681304205	313681304205	
98	Fan Ring	9305581023	9305581023		788	Thermistor-Discharge	9701945023	9701945023	
103	Active Filter Cover	9307677014	9307677014		815	Terminal	9306489038	9306489038	
104	Active Filter Case	9307577017	9307577017		823	Fuse Holder	0500487011	0500487011	
107	Rubber Sheet-A	9351049010	9351049010		824	Fuse	0600086039	0600086039	
109	Terminal Cover	9303553008	9303553008		868-1	PCB Holder	0600172107	0600172107	
129	Coil Cover	9307581014	9307581014		883	Inverter Case	9307568015	9307568015	
130	Choke Coil	9702607012	9702607012		884	Bracket (Thermistor)	9307582011	9307582011	
138	Separate Wall Assy	9307573019	9307573019		916	Noise Insulation-G	9307676000	9307676000	
181	IPM(Active Filter) ACTPM-EU	9702612016	9702612016		935-2	Reinforcement-B	9307685002	9307685002	
184-1	Thermostat Spring-A	313728262708	313728262708		982	Cord Clamp	9307271014	9307271014	
184-2	Thermistor Spring	9300089012	9300089012		A	Screw (w/Washer)	9357297002	9357297002	
196-2	Clamp SKB-3MC	9305335008	9305335008		B	Screw (w/Spring Washer)	0700179013	0700179013	
198	Noise Insulation-A	9307673009	9307673009		*1	IC S25VB60	0100122022	0100122022	
202	Filter PCB Assy	9702493202	9702493202		*2	PCB Holder	0600172206	0600172206	

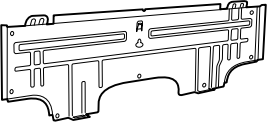
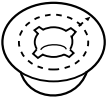
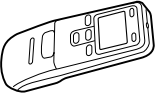
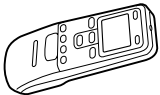
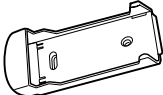
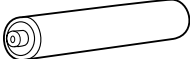
Note : Always use specified screws, since Ref No. 688, A and B are screws for the earth.

Ref No. 688 : Machine screw(with square washer & 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

STANDARD ACCESSORIES

Name and Shape	Part No.		
	ASY13PSACW	ASY13PSCCW	ASH13PSCCW
Wall hook bracket 	9306588014	—	
Wall hook bracket 	—	9309813014	
Wall cap-B 	313714296205	313714296205	
Remote control unit 	9307113017	—	
Remote control unit 	—	9311420019	
Remote control unit holder 	9305642014	9305642014	
Battery (penlight) 	0600185334	0600185534	
Cloth tape 	9308117007	9308117007	
Seal-A 	9304536000	9304536000	
Tapping screw (big) (ø4 x 25) 	0700076046	0700076046	
Tapping screw (small) (ø3 x 12) 	301141533125	301141533125	
Allen wrench 	9351228019	9351228019	
Drain pipe (Including drain packing) 	9303029022	9303029022	

