SHIVAKI

WALL MOUNTED SPLIT-TYPE AIR CONDITIONERS

SERVICE MANUAL

No.TE150119

Models

SSH-P076DC/SRH-P076DC
SSH-P096DC/SRH-P096DC
SSH-P126DC/SRH-P126DC
SSH-P186DC/SRH-P186DC

CONTENTS

IMPORTANT NOTICE

This service manual is intended for use by individuals possessing adequate backgrounds of electrical, electronic and mechanical experience. Any attempt to repair the appliance may result in personal injury and property damage. The manufacturer or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

The information, specifications and parameter are subject to change due to technical modification or improvement without any prior notice. The accurate specifications are presented on the nameplate label.
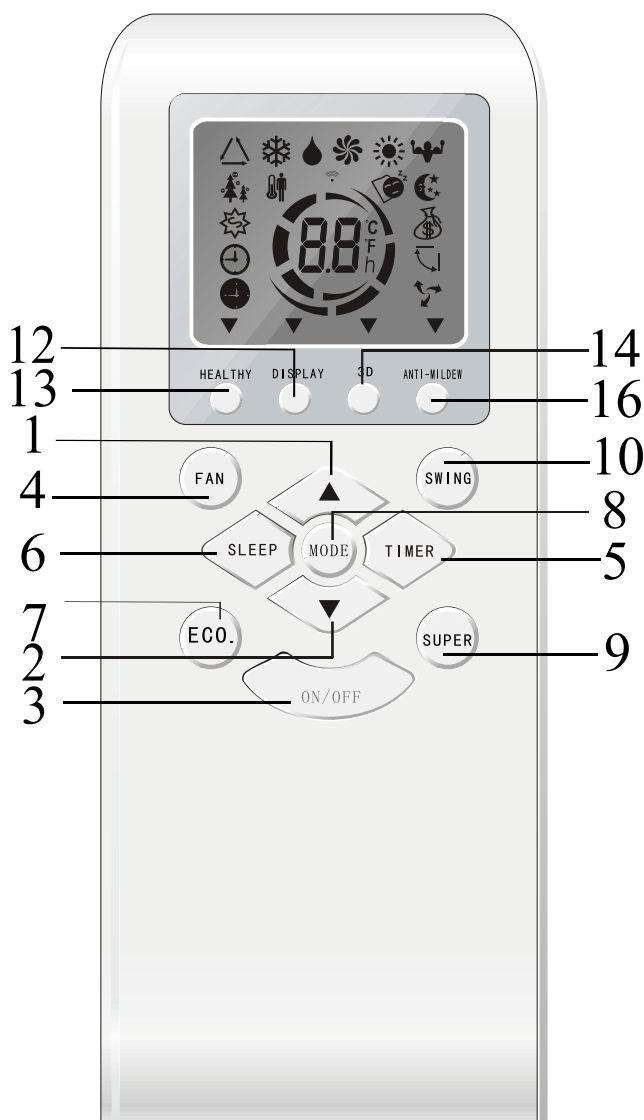
How to order spare parts

To have your order filled promptly and correctly, please furnish the following information:

1. Model No. with Indoor or Outdoor

2. No. in the Explosion View

3. Part Name

4. The quantity you ordered

Operation Details

Remote controller

① TEMP UP button
Increase the temperature or time by 1 unit.

② TEMP DOWN button
Decrease the temperature or time by 1 unit.

③ ON/OFF button
To switch the conditioner on and off.

④ FAN SPEED button
To select the fan speed of auto/low/mid/high.

⑤ TIMER button
To set automatic switching-on/off.

⑥ SLEEP button
To activate the function "SLEEP".

⑦ ECO button
In cooling mode,press this button ,the temperature will increase 2℃ on the base of setting temperature: In heating mode, press this button, the temperature will decrease 2℃ on the base of setting temperature.

⑧ MODE button
To select the mode of operation.

⑨ SUPER button
In cooling mode, press this button, the unit will give the maximum cooling temperature with 16℃ In heating mode, press this button, the unit will give the maximum heating temperature with 31℃.

⑩ SWING button
To activate or deactivate of the movement of the "DEFLECTORS".

⑫ DISPLAY button
To switch on/off the LED display (if present).

⑬ HEALTHY button
To switch - on /off HEALTHY funtion.It is a button which controls the ionizer or plasma generator only for inverter type.

⑭ RESET button
This button is useless for wall-mounted type. When you press "3D", the horizontal and vertical vanes will swing together at the same time.

⑯ ANTI MILDEW button
To activate the function ANTI-MILDEW.

Note: Each mode and relevant function will be further specified in following pages.

Remote Control
The remote controller is not presetting as Cooling Only Air Conditioner or Heat Pump by manufacturer.
Each time after the remote controller replace batteries or is energized, the arrowhead will flashes on the front of "Heat" or "Cool" on LCD of the remote controller.
User can preset the remote controller type depending on the air conditioner type you have purchased as follows:
Press any button when the arrowhead flashes on the front of "Cool", Cooling Only is set.
Press any button when the arrowhead flashes on the front of " Heat", Heat Pump is set.
If you don't press any button within 10 seconds, the remote controller is preset as Heat Pump automatically.

Note :
If the air conditioner you purchased is a Cooling Only one, but you preset the remote controller as Heat Pump, it doesn't bring any matter. But if the air conditioner you purchased is a Heat Pump one, and you preset the remote controller as Cooling Only, then you CAN NOT preset the Heating operation with the remote controller.

Electronic Controller

1. **Safety Protection**
    (1) Time Delay for Safety protection
        ● 3 minutes delay for compressor ---The compressor is ceased for 3minutes before restarting to balance the pressure in the refrigeration cycle in order to protect the compressor.
        ● 2 minutes delay for 4-way valve---The 4-way valve will be ceased for 2 minutes late after compressor to prevent the refrigerant-gas abnormal noise when the HEATING operation is OFF or switch to the other operation mode.
    (2) Discharge temperature protection
        There is a temperature sensor on top of compressor, when temperature on top of compressor exceeded the limit, system control will shut down the compressor and the display board will show the error code.
    (3) lower voltage protection
        When AC voltage ≤158V and keep it for 10 seconds, unit will be shut down for protection.
    (4) Over voltage protection
        When AC voltage ≥260V, unit will be shut down and recover while AC≤255V.
    (5) Over current protection
        When the current of outdoor unit is overload, controller shut down the unit immediately and show error code.
    (6) Compressor abnormity protection
        When compressor start on or in the process of running, if there is no feedback to controller or load of compressor is abnormity, the air conditioner will shut down, and show error code.
    (7) **IPM** module protection
        IPM module has high temperature & over current protection itself, if there is signal feedback to IPM, the outdoor unit will shut down, LED on outdoor PCB will show the error code.

2. **"I Feel" Mode Operation**
    (1) When the "I Feel" mode is selected, the operation mode and initial temperature set are determined by the initial room temperature at start-up of the operation except to turn off the air conditioner and operates it again.
    (2) If the mode is change to "I Feel" from other mode, the "I Feel" mode doesn't operate until compressor stop for more than 3 minutes.

Mode	Initial Room Temperature	Initial Set Temperature
COOLING	RT≥26℃	23℃
DRY	26℃＞RT≥20℃	RT-2℃
HEATING for Heat Pump FAN for Cooling Only	RT＜20℃	-

    ● In the "I Feel" mode, when the controller receives the up or down signal of temperature, the set temperature can adjust by 1℃ upper or lower. The biggest you can adjust by 2℃ upper or lower.

3. **"COOLING" Mode Operation**

(1) Compressor frequency control

According to difference room temperature and set temperature(δ **t = RT-ST**), running frequency of compressor is controlled by electronic controller. When room temperature is much higher than set temperature, compressor will start at a high frequency, and as room temperature goes down, compressor running frequency will go down. When room temperature is lower than set temperature, compressor will run at very low frequency. In general, unit will change its running frequency according to δ t to make room temperature closing to set temperature.

(2) Outdoor temperature affects running frequency of compressor

Outdoor temperature affect compressor's running frequency. Difference inlet temperature of outdoor unit is adapted by difference compressor running frequency. While outdoor temperature is about 30℃, the compressor will run in high frequency.

If unit run in "cooling" mode and outdoor temperature is less than -1℃, controller will shut down compressor and show error code, while the ambient temperature is over 0℃, the compressor will run automatically.

(3) Auto fan control in cooling mode

In cooling mode (include cooling in "I feel" mode), fan speed is determined by δ t, as the following diagram:
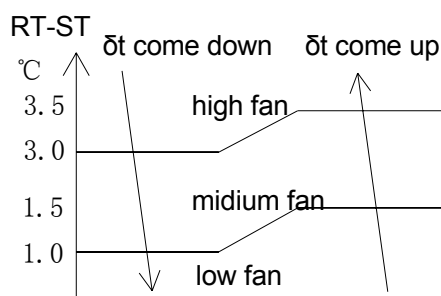
4. "DRY" Mode Operation
(1) The system for DRY operation used the same refrigerant circle as the cooling one.
(2) When the system operates in DRY mode, at first it operates in cooling mode at 16℃ or 18℃ for 3 minutes. After that, the system will operate in cooling mode with lowest fan speed, meanwhile the set temperature (**ST**) is "RT-2℃" which means that the ST is room temperature at then minus 2. During the course of this mode, the fan speed set operation and room temperature set are restricted, except the vane motor adjusting.

**5. "HEATING" Mode Operation (available for Heat Pump only)**
(1) Frequency control

The same as the frequency control in cooing mode, running frequency of compressor is controlled by controller. Unit change its running frequency according to δ t to make room temperature closing to the set temperature.
(2) Indoor fan motor control
    1. Cold Air Prevention Control
    ● The function is intended to prevent cold air from being discharged when the heating operation starts or when defrosting.
    ● The indoor fan speed will be controlled as following.
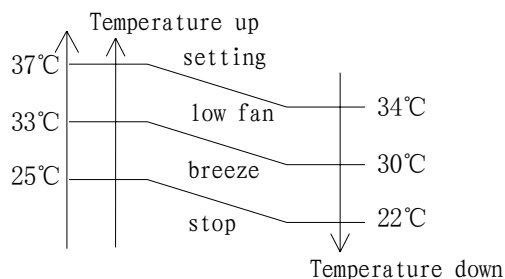
- In the heating operation, if the air conditioner is turned off, the indoor fan motor will run most for 30 seconds since the stop of compressor.

2. Auto fan control (heating)

In heating mode(include in "I feel" mode) , fan speed is determined by δ **t**, as the following:
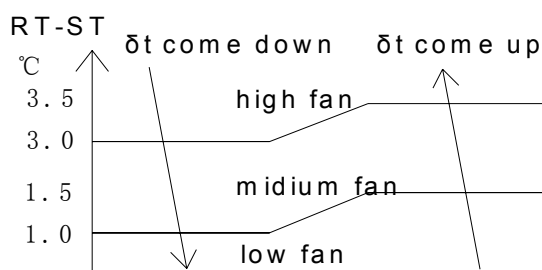
(3) 4-way valve control

In heating mode, 4-way valve will power on ahead of compressor for 5 seconds, and cut off for 2 minutes later than compressor's stop. 4-way valve will not power off unless the machine is switched off, mode changed or on the process of defrosting.
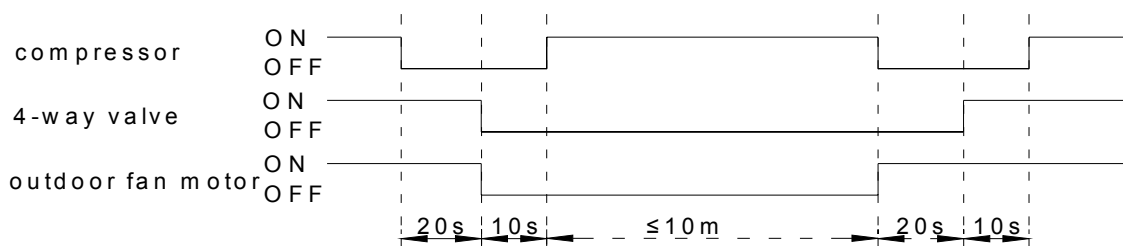
(4) Defrosting

Defrosting is controlled by the microprocessor.

When one of the following conditions is satisfied, unit will come into defrosting:

a. Outdoor heat exchanger Temperature (OPT) is continuously less than 3℃ while the unit runs for more than 40 minutes, and OPT is keeping under -6℃ for more than 3 minutes.

b. Outdoor heat exchanger Temperature (OPT) is continuously less than 3℃ meanwhile the unit runs for more than 80 minutes, and OPT is keeping under -4℃ for more than 3 minutes.

c. Outdoor heat exchanger Temperature (OPT) is continuously less than 3℃ while the unit runs for more than 120 minutes, and OPT is keeping below -2℃ for more than 3 minutes.

Before the air con come into defrosting, compressor running frequency drop down to a lower frequency firstly, then the compressor shuts down.

In defrosting, the max. frequency of compressor is F9 (a little less than the highest frequency). In this period all protection function are avaliable.

In defrosting, LED showing by winking.

Come into or out of defrosting, indoor fan motor speed is the same as Cold Air Prevention Control.

One of the following conditions is satisfied, unit come out of defrosting and shift to heating mode:

      a. Outdoor coil Temperature (OPT) ≥15℃

      b. Defrost time keep time for more than 10 minutes.

(5) Indoor exchanger overheat protection

  When Indoor exchanger Temperature(IPT) is higher than 55℃, unit come into indoor exchanger overheat protection. Compressor drop its frequency toward to F1 level until IPT≤52℃; If IPT≤52℃ and keep for 5 minutes , control system don't limit running frequency.

  If IPT>62℃, control system shut down compressor, and recover when IPT drop less than 50℃.

6. "SLEEP" mode

When the SLEEP button is pressed, the SLEEP mode is selected as following:

- The indoor fan speed is set at low speed, the power lamp and the sleep lamp is on, the display of temperature will be close after 5 minutes.
- When selecting COOLING/DRY operation with SLEEP mode, the set temperature will be raised by 1℃ 1 hour later and by 2℃ 2 hour later.
- When selecting HEATING operation with SLEEP mode, the set temperature will be dropped by 1℃ 1 hour later and 2℃ 2hour later.
- After the System operates in SLEEP mode for 8 hours, it will stop automatically.

7. EMERGENCY Operation

When the EMERGENCY Operation switch is pressed once, COOLING mode is selected and if in 3 seconds the EMERGENCY Operation switch is pressed again, mode is selected. Then pressed once again, the unit is switch off.

When the remote controller is missing, has failed or the batteries run down, press the EMERGENCY Operation switch on the front of the indoor unit. The unit will start.

The first 30 minutes of operation will be the test run operation. The operation is for servicing. The indoor fan runs at high speed and the system is in continuous operation. The thermostat is ON and the timer is reset to normal.

After 30 minutes of test run operation the system shifts to AUTO COOLING/HEATING mode, and the indoor fan runs in automatic speed. The operation continues unit the EMERGENCY operation switch is pressed or a button on the remote controller is pressed, the normal operation will start.

NOTE: Do not press the EMERGEMCY Operation switch during normal operation.

8. AUTO-RESTART Function (Option)

  1. When air conditioner is operating in one mode, all of its operation data, such as working mode and temperature of setup would be memorized into IC by main PCB. If power cuts due to

some reason, when power supply come back again, the AUTO-RESTART function will set synchronously and automatically to work. So the air conditioner would work at the same mode before.

Auto-restart Pre-setting (optional):

If Auto-restart function is needed, follow the steps below to activate this function:

1) Pulling the air-con's plug out of socket.

2) Pressing and holding the Emergency button (ON/OFF) on the indoor, then insert the plug into the socket again.

3) Keep pressing the Emergency button for more than 10 seconds until three short beeps are heard. The **Auto-restart** function has been started.

9. **Protection and Failure Display**

● When protection display is available, controller will show error code, digital LED shows error code and setting temperature by turns.

● If there is more than one failure, it will show at first that in front of the error list.

● Protection display function can be selected in hardware, and the default don't display;

● To insure of in and out communist is credibility, the failures relate to outdoor unit will remain failure state for 2 minutes max after recovered.

● In all failures, only sensor failures don't have to repower to cancel.

● **Error list**

Failure type	LED CODE	DIGITAL LED CODE
In and out communication failure	RUN、TIMER –both winking	E0
Outdoor communication failure	RUN、TIMER –both winking	EC
Outdoor sensor	RUN-1 time/8s	E1
Indoor coil temperature sensor	RUN-2 times /8s	E2
Outdoor coil temperature sensor	RUN-3 times /8s	E3
System abnormity	RUN-4 times /8s	E4
Type mismatch	RUN-5 times /8s	E5
Indoor fan motor	RUN-6 times /8s	E6
Outdoor temperature sensor	RUN-7 times /8s	E7
Discharge temperature sensor	RUN-8 times /8s	E8
Invert module abnormity	RUN-9 times /8s	E9
Outdoor fan motor（DC）	RUN-10 times /8s	EF
Current sensor	RUN－11 times /8s	EA
EEPROM failure	RUN-12 times /8s	EE
Top of compressor temperature switch	RUN-13 times /8s	EP
Voltage sensor	RUN-14 times /8s	EU

Protection display code list:

Protection type	LED CODE	DIGITAL LED CODE
higher or lower voltage	RUN-winking,TIMER-1 time/8s	P1
Over current	RUN- winking,TIMER-2 times /8s	P2
Discharge temperature	RUN- winking,TIMER-4 times /8s	P4
Over cooling in cooling mode	RUN-light,TIMER-5 times /8s	P5
Over heating in cooling mode	RUN- light,TIMER-6 times /8s	P6
Over heating in heating mode	RUN- light,TIMER-7 times /8s	P7
Outdoor temperature too high or low	RUN- light,TIMER-8 times /8s	P8
Drive protection(Overload)	RUN- winking,TIMER-9 times/8s	P9
Module self protection	RUN- winking,TIMER-10 times/8s	P0

● Outdoor failure display

   There is a LED on outdoor power board, when compressor is running; it is normally light; when no feedback of signal to power board from compressor, it will wink by lighting 1s and going out 1s.   If failures happened, it will light 0.5s, go out 0.5s, winking several times and go out 3s for a cycle to indicate failures.   The failure list is the follow:

| Wink time	Failure
1	IPM protection
2	higher or lower voltage
3	Over current
4	Discharge temperature too high
5	Outdoor coil temperature too high
6	Drive abnormity
7	Communication abnormity with indoor unit
8	Compressor over heat（switch on top of compressor）
9	Outdoor air temperature sensor failure
10	Outdoor coil temperature sensor failure
11	Outdoor discharge pipe temperature sensor failure
12	Voltage sensor failure
13	Current sensor failure
14	IPM abnormity
15	Outdoor communication abnormity
16	DC fan motor no feedback
17	defrosting

WIRING DIAGRAM

MODEL: SSH-P076DC/SRH-P076DC, SSH-P096DC/SRH-P096DC
       SSH-P126DC/SRH-P126DC, SSH-P186DC/SRH-P186DC
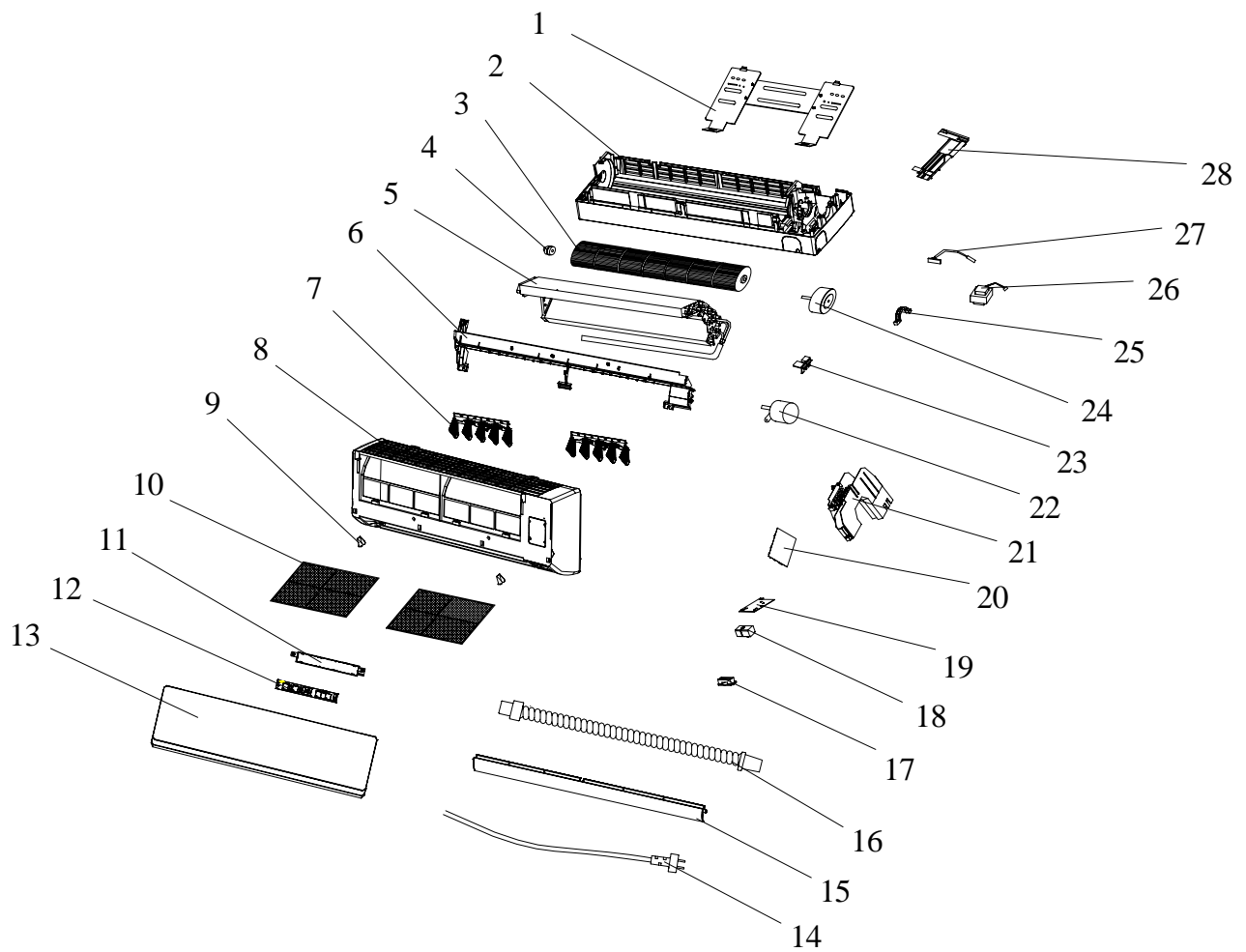
INDOOR UNIT:
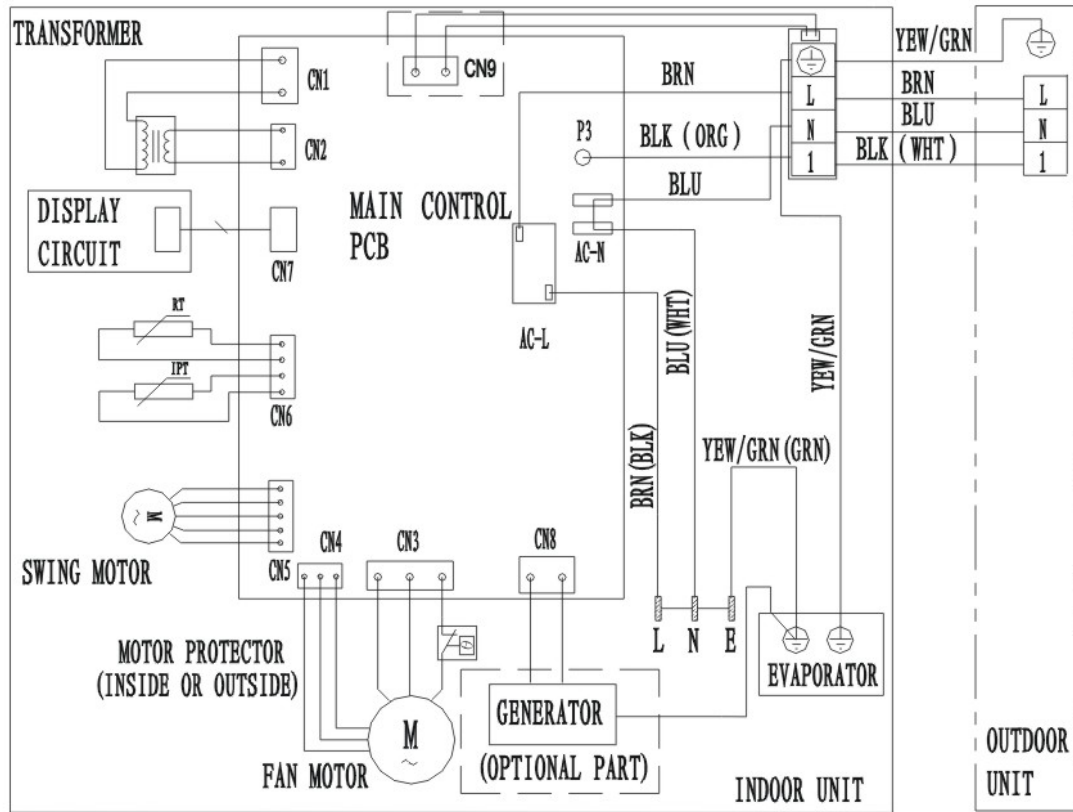
OUTDOOR UNIT
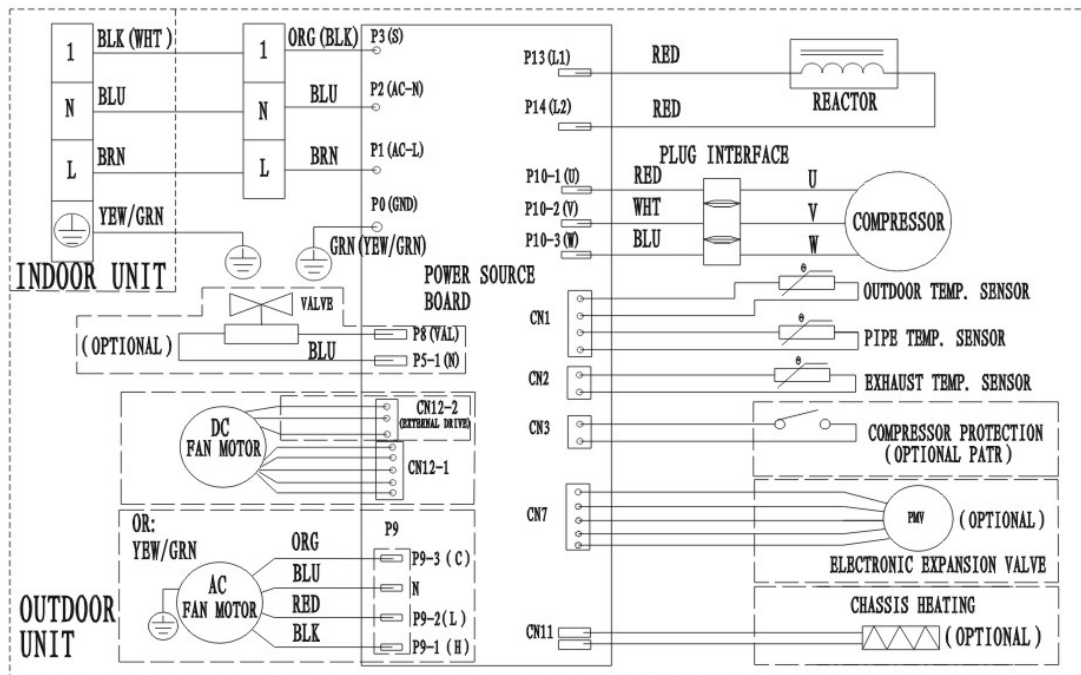
EXPLOSION VIEW

Mode: SSH-P076DC, SSH-P096DC, SSH-P126DC, SSH-P186DC
INDOOR UNIT:

INDOOR UNIT:SSH-P076DC

No.	Part No.	Part Name	Q'ty	Remark
1	1080030003	Installation plate	1	
2	1080320807AC	Base	1	
3	1070020017AA	indoor fan	1	
4	1070100010	Bearing Mount	1	
5	211230474	Evaporator	1	
6	1070251611AB	Water Drainage Assembly	1	
7	1070321035	Vertical Vane Assembly	2	
8	1070251372AE	Face frame	1	
9	1070321022AC	Screw cover	2	
10	1070250106	Air filter	2	
11	1070252211	Display PCB Box	1	
12	1090321196	Display PCB	1	
13	210706140	Front Panel	1	
14	1170120044	Power supply cord	1	
15	1070251837AE	vane	1	
16	1070110011	Drainage hose	1	
17	1070040004	Cable clamp	1	
18	1170200042	Terminal	1	
19	1070250109	Terminal fixing board	1	
20	210900001AE	main PCB	1	
21	1070320113	Electrical box	1	
22	1073010501	Sensor holder	1	
23	1170020011	vane motor	1	
24	1170030047	Indoor motor	1	
25	1070320111	Indoor motor cover	1	
26	1170240001	transformer	1	
27	1170230001	indoor sensor assembly	1	
28	1080320818AB	In And Out Pipe Fixer	1	
29	1090090001AL	Remote controller	1	Not shown in explosion view
30	1070060003	Remote controller supporter	1	
31	1190060827ACM	Indoor cartoon	1	
32	211310246	Left foaming	1	
33	211310247	Right foaming	1	

INDOOR UNIT:SSH-P096DC

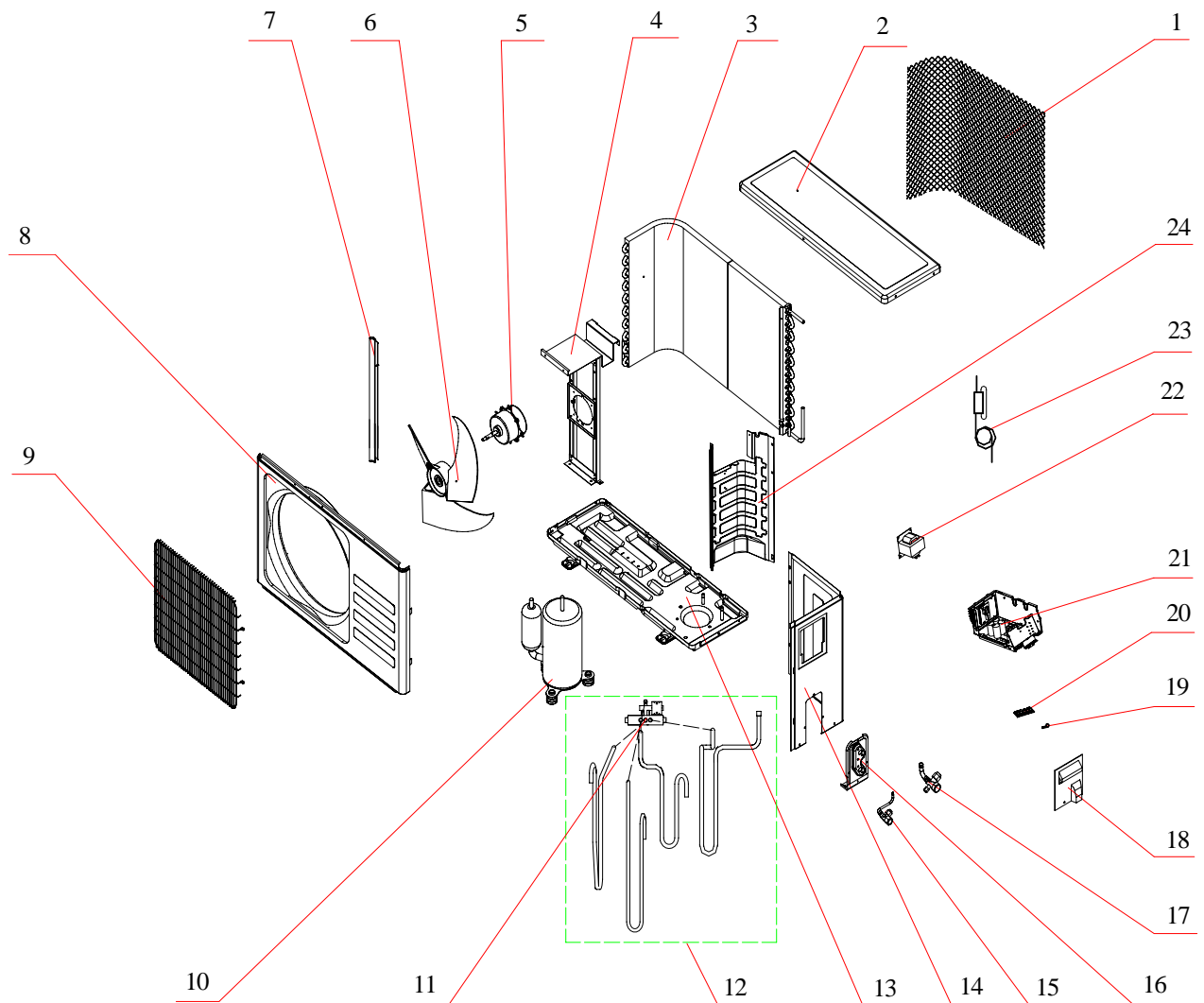| No.	Part No.	Part Name	Q'ty	Remark
1	1080030003	Installation plate	1	
2	1080320807AC	Base	1	
3	1070020017AA	indoor fan	1	
4	1070100010	Bearing Mount	1	
5	211230474	Evaporator	1	
6	1070251611AB	Water Drainage Assembly	1	
7	1070321035	Vertical Vane Assembly	2	
8	1070251372AE	Face frame	1	
9	1070321022AC	Screw cover	2	
10	1070250106	Air filter	2	
11	1070252211	Display PCB Box	1	
12	1090321196	Display PCB	1	
13	210706140	Front Panel	1	
14	1170120044	Power supply cord	1	
15	1070251837AE	vane	1	
16	1070110011	Drainage hose	1	
17	1070040004	Cable clamp	1	
18	1170200042	Terminal	1	
19	1070250109	Terminal fixing board	1	
20	210900001AE	main PCB	1	
21	1070320113	Electrical box	1	
22	1073010501	Sensor holder	1	
23	1170020011	vane motor	1	
24	1170030047	Indoor motor	1	
25	1070320111	Indoor motor cover	1	
26	1170240001	transformer	1	
27	1170230001	indoor sensor assembly	1	
28	1080320818AB	In And Out Pipe Fixer	1	
29	1090090001AL	Remote controller	1	Not shown in explosion view
30	1070060003	Remote controller supporter	1	
31	1190060827ACN	Indoor cartoon	1	
32	211310246	Left foaming	1	
33	211310247	Right foaming	1	

Model:SSH-P126DC

No.	Part No.	Part Name	Q'ty	Remark
1	1080030008	Installation plate	1	
2	1080320806AC	Base	1	
3	1070020026AA	indoor fan	1	
4	1070100010	Bearing Mount	1	
5	211205800	Evaporator	1	
6	1070321572AC	Water Drainage Assembly	1	
7	1070321035	Vertical Vane Assembly	2	
8	1070321678AE	Face frame	1	
9	1070321022AC	Screw cover	2	
10	1070320109	Air filter	2	
11	1070252211	Display PCB box	1	
12	1090321196	Display PCB	1	
13	210706141	Panel	1	
14	1170120045	Power supply cord	1	
15	1070321034AE	Vane	1	
16	1070110011	Drainage hose	1	
17	1070040004	Cable clamp	1	
18	1170200042	Terminal	1	
19	1070250109	Terminal fixing board	1	
20	210900001AF	main PCB	1	
21	1070320113	Electrical box	1	
22	1170020011	Vane motor	1	
23	1073010501	Sensor holder	1	
24	1170030067	Indoor motor	1	
25	1070320111	Indoor motor cover	1	
26	1170240001	Transformer	1	
27	1170230001	indoor sensor assembly	1	
28	1080320818AB	In And Out Pipe Fixer	1	
29	1090090001AL	Remote controller	1	Not shown in explosion view
30	1070060003	Remote controller supporter	1	
31	1190060828BKU	Indoor cartoon	1	
32	211310246	Left foaming	1	
33	211310247	Right foaming	1	

Indoor Unit- SSH-P186DC

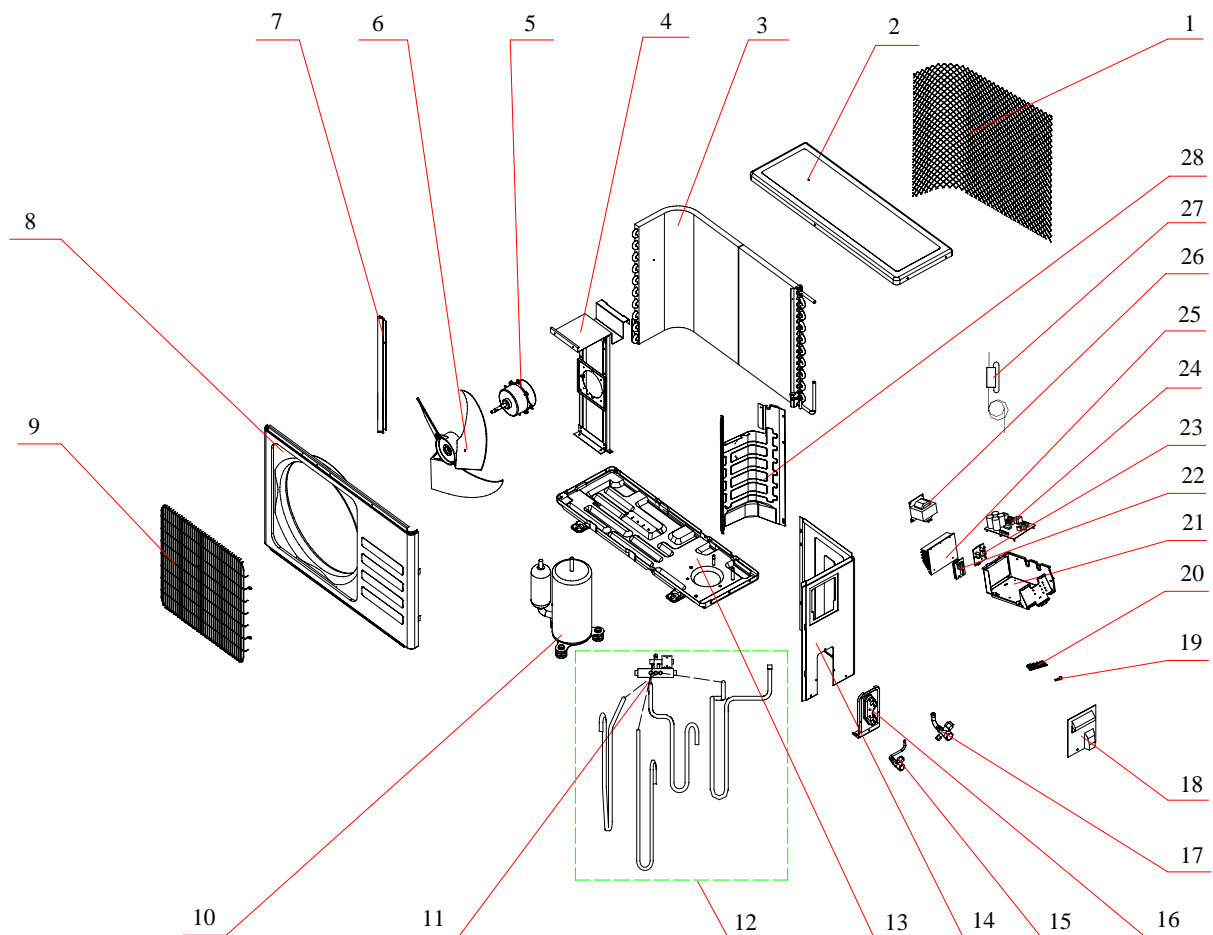| No.	Part No.	Part Name	Q'ty	Remark
1	1080030021	Installation Plate	1	
2	1070350872AD	Base	1	
3	1070020024AA	Cross Fan	1	
4	1070100010	Bearing Mount	1	
5	211205865	Evaporator	1	
6	1070450385AR	Water Drainage Assembly	1	
7	1070350141	Vertical Vane Assembly	1	
8	1070450900AG	Face Frame	1	
9	1070350135AF	Screw Cover	3	
10	1070450397	Air Filter	1	
11	1070252211	Display PCB Box	1	
12	1090321196	Display PCB	1	
13	210706142	Front Panel	1	
14	1170120045	Power Supply Cord	1	
15	1070450387AP	Vane	1	
16	1070110011	Drainage Hose	1	
17	1070040004	Cable Clamp	1	
18	1170200042	Terminal	1	
19	210800637	Terminal fixing board	1	
18	210900001AM	Main PCB	1	
19	1070451080	Electrical Box	1	
20	1170020041	Vane Motor	2	
21	1073030201	Sensor Holder	1	
22	1170030065	Indoor Motor	1	
23	1070350152	Indoor Motor Cover	1	
24	1170240001	Transformer	1	
25	1170230001	Indoor Sensor Assembly	1	
26	1070350245AD	In And Out Pipe Fixer	1	
27	1090090001AL	Remote Controller	1	Not shown in Explosion view
28	1070060003	Remote Controller Supporter	1	
29	1190470001BJL	Indoor Carton	1	
30	1190060803	Left Foaming	1	
31	1190060804	Right Foaming	1	
32	211310757	Middle Pasteboard Supporter	1	

EXPLOSION VIEW

Mode: SRH-P076DC, SRH-P096DC, SRH-P126DC
OUTDOOR UNIT:

EXPLOSION VIEW

Mode: SRH-P186DC
OUTDOOR UNIT:

OUTDOOR UNIT
Model:SRH-P076DC

No.	Part No.	Part Name	Q'ty	Remark
1	1071990039	Grille	1	
2	1080320105	Top cover	1	
3	211202308A	Condenser	1	
4	1080050004	Outdoor motor supporter	1	
5	1170040058	Outdoor motor	1	
6	1070030050AA	Propeller fan	1	
7	1080050001	Left grille supporter	2	
8	1080320113	Front plate	2	
9	1080320112	Fan guard	1	
10	211206855	Compressor and accessories	1	
11	1120110016	4-way valve	1	
12	211206864	4-way valve assembly	1	
13	210800466	Base	1	
14	1080050002	Right plate	1	
15	1120120021	Two-way valve	1	
16	1080050003	Valve supporter	1	
17	1120130083	Three-way valve	1	
18	1070350971	Electrical box cover	1	
19	1070040008	Cable clamp	1	
20	1170200061	Terminal	1	
21	210900958	Outdoor PCB assembly	1	
22	1160100002	Inductor	1	
23	211206873	Capillary assembly	1	
24	1081990328	Partition plate	1	
25	1170230007A	Pipe Temp. sensor and outdoor Temp. sensor	1	
26	1170230006A	Discharge Temp. sensor	1	
27	211311435	Base carton	1	Not shown in explosion view
28	211311098FM	Cabinet carton	1	
29	211311099	Base foaming	1	
30	211311100	Cover foaming	1	

OUTDOOR UNIT
Model:SRH-P096DC

No.	Part No.	Part Name	Q'ty	Remark
1	1071990039	Grille	1	
2	1080320105	Top cover	1	
3	211202308A	Condenser	1	
4	1080050004	Outdoor motor supporter	1	
5	1170040058	Outdoor motor	1	
6	1070030050AA	Propeller fan	1	
7	1080050001	Left grille supporter	2	
8	1080320113	Front plate	2	
9	1080320112	Fan guard	1	
10	211206855	Compressor and accessories	1	
11	1120110016	4-way valve	1	
12	211206864	4-way valve assembly	1	
13	210800466	Base	1	
14	1080050002	Right plate	1	
15	1120120021	Two-way valve	1	
16	1080050003	Valve supporter	1	
17	1120130083	Three-way valve	1	
18	1070350971	Electrical box cover	1	
19	1070040008	Cable clamp	1	
20	1170200061	Terminal	1	
21	210900958	Outdoor PCB assembly	1	
22	1160100002	Inductor	1	
23	211206873	Capillary assembly	1	
24	1081990328	Partition plate	1	
25	1170230007A	Pipe Temp. sensor and outdoor Temp. sensor	1	
26	1170230006A	Discharge Temp. sensor	1	
27	211311435	Base carton	1	Not shown in explosion view
28	211311098FN	Cabinet carton	1	
29	211311099	Base foaming	1	
30	211311100	Cover foaming	1	

OUTDOOR UNIT
Model:SRH-P126DC

No.	Part No.	Part Name	Q'ty	Remark
1	1071990039	Grille	1	
2	1080320105	Top cover	1	
3	211230380	Condenser	1	
4	1080050004	Outdoor motor supporter	1	
5	1170040058	Outdoor motor	1	
6	1070030050AA	Propeller fan	1	
7	1080050001	Left grille supporter	2	
8	1080320113	Front plate	2	
9	1080320112	Fan guard	1	
10	211206855	Compressor and accessories	1	
11	1120110016	4-way valve	1	
12	211206864	4-way valve assembly	1	
13	210800466	Base	1	
14	1080050002	Right plate	1	
15	1120120021	Two-way valve	1	
16	1080050003	Valve supporter	1	
17	1120130083	Three-way valve	1	
18	1070350971	Electrical box cover	1	
19	1070040008	Cable clamp	1	
20	1170200061	Terminal	1	
21	210900990	Outdoor PCB assembly	1	
22	1160100002	Inductor	1	
23	211204787	Capillary assembly	1	
24	1081990328	Partition plate	1	
25	1170230007A	Pipe Temp. sensor and outdoor Temp. sensor	1	
26	1170230006A	Discharge Temp. sensor	1	
27	211311435	Base carton	1	Not shown in explosion view
28	211311098FP	Cabinet carton	1	
29	211311099	Base foaming	1	
30	211311100	Cover foaming	1	

Model:SRH-P186DC

No.	Part No.	Part Name	Q'ty	Remark
1	1083520101	Grille	1	
2	1081990056	Top Cover	1	
3	214115531	Condenser	1	
4	1081990060	Outdoor Motor Supporter	1	
5	1170040118	Outdoor Motor	1	
6	1070030028	Propeller Fan	1	
7	1081990053	Left Grille Supporter	1	
8	1081990058	Front Plate	1	
9	1081990059	Fan Guard	1	
10	1100060147	Compressor And It Accessories	1	
11	1120500226	4-way Valve	1	
12	1120520680	4-way Valve Assembly	1	
13	210800571	Base	1	
14	1081990054	Right Plate	1	
15	1120120021	Two-way Valve	1	
16	1081990055	Valve Supporter	1	
17	1120130032	Three-way Valve	1	
18	1070350971	Electrical Box Cover	1	
19	1070040008	Cable Clamp(ϕ 10)	1	
20	1170200061	Terminal	1	
21	1080520142	Electrical Parts Box	1	
22	1090320295	PFC Board	1	
23	1090520620	Inverter module	1	
24	1090520619	Power source board	1	
25	1170330004	Radiator	1	
26	1170190002	Inductor	1	
27	1120520685	Capillary assembly	1	
28	1081990095	Partition plate	1	
29	1170230007	Pipe Temp. sensor and outdoor Temp. sensor	1	Not shown in explosion view
30	1170230006	Discharge Temp. sensor	1	
31	211312854	Base Carton	1	
32	211312855CZ	Cabinet Carton	1	
33	211312852	Base Foaming	1	
34	211312851	Cover Forming	1	