

# YORK

WALL MOUNTED SPLIT-TYPE AIR CONDITIONERS

## SERVICE MANUAL

No.TE140414

### Models

**YZHFXH009BAMA-FX/YZHFYH009BAMAA-X**  
**YZHFXH012BAMA-FX/YZHFYH012BAMAA-X**  
**YZHFXH018BAMA-FX/YZHFYH018BAMAA-X**  
**YZHFXH024BAMA-FX/YZHFYH024BAMAA-X**



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## **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.

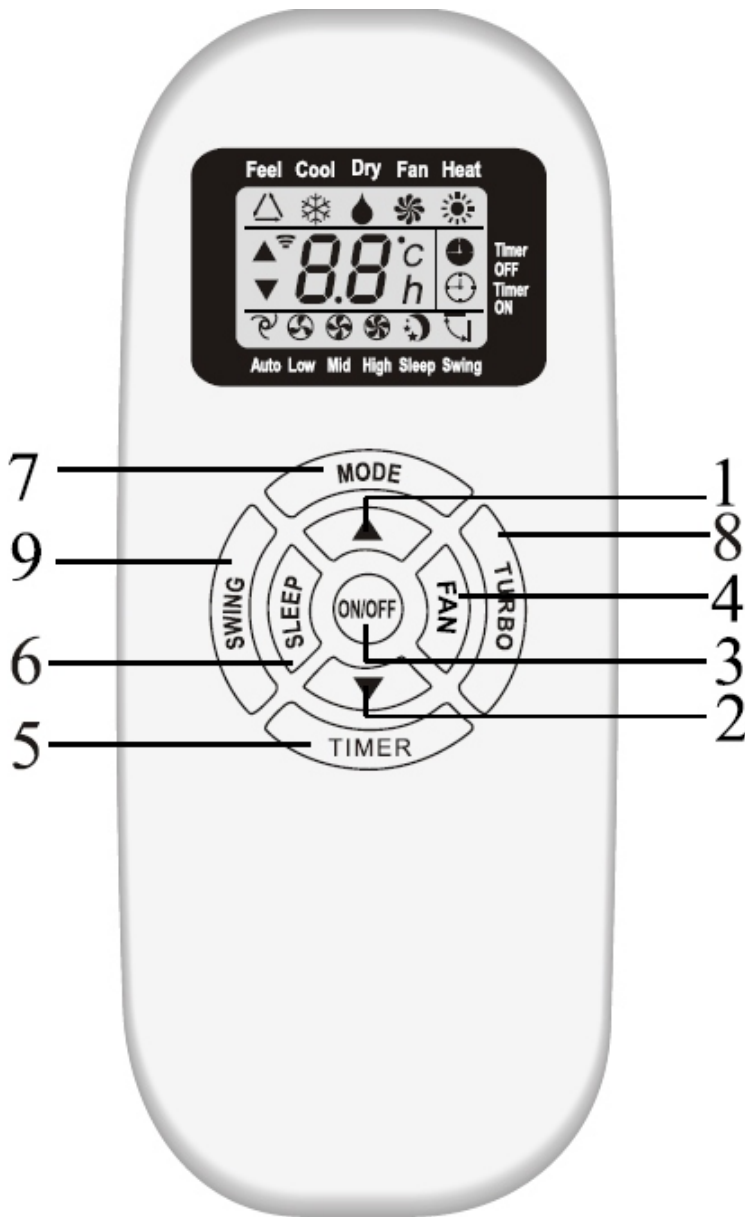
### **How to order spare parts**

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 MODE button**  
To select the mode of operation.
- 8 TURBO**  
In cooling mode, press this button, the unit will give the maximum cooling temperature with 16°C.  
In heating mode, press this button, the unit will give the maximum heating temperature with 31°C.
- 9 SWING button**  
To activate or deactivate of the movement of the "DEFLECTORS".

**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. Automatic mode**

1) Initial RT determines the working mode and ST, the mode is determined effective only once unless A/C shut-down then re-started. If from other modes switches to autoamatic mode (including mode conversion after shutdown), it should be that the compress stop more than 3 min then temperature judgement and automatic mode are conducted (it can conduct immediately from fan mode switched to automatic, the indoor fan stops, three minutes later the response is made and start up). Within 3 min, the output as: Showing the room temperature, indoor fans starts (or anti-cold airflow), the outdoor fan stops;

2) With memory controller, once being turned off or in case of an accidently power cut, the A/C is able to retain and restore the original mode when being turned on or the power supply is resumed, if the auto restart function activated. power-down after power-on; while if the auto restart fundction isn't activated, the A/C enters standby state.

Heat pump

Mode	Initial RT	Initial ST
Cooling	$RT \geq 26^{\circ}\text{C}$	$23^{\circ}\text{C}$
Dehumifying	$26^{\circ}\text{C} > RT \geq 20^{\circ}\text{C}$	$18^{\circ}\text{C}$
Heating	$RT < 20^{\circ}\text{C}$	$23^{\circ}\text{C}$

Cooling-only

Mode	Initial RT	Initial ST
Cooling	$RT \geq 26^{\circ}\text{C}$	$23^{\circ}\text{C}$
Dehumifying	$26^{\circ}\text{C} > RT \geq 20^{\circ}\text{C}$	$18^{\circ}\text{C}$
Ventilating	$RT < 20^{\circ}\text{C}$	—

Under automatic mode (including from automatic converted into dehumidifying Dry mode), when the temperature up and down signals from the remote controller is received, the setting temperature ST adjusts correspondingly to the current room temperature plus or minus  $1^{\circ}\text{C}$ , the automatic regulating temperature range is  $\pm 2^{\circ}\text{C}$ .

**2. Cooling mode**

1) The control of the compressor

- When  $RT - ST \geq 1^{\circ}\text{C}$ , the compressor is running.
- When  $RT - ST < -1^{\circ}\text{C}$ , the compressor is off.
- When  $-1^{\circ}\text{C} \leq RT - ST < 1^{\circ}\text{C}$ , the compressor keeps its original state.

2) Outdoor fan motor and the compressor run simultaneously (except for defrosting).

3) The control of indoor fan motor:

- Indoor fan motor can operate by automatic, low, middle, and high airflow speed circularly.
- Indoor fan motor's the automatic airflow speed control Indoor fan motor can operate by automatic, as shown in Figure 1:

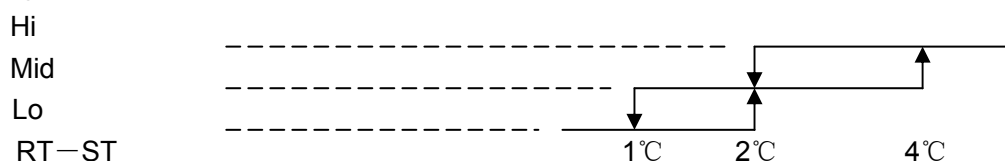


Figure 1 Cooling automatic airflow

When the temperature changes lead to changes in airflow speed, the switch can only be made orderly, and every grade of air flow speed runs 1 minute at least.

### 3, Dry mode

running into this mode, the Air cond. firstly operates for 3 minutes according to cooling mode (set temperature is 16°C or 18°C), and then takes the detected backflow air temperature minus 2°C as a new set temperature (the minimum value of 16°C) and runs according to cooling mode, indoor fan operates at low-speed, at this moment the setting operation of Fan speed is invalid but Swing is adjustable.

### 4. Heating mode

On the Heating mode, the room temperature is repaired. After repaired, the room temperature display on the LED CRT=RT-3°C.

#### 1) The control of the compressor

- When  $ST - CRT \geq 1^\circ\text{C}$ , the compressor is running.
- When  $ST - CRT < -1^\circ\text{C}$ , the compressor is off.
- When  $-1^\circ\text{C} \leq ST - CRT < 1^\circ\text{C}$ , the compressor keeps its original state

#### 2) Outdoor fan motor and the compressor run simultaneously (except for defrosting)

#### 3) The control of indoor fan motor:

- Indoor fan motor can operate by automatic, low, middle, and high airflow speed circularly.
- indoor fan motor's the automatic airflow speed control Indoor fan motor can operate by automatic, as shown in Figure 2:

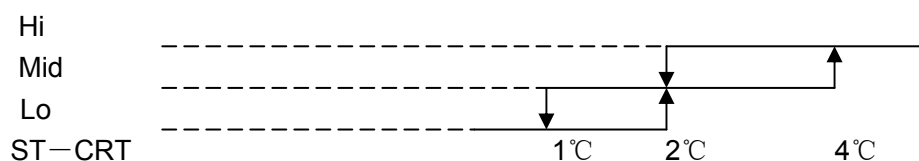


Figure 2 Heating automatic airflow

When the temperature changes lead to changes in airflow speed, the switch can only be made orderly, and every grade of air flow speed runs 1 minute at least.

#### 4) Vane motor control: run as set state.

#### 5) 4-way valve control:

- Under heating mode, the four-way valve maintains well-connected status (including the compressor stops on set condition, but except for the defrosting process)
- When the mode switches into the heating mode or start-up, four-way valves will open 5 Seconds before the compressor starts; while the mode exits from the heating mode or turn off, the four-way valve will close 2min after after the shut-down the compressor.

#### 6) Defrosting function:

During defrosting, once mode switch, temperature setting signals received, and the buzzer and display make response immediately, but the other operations won't implemented until defrosting finished;

During defrosting, the signals of on-off, timing, sleep, airflow speed and swing will be responded, but the airflow speed and swing should be in accordance with anti-cold air rules.

Except the above signal processing during defrosting, no other signals will be dealt with, but only a loud buzz.

During defrosting, electrical heating stops compulsively.

Defrosting enter and exit program:

Option 1: with jumper JC

The condition of enter defrosting: run into defrosting once any of condition 1, 2, and 3 met.

Condition 1: As shown in figure 3

Defination:

The followings are all required to meet:

- $IPT1$  settles for  $IPT1 = IPT_{max} - \Delta IPT$  ( $8^{\circ}\text{C}$ )
- $t5 \geq 50\text{min}$  (running time  $t5 \geq 50\text{min}$  (the compressor runs cumulatively) ,  $t5$  is removable, and could be less than  $t1$ )
- $IPT < 40^{\circ}\text{C}$ , and lasts 2min.

Running into defrosting on condition 1, the first running time of set defrosting is F (8min); after running a defrosting cycle, the defrosting time should be determined and adjusted.

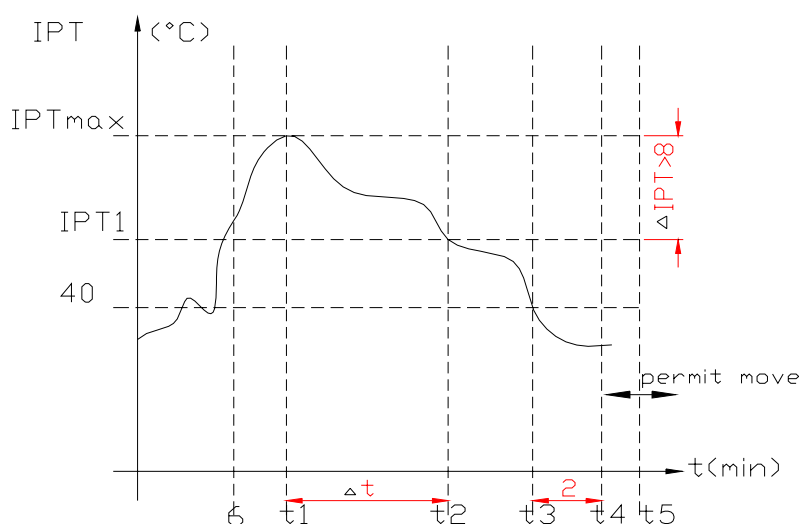


Figure 3

Condition 2: When running time is more than or equal to 120 min (compressor is running accumulatively), the indoor temperature is less than  $35^{\circ}\text{C}$  for 2 min sustained. Running into defrosting under condition 2, defrosting time set is 8 min.

Condition 3: after the compressor is operating for 20min continuously, the indoor temperature is less than  $23^{\circ}\text{C}$  which is anti-cold wind temperature when the fan stops running(including temperature dropping when compressor operating, not including the compressor's starting course), and the machine runs into defrosting according to any one condiciton as below) Running into defrosting under condition 3, defrosting time set is 10 min.

- Running into the first defrosting in 20 min after start-up.
- The interval from last defrosting equivalent to or more than 50 min (stopping the compressor or the machine in standby is allowed in the meantime).

Option 2: No Jumper JC, and no OPT outdoor sensor

when the compressor runs for 45 min, if the indoor coil temperature is less than  $40^{\circ}\text{C}$  for 2 min, the machine runs into defrosting, and lasts for 3min, otherwise when the compressor runs for 120 min, the machine runs into defrosting automatically and last for 10 min.

Option 3: No jumper JC, but with OPT outdoor sensor

When heating, when the temperature of outdoor unit under heat-exchange is lower than  $E^{\circ}\text{C}$  ( $-4^{\circ}\text{C}$ ), and the compressor runs for 45 min, then the machine runs into defrosting and last for 10 min.

Option 4. When heating, when the outdoor fan motor stopped but the compressor not stopped accumulative total 30min, then the machine runs into defrosting and last for 8 min. if the accumulative total less than 30min, but accord with one of the condition option 1-3 them the machine runs into defrosting at the option 1-3 and the accumulative total time restarts from 0.

Conditions for quitting defrosting

(1) The quitting conditions for option 1 and option 2, the machine quits from defrosting if any one below condition met.

a. Defrosting time is over.

b. When it runs in defrosting for three minutes, the IPT indoor coil temperature rises 15 ° C or above from the bottom point.

(2) The quitting conditions for option 3.

When  $OPT \geq 20^{\circ}\text{C}$  or defrosting for more than 10 min, then quit from defrosting.

(3) Defrosting process shown in Figure 4

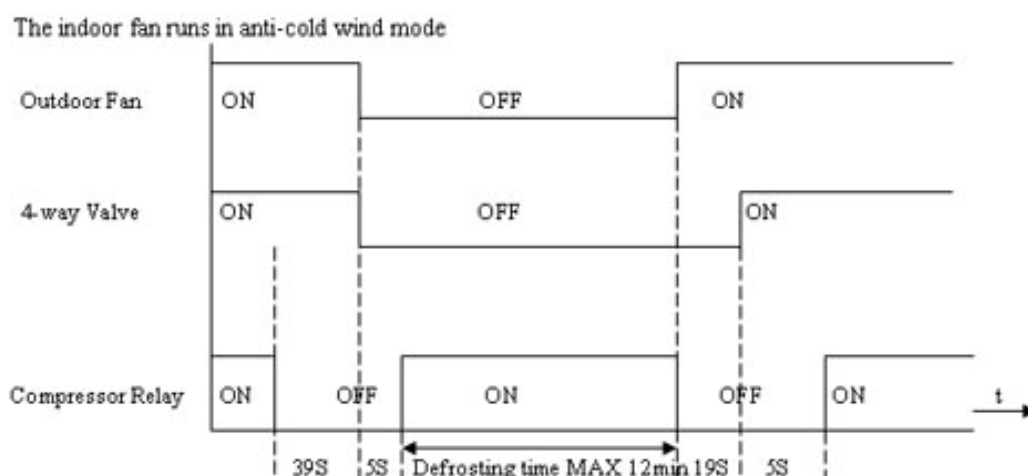


Figure 4 Defrosting process

7) Auxiliary Electric heating function

(1) The default condition is automatic on/off the electric heating function.

(2) The conditions of auxiliary electric heating(all the following conditions must be met)

a. the compressor runs for more than 3min;

b. indoor fan runs normally;

c. not in defrosting state;

d. auxiliary electric heating is turned off for more than 30s.

e.  $ST-RT \geq 3^{\circ}\text{C}$ ;

f.  $RT < 22^{\circ}\text{C}$ ;

g.  $IPT \leq 43^{\circ}\text{C}$ ;

(3) The conditions of stopping auxiliary electric heating(any one of the following conditions met, the state stops)

a. the compressor stops

b.  $RT \geq 24^{\circ}\text{C}$ ;

c.  $IPT \geq 48^{\circ}\text{C}$

d. indoor fan stops.

e. running into sleeping function

## 5. Fan mode

1) Indoor fan motor control:

indoor fan motor is running at setting speed (the speed is same as that of heating).

2) Vane motor control: running according to the setting.

3) The outdoor unit is not working under fan mode.

#### **6. Sleeping mode**

1) Under sleep mode, the indoor fan motor is running at a low-airflow speed, except that the power light and sleep light are on, timer light is on/off according to the setting state, running light is off. LED is off after displaying 5min.

2) Temperature control:

(1) From cool mode to sleep mode, one hour later, the operates Temp.=ST+1, another one hour later, the operates Temp.=ST+2, after then unchanged.

(2) From heating mode to sleep mode, one hour later, the operates Temp.= ST-1, another one hour later, the operates Temp.=ST-2, after then unchanged.

3) the machine will automatically shut up after running 8 hours under sleep mode.

Timer on start-up and sleep mode are implemented at the same time, and the sleep mode can not be functioned.

#### **7. Timing fuction**

The timing scale is between 10min to 24h, when the time fixed is less than "10" hours, the displayed time is shown by 0.5 hour as the unit, when the time fixed is more than or equal to "10" hours, the displayed time is shown by 1 hour as the unit.

#### **8. Emergency switch (ON/OFF)**

1) When stand-by, to operate by pressing the emergency switch as follows:

To Press the emergency switch in three seconds, the buzzer rings once, and to release, the machine runs into cooling mode; if to holding on, the buzzer rings twice, then the machine runs into heating mode, while when the machine is on, to press the emergency Switch, the buzzer rings once and then the machine shut down.

2) The machine is running mandatorily as the selected mode within 30min after emergency operation, indoor fan motor is running in high-speed, and vane board is swinging. The machine runs into automatic mode 30min later, the selected mode unchanged, the set temperature is 23° C ,the rotate speed of indoor fan motor is automatic, and vane board is swinging too.

3) To press the emergency button when the machine operating, then the machine runs into stand-by state.

4) Under emergency operation, the Compressor's time-lapse protection, anti-frosting protection in cooling, Overheating protection in heating and sensor fault protection and defrost operate are effective.

5) Under emergency operation, once effective signal from remote controller is received, then the machine exits form the emergency mode, and operate according to the setting from remote controller.

#### **9. Auto-restart function**

1) The PCB retains the setting parameters in case of power off. When the power supply is resumed, the machine, which has been started up the power-off memory function, is able to restore into the original running state automatically.

2) To press the emergency button and power on, and hold on 10 seconds, exit from the power-off memory function, buzzer rings four tomes.(default: no this function)



## 10. Protection/ Troubleshooting functions

### 1) Compressor's protection function:

- The PCB which has Power-off memory function, once this function is started up, the compressor goes along 3min delay protection when power on. If the PCB hasn't been started up this function, even when the PCB is power-on, the compressor doesn't process 3 min delay function.
- Compressor's 3 min interval protection: the compressor can't start-up until 3 min later(except for defrosting process).
- After the compressor started, the compressor's state isn't subject to the changes on ST,RT in 3min.

### 2) Anti-frosting protection of indoor evaporator:

If  $\text{IPT} \leq 0^\circ\text{C}$  detected in consecutive 5 min, compressor and outdoor motor stoped, indoor fan motor runs at high-speed forcibly;  $\text{IPT} \geq 5^\circ\text{C}$  detected 3min later, then outdoor fan is activated. And the compressor, indoor fan motor restores the original state.

### 3) Overheating protection:

$\text{IPT} \geq 55^\circ\text{C}$ , the outdoor fan stops,  $\text{IPT} \geq 65^\circ\text{C}$ , the compressor stops, indoor fan motor runs at high-speed forcibly. When  $\text{IPT} \leq 48^\circ\text{C}$ , outdoor fan motor and the compressor open, indoor fan motor restores the original state.

### 4) Anti-cold wind control in heating:

- When runing into the heating mode, once the compressor fails to comply with the start-up conditions, the wind speed is regulated according to the coil temperature in 2 min(including stopping the indoor fan motor), 2 min later the indoor fan motor stops.If the compressor starts up within 2 min, then operating by Figure 6.

Under heating process, to close the compressor (including the downtime protection ), the wind speed is regulated according to the coil temperature in 1min(including stopping the indoor fan), 1min later the fan is stoped forcibly.

- When the indoor fan motor running at a low-speed wind and in anti-cold wind operation, once electric heating opens,the vane immediately withdraws from the anti-cold windy location and turn back to normal vane angle. When electric heating closes, indoor fan motor go on to run at low-speed wind, accordingly, the vane turns to anti-cold windy location.

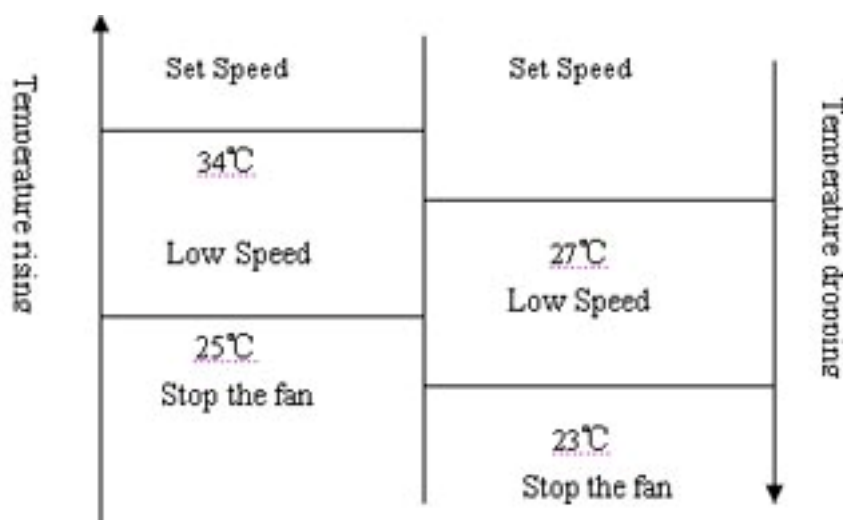


Figure 5 Anti-cold Wind

- The following table shows the fault protections. When failures happens, the PCB alarms and

buzzer rings three times. Failure code appears, and the PCB operates protection procedures.

Failure code: For the machine has LED, the code displays on LED, for no LED machine, the code reflects by the running light.

Failure	Running Light Flash	LED Display
RT Sensor Failure	Once / Period	E1
IPT Sensor Failure	Twice / Period	E2
Indoor Fan Motor Failure	6 times / Period	E6

When there is LED displaying failure code, the code is displayed statically, if there are several failure codes should be reported at the same time, then failure codes appears one by one every eight seconds correspondingly.

a. Sensor's failure protection: when the sensor's temperature is out of the range  $-50 \leq T \leq 110$  °C, then sensor failure is determined. Once RT, IPT sensor failures appear, the compressor stops and indoor and outdoor fan motors shut off. Remote controller doesn't response to any signal except for shutdown. During failure the machine can run in fan mode. After the failure is settled, the PCB restores to standby status.

b. Failure protection of Indoor PG fan motor: If there is no feedback signal of rotate speed within 5, the indoor fan motor stops, at the same time, the compressor, outdoor fan motor, four-way valve and auxiliary electric heater etc cut down. 10 seconds later, the indoor fan motor restarts, once there is no feedback signal of rotate speed within 5 seconds either, then the machine stops and goes into indoor fan motor failure protection, buzzer rings three times, and running light flashes at 6 times per 8 seconds. When the failure is confirmed, once there is feedback signal, the failure is relieved automatic.

**Trouble shooting:**

Type of failure	The lamp flash	Display of LED
The failure of room temperature sensor	Once/cycle	E1
The failure of indoor pipe temperature sensor	Twice/cycle	E2
The failure of indoor fan motor	6 times/cycle	E6

## E1/E2

- 1、 To check whether the resistance of the sensor is normal (the resistance is  $5K\Omega$  at the normal temperature  $25^{\circ}\text{C}$ ), when it is abnormal the sensor should be replaced.
- 2、 To check whether there is short circuit or open circuit in the wire of the sensor, and whether the plug is connected well, whether there is welding off or rosin joint on the electric control board, if there is any, it should be repaired.
- 3, When the 1 and 2 are both normal, then the components or integrated circuit is damaged, the PCB should be replaced.

## E6

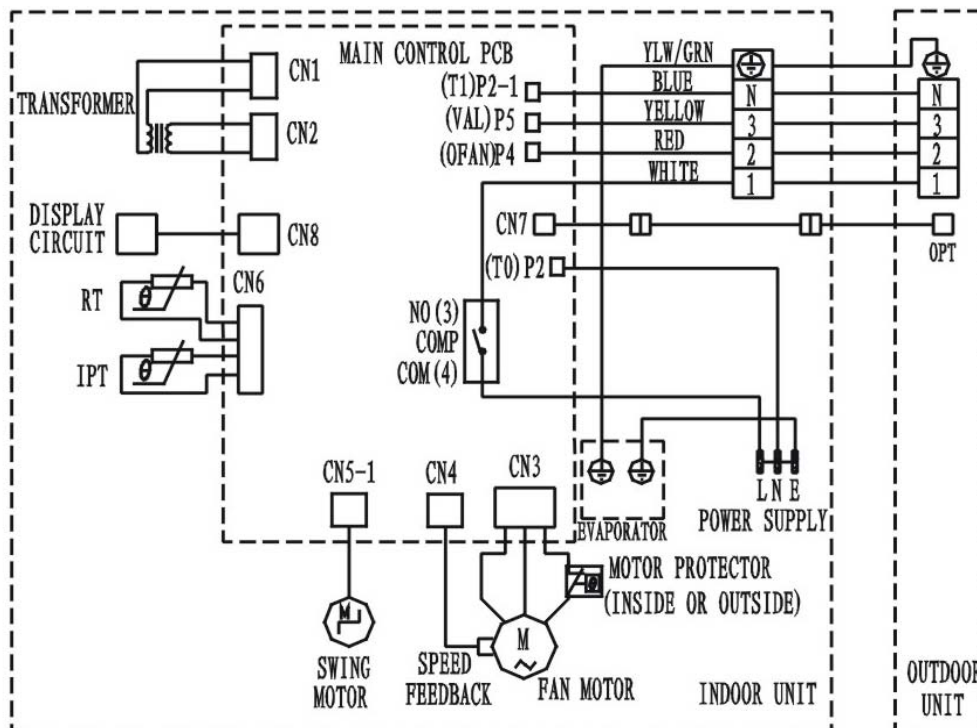
- 1、 To check whether two sets of plugs the motor have loosed from the socket of the electric control board, insert it firmly when loosing.
- 2、 To check whether the indoor motor has damaged, including coil winding, mechanic problem, etc, the motor should be replaced when it is damaged
- 3、 To check whether the controllable silicon and other components on the electric control board have damaged, replace the controllable silicon or electric control board when they are damaged.

## WIRING DIAGRAM

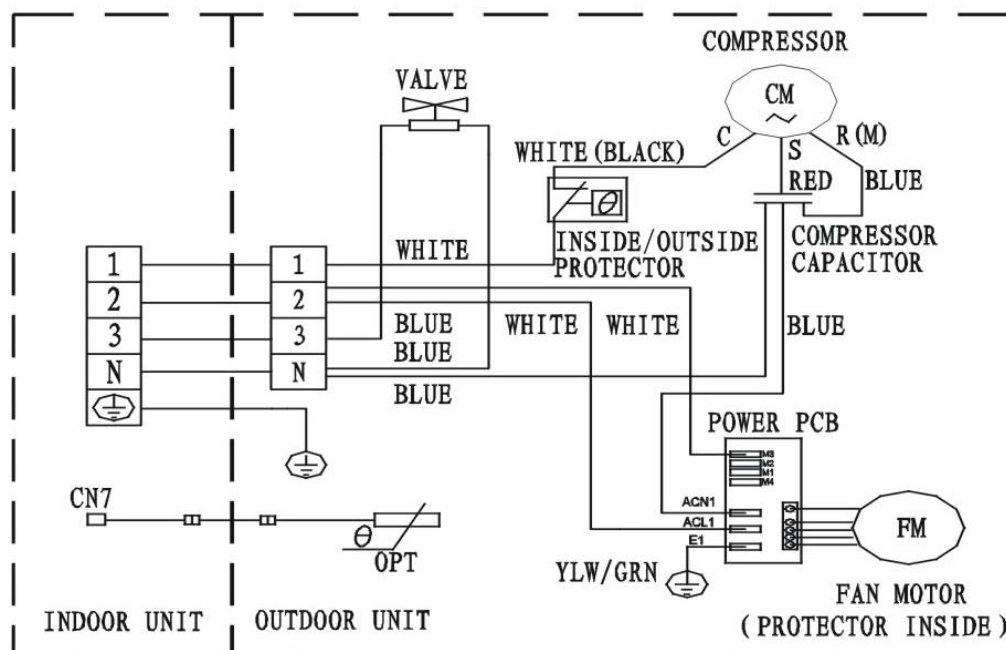
MODEL: YZHFHXH009BAMA-FX/YZHFYH009BAMAA-X

YZHFHXH012BAMA-FX/YZHFYH012BAMAA-X

INDOOR UNIT:



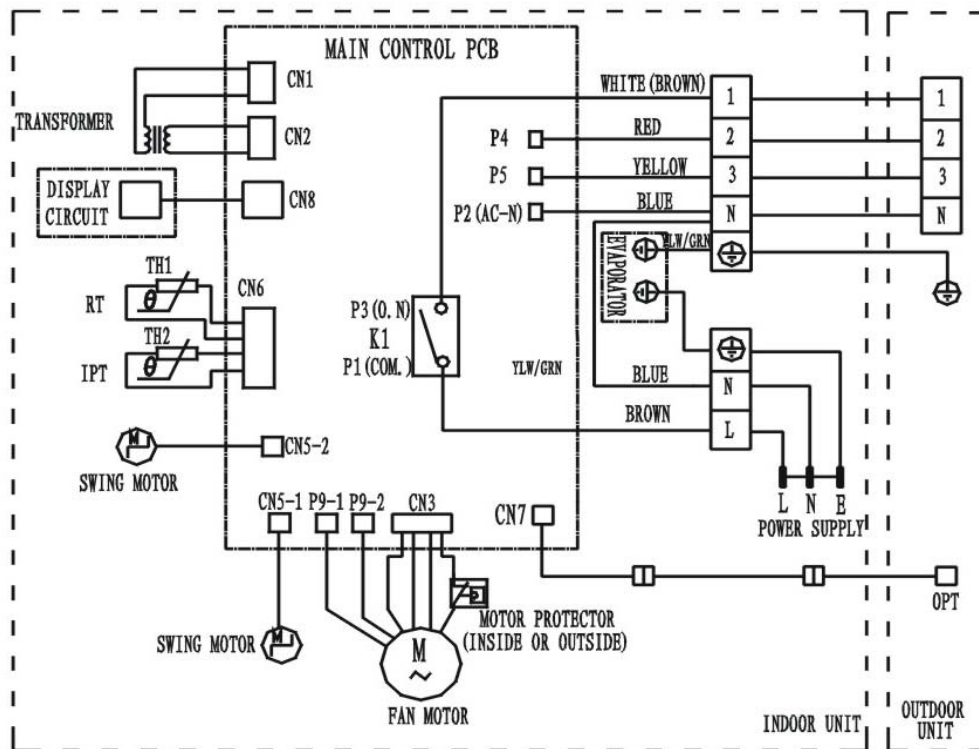
OUTDOOR UNIT



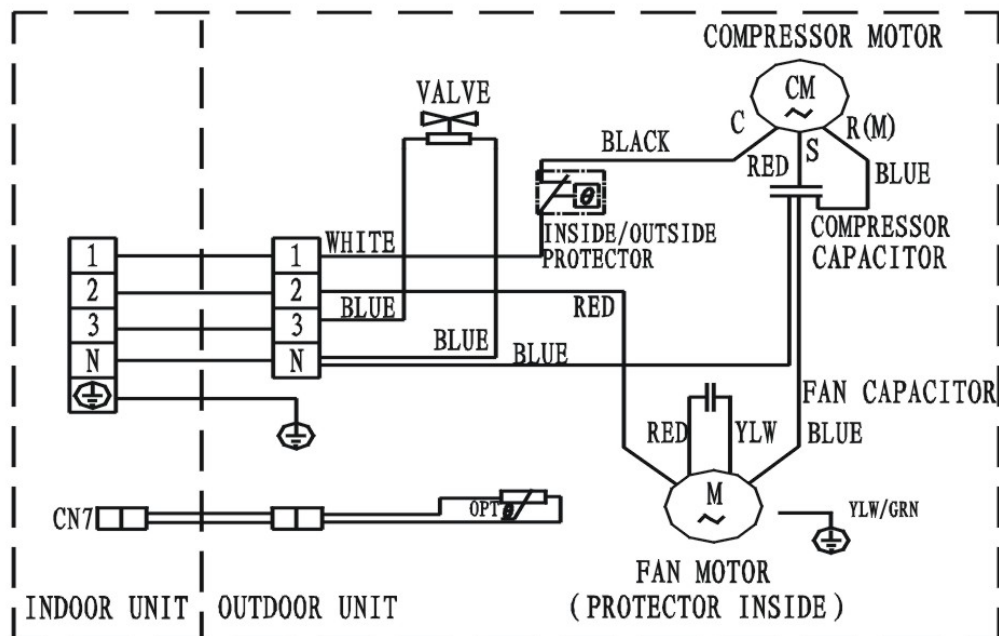
## WIRING DIAGRAM

MODEL: YZHFHXH018BAMA-FX/YZHFYH018BAMAA-X

INDOOR UNIT:



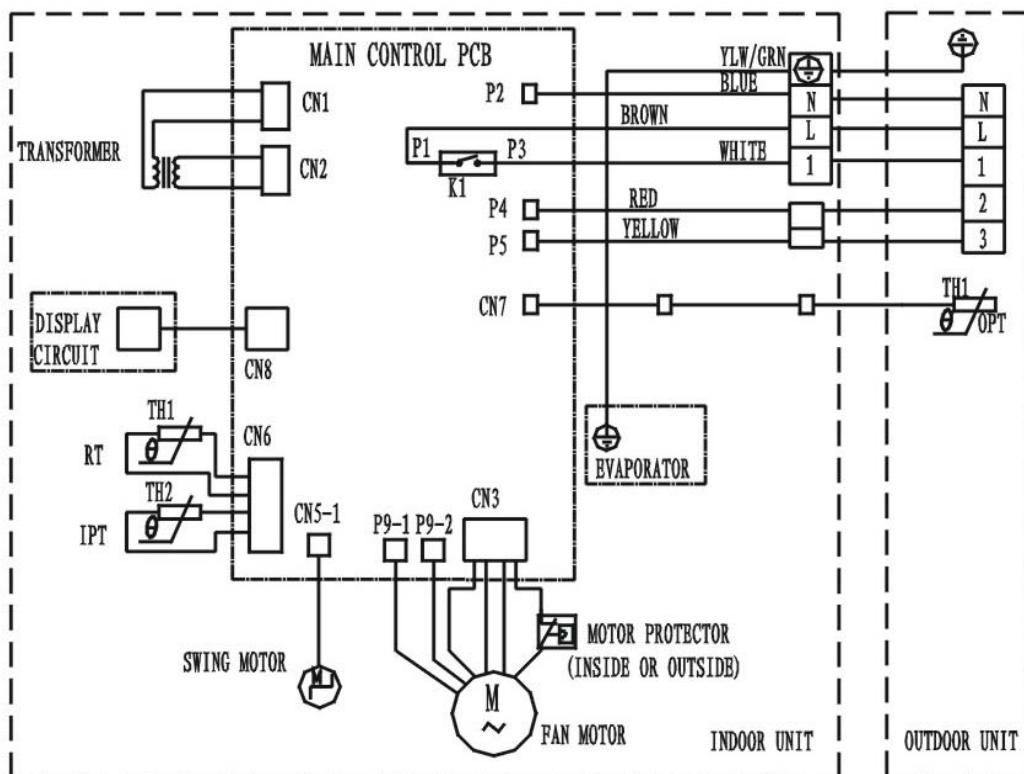
OUTDOOR UNIT



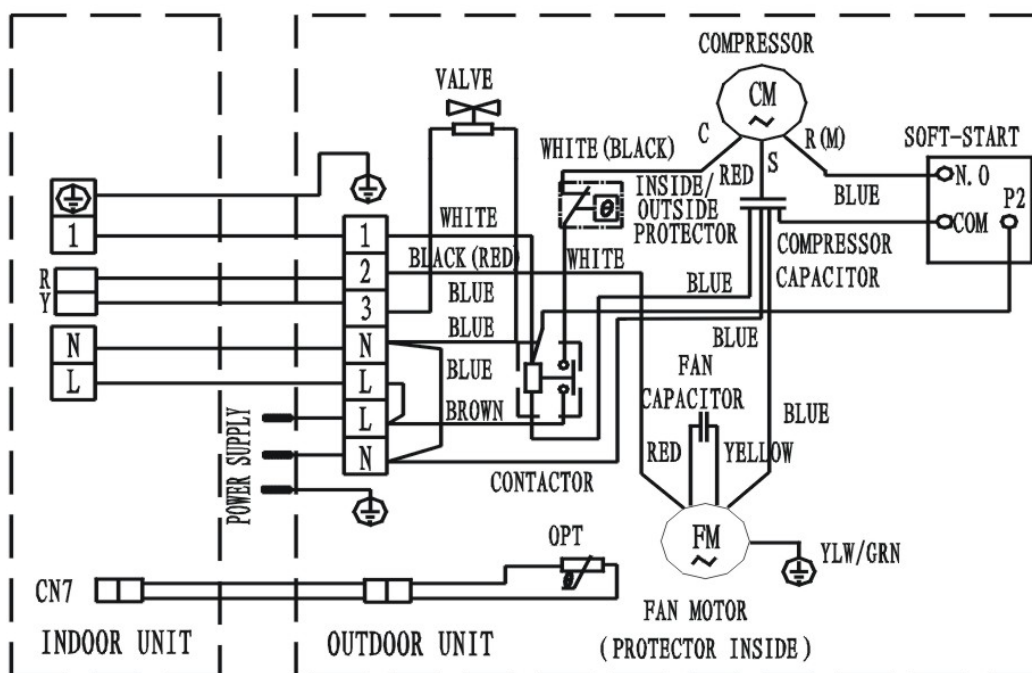
## WIRING DIAGRAM

MODEL: YZHFHX024BAMA-FX/YZHFYH024BAMAA-X

INDOOR UNIT:



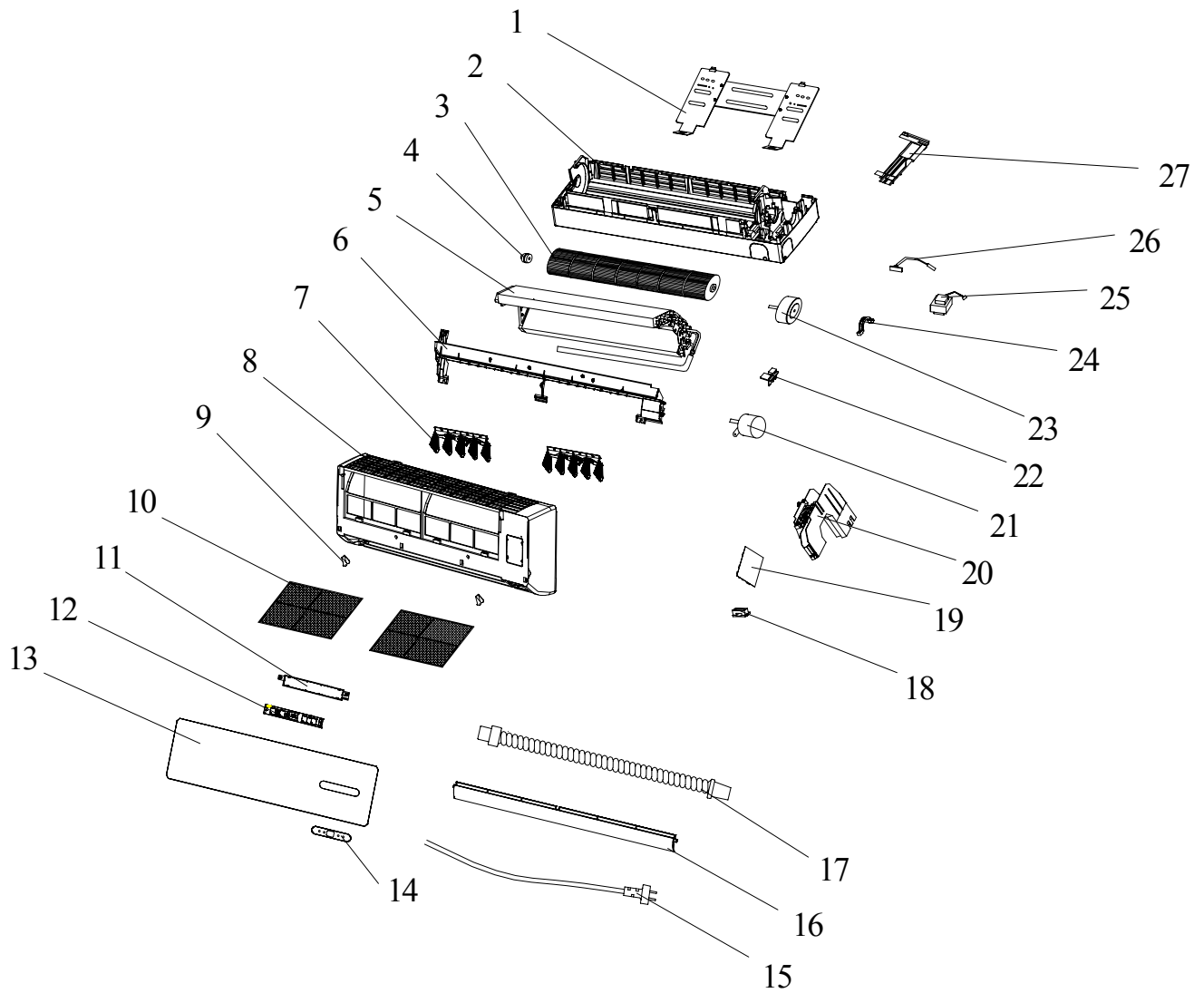
OUTDOOR UNIT



## EXPLOSION VIEW

Model: YZHFXH009BAMA-FX, YZHFXH012BAMA-FX

INDOOR UNIT:



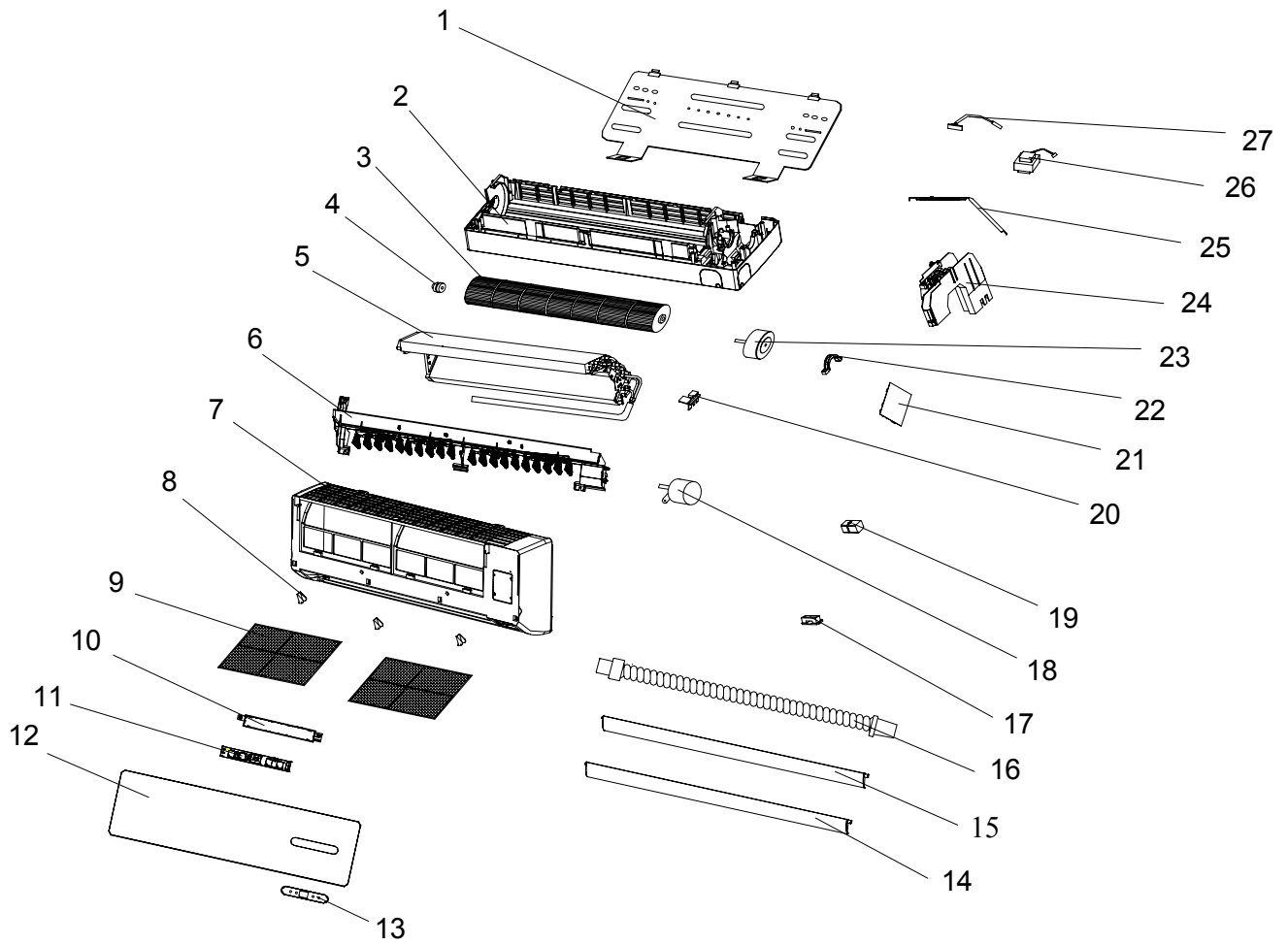




## EXPLOSION VIEW

Model: YZHFXH024BAMA-FX

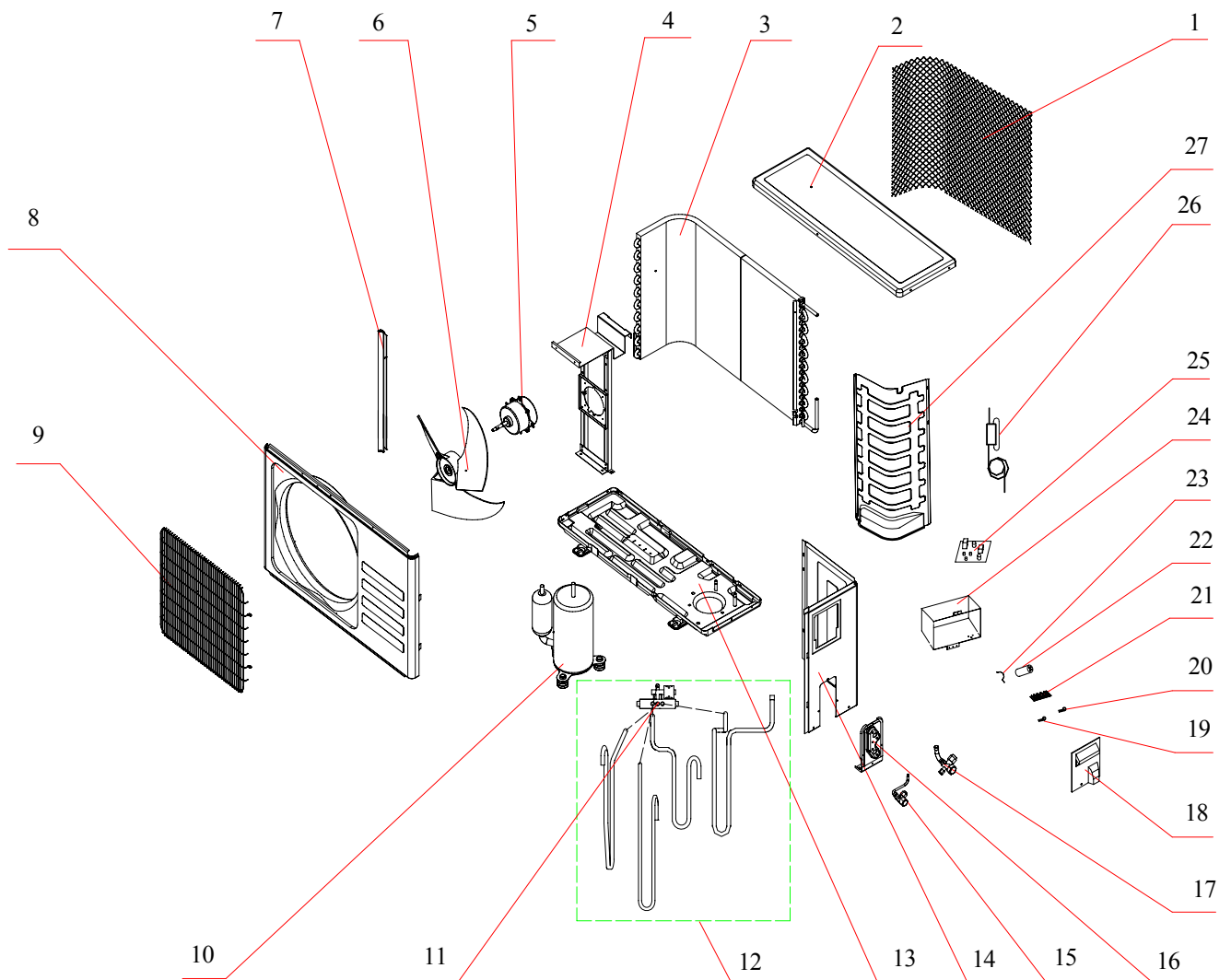
INDOOR UNIT:



## EXPLOSION VIEW

Model: YZHFYH009BAMAA-X, YZHFYH012BAMAA-X

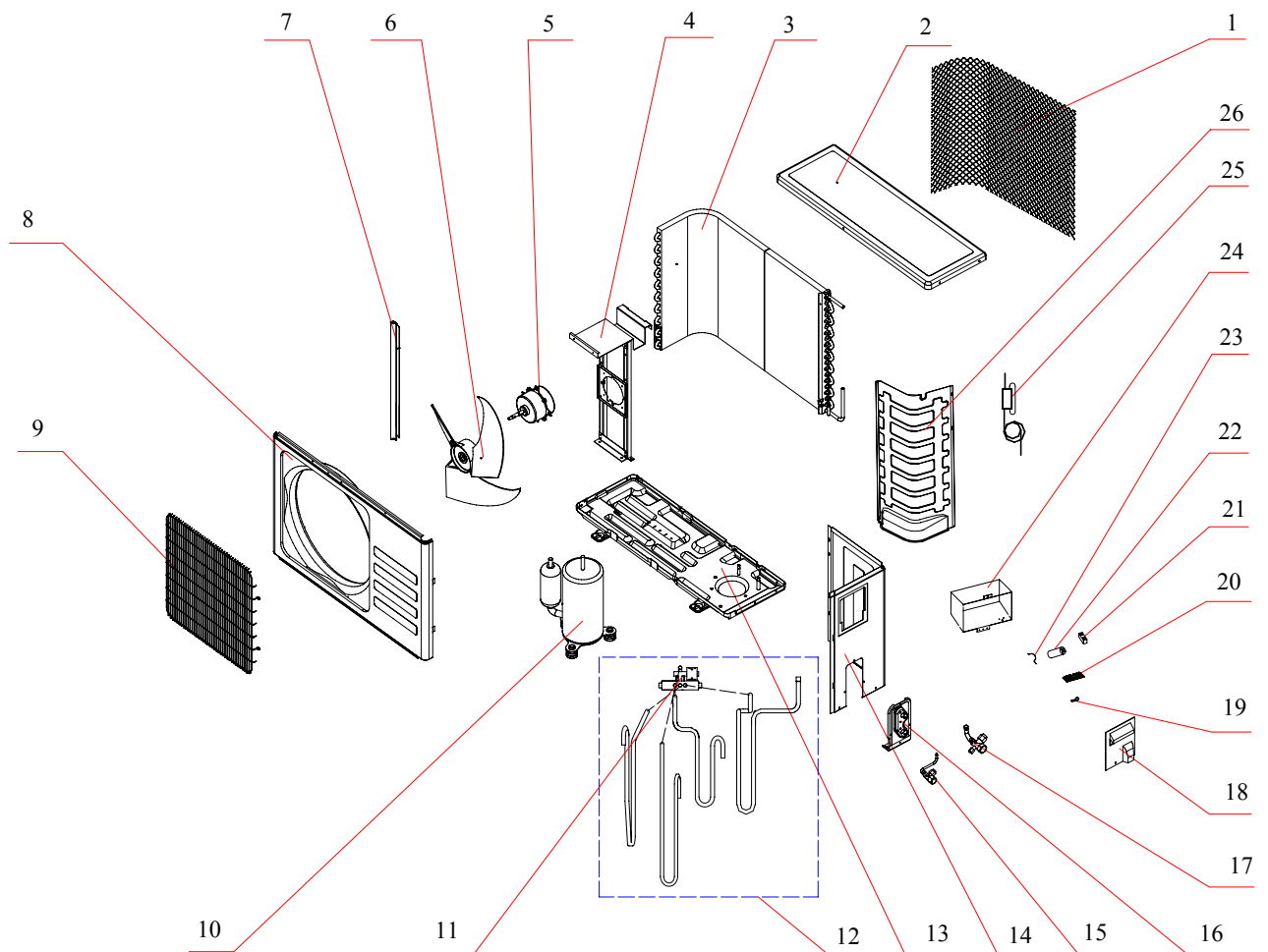
OUTDOOR UNIT:



## EXPLOSION VIEW

Model: YZHFYH018BAMAA-X

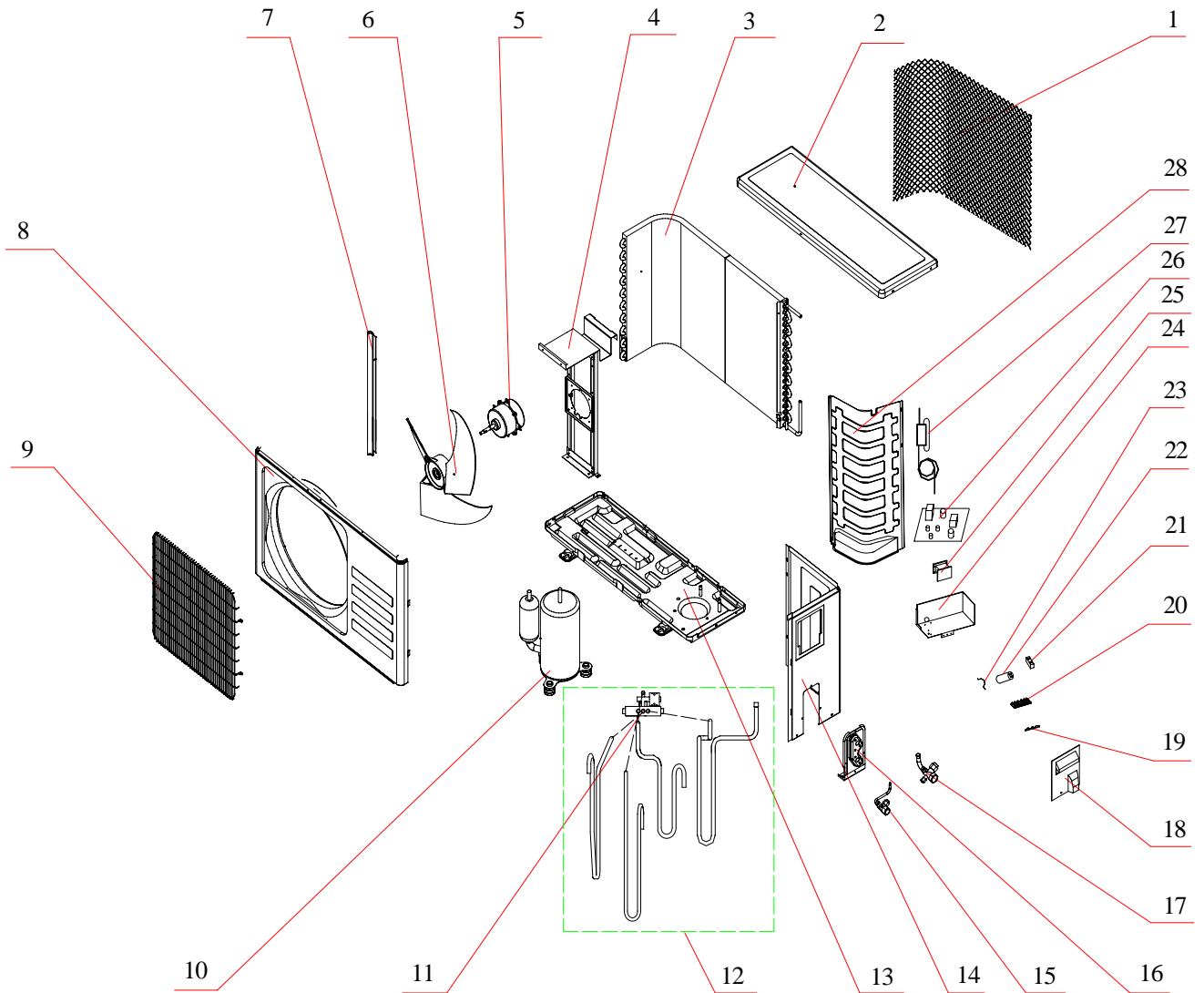
OUTDOOR UNIT:



## EXPLOSION VIEW

Model: YZHFYH024BAMAA-X

OUTDOOR UNIT:



**Indoor Unit- YZHFHX009BAMA-FX**

No.	Part No.	Part Name	Q'ty	Remark
1	1080030021	Installation Plate	1	
2	1070350872AA	Base	1	
3	1070020024AA	Cross Fan	1	
4	1070100010	Bearing Mount	1	
5	1110050906	Evaporator	1	
6	1070450385AB	Water Drainage Assembly	1	
7	1070350141	Vertical Vane Assembly	1	
8	1070450900AA	Face Frame	1	
9	1073073233	Screw Cover	3	
10	1070450397	Air Filter	1	
11	1070250120	Display PCB Box	1	
12	1090250119AB	Display PCB	1	
13	210702867	Front Panel	1	
14	210701045A	Display PCB Cover	1	
15	1170120106	Power Supply Cord	1	
16	1070450387AB	Vane	1	
17	1070110011	Drainage Hose	1	
18	1070040004	Cable Clamp	1	
19	1090320315	Main PCB	1	
20	1070451080	Electrical Box	1	
21	1170020041	Vane Motor	2	
22	1073010501	Sensor Holder	1	
23	1170030065	Indoor Motor	1	
24	1070350152	Indoor Motor Cover	1	
25	1170240001	Transformer	1	
26	1170230001	Indoor Sensor Assembly	1	
27	1080320819	In And Out Pipe Fixer	1	
28	210900254AB	Remote Controller	1	Not shown in Explosion view
29	1190470001AGU	Indoor Carton	1	
30	1190060803	Left Foaming	1	
31	1190060804	Right Foaming	1	
32	211310757	Middle Pasteboard Supporter	1	

**Indoor Unit- YZHFHX012BAMA-FX**

No.	Part No.	Part Name	Q'ty	Remark
1	1080030021	Installation Plate	1	
2	1070350872AA	Base	1	
3	1070020024AA	Cross Fan	1	
4	1070100010	Bearing Mount	1	
5	1110050837	Evaporator	1	
6	1070450385AB	Water Drainage Assembly	1	
7	1070350141	Vertical Vane Assembly	1	
8	1070450900AA	Face Frame	1	
9	1073073233	Screw Cover	3	
10	1070450397	Air Filter	1	
11	1070250120	Display PCB Box	1	
12	1090250119AB	Display PCB	1	
13	210702867	Front Panel	1	
14	210701045	Display PCB Cover	1	
15	1170120106	Power Supply Cord	1	
16	1070450387AB	Vane	1	
17	1070110011	Drainage Hose	1	
18	1070040004	Cable Clamp	1	
19	1090500220	Main PCB	1	
20	1070451080	Electrical Box	1	
21	1170020041	Vane Motor	2	
22	1073010501	Sensor Holder	1	
23	1170030065	Indoor Motor	1	
24	1070350152	Indoor Motor Cover	1	
25	1170240001	Transformer	1	
26	1170230001	Indoor Sensor Assembly	1	
27	1080320819	In And Out Pipe Fixer	1	Not shown in Explosion view
28	210900254AB	Remote Controller	1	
29	1190470001AGU	Indoor Carton	1	
30	1190060803	Left Foaming	1	
31	1190060804	Right Foaming	1	
32	211310757	Middle Pasteboard Supporter	1	

**Indoor Unit- YZHFXH018BAMA-FX**

No.	Part No.	Part Name	Q'ty	Remark
1	1080030001	Installation Plate	1	
2	1080320810	Base	1	
3	1070020014AA	Cross Fan	1	
4	1070100010	Bearing Mount	1	
5	1110051066	Evaporator	1	
6	1080320817	Water Drainage Assembly	1	
7	1070701050	Vertical Vane Assembly A	1	
	1070701051	Vertical Vane Assembly B	1	
8	1070701060AB	Face Frame	1	
9	1073073232	Screw Cover	3	
10	1070190058	Left Air Filter	1	
	1070190059	Right Air Filter	1	
11	1070250120	Display PCB Box	1	
12	1090250119AA	Display PCB	1	
13	210702886	Front Panel	1	
14	210701045	Display PCB Cover	1	
15	1073090114	Electrical Box Cover	1	
16	1170120057	Power Supply Cord	1	
17	1070701418	Vane A	1	
18	1070701419	Vane B	1	
19	1070110011	Drainage Hose	1	
20	1070040003	Cable Clamp	1	
21	1170020041	Vane Motor	2	
22	1073030201	Sensor Holder	1	
23	1090500504	Main PCB	1	
24	1073090120	Indoor Motor Cover	1	
25	1170030048	Indoor Motor	1	
26	1073090121	Electrical Box	1	
27	1173090107	Transformer	1	
28	1170230001	Indoor Sensor Assembly	1	
29	210900254AB	Remote Controller	1	Not shown in Explosion view
30	1190060003MR	Indoor Carton	1	
31	1190060019	Left Foaming	1	
32	1190060019	Right Foaming	1	
33	1190060002	Middle Pasteboard Supporter	1	
34	1190060021	Middle Foaming Supporter	1	

**Indoor Unit- YZHFHX024BAMA-FX**

No.	Part No.	Part Name	Q'ty	Remark
1	1080030017	Installation Plate	1	
2	1210850102AA	Base	1	
3	1070020039	Cross Fan	1	
4	1070100014	Bearing Mount	1	
5	214103629	Evaporator	1	
6	1210850106AA	Water Drainage Assembly	1	
7	1070850150AA	Face Frame	1	
8	1070850130AA	Screw Cover	3	
9	1070850131	Air Filter	2	
10	1070250120	Display PCB Box	1	
11	1090250119AA	Display PCB	1	
12	210702888	Front Panel	1	
13	210701045	Display PCB Cover	1	
14	1070850107AA	UpVane	1	
15	1070850108AA	Down Vane	1	
16	1070110012	Drainage Hose	1	
17	1070850140	Cable Clamp	1	
18	1170020023	Vane Motor	2	
19	1170200051	Terminal	1	
20	1073010501	Sensor Holder	1	
21	1090850105	Main PCB	1	
22	1070850133	Indoor Motor Cover	1	
23	1170030099	Indoor Motor	1	
24	1070850137	Electrical Box	1	
25	1070850139	Electrical Box Cover	1	
26	1173090107	Transformer	1	
27	1170230001	Indoor Sensor Assembly	1	
28	210900254AB	Remote Controller	1	Not shown in Explosion view
29	211303089AQ	Indoor Carton	1	
30	211300075	Base Foaming	1	
31	211302650	Upper Foaming	1	



**Outdoor Unit- YZHFYH009BAMAA-X**

No.	Part No.	Part Name	Q'ty	Remark
1	1071990040	Grille	1	Optional
2	1080050011	Top Cover	1	
3	1110061300	Condenser	1	
4	1080050004	Outdoor Motor Supporter	1	
5	1170040126	Outdoor Motor	1	
6	1070030050AA	Propeller Fan	1	
7	1080050001	Left Grille Supporter	1	
8	1080050009	Front Plate	1	
9	210800400	Fan Guard	1	
10	1100011032	Compressor And It Accessories	1	
11	1120500226	4-way Valve	1	
12	1120252289	4-way Valve Assembly	1	
13	1210250121	Base	1	
14	1080050002	Right Plate	1	
15	1120120021	Two-way Valve	1	
16	1080050003	Valve Supporter	1	
17	1121990039	Three-way Valve	1	
18	1070350971	Electrical Box Cover	1	
19	1070040001	Cable Clamp( $\phi$ 6)	1	
20	1070040002	Cable Clamp( $\phi$ 8)	1	
21	1170500131	Terminal	1	
22	1170100003	Compressor Capacitor	1	
23	1080010006	Capacitor Strip	1	
24	1080200103	Electrical Parts Box	1	
25	1090720012	Outdoor PCB	1	
26	1120252288	Capillary Assembly	1	
27	1081990316	Partition plate	1	Not shown in the Explosion view.
28	1174561802	Outdoor Sensor	1	
29	1191990181	Base Carton	1	
30	211311128FA	Cabinet Carton	1	
31	1150300003	Base Foaming	1	
32	211301929	Cover Forming	1	

**Outdoor Unit- YZHFYH012BAMAA-X**

No.	Part No.	Part Name	Q'ty	Remark
1	1083520101	Grille	1	Optional
2	1081990056	Top Cover	1	
3	1110061283	Condenser	1	
4	1081990060	Outdoor Motor Supporter	1	
5	1170040136	Outdoor Motor	1	
6	1070030040AA	Propeller Fan	1	
7	1081990053	Left Grille Supporter	1	
8	1081990258	Front Plate	1	
9	210800401	Fan Guard	1	
10	1100011010	Compressor And It Accessories	1	
11	1120500226	4-way Valve	1	
12	1120321691	4-way Valve Assembly	1	
13	1080710307	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	1070040001	Cable Clampφ6	1	
20	1070040002	Cable Clampφ7	1	
21	1170500131	Terminal	1	
22	1170100003	Compressor Capacitor	1	
23	1080010006	Capacitor Strip	1	
24	1080200103	Electrical Parts Box	1	
25	1090720012	Outdoor PCB	1	
26	1120321690	Capillary Assembly	1	
27	1081990318	Partition plate	1	
28	1174561802	Outdoor sensor	1	Not shown in the Explosion view.
29	211312854	Base Carton	1	
30	211312855BB	Cabinet Carton	1	
31	211312852	Base Foaming	1	
32	211312851	Cover Forming	1	

**Outdoor Unit- YZHFYH018BAMAA-X**

No.	Part No.	Part Name	Q'ty	Remark
1	1071990041	Grille	1	Optional
2	1081990038	Top Cover	1	
3	1110061755	Condenser	1	
4	1081990042	Outdoor Motor Supporter	1	
5	1170040107	Outdoor Motor	1	
6	1170120146AA	Propeller Fan	1	
7	1081990040	Left Grille Supporter	1	
8	1081990047	Front Plate	1	
9	210800402	Fan Guard	1	
10	1100011011	Compressor And It Accessories	1	
11	1120500226	4-way Valve	1	
12	1120502020	4-way Valve Assembly	1	
13	1081990178	Base	1	
14	1081990039	Right Plate	1	
15	1120120021	Two-way Valve	1	
16	1081990041	Valve Supporter	1	
17	1120130032	Three-way Valve	1	
18	1070350971	Electrical Box Cover	1	
19	1074060118	Cable Clamp	1	
20	1170500131	Terminal	1	
21	1170100030	Fan Motor Capacitor	1	
22	1170100004	Compressor Capacitor	1	
23	1080010006	Capacitor Strip	1	
24	1081990049	Electrical Parts Box	1	
25	1120502021	Capillary Assembly	1	
26	1081990050	Partition plate	1	
27	1174561802	Outdoor Sensor	1	Not show in the explosion
28	1190500707KG	Cabinet Carton	1	
29	211310615	Upper Cover	1	
30	211310616	Lower Foaming	1	
31	1190060191	Base Carton	1	

**Outdoor Unit- YZHFYH024BAMAA-X**

<b>No.</b>	<b>Part No.</b>	<b>Part Name</b>	<b>Q'ty</b>	<b>Remark</b>
1	1071990055	Grille	1	Optional
2	1080050045	Top Cover	1	
3	211200352AA	Condenser	1	
4	210800644	Outdoor Motor Supporter	1	
5	1170040144	Outdoor Motor	1	
6	1070030026AA	Propeller Fan	1	
7	1080050042	Left Grille Supporter	1	
8	1080050047	Front Plate	1	
9	210800403	Fan Guard	1	
10	1100011012	Compressor And It Accessories	1	
11	1120110017	4-way Valve	1	
12	211201363	4-way Valve Assembly	1	
13	1080110001AA	Base	1	
14	1080050043	Right Plate	1	
15	1120120037	Two-way Valve	1	
16	1080050044	Valve Supporter	1	
17	1120130047	Three-way Valve	1	
18	1070350971	Electrical Box Cover	1	
19	1074060118	Cable Clamp	1	
20	1170200054	Terminal	1	
21	1170100034	Fan Motor Capacitor	1	
22	1170100025	Compressor Capacitor	1	
23	1080010006	Capacitor Strip	1	
24	1080050056	Electrical Parts Box	1	
25	1174561801	AC Contactor	1	
26	1090850120	Soft Start PCB	1	
27	1120701338	Capillary Assembly	1	
28	210800262	Partition plate	1	
29	1170230006A	Outdoor Sensor	1	Not show in the explosion
	1170230027A	Outdoor Sensor	1	
30	1191990117DF	Cabinet Carton	1	
31	1191990120	Upper Carton	1	