

TROUBLESHOOTING

8. 1 Malfunction analysis

If the following cases happen, do not worry, for them being not faults:

Phenomena	Phenomena analysis
The air conditioner can not be restarted just after shutting down	The unit delays running for 3 minutes after stopping for protection. The three-minute protection timer built-in micro-computer works automatically, but it is not for the case when the unit is powered first time.
The air conditioner does not supply air at the beginning of heating.	The air conditioner does not supply air to avoid of blowing cold air until the indoor heat exchanger is warm(2-5minutes).
The air conditioner does not supply air after it has running for 5-10 minutes in heating mode.	The air conditioner enters defrost mode automatically when the outdoor temp. is quite low or the humidity is too high, so please wait for a moment. Besides, during defrosting, some moisture or steam will come out from the outdoor unit
The air conditioner does not supply air in dehumidifying mode.	Sometimes, the fan of indoor unit will stop running to prevent the condensate from evaporating and save energy.
The air conditioner blows out the moisture in cooling mode.	This is caused by too high temperature and humidity of the room. It will eliminate when the temperature and humidity reduces.
The air blown out is smelly.	The air blown out is smelly during operating, it may come from the tobacco or other cosmetics sticked to the inner of the air conditioner.
Squeak is heard from the unit	This is caused by the circulating refrigerant inside the unit.
Crack is heard from the unit	This is caused by heat expansion or contraction of plastics
When the power restores, the air conditioner can not run	This is because the memory circuit of the microcomputer is cleared. Please start the air conditioner through the remote controller.
The air conditioner can not receive the signal from the remote controller.	It may happen when the signal receiver of the air conditioner is exposed to sunlight or strong light directly or the batteries are used up. In that case, eliminate those factors or change the batteries.
There is some drop on the air outlet and the grille.	The air outlet and the grille moisture will condense when the air conditioner is operated in humid environment for a long time, please adjust the grille and the vane to the position which is in parallel with the wind supply direction and select "High speed" mode to improve the condensing phenomena.

Pull out power plug immediately and inform to your distributor in the following situations:

1. Fuse or breaker often breaks off .
2. Power wires are excessively hot .
3. Covering of power wires is broken .
4. Switch works well.
5. Abnormal noise is heard during operation .

8. 2 Fault display:

■ Indoor fault display

Faults	LED display	Fault code	Fault instruction
Room temperature probe fault	TIMER indicator lamp flashes at 5 Hz	E2	The system will get right automatically once faults eliminated.
Evaporator probe fault	RUN indicator lamp flashes at 5 Hz	E3	
Condenser probe fault	Defrost indicator lamp flashes at 5 Hz	E5	
Float switch protection	Alarming indicator lamp flashes at 5 Hz	F5	
Outdoor protection	Defrosting and alarming indicator lamps flash at 5 Hz	F2	
EEPROM communication fault	RUN and TIMER indicator lamps flash at 5 Hz	P6	The system will get right after blackout.

■ Outdoor fault display

Low pressure protection	Flashes four times per six seconds
High pressure protection	Flashes three times per five seconds
Phase sequence protection	Flashes nine times per eleven seconds
Over current protection	Flashes seven times per nine seconds
Outdoor coil temperature sensor fault	Flashes five times per seven seconds
Outdoor coil overheating protection	Flashes twice per four seconds
Defrosting protection	Flashes once per three seconds
Power down memory protection	Flashes eight times per ten seconds