

FAULT INDICATIONS

FAULT INDICATION ON INDOOR DISPLAY PANEL

No.	Fault	Display mode
1	Power source fault	RUN lamp flashes 1 time, and ALARM lamp illuminates.
2	Communication of wire controller fault	RUN lamp flashes 2 times, and ALARM lamp illuminates.
3	Communication of outdoor unit fault	
4	Room temp. sensor fault	RUN lamp flashes 3 times, and ALARM lamp illuminates.
5	Indoor coil temp. sensor fault	RUN lamp flashes 4 times, and ALARM lamp illuminates.
6	Outdoor coil temp. sensor fault	RUN lamp flashes 6 times, and ALARM lamp illuminates.
7	Outdoor unit protection alarm	RUN lamp flashes 7 times, and ALARM lamp illuminates.
8	Compressor high pressure/overload protection alarm	RUN lamp flashes 8 times, and ALARM lamp illuminates.
9	Compressor low pressure protection alarm	RUN lamp flashes 9 times, and ALARM lamp illuminates.
10	Condensate water level switch alarm	RUN lamp flashes 10 times, and ALARM lamp illuminates.
11	Indoor coil anti-freeze protection in cooling	RUN lamp flashes 12 times, and ALARM lamp illuminates.
12	Indoor coil overheated protection in heating	
13	Outdoor coil overheated protection in cooling	RUN lamp flashes 13 times, and ALARM lamp illuminates.
14	Unit running failure	RUN lamp flashes 15 times, and ALARM lamp illuminates.
15	Cold air prevention protection in heating	TIMER lamp flashes 1 time, and DEFROSTING/PREHEATING lamp illuminates.
16	Defrosting in heating	TIMER lamp flashes 2 times, and DEFROSTING/PREHEATING lamp illuminates.
17	Indication to clean filter	TIMER lamp flashes 3 times, and DEFROSTING/PREHEATING lamp illuminates.
18	Working indication of crankcase heater	TIMER lamp flashes 4 times, and DEFROSTING/PREHEATING lamp illuminates.

Note: 1. The outdoor coil temp. sensor fault only happens in heating mode.
2. As for fault of No. 7,8 or 9, if it happens 3 times continuously, then for the forth time you need to figure out the reason, and then renew the power and restart the unit.

FAULT INDICATION ON OUTDOOR CONTROL BOARD

No.	Fault	Display mode
1	Power source fault	Fault indicating lamp flashes 1 time.
2	Outdoor coil temp. sensor fault	Fault indicating lamp flashes 4 times.
3	Compressor overload protection alarm	Fault indicating lamp flashes 5 times.
4	Compressor high pressure protection alarm	Fault indicating lamp flashes 6 times.
5	Compressor low pressure protection alarm	Fault indicating lamp flashes 7 times.
6	Compressor outdoor protection alarm	Fault indicating lamp flashes 8 times.

Note:
The flash mode of the indicating lamps in the above two tables: The lamp flashes N times in a row, then suspends for 3 seconds, and then goes to another circle until the fault is reset.

FAULT INDICATIONS

FAULT INDICATION ON WIRE CONTROLLER

No.	Fault codes	Faults	Causes	Treatment
1	A0	Power supply malfunction	Fault phase or short of phase.	Find the reason then correct the wiring.
2	C0	Communication of wire control malfunction	Wire control is not well connected.	Connect the wire control firmly.
3	C1	Communication between indoor and outdoor unit malfunction	Indoor unit and outdoor unit are out of communication	Contact local service center.
4	E1	Indoor ambient temp. sensor malfunction	Sensor is abnormal.	Cut off power supply, check whether the sensor is well connected, if so, replace the abnormal sensor.
5	E2	Indoor unit coil temp. sensor malfunction	Sensor is abnormal.	Cut off power supply, check whether the sensor is well connected, if so, replace the abnormal sensor.
6	E4	Outdoor unit coil temp. sensor malfunction	Sensor is abnormal.	Cut off power supply, check whether the sensor is well connected, if so, replace the abnormal sensor.
7	H1	Outdoor unit protection alarm	Outdoor unit is at fault	Check the cause as the flashing mode of the lamp on outdoor unit main board
8	H2	Compressor high pressure /overload protection alarm	Outdoor temperature is too high; air inlet or outlet is blocked; air filter is very dirty.	Find out the cause and fix it.
9	H3	Compressor low pressure protection alarm	Outdoor temperature is too low; refrigerant has leaked too much; suction pressure drops rapidly when collecting refrigerant to outdoor unit.	Find out the cause and fix it.
10	H4	Condensed water level switch raises an alarm	<p>1. In cooling or dehumidifying mode, too much condensed water occurs or the water is out of smooth drainage.</p> <p>2. The high water level alarm lasts for 20 minutes and still remain, in this case, system will raise sound alarm.</p>	<p>Normally, the system will solve the fault in 20 minutes automatically. Note: In the process, only "heating" and "fan" mode is available when pressing "mode" button.</p> <p>1. The system is locked, you need to cut off power supply and check the drainage pump. 2. when the malfunction is worked out, restore the power supply.</p>
11	P1	Indoor coil anti-freeze protection when cooling	System protection	Automatic recovery.
12	P2	Indoor coil over-heated protection when heating	System protection	Automatic recovery.
13	P3	Outdoor coil over-heated protection when cooling	System protection	Automatic recovery.
14	FF	Unit running failure	System protection	Restart the unit.
15	P6	Prevention of cold air protection when heating	System protection	Automatic recovery.
16	P7	Defrosting protection when heating	System protection	Automatic recovery.
17	P8	Working indication of crankcase heater	System protection	Automatic recovery.
18	CF	Indication to clean filter	Filter mesh is dirty.	Cut off the power, and then clean the filter.

Note:

– The wire controller can also receive remote signal from remote controller.