Errores Minisplit CONFORTFRESH Serie Halcon Plus - INPMSG

	CODE	MALFUNCTION NAME	AC STATUS	POSSIBLE CAUSES	TROUBLESHOOTING
1	E1	High pressure protection of system	During cooling and drying operation, except indoor fan operates, all loads stop operation. During heating operation, the complete unit stops.	1、Malfunction of high pressure switch or the wiring is loose; 2、Malfunction of outdoor electric box; 3、Low fan speed of outdoor unit; 4、Poor air return of indoor unit or outdoor unit; 5、The heat exchangers of indoor unit or outdoor unit are dirty; 6、The system is blocked; 7、Some air is in the system; 8、The panel of outdoor unit is not closed firmly.	1、To check if the high pressure switch functions normally or check if there are some wires connected incorrectly; 2、To check if there is malfunction with outdoor electric box; 3、To check if the fan speed is too low; 4、To check if the air return of outdoor and indoor unit is poor; 5、To check if the evaporator and condenser is dirty or not, and confirm if the heat exchange of evaporator and condenser is well or not; 6、To check if the system is blocked; 7、To check if there is some air in the system; 8、Check if the panel of outdoor unit is firmly closed
2	E2	Antifreezing protection	During cooling and drying operation, compressor and outdoor fan stop while indoor fan operates.	1、 Poor air-return in indoor unit; 2、Fan speed is abnormal; 3、 The evaporator is dirty; 4、 Refrigerant leakage; 5 、The resistance of tube sensor is abnormal; 6、 The malfunction of indoor unit controller.	1、To check if there are any obstructions, and make sure the air-return is smoothly; 2、To check if the running speed of the fan motor is normal, if not, please replace a new fan motor or PCB; 3、To check if the Evaporator/ filter is dirty or not, if yes,please clear；4、Add refrigerant per name plate or instruction from factory; 5、Replace a new corresponding tube sensor; 6、Replace a new corresponding indoor controller.
3	E3	Low pressure protection	The complete unit will stop operation.	1、The LPP connecting terminal wires of the PCB doesn't connect well with the high pressure switch; 2、The wiring of the high pressure switch circuit is broken.Or the high pressure switch is broken；3、The system is lack of refregerant Or the refregerant leaks; 4、The input of the LPP is high level. 5、Check if the panel of outdoor unit is firmly closed;	1、To check if the LPP connecting terminal wires of the PCB connects well with the high pressure switch; 2、 To check if the wires of the high pressure switch circuit loose or not.And to check if the high pressure switch is OK or not; 3、To check if the system is lack of refregerant Or the refregerant leaks or not; 4、To check if the input of the LPP is high level or not. 5、To check if the panel of outdoor unit is firmly closed;
4	E4	High discharge temperature protection of compressor	During cooling and drying operation, compressor and outdoor fan stop while indoor fan operates. During heating operation, all loads stop.	1、The airflow of outdoor unit is poor; 2、Fan speed of outdoor unit is too low; 3、The refrigerant is with leakage; 4、The system is blocked; 5、The resistance of the discharge temperature sensor is abnormal; 6、The outdoor electric box has malfunction; 7、Some air is in the system.	1、To check if the airflow of outdoor unit is poor; 2、 To check if the fan speed of outdoor unit is too low; 3、 To check if the system is leakage; 4、 To check if the system is blocked; 5、To check if the resistance of the discharge temperature sensor is abnormal; 6、 To check if the electric box of outdoor unit is broken; 7、 To check if there is some air in the system.
5	E5	Over current protection	During cooling and drying operation, compressor and outdoor fan stop while indoor fan operates. During heating operation, all loads stop.	1、The supply voltage is unstable.It should be 90%-110% rated voltage; 2、The supply voltage is too low.The burthen is too heavy; 3、Test the current of the live wire.If the current doesn't larger than the value of overload protection,please check the PCB; 4、The heat exchangers are too dirty,or there are some defects of air return; 5、The fan speed is not normal; 6、The compressor doesn't run.Or there is some malfunction such as: noise, oil leaks,compressor shell too hot and so on; 7、There are some blocks in the system.	1、 To check if the supply voltage is stable or not. If not, please add a voltage regulator; 2、To check if the supply voltage is too low and the burthen is too heavy.If yes, improve the power supply voltage; 3、 To check if the current of the live wire is larger than the value of overload protection.If not, please check the PCB; 4、To check if the heat exchangers are dirty or there are some defects of air return; 5、To check if the fan speed is abnormal; 6、To check if the compressor doesn't run.Or there is some malfunction such as: noise, oil leaks,compressor shell too hot and so on; 7、To check if there are some blocks in the system.

6	E6	Communication Malfunction	During cooling operation, compressor stops while indoor fan motor operates. During heating operation, the complete unit stops.	1、Improper supply voltage or mismatched indoor and outdoor unit； 2、Improper wiring between indoor unit and outdoor unit； 3、The PCB of indoor has malfunction； 4、The electric control assy of indoor unit has malfunction； 5、The electric box of outdoor has malfunction； 6、The electric control assy of outdoor unit has malfunction.	1、To check if the supply voltage is too low or the indoor and outdoor units are matched； 2、To check if the wiring between indoor and outdoor unit is proper； 3、To check if the PCB of indoor has malfunction； 4、To check if the electric control assy of indoor unit has malfunction； 5、To check if the electric box of outdoor has malfunction； 6、To check if the electric control assy of outdoor unit has malfunction.
7	E8	High temperature resistant protection	During cooling operation: compressor will stop while indoor fan will operate. During heating operation, the complete unit stops.	1、The tube temperature sensor of indoor unit has malfunction； 2、Fan speed of indoor unit is low 3、The environment of air-return is poor; for example evaporator and condenser are dirty；	1、To check tube temperature sensor of indoor unit is normal, try to replace tube temperature sensor. 2、To check if the fan motor of indoor unit is broken, if yes,replace a new one. 3、To check if the evaporator and condenser are dirty or not, if yes, please clear
8	U8	Circuit PG motor indoorfan) has circuit malfunction by zero ross detection	Operation of remote controller or control panel is available, but the unit wont act.	Indoor control board is damaged.	To replace a new PCB of indoor unit.
9	C5	Malfunction protection of jumper cap	The complete unit will stop operation.	1、There is no jumper cap on the mainboard； 2、The jumper cap is not inserted correctly； 3、The jumper cap is broken； 4、The PCB is broken.	1、To check if there is no jumper on the PCB, please add a jumper； 2、To check if the jumper is inserted correctly； 3、 To check if the jumper is damaged； 4、To check if the PCB is broken.
10	F1	Indoor ambient temperature sensor is open/short circuited	During cooling and drying operation, indoor unit operates while other loads will stop; during heating operation,the complete unit will stop operation.	1、poor contact or loose of indoor temperature sensor； 2、The malfunction of temperature sensor part； 3、The resistance of temperature sensor deviates； 4、Use wrong temperature sensor； 5、Short circuit between temperature sensor and shell or copper tube； 6、The resistance of circuit of temperature sensor deviates or creepage of capacitance； 7、The chip of controller is abnormal.	1、To check if the sensor wire plug is loose from the PCB or not； 2、To replace the parts of temperature sensor circuit； 3、To check if the resistance of temperature deviates； 4、To check if use the wrong sensor； 5、To check if there is short circuit between sensor and shell or copper tube； 6、To replace the resistance of temperature sensor circuit or capacitance； 7、To replace the controller.
11	F2	Indoor evaporator temperature sensor is open/short circuited	During cooling and drying operation, indoor unit will operate while other loads will stop; During heating operation, the complete unit will stop operation.	1、poor contact or loose of indoor temperature sensor； 2、The malfunction of temperature sensor parts ；3、The resistance of temperature sensor deviates； 4、Use wrong temperature sensor； 5、Short circuit between temperature sensor and shell or copper tube； 6、The resistance of circuit of temperature sensor deviates or creepage of capacitance； 7、The chip of controller is abnormal.	1、To check if the sensor wire plug is loose from the PCB or not； 2、 To replace the parts of temperature sensor circuit； 3、To check if the resistance of temperature deviates； 4、To check if use the wrong sensor； 5、To check if there is short circuit between sensor and shell or copper tube； 6、To replace the resistance of temperature sensor circuit or capacitance； 7、To replace the controller.
12	F3	Outdoor ambient temperature sensor is open/short circuited	During cooling and drying operating, compressor stops while indoor fan operates;During heating operation, the complete unit will stop operation	1、poor contact or loose of indoor temperature sensor； 2、The malfunction of temperature sensor parts ；3、The resistance of temperature sensor deviates； 4、Use wrong temperature sensor； 5、Short circuit between temperature sensor and shell or copper tube； 6、The resistance of circuit of temperature sensor deviates or creepage of capacitance； 7、The chip of controller is abnormal.	1、To check if the sensor wire plug is loose from the PCB or not； 2、To replace the parts of temperature sensor circuit； 3、To check if the resistance of temperature deviates； 4、To check if use the wrong sensor； 5、To check if there is short circuit between sensor and shell or copper tube； 6、To replace the resistance of temperature sensor circuit or capacitance； 7、To replace the controller.

13	F4	Outdoor condenser temperature sensor is open/short circuited	During cooling and drying operation, compressor stops while indoor fan will operate; During heating operation,the complete unit will stop operation.	1、Poor contact or loose of indoor temperature sensor； 2、The malfunction of temperature sensor parts ；3、The resistance of temperature sensor deviates； 4、Use wrong temperature sensor； 5、Short circuit between temperature sensor and shell or copper tube； 6、The resistance of circuit of temperature sensor deviates or creepage of capacitance； 7、The chip of controller is abnormal.	1、To check if the sensor wire plug is loose from the PCB or not； 2、To replace the parts of temperature sensor circuit； 3、To check if the resistance of temperature deviates； 4、To check if use the wrong sensor； 5、To check if there is short circuit between sensor and shell or copper tube； 6、To replace the resistance of temperature sensor circuit or capacitance； 7、To replace the controller.
14	F5	Outdoor discharge temperature sensor is open/short circuited	During cooling and drying operation, compressor will sop after operating for about 3 mins, while indoor fan will operate; During heating operation, the complete unit will stop after operating for about 3 mins.	1、poor contact or loose of indoor temperature sensor； 2、The malfunction of temperature sensor parts ；3、The resistance of temperature sensor deviates； 4、Use wrong temperature sensor； 5、Short circuit between temperature sensor and shell or copper tube； 6、The resistance of circuit of temperature sensor deviates or creepage of capacitance； 7、The chip of controller is abnormal.	1、To check if the sensor wire plug is loose from the PCB or not； 2、To replace the parts of temperature sensor circuit； 3、To check if the resistance of temperature deviates； 4、To check if use the wrong sensor； 5、To check if there is short circuit between sensor and shell or copper tube； 6、To replace the resistance of temperature sensor circuit or capacitance； 7、To replace the controller.
15	F6	Limit/ decrease frequency due to overload	All loads operate normally, while operation frequency for compressor is decreased	1、The evaporator and condenser are dirty 2、The pressure of the system is abnormal, or the refrigerant is too much 3、The temperature sensor of outdoor unit has malfunction. 4.The PCB of outdoor unit has malfunction. 5. The compressor has malfunciton.	1、To check if the evaporator and condenser are dirty or not, if yes, please clear. 2、To check if the pressure of the system is normal or not,and to check if the refregerant is excessive or not； 3、To check if the temperature sensor of outdoor unit is OK or not； 4、Replace a new PCB of outdoor unit； 5、Replace a new compressor.
16	F8	Decrease frequency due to overcurrent	All loads operate normally, while operation frequency for compressor is decreased	1、The input supply voltage is not stable；2、The evaporator and condenser are dirty；3、The system pressure is abnormal or the refrigerant is excessive；4、The outdoor temperature sensor is broken；5、The outdoor PCB is broken；6、The compressor is broken.	1、To check if the voltage is too low.If yes, adjust it；2、To check if the evaporator and condenser are dirty or not, if yes, please clear；3、To check if the pressure of the system is normal or not,and to check if the refrigerant is excessive or not；4、To check if the temperature sensor of outdoor unit is OK or not；5、To replace a new corresponding outdoor unit PCB；6、To replace a new corresponding compressor.
17	F9	Decrease frequency due to high air discharge	All loads operate normally, while operation frequency for compressor is decreased	1、The evaporator and condenser are dirty； 2、The system pressure is abnormal or the refrigerant is excessive； 3、The outdoor temperature sensor is broken； 4、The outdoor PCB is broken； 5、The compressor is broken.	1、To check if the evaporator and condenser are dirty or not, if yes, please clear； 2、To check if the pressure of the system is normal or not,and to check if the refrigerant is excessive or not； 3、To check if the temperature sensor of outdoor unit is OK or not； 4、To replace a new corresponding outdoor unit PCB； 5、To replace a new corresponding compressor.

18	PH	Over Voltage Protection	During cooling and drying operation, compressor will stop while indoor fan will operate;During heating operation, the complete unit will stop operation.	1、The input supply voltage is not stable； 2 、Malfunction of outdoor unit controller.	1、To check if the input supply voltage is too low.If yes, adjust it； 2、To replace a new corresponding outdoor unit PCB.
19	U5	Malfunction of complete units current detection	During cooling and drying operation, the compressor will stop while indoor fan will operate;During heating operating,the complete unit will stop operation.	The PCB is broken.	To replace a new corresponding outdoor unit PCB.
20	P5	Compressor Overcurrent Protection	During cooling and drying operation, compressor will stop while indoor fan will operate;During heating operation, the complete unit will stop operation.	1、The wiring of the compressor is connected improperly,or mismatch between electric box and compressor； 2、Someone turns off the unit and then turns on the unit before the compressor stopped for 3minutes；3、The voltage is too low； 4、Protection under overload is abnormal； 5、System abnormal such as excessive refregerant、pipeline blocked 、dirty evaporator or condenser； 6、Malfunction of outdoor unit controller； 7、Malfunction of the compressor.	1、To check if the wiring of the compressor is connected correctly, or the electric box and compressor mismatch； 2、To confirm if the stop duration of the compressor is longer than 3 minutes； 3、To check if the pressure of the system is too low； 4、To check if the protection under overload is OK or not； 5、To check if the system is normal. Such as excessive refregerant、pipeline blocked 、dirty evaporator or condenser； 6、To replace a new corresponding PCB； 7、To replace a new corresponding compressor.
21	H1	Defrosting	Defrosting will occur in heating mode. Compressor will operate while indoor fan will stop operation.	It is a kind of normal state in heating mode.When H1 starts, the fan will stop.But the fan will start running in a few minutes.	Normal defrosting function
22	H2	Static dedusting protection	/	1、The wiring of the dust catcher isn't well connected； 2、There is some dirts on the dust catcher； 3、The dust catcher is broken； 4、The PCB board is broken.	1、To check if the wiring of the dust catcher is well connected or not； 2、Clear the dirt of the dust catcher； 3、Replace a new corresponding dust catcher； 4、Replace a new corresponding PCB.
23	H3	Compressor Overheat Protection	During cooling and drying operation, compressor will stop while indoor fan will operate; During heating operation, the complete unit will stop operation.	1、The system is abnormal. For example: refrigerant leaks； expansion valve is blocked；condenser or evaporator is dirty；the working condition is bad； 2、The compressor has malfunction 3、The wiring of overload switch is loose or pulled off； 4、Malfuction of overload protection circuit； 5、The malfunction protector is broken； 6、The voltage is too low.	1、To check if the system is abnormal. For example: refrigerant leaks; expansion valve is blocked; condenser or evaporator is dirty; the working condition is bad； 2、To check if the compressor has malfunction； 3、To check if the wiring of overload switch is loose or pulled off； 4、To check if there is malfuction of overload protection circuit； 5、To check if the malfunction protector is broken； 6、To check if the voltage is low.
24	H4	System is abnormal	During cooling and drying operation, compressor will stop while indoor fan will operate; During heating operation, the complete unit will stop operation.	1、Improper input voltage； 2、Evaporator or condenser is dirty； 3、The system is abnormal or the refrigerant is excessive ； 4、Outdoor or indoor temperature sensor is faulty； 5、Malfunction of outdoor unit controller； 6、Malfunction of the compressor.	1、To check if the voltage is too low.If yes, adjust it； 2、To check if the evaporator and condenser are dirty or not, if yes, please clean； 3、To check if the system is normal or not,and check if the refrigerant is excessive or not； 4、To check if the temperature sensors of the unit are OK or not； 5、Replace a new corresponding PCB of outdoor unit； 6、Replace a new corresponding compressor.
25	H5	IPM protection	During cooling and drying operation, compressor will stop while indoor fan will operate; During heating operation, the complete unit will stop operation.	1、The wire of the compressor is connected well and correctly,or there is mismatch between electric box and compressor； 2、Someone turns off the unit and then turn on unit before compressor stopped for 3minutes； 3、Low voltage； 4、Normal protection under overload； 5、System abnormal such as excessive refregerant、pipeline blocked 、dirty evaporator or condenser； 6、Malfunction of outdoor controller 7、Malfunction of compressor. 8.The indoor and outdoor fans are running abnormally. 9. The pressure of the system is too high.	1、To check if the wiring is connected well, or the electric box and compressor mismatch； 2、To confirm if the stop duration of the compressor is long enough； 3、To check if the voltage is too low.If yes, adjust it； 4、To check if loading is heavy， if yes, it is the normal protection under overload； 5、To check if the system is abnormal,such as excessive refregerant、pipeline blocked 、evaporator or condenser are dirty； 6、To check if the outdoor PCB has malfunction； 7、To check if the compressor is damaged. 8.To check if the indoor and outdoor fans are running normally. 9. To check if the pressure of the system is too high.

26	H6	Lock of Indoor Fan	The complete unit will stop operation.	1、Check if motor has been installed correctly, if terminal is connected firmly, if fan is locked, or if bearing deviates； 2、Fan speed is low because air outlet is blocked； 3、Fan capacitor is damaged； 4、Check if mainboard sends correct control signal to motor； 5、Mainboard does not received feedback signal；6、Motor is locked or damaged； 7、Chip is abnormal.	1、To check if the wires connects well or not.To check if the fan motor is intalled ok or not.To check if the fan is locked； 2、To check if the outlet is blocked； 3、To check if the fan capacitor is damaged ； 4、To check if the connection of fan motor and PCB board is well,if not,please reconnect it； 5、To check if the PCB board has malfunction； 6、To check if the fan motor is locked or damaged； 7、Replace a new corresponding PCB board.
27	HC	PFC protection	During cooling and drying operation, compressor will stop while indoor fan will operate;During heating operation, the complete unit will stop operation.	1、Sudden change of supply voltage of electric net； 2、Short circuit of electric reactor or PFC inductance； 3、The PCB is faulty ； 4、The reactor is faulty. 5.The induction is broken.	1、To check if the supply voltage is not stable.Please add a voltage regulator； 2、To replace a new corresponding PCB .(Single PCB) ； 3、To replace a new corresponding PFC module.(multiple PCBs)； 4、To replace a new corresponding reactor. 5.To replace a new corresponding induction.
28	H7	Motor Desynchronizing	During cooling and drying operation, compressor will stop while indoor fan will operate; During heating operation, the complete unit will stop operation.	1、Improper input voltage； 2、The pressure of the system is abnormal； 3、Malfunction of outdoor unit controller ； 4、malfunction of the compressor； 5.The fan motor is faulty； 6.The radiator is faulty.	1、To check if the voltage is too low.If yes, adjust it； 2、To check if the pressure of the system is normal or not,and to check if the refrigerant is excessive or not； 3、To replace a new corresponding PCB； 4、To replace a newcorresponding compressor； 5、To replace a new corresponding fan motor； 6、To replace a new corresponding radiator.
29	H0	Decrease frequency due to high temperature resistant during heating operation	All loads operate normally, while operation frequency for compressor is decreased	1、The supply voltage is not stable.It should be 90%-110% rated voltage； 2、The voltage is too low.The burthen is too heavy； 3、Test the current of the live wire.If the current doesn't larger than the value of overload protection,please check the controller； 4、The condenser is too dirty,or there are some defects of air return； 5、The fan speed is not normal； 6、The compressor doesn't run.Or there is some malfunctions such as: noise, oil leaks,compressor shell too hot and so on； 7、There are some blocks in the system.	1、To check if the supply voltage is too low.If yes, adjust it； 2、To check if the burthen is heavy,if yes,please decrease the burthen； 3、Try to replace a new corresponding PCB； 4、To check if the condenser is too dirty,or there are some defects of air return； 5、To check if the rotational speed of fan is normal, if no,try to replace a new corresponding fan； 6、To check if the compressor is damaged,if yes,replace a new corresponding compressor； 7、To check if the system blocked or not.
30	LC	Failure startup	During cooling and drying operation, compressor will stop while indoor fan will operate; During heating operation, the complete unit will stop operation.	1、The wiring of the compressor is not connected properly ； 2. The pressure of the system is abnormal； 3、The refrigerant is excessive ； 4、The controller is abnormal； 5、Malfunction of the compressor； 6、Someone turns off the unit and then turn on unit before compressor stopped for 3minutes.	1、To check if the wiring of compressor is connected properly or not； 2、To check if the pressure of the system is normal or not； 3、To check if the refrigerant is excessive or not； 4、To replace a new corresponding outdoor unit PCB； 5、To replace a new corresponding compressor； 6、To confirm if the stop duration of the compressor is longer than 3 minutes.
31	U1	Malfunction of phase current detection circuit for compressor	During cooling and drying operation, compressor will stop while indoor fan will operate; During heating operation, the complete unit will stop	1、Malfunction of wiring for compressor； 2、Outdoor PCB is faulty	1、To check if the connection of compressor is well or not； 2、Replace a new corresponding PCB.
32	EE	EEPROM malfunction	During cooling and drying operation, compressor will stop while indoor fan will operate; During heating operation, the complete unit will stop	Outdoor PCB is faulty	To replace a new corresponding PCB of outdoor unit.

33	PU	Charging malfunction of capacitor	During cooling and drying operation, compressor will stop while indoor fan will operate;During heating operation, the complete unit will stop	1、Improper input voltage； 2、Poor connection on reactor； 3、Reactor is damaged； 4、The PCB is faulty.	1、The voltage is too low.Please add voltage regulator； 2、To check if the connection of reactor is normal or not； 3、To check if the reactor is damaged； 4、To check if the PCB has malfunction.
34	P7	Malfunction of module temperature sensor circuit	During cooling and drying operation, compressor will stop while indoor fan will operate;During heating operation, the complete unit will stop	Circuit malfunction of outdoor controller temperature sensor of module	To replace a new corresponding PCB of outdoor unit.
35	P8	Module high temperature protection	During cooling operation,compressor will stop while indoor fan will operate; During heating operation, the complete unit will stop	1、The wire connection of the radiator looses； 2、The silicone grease is not enough； 3、The PCB is faulty.	1、To check the radiator of the PCB is installed well or not.If not, please adjust； 2、To check if the silicone grease is dry or not, if yes, please add silicone grease； 3、To replace a new corresponding PCB of outdoor unit.
36	U3	Malfunction of voltage dropping for DC bus-bar	During cooling and drying operation, compressor will stop while indoor fan will operate;During heating operation, the complete unit will stop	1、Supply voltage is unstable； 2、Wrong wiring connection of indoor unit； 3、Protective tube is faulty； 4、Transformer is faulty； 5、The PCB is faulty.	1、The voltage is not stable.Please add a voltage regulator； 2、Reconnect the wiring； 3、Replace a new corresponding protective tube； 4、Replace a new transformer； 5、Replace a new corresponding PCB.
37	PL	Voltage of DC bus-bar is too low	During cooling and drying operation, compressor will stop while indoor fan will operate;During heating operation, the complete unit will stop	1、Supply volatge is too low； 2、The PCB is faulty.	1、The voltage is too low.Please add a voltage regulator； 2、To replace a new corresponding PCB of outdoor unit.
38	EU	Limit/decrease frequency due to high temperature of module	All loads operate normally, while operation frequency for compressor is decreased	1、The wire connection of the radiator looses； 2、The silicone grease is not enough； 3、The PCB is faulty.	1、To check the radiator of the PCB is installed well or not.If not, please adjust； 2、 To check if the silicone grease is dry or not, if yes, please add silicone grease； 3、To replace new corresponding PCB of outdoor unit.
39	U7	The four-way valve is abnormal	If this malfunction occurs during heating operation, the complete unit will stop operation.	1、Supply volatge is too low； 2、Wiring terminal on reversing valve is loose or broken； 3、Reversing valve is faulty； 4、The PCB is faulty.	1、If the voltage is lower than 175V,please add a voltage regulator； 2、 To confirm if the connection wiring of the four-way valve is well or not, if not, please adjust； 3、Replace a new corresponding four-way valve； 4、 Replace a new corresponding PCB.
40	U9	Zero-crossing malfunction of outdoor unit	During cooling operation, compressor will stop while indoor fan will operate; during heating,the complete unit will stop operation.	1、Supply voltage is unstable； 2、Wrong wiring connection of indoor unit； 3、Protective tube is faulty； 4、Transformer is faulty； 5、The PCB is faulty.	1、The voltage is not stable.Please add a voltage regulator； 2、Reconnect the wiring of indoor； 3、Replace a new corresponding protective tube； 4、Replace a new corresponding transformer； 5、Replace a new corresponding PCB.
41	FH	Limit/decrease frequency due to antifreezing	All loads operate normally, while operation frequency for compressor is decreased	1、Poor air return in indoor unit； 2、Fan speed is too low； 3、The temperature sensor is faulty； 4、The PCB is faulty.	1、The air-return of indoor unit is poor, adjust the way of putting goods；2、Fan speed is abnormal, replace a new corresponding fan motor； 3、The temperature sensor is damaging, replace a new corresponding temperature sensor； 4、Try to replace a new corresponding indoor PCB

42	L3	Outdoor DC Fan Malfunction		1.Wiring is unreliable ; 2.Outdoor DC fan is faulty; 3.Outdoor PCB is faulty	1.To insert the connection wires. 2.To replace a new corresponding fan motor. 3.To replace a new corresponding electric box of outdoor unit.
43	L9	Overpower Protection		Overpower due to over loading	Normal protection.To check if the power of the outdoor is close to the most capacity factor.
44	LP	Mismatch Protection of Indoor and Outdoor Units		1.Models of indoor and outdoor units don't match; 2.The jumper is wrong.	1、To change a new correct model; 2、To replace a new corresponding jumper.
45	UA	Mismatch beteween indoor and ourdoor unit		1、Voltage of unit is mismatch; 2、Connection wiring of power is abnormal; 3、PCB of outdoor unit is damaging; 4、Mismatch between indoor and ourdoor unit.	1、Use the right power supply; 2、Make sure the connection wiring of power is correct; 3、Replace a new corresponding PCB of outdoor unit; 4、Adjust the match between indoor and outdoor unit.
46	Fo	Refrigerant recovery mode		The refrigerant is lacking.	Add refrigerant per name plate or instruction from factory