

3.1 Failure code

Code	Fault name	Check the repair method
E1	Indoor fan failure	1. Confirm whether the indoor unit fan is well installed; 2. Confirm whether the indoor motor wiring is good; 3. Replace the main control board of the indoor unit; 4. Replace the motor of the indoor unit.
E3	Failure of the temperature sensor of the indoor coil	1. Check whether the ring temperature/tube temperature sensor is well plugged in; 2. Whether the resistance value of the measurement ring temperature/tube temperature sensor is within a reasonable range (5KΩ-20KΩ): (1) Replace the sensor with an open circuit or a resistance value outside a reasonable range; (2) If the resistance value is within a reasonable range, change the main control board of the indoor unit.
E4	Failure of the indoor ambient temperature sensor	
E0	Outdoor EE failure	Directly replace the main control board of the outdoor unit
E6	Indoor and outdoor communication failures	1. Confirm whether the wiring of the connecting cable to the terminal of the outdoor unit is correct-L (brown)/N (blue)/1 (black) 2. Replace the main control board of the outdoor unit. 3. Replace the main control board of the indoor unit. 4. Replace the connection cable of the indoor and outdoor units.
F1	The compressor starts abnormally	1. The press cannot be started normally, and the fault is reported as soon as it starts: (1) Confirm whether the compressor wiring (press end and external main control board end) is correct, U phase (white) / V phase (blue) / W phase (red); (2) Confirm whether the press coil is normal - measure the 3-phase terminal of the press, the resistance between any 2-phase terminal is generally within 1Ω-10 Ω, if the open circuit/resistance value is very large, the compressor needs to be replaced (3) If there is no problem in (1)/(2), replace the main control board of the outdoor unit. 2. The press can be started normally, and the fault will be reported after running for a period of time: (1) Confirm the system status: whether the high and low pressure valves are all open; whether the system pressure is within the normal range; Confirm whether the indoor and outdoor installation environment of the air conditioner is good; whether the cooling and heating are normal; wait (2) If (1) confirm that there is no problem, replace the main control board of the outdoor unit.
F2	IPFC fault	Replace the main control board of the outdoor unit.
F5	Exhaust gas temperature sensor malfunction	1. Check whether the exhaust sensor is well plugged in;

		2. Measure whether the resistance value of the outer ring/outer disk sensor is within a reasonable range (20KΩ-200KΩ): (1) Replace the sensor with an open circuit or a resistance value outside a reasonable range; (2) If the resistance value is within a reasonable range, change the main control board of the indoor unit.
F7	Outdoor coil temperature sensor malfunction	ODU discharge sensor and ODU PCB. ODU PCB , compressor, etc.
F8	Outdoor environment temperature sensor malfunction	
F9	Outdoor DC fan failure	1. Check whether the outdoor motor is well wired; 2. Replace the outdoor motor; 3. Replace the outdoor main control board
P1	Outdoor AC current protection	(1) Check whether there is a problem with the system status; (2) If there is no problem with the system status, directly replace the main control board of the outdoor unit.
P2	The press phase current is overcurrent	1. The press cannot be started normally, and the fault is reported as soon as it starts: - Replace the main control board of the outdoor unit. 2. The press can be started normally, and the fault will be reported after running for a period of time: (1) Confirm the system status: whether the high and low pressure valves are all open; whether the system pressure is within the normal range; Confirm whether the indoor and outdoor installation environment of the air conditioner is good; whether the cooling and heating are normal; wait (2) If (1) confirm that there is no problem, replace the main control board of the outdoor unit.
P3	AC voltage is overvoltage and undervoltage	1. Check whether the input voltage of the external unit is within the normal range of 165~265; 2. Replace the main control board of the outdoor unit.
P4	DC bus overvoltage and undervoltage	
P5	IPM Overtemperature	Normal function protection, such as continuous fault reporting, the main control board of the outdoor unit can be replaced.
P6	The exhaust temperature is too high.	Normal function protection, e.g. continuous fault reporting: (1) Check whether there is a problem with the system status; (2) If there is no problem with the system status, directly replace the main control board of the outdoor unit.
P7	The refrigeration inner coil is too low	
P8	The refrigeration outer coil is too high	
P9	The inner coil of heating is too high	
PA	The outdoor ambient temperature is above the normal range	Normal function protection, the temperature of the refrigeration outer ring is lower than 0 degrees, and the temperature of the heating outer ring is higher than 30 degrees, and the fault can be reset.
PC	Abnormal failure of refrigerant circulation	1. Check whether the high and low pressure valves are open; 2. Check whether the compressor wiring is consistent with the wiring required by the wiring diagram;

		3. Check whether there is refrigerant in the machine, if there is no refrigerant, you need to take the time to refill the refrigerant.
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Note: Remote controller FAILURE CODE Querying function

As shown in the failure codes, some of the codes (Fb~bj) need to press remote control for inspection. While unit on operation, press the ECO button 8 times with 8 seconds, the buzzer BIBI 2 times, you can inspect the special failure

