

LED		lamp display		failure	The reason of fault and solution
code	explain	code	explain		
F2	display at off state	flicker 2/4 SEC	display at on/off state	Room temp. sensor fault	<ol style="list-style-type: none"> <li>1、 Check whether the resistance of the sensor is normal (the resistance is 5KΩ in the normal temperature 25°C), when it is abnormal the sensor should be replaced.</li> <li>2、 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.</li> <li>3、 When the 1 and 2 are both normal, then the components or integrated circuit is damaged, the electric control board should be replaced.</li> </ol>
F3	display at off state	flicker 3/5 SEC	display at on/off state	Coil temp. sensor fault	<ol style="list-style-type: none"> <li>1、 Check whether the resistance of the sensor is normal (the resistance is 5KΩ in the normal temperature 25°C), when it is abnormal the sensor should be replaced.</li> <li>2、 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.</li> <li>3、 When the 1 and 2 are both normal, then the components or integrated circuit is damaged, the electric control board should be replaced.</li> </ol>
F4	display at on/off state	flicker 4/6 SEC	display at off state	outdoor unit abnormal	<ol style="list-style-type: none"> <li>1、 Check whether the winding resistance and operation current of the compressor are normal.</li> <li>2、 Check whether the high and low pressure is normal when the unit is running.</li> <li>3、 Check (whether the coil pipe sensor is normal) whether the contact of the inserter on the circuit board is well, the coil pipe temperature sensor is fixed, the evaporation of the indoor unit is well, the key is to check the evaporator temperature detected by the coil pipe temperature sensor has reached the cooling or heating temperature.</li> <li>4、 Check whether the surface of the condenser is too dirty, it should be cleaned when it is too dirty.</li> <li>5、 Check whether the capacitance of the outdoor motor and the fan is damaged, it should be replaced when it is damaged.</li> <li>6、 If the above items are normal, the electric control board should be replaced.</li> </ol>
F7	display at off state	flicker 7/9 SEC	display at off state	outdoor feedback fault	<ol style="list-style-type: none"> <li>1、 Check whether the winding resistance and operation current of the compressor are normal</li> <li>2、 Check whether the high and low pressure is normal when the unit is running.</li> <li>3、 Check whether the indoor and outdoor wiring is right;</li> </ol>

					<p>when it is wrong, connect them again according to the circuit diagram</p> <ol style="list-style-type: none"> <li>4、 Check whether the contact of the inserter on the circuit board and the connection are well, otherwise repair.</li> <li>5、 Check whether the signal feedback wire is disconnected, replace or connect the feedback signal wire.</li> <li>6、 Check whether the supply power is phase-lacking or phase opposition.</li> <li>7、 Check whether the AC electromagnetic contactor is well.</li> </ol>
F8	display at off state	flicker 8/10 SEC	display at off state	frost protection /over heat protection	<ol style="list-style-type: none"> <li>1、 Check whether the filter of the indoor unit is dirty or blocked, and clean if it is dirty.</li> <li>2、 Check whether the indoor fan is running normally, and replace the motor if it is abnormal.</li> <li>3、 Check whether indoor pipe temperature sensor is normal, and replace the sensor if it is abnormal.</li> <li>4、 。 Check whether the system pressure is normal, if abnormal, should check whether there is leakage, and fill the refrigerant again.</li> </ol>