

# Error code of digital display refrigerator



Error code	Fault description	Cause of fault
E0	The ice maker in the freezing chamber fails	The ice maker can not be reset normally.
E1	Refrigerator temperature sensor fails	There is a problem with the sensor terminals or the sensor circuit of the refrigerating chamber.
E2	Freezer temperature sensor fails	There is a problem with the sensor terminals or the sensor circuit of the freezing chamber.
E3	Chiller or flex drawer/chamber temperature sensor fails	There is a problem with the sensor terminals or the sensor circuit of the chiller or variable chamber.
E4	Defrost sensor in the refrigerating chamber fails	There is a problem with the defrost sensor terminals or the sensor circuit of the refrigerating chamber.
E5	Defrost sensor in the freezing chamber fails	There is a problem with the defrost sensor terminals or the sensor circuit of the freezing chamber.
E6	Main control PCB and Display control PCB communication fails	There is a problem with the terminals or the circuit between main control PCB and display PCB.
E7	Ambient temperature sensor fails	There is a problem with the ambient temperature sensor terminals or the sensor circuit.
E8	Defrost sensor in chiller or flex drawer/chamber fails	There is a problem with the defrost sensor terminals or the sensor circuit of the chiller or variable chamber.
E9	High temperature alarm in the chamber	In the chamber cold air leakage, or defrosting failure, or fan motor failure, or refrigerant leakage.
Ed	Door not close alarm	The opening time of fridge door or freezing door more than 120 seconds, it will be cancelled after closing door.
EE	Temperature sensor of ice maker in the freezing chamber fails	There is a problem with the sensor terminals or the sensor circuit of the ice maker.
EF	Water tank installed fails	Circuit fault or water tank is not installed right in place.
EH	Humidity sensor fails	There is a problem with the humidity sensor or the sensor circuit.
EL	Low temperature alarm in the chamber	The temperature in the chamber is lower than the set temperature
EP	The ice maker in the freezing chamber fails to turn over the ice	The ice maker can not off-ice normally.
F4	Temperature sensor of ice maker in the refrigerating chamber fails	There is a problem with the sensor terminals or the sensor circuit of the ice maker.
F5	The ice maker in the refrigerating chamber fails to turn over the ice	The ice maker can not be reset normally.
F6	The ice maker in the refrigerating chamber fails to initialize	The ice maker failed to initialize normally.
F7	The upper chamber low temperature testing sensor fails	There is a problem with the sensor terminals or the sensor circuit of the upper chamber.
F8	The lower chamber low temperature testing sensor fails	There is a problem with the sensor terminals or the sensor circuit of the lower chamber.
C9	Temperature sensor in the refrigerating ice-making chamber fails	There is a problem with the sensor terminals or the sensor circuit of the ice maker chamber.
CC	Defrost sensor in the ice-making chamber fails	There is a problem with the defrost sensor terminals or the sensor circuit of the ice maker chamber.
CA	Main control PCB and ice-making control PCB communication fails	There is a problem with the terminals or the circuit between main control PCB and Door ice-making control board.

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E0	The ice maker in the freezing chamber fails 冷冻室制冰机复位找水平故障	<ol style="list-style-type: none"><li>1. Check whether the connection terminals are plugged in place and whether there are foreign matters in them, after cleaning the terminals, plug them in again.</li><li>2. Check if the ice box of the ice maker is broken, fallen, or stuck by the ice cubes.</li><li>3. Enter the forced ice making mode and check whether the ice maker works OK.</li><li>4. If the ice maker does not work, replace the ice maker.</li><li>5. If the fault still occurs, replace the main control PCB.</li></ol>
E1	Refrigerator temperature sensor fails 冷藏室温度传感器故障 / 上间室温度传感器故障	<ol style="list-style-type: none"><li>1. Check whether the connection terminals are plugged in place and whether there are foreign matters in them, after cleaning the terminals, plug them in again.</li><li>2. If the fault still occurs, pull out the corresponding connection terminal on the main control PCB, use a multi meter to check the resistance value of the sensor, and confirm whether it is OK.</li><li>3. If the resistance value is wrong, replace the sensor.</li><li>4. If the fault still occurs, replace the main control PCB.</li></ol>
E2	Freezer temperature sensor fails 冷冻室温度传感器故障 / 下间室温度传感器故障	
E3	Chiller or flex drawer/chamber temperature sensor fails 变温室温度传感器故障	
E4	Defrost sensor in the refrigerating chamber fails 冷藏室化霜传感器故障	
E5	Defrost sensor in the freezing chamber fails 冷冻室化霜传感器故障	
E7	Ambient temperature sensor fails 环境温度传感器故障	
E8	Defrost sensor in chiller or flex drawer/chamber fails 变温室化霜传感器故障	
E6	Main control PCB and Display control PCB communication fails 主控板与显控板通信故障	<ol style="list-style-type: none"><li>1. Check whether the connection terminal on the display control panel, hinge cover and main control PCB are plugged in place and whether there are foreign matters in them, after cleaning the terminals, plug them in again.</li><li>2. If the fault still occurs, pull out all connection terminals, use a multi meter to check the resistance value of the wires. (If test value is <math>\infty\Omega</math>, the wire is broken. If the wire in the door is broken, replace the door. Others cannot be repaired.)</li><li>3. If the wire is OK, replace the display control board.</li><li>4. If the fault still occurs, replace the main control PCB.</li></ol>



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E9	High temperature alarm in the chamber 高温报警	<ol style="list-style-type: none"><li>1. Check whether the door is not closed, or whether there is leakage between the door gasket and the cabinet.</li><li>2. Check whether the door gasket is deformed and causes leakage, reshape or replaced with a new one.</li><li>3. Check whether the frost is OK, if there is ice on the evaporator and the fan motor is frozen, replace a new defroster heater.</li><li>4. Check whether the light switch is damaged, replace new one.</li><li>5. Check whether the fan stops working, plug and unplug connection terminals, or replace a new fan motor.</li><li>6. Check if the pipeline is leaking or blocked. After maintenance, vacuum and refill the refrigerant.</li></ol>
EE	Temp. sensor of ice maker in the freezing chamber fails 冷冻室制冰机温度传感器故障	<ol style="list-style-type: none"><li>1. Check whether the connection terminals are plugged in place and whether there are foreign matters in them, after cleaning the terminals, plug them in again.</li><li>2. If the fault still occurs, pull out the corresponding connection terminal on the main control PCB, use a multi meter to check the resistance value of the sensor, and confirm whether it is OK.</li><li>3. If the resistance value is wrong, replace the sensor.</li><li>4. If the fault still occurs, replace the main control PCB.</li></ol>
C9	Temperature sensor fault of ice-making compartment 制冰间室温度传感器故障 (BCD622W专有)	
CC	Defrost sensor fault of ice-making compartment 制冰间室化霜传感器故障 (BCD622W专有)	
F4	Ice maker of fridge chamber temperature sensor failure 冷藏室制冰机温度传感器故障 (BCD622W专有)	
F7	The upper chamber low temperature testing sensor fails 上间室低温检测传感器故障 (JC416GE专有)	
F8	The lower chamber low temperature testing sensor fails 下间室低温检测传感器故障 (JC416GE专有)	
F5	Ice maker of refrigerating chamber ice-flipping failure 冷藏室制冰机翻冰故障 (BCD622W专有)	<ol style="list-style-type: none"><li>1. Check whether the connection terminals on the ice maker and the main control PCB are plugged in place and whether there are foreign matters in them, after cleaning the terminals, plug them in again.</li><li>2. Enter the forced ice making mode and check whether the ice maker works normally.</li><li>3. If the ice maker does not work, replace the ice motor.</li><li>4. If the fault still occurs, replace the main control PCB.</li></ol>
F6	Ice maker of refrigerating chamber initialization failure 冷藏室制冰机初始化故障 (BCD622W专有)	

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Error code	Fault description	Troubleshooting and Solutions
EF	Water tank installation failure 水箱安装故障(BCD508W内置水箱专有)	<ol style="list-style-type: none"><li>1. Check whether the water tank is installed in place, pull out the water tank and install it again.</li><li>2. Check whether the switch in the water tank seat is damaged, replace a new switch.</li><li>3. Check whether the connection terminals behind the water tank seat is plugged in place and whether there are foreign matters in it, after cleaning the terminal, plug it in again.</li></ol>
EH	Humidity sensor failure 湿度传感器故障	<ol style="list-style-type: none"><li>1. Check whether the wiring connector on humidity sensor is well stuck, and check if there is any foreign matter in the wiring connector. Pull out the wiring connector and clean, then re-stick it in place.</li><li>2. Check if the sensor has an correct output voltage with a multi meter. If not, replace it.</li></ol>
EL	Low temperature alarm in the chamber 低温报警(JC416GE专有)	<ol style="list-style-type: none"><li>1. Check whether the fan stops working, plug and unplug connection terminals, or replace a new fan motor.</li><li>2. If the fault still occurs, replace the main control PCB.</li></ol>
EP	Ice-flipping fault of freeze ice maker 冷冻室制冰机翻冰故障 (BCD622W+BCD746W独有)	<ol style="list-style-type: none"><li>1. Check whether the connection terminal on the ice maker and the main control PCB are plugged in place and whether there are foreign matters in them, after cleaning the terminals, plug them in again.</li><li>2. If the fault still occurs, enter the <b>Forced Ice Making</b> mode and check whether the ice maker works normally</li><li>3. If the ice maker work not OK, replace it with a new one.</li><li>4. If the fault still occurs, replace the main control PCB.</li></ol>
CA	main control PCB and Door ice-making control board communication failure 主控板-制冰板通信故障(BCD622W+BCD746W独有)	<ol style="list-style-type: none"><li>1. Check whether the connection terminal on the ice-maker control PCB, hinge cover and main control PCB are plugged in place and whether there are foreign matters in them; after cleaning the terminals, plug them in again.</li><li>2. If the fault still occurs, pull out all connection terminals, use a multi meter to check the resistance value of the wire between the icemaker control board and the main control PCB to see if it is broken. If test value is <math>\infty\Omega</math>, the wire is broken.</li><li>3. If the wire is OK, replace the icemaker control board.</li><li>4. If the fault still occurs, replace the main control PCB.</li></ol>



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**Note:** For error codes of other products and detailed problem solutions, you can log in to the TSP system for inquiries.

## ■ Where



<https://tsp.midea.com>

## ■ How

**Account:** tsMC\*\*\*\*\* (Provided by Sales Manager)

Each customer have a code in Midea Group, and can get a TSP system login account on initial application. If you want to use this system, please contact Midea Sales Manager.

**Login password:** \*\*\*\*\* (Set and change by customer)

The original password will be sent to this customer account administrator's email address during the initial application. If make more than 5 wrong entries, the account will be locked, please ask the customer account administrator to click the Forgot Password button to change it. If you forget the customer account administrator or need to replace with new one, please contact the REF. TSP administrator.



REF. TSP Administrator: Jamie Liu ( [liujc5@midea.com](mailto:liujc5@midea.com) )

