

Vending Concepts freshly ground coffee machine error codes list

Error code	Description	Code	Trouble-shooting
1	Insufficient water reserves	Faul_No_Pre_WaterBox	a. check if the water in the barrel have run out, b. check if pump pipe is damaged and leakage.
2	Insufficient bean reserves in bean hopper	Faul_No_Coffee Faul_No_Coffee_Weight	a. check if the beans in the bean hopper have run out, b. check whether hatch of bean hopper is drew open.
4	Object left in the pick up port	Faul_Door_cup_Reduy	a. check if the cups in the cup holder have run out, b. check if the infrared sensors of pickup door is out of order.
5	Insufficient cup reserves	Faul_No_Cup	a. check if the cups in the cup cylinders have run out, 2. check if there is any cup jammed up in the cup dispenser channel.
6	Motor of coffee Brewer is over current	ExtractionMotor_CurrentOver	a. clean the coffee brewer with water, the drive turbo must not contain any coffee powder, b. check if the sealing ring of brewer is broken.
7	Motor of coffee brewer is disconnected	ExtractionMotor_NoConnect	a. check if the connector of brewer motor is disconnected.
8	Motor of coffee brewer is timed out	ExtractionMotor_TimeOut	a. check if the connector of brewer motor is loose.
9	Insufficient lid reserves	Faul_No_Cap	a. check if the lids in the lid cylinder have run out. b. check if there is any lid got jammed in the lid dispenser channel.
10	Waste water bucket full	Faul_WaterFullOut	a. empty the waste water bucket.
11	The communication of the lid dispenser is timed out	Faul_MoveControlRunTimeOut	a. check if the connector of RS485 is loose.
21	Boiler is disconnected	Fault_WaterHotNoConnect	a. check if the connector of boiler is loose, b. check the temperature switch on top of the boiler.
22	Pump_1 is disconnected	Fault_WateIn1PumpNoConnect	a. check if the connector of Pump 1 motor is loose.
23	Pump_2 is disconnected	Fault_WateIn2PumpNoConnect	a. check if the connector of Pump 2 motor is loose.
24	Booster pump is disconnected	Fault_PressurePumpNoConnect	a. check if the connector of booster pump motor is loose.
25	Grinder motor is disconnected	Fault_GrindMotorNoConnect	a. check if the fuse of grinder voltage booster board is disconnected, b. check the continuity of the ginder wiring.
26	The brewer is not installed	Fault_ExtractionNoConnect	a. check if the brewer has been installed properly, b. inspect the functionality of the touch switch on the coffee brewer.
28	Cup holder motion motor is over current	DrinkMotor_CurrentOver	a. reduce the speed of cup holder motion motor, b. inspect for foreign objects got stuck physically, c. check the functionality of microswitch and continuity of wiring.
29	Cup holder motion motor is disconnected	DrinkMotor_NoConnect	a. check if the connector of motor is loose, b. increase the speed of cup holder motion motor.
30	Cup holder motor is timed out	DrinkMotor_TimeOut	a. check if the lever of micro switch is being held down.
31	Cup cylinder motor is over current	CupTubeMotor_CurrentOver	a. check if there is any cup got jammed in the dispensing tunnel.

32	Cup cylinder motor is disconnected	CupTubeMotor_NoConnect	a. check if the connector of motor is loose, b. reduce motor parameter of minimum current, c. check the continuity of motor wiring.
33	Cup cylinder motor is timed out	CupTubeMotor_TimeOut	a. check if the lever of cup tube motor micro switch is being held down.
34	Motor of front door electronic lock is over current	DoorMotor_CurrentOver	a. check if the connector of motor is loose, b. reduce the minimum current of motor parameter, c. inspect for foreign objects got stuck physically, d. check if the functionality of micro switch, the motor is supposed to be deactivated while the lever of microswitche being held down.
35	Motor of front door electronic lock is disconnected	DoorMotor_NoConnect	a. check if the connector of motor is loose, b. reduce the minimum current of motor parameter, c. check the continuity of the motor wiring.
36	Motor of front door electronic lock is timed out	DoorMotor_TimeOut	a. check the functionality of micro switch, b. the motor is supposed to be deactivated while the lever of microswitches being held down.
37	Coffee brewer pulse abnormal	Fault_SystemBrewPlus	a. adjust the pressure relief valve of brewer, b. check if the connector of brewer is loose, c. check the continuity of encoder wiring.
38	Cup dispensing failure	Fault_SystemDropError	a. adjust the cup dispenser caliber, b. check the functionality of infrared sensors in cup tunnel, the screen setting interface shall display 'Unblocked' when there isn't any cup jammed in the dispensing tunnel.
39	Boiler is not filled	Fault_SystemBoilerNoFull	a. tap the "Fill Boiler" button to elimtate this error for the first time use.
40	Cup dispenser motor is over current	MotorDrop_CurrentOver	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. inspect for foreign objects got stuck physically, d. check if the functionality of micro switch, the motor is supposed to be deactivated while the lever of microswitches being held down.
41	Cup dispenser motor is disconnected	MotorDrop_NoConnect	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. check the continuity of motor wiring.
42	Cup dispenser is timed out	MotorDrop_TimeOut	a. check the functionality of microswitch, b. check if the functionality of micro switch, the motor is supposed to be deactivated while the lever of microswitches being held down.
43	Pick-up door is over current	SamllMotor_CurrentOver	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. inspect for foreign objects got stuck physically, d. check if the functionality of micro switch, the motor is supposed to be deactivated while the lever of microswitches being held down.
44	Pick-up door is disconnected	SmallMotor_NoConnect	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. check the continuity of motor wiring.
45	Pick-up door is timed out	SmallMotor_TimeOut	a. check the functionality of microswitch, b. check if the functionality of micro switch, the motor is supposed to be deactivated while the lever of microswitches being held down.
46	Pick-up door is blocked	SmallMotor_Body	a. inspect for foreign objects blocking the infrared sensors, b. check the functionality of infrared sensors.
47	The flow meter pulse is abnormal	Fault_Flow_Pules	a. unplug and replug the connector of flow meter b. replace the flow meter

48	Pick-up door opening is timed out	SmallMotor_TimeOut_Open	a. check the functionality of microswitch for door opening, b. check if the functionality of micro switch, the motor is supposed to be deactivated while the lever of microswitches being held down.
49	Pick-up door closing is timed out	SmallMotor_TimeOut_Colse	a. check the functionality of microswitch for door closing, b. check if the functionality of micro switch, the motor is supposed to be deactivated while the lever of microswitches being held down.
50	Pick-up door anti-pinching closing timed out	SmallMotor_TimeOut_Colse_Chenk	
52	Brewer motor is over current	Fault_Top_Motor_Current_Over	a. the brewer needs to be lubricated
53	Brewer motor is disconnected	Fault_Top_Motor_NC	a. check if the connector of motor is loose, b. check the continuity of motor wiring.
54	Brewer motor is timed out	Fault_Top_TimeOut	
55	Brewer switch detection is timed out	Fault_Top_SwitchTimeOut	a. check if the brewer is in right position and the switch rebounds normally.
56	Water level sensor unnormal	Fault_WaterChenkSW	a. check the continuity of water level sensor wiring, b. inspect for foreign objects got stuck in the water transfer box.
57	Coffee brewer high pressure flow meter pulse abnormal	Fault_Flow_Pules_High	Phenomenon: brewer does not produce coffee. a. adjust the extraction pressure, b. adjust the pressure relief valve pressure, c. replace the booster water pump if 1 and 2 don't work.
58	Coffee brewer water flow meter pulse abnormal	Fault_Flow_Pules_Water	a. check if the functionality of booster pump, b. check if the functinality of electromagnetic valve.
80	Motor of powder canister 1 is over current	Fault_MotorGoodsN1_CurrentOver	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. inspect for foreign objects got stuck physically
81	Motor of powder canister 2 is over current	Fault_MotorGoodsN2_CurrentOver	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. inspect for foreign objects got stuck physically
82	Motor of powder canister 3 is over current	Fault_MotorGoodsN3_CurrentOver	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. inspect for foreign objects got stuck physically
83	Motor of powder canister 4 is over current	Fault_MotorGoodsN4_CurrentOver	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. inspect for foreign objects got stuck physically
84	Motor of powder canister 5 is over current	Fault_MotorGoodsN5_CurrentOver	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. inspect for foreign objects got stuck physically
85	Motor of powder canister 6 is over current	Fault_MotorGoodsN6_CurrentOver	a. check if the connector of motor is loose, b. reduce minimum current of motor parameter, c. inspect for foreign objects got stuck physically
94	Motor of powder canister 1 is disconnected	Fault_MotorGoodsN1_NoConnect	a. check if the connector of motor is loose, b. check the continuity of motor wiring.

95	Motor of powder canister 2 is disconnected	Fault_MotorGoodsN2_NoConnect	a. check if the connector of motor is loose, b. check the continuity of motor wiring.
96	Motor of powder canister 3 is disconnected	Fault_MotorGoodsN3_NoConnect	a. check if the connector of motor is loose, b. check the continuity of motor wiring.
97	Motor of powder canister 4 is disconnected	Fault_MotorGoodsN4_NoConnect	a. check if the connector of motor is loose, b. check the continuity of motor wiring.
98	Motor of powder canister 5 is disconnected	Fault_MotorGoodsN5_NoConnect	a. check if the connector of motor is loose, b. check the continuity of motor wiring.
99	Motor of powder canister 6 is disconnected	Fault_MotorGoodsN6_NoConnect	a. check if the connector of motor is loose, b. check the continuity of motor wiring.
201	Discharge valve 1 is disconnected	Fault_Valve_N01_NoConnect	a. check if the connector of discharge valve is loose, b. check the continuity of wiring.
202	Discharge valve 2 is disconnected	Fault_Valve_N02_NoConnect	a. check if the connector of discharge valve is loose, b. check the continuity of wiring.
203	Discharge valve 3 is disconnected	Fault_Valve_N03_NoConnect	a. check if the connector of discharge valve is loose, b. check the continuity of wiring.
204	Discharge valve 4 is disconnected	Fault_Valve_N04_NoConnect	a. check if the connector of discharge valve is loose, b. check the continuity of wiring.
205	High-pressure solenoid valve is disconnected	Fault_Valve_HighPressure_NoConnect	a. check if the connector is loose, b. check the continuity of wiring.
206	Low-pressure solenoid valve is disconnected	Fault_Valve_LowPressure_NoConnect	a. check if the connector is loose, b. check the continuity of wiring.
207	Water chiller is disconnected	Fault_Valve_Cold_NoConnect	a. check if the connector is loose, b. check the continuity of wiring.
208	Drain valve is disconnected	Fault_Valve_WaterOut_NoConnect	a. check if the connector is loose, b. check the continuity of wiring.
209	Motor of mixer 1 is disconnected	Fault_StirMoter_N1_NoConnect	a. check if the connector is loose, b. check the continuity of wiring.
210	Motor of mixer 2 is disconnected	Fault_StirMoter_N2_NoConnect	a. check if the connector is loose, b. check the continuity of wiring.
211	Motor of mixer 3 is disconnected	Fault_StirMoter_N3_NoConnect	a. check if the connector is loose, b. check the continuity of wiring.
212	Motor of mixer 1 is over current	Fault_StirMoter_N1_Over	a. check if the mixer tube jammed by powder, b. clean the stir tube with water.
213	Motor of mixer 2 is over current	Fault_StirMoter_N2_Over	a. check if the mixer tube jammed by powder, b. clean the stir tube with water.
214	Motor of mixer 3 is over current	Fault_StirMoter_N3_Over	a. check if the mixer tube jammed by powder, b. clean the stir tube with water.
220	Solenoid valve of water inlet is disconnected	Fault_DirectWaterValueNoConnect	a. check if the connector is loose, b. check the continuity of wiring.
1004	Cup got stuck in the cup dispenser or infrared sensor malfunctioning	ERR_DROP_HAVE_CUP	If the cup can not be rotated, a. remove the cup/cups got stuck, b. check the functionality of infrared sensors.
1005	Water level switch of ice maker is malfunctioning or wrong pipe causing water discharge failure	ERR_WATER_SENSOR_PIPE	

1006	Lid dispenser communication error	ERR_CON_CAP	a. check if the connector of RS485 is loose, b. check the continuity of wiring.
1007	Ice maker communication error	ERR_CON_ICE	a. check if the connector of RS485 is loose, b. check the continuity of wiring.
1008	Weighing module communication error	ERR_CON_IWEIGHT	a. check if the connector of RS485 is loose, b. check the continuity of wiring.
1011	Cup holder motion motor is disconnected	ERR_MOTOR_OUT_IMAX	a. check if the connector of motor is loose, b. increase the speed of cup holder motion motor.
1012	Cup holder motion motor is over current	ERR_MOTOR_OUT_IMIN	a. reduce the speed of cup holder motion motor, b. inspect for foreign objects got stuck physically,
1013	Cup holder motor is timed out	ERR_MOTOR_OUT_TIMEO T	a. check if the lever of micro switch is being held down.
1021	Ice pushing motor is disconnected	ERR_MOTOR_WEIGHT_IMA X	a. check if the connector is loose, b. check the continuity of wiring.
1022	Ice pushing motor is over current	ERR_MOTOR_WEIGHT_IMI N	a. reduce minimum current of motor parameter, b. check if any ice got stuck
1023	Ice pushing motor is timed out	ERR_MOTOR_WEIGHT_TIM EOUT	a. check the functionality of microswitch, b. check if the functionality of micro switch, the motor is supposed to be deactivated while the lever of microswitches being held down.
1024	Ice maker external water supply shortage	ERR_PIPED_WATER	a. no external water supply, check the water source
1025	Customer did not pick up the coffee	ERR_NOT_TAKE_GOODS	a. remove the cup in the cup holder, b. check for foreign objects blocking infrared sensors.
1026	The anti-pinch sensor is being blocked	ERR_HAVE_HAND	a. check for foreign objects blocking infrared sensors.
1027	Insufficient ice cubes	ERR_NO_ICE	a. wait for the ice production or restart the ice machine
2001	ice_maker 's Water level sensor unnormal	ERR_KEY_WATER_H	a. check if the connector of water level sensor is loose, b. check the continuity of wiring, c. inspect for foreign objects got stuck physically in the water box.
2002	Ambient temperature is too low	ERR_LOW_TEMP	a. machine doesn't work for water tank protection while in low ambient temperature
2003	Ice maker motor is disconnected or no current	ERR_MOTOR_I_MIN	a. repalce the ice_make 's board R14 resistance to 200 Ω
2004	Stirring ice error	ERR_MOTOR	
2005	Compressor is disconnected or no current	ERR_CMP_I_MIN	a. check if the connector is loose, b. check the continuity of wiring.
2006	Compressor is over curret	ERR_CMP_I_MAX	Compressor damage, shut it down and seek for professional help.
2007	Ice production error	ERR_ICE_FULL	
2008	Ice maker waste water bucket full	ERR_WATER_TRASH_FULL	a. empty waste water bucket, b. the float was pulled up, c. the lever of waste water bucket micro switch is being held down, d. board malfunctioning.
2009	Ice maker failed to drain water	ERR_KEY_WATER_L	a. check if the connector of drain valve is loose, b. check the continuity of wiring.
2010	Water failed to be pumped up	ERR_PUMP_WATER	a. check if there is water in bucket, b. check if pump pipe is damaged or leakage
2011	Lower water level switch deactivated while above high water level	ERR_WATER_HL	

		Ice maker Error codes	
		PXXX(x as digits)	XXX stands for how long ice maker has been working
		HXXX(x as digits)	XXX stands for the time of one single fulfill of ice to bucket
		E001	Ice maker is short of water
		E002	The ambient temperature is too low
		E003	The stir motor is disconnected or no current
		E004	Ice stirring error
		E005	The compressor is disconnected or no current
		E007	Ice production error
		E008	Waste water bucket full
		E009	Ice maker failed to drain water
		E010	Ice maker failed to pump water
		E011	sensor of water transfer box is damaged