3. Error Mode

표 시	Error Description	Error Sensing	Error Release
5 E	Water drain abnormal	When water didn't reach the reset level within 4 minutes after the start of water drain,	Re-start releases Error.
d E	Door open/close abnormal	When door was opened at the starting time of operation.	Re-start releases Error.
d E 1	Door lock S/W abnormal	When Door S/W didn't function with Door Close signal, or When Door S/W didn't function with Door Release signal.	Reset of Power S/W releases Error.
d E 2	Door lock S/W abnormal	When more than 20 times of Start signal were added to Door lock coil for 2 minutes,	Error will be released 2minutes after Error occurrence or by Reset of Power S/W.
U E	Un-Balance abnormal	When Unbalance was still sensed after performing 3 times of Unbalance release during the last time of dehydration,	Re-start releases Error.
H E	Abnormal temperature sensed (Wash Heater Part)	When higher than 100℃ of water temperature was sensed by Thermistor,	After Error is displayed, Power will be automatically OFF.
H E 1	Heating abnormal	When the temperature changed more rapidly than 7℃/min during the Heating (for boiling course as an exmaple)	Reset of Power S/W releases Error.
4 E	Water supply abnormal	When water was not supplied to the target level in 15 minutes	Re-start releases Error.
1 E	Water level sensor abnormal	When the input signal of water level sensor was higher than 30KHz, or less than 10KHz	Reset of Power S/W releases Error.
o F	Over-Flow abnormal	This error happens when water level reached the Overflow level(less than 20.48Kh), Door is not opened at this time. (the water is drained by force to the water level less than 22.82Kz)	Error will be released by draining water to the levle for Door Open.
3 E	Motor abnormal	When more than 16 times of sequential abnormal signals were sensed by Motor Drive Micom(abnormal at Hall-ic, or winding wire)	Reset of Power S/W releases Error.
11 E	Water leak	When water level went down below the Reset level during the washing or rinse.	Reset of Power S/W releases Error.
12 E	Power S/W abnormal	When the electric contact was not detached during the Power on/off	Reset of Power S/W releases Error.
13 E	Signal communication abnormal	When signal communication was abnormally interupted between Main Micom and Display Micom for longer than 5sec, and between Main Micom and Motor Micom for longer than 7sec	When the communication is normalized after Re-start, Error will be released.
t E	Themister abnormal	When Themister was opened or under detection for checking electric short	After Error is displayed, Power will be automatically OFF.
8 E	Feed hoses of Hot/Cold water oppositely connected.	When hotter than 50℃ of water was supplied for the Wool/Lingerie Course	Reset of Power S/W releases Error.
14 E	Button abnormal	When a button was being continuously pressed longer than 1 minute	When Button Under Pressed was released, Error will be automatically released.
CE	Cooling abnormal	When water temperature was not cooled down below 50℃ within 30 minutes after the Heating	Re-start releases Error.

4. Symptoms of Errors and Related Parts to be Checked

No	Symptoms of Errors	Heater	Main Motor	Hall Sensor	Water Level Sensor	EMI Filter Sensor	Leg	Water Supply Valve	Damper	Power Code	Thermistor	Thermostat	Door S/W	Drain Pump	Water Feed Hose	Drain Hose	Door Open	Door Lever	Main PCB	Power S/W	Manual Lever	Dia-frame
1	Power not On(12E)					○				○									○	○		
2	Heating not performed.(Boiling course not functioned)	○									○	○							○			
3	Water leaks(11E)	○						○					○		○	○	○					○
4	Electric leakage happens(circuit breaker gets down).	○				○		○		○			○	○	○				○	○		
5	Water not supplied.(4E)				○			○							○				○			
6	Door not locked/not opened.(dE,dE1,dE2)				○								○				○	○	○	○		
7	Motor not rotated.(3E)		○	○						○			○						○			
8	Water not drained.(5E)				○									○		○			○			
11	Loud noise during the dehydration.(uE)						○		○					○								
12	Smoke rises from washing machine.	○	○							○	○	○	○						○	○		
13	Foam comes out.				○														○			○
14	Noise during the water drain													○								
15	Thermistor abnormal(tE)	○									○								○			
16	Hot/Cold water oppositely supplied(8E)							○							○							