

5-2 Checking methods per error mode

No.	LED indication	Symptom	Possible cause	Indication method	LED / buzzer state
1	 power  eco mode  seat temp.	The water temperature does not increase even if a higher temperature is selected.	1. The temperature Sensor (T2) is faulty. 2. The PBA is faulty. 3. The Ceramic Heater is faulty.	1. If this state continues for 7 seconds or longer, an error is detected.	Error Code 1 Bell: Rings. LED: The Seat LED blinks.
2	 power  eco mode  seat temp.	The water flow rate is 150 cc or slower.	1. The supply water valve is closed. 2. The feed water sol valve is faulty. 3. The flow Rate Sensor is faulty. 4. The filter is clogged. 5. The PBA is faulty. 6. Water leaks.	1. If this state continues for 200 ms or longer, an error is detected. 2. Insert the nozzle and wait. 3. This works normally when the amount of water is 200 cc or more.	Error Code 2 Bell: Rings once. LED: None.
3	 power  eco mode  seat temp.	This occurs when the seat temperature sensor detects a temperature of 51 °C or higher (when the Flow Rate Sensor is working).	1. The seat heater is faulty. 2. The seat temperature sensor is faulty. 3. The PBA is faulty.	1. If this state continues for 2 seconds or longer, the error is detected. 2. When the power is turned on again, the error is cleared.	Error Code 3 Bell: Rings. LED: The Power Saving and Seat LEDs blink.
4	 power  eco mode  seat temp.	This occurs when the feed water temperature (T1) is 41 °C or higher.	1. The temperature Sensor (T1) is faulty. 2. The PBA is faulty.	1. If this state continues for 2 seconds or longer, an error is detected. 2. When the power is turned on again, the error is cleared.	Error Code 4 Bell: Rings. LED: The Power LED blinks.

No.	LED indication	Symptom	Possible cause	Indication method	LED / buzzer state
5	 power  eco mode  seat temp.	This occurs when the feed water temperature (T2) is 45 °C or higher.	1. The temperature Sensor (T2) is faulty. 2. The PBA is faulty.	1. If this state continues for 100 ms or longer, the error is detected. 2. Performs self-cleansing after 10 seconds. 3. When the feed water temperature difference is 5 °C or less, the error is cleared.	Error Code 4 Bell: Rings. LED: The Power LED blinks.
6	 power  eco mode  seat temp.	Voltage 120 V : An error is detected when the voltage is 87 V or lower or the voltage is 150 V or higher. Voltage 240 V : An error is detected when the voltage is 190 V or lower or the voltage is 290 V or higher.	1. The input power voltage is unstable. 2. The PBA is faulty.	1. An error is detected 3 seconds after turning the power on. 2. An error is detected when it is detected for 2 seconds or longer (± 5 V) 3. This is automatically restored when the power voltage is normal. 4. The error is cleared 10 seconds after the power is restored.	Error Code 5 LED: The Power and Seat LEDs blink.
7	 power  eco mode  seat temp.	Frequency 60 Hz: An error is detected when the frequency is 55 Hz or lower or the frequency is 65 Hz or higher. 50 Hz: An error is detected when the frequency is 45 Hz or lower or the frequency is 55 Hz or higher.	1. The input power frequency is unstable. 2. The PBA is faulty.	1. An error is detected 3 seconds after turning the power on. 2. An error is detected when it is detected for 2 seconds or longer (± 1 Hz)	Error Code 5 Bell: Rings. LED: The Power and Seat LEDs blink.
8	 power  eco mode  seat temp.	An open-circuit or short-circuit of the temperature sensors T1, T2, or the seat temperature sensor is detected.	1. The temperature sensor is faulty. 2. The PBA is faulty. 3. A short-circuit occurs due to a water leakage.	1. If this state is detected for 100 ms or longer, an error is detected.	Error Code 6 Bell: Rings. LED: The Power and Power-Saving LEDs blink.