

## Washer-Extractor (Belgium made)

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Display	Description	Cause/Corrective Action
A0	Program Error	Program key in wrong position when trying to access Program Mode. Correct position of program key.
A2	Program Error	Program selected does not exist. Select another program.
A3	Program Error	Program was not pre-programmed or memory has been lost. Replace E Prom.
A4	Water Level Program Error	Programmed water level was not reached after 15 minutes. Check inlet water supply, inlet water valves, drain valve and water level switch.
A5	Temperature Program Error	Programmed temperature was not reached after 60 minutes. Check auxiliary heating systems, inspect temperature sensor and check water safety level switch.
A6	Temperature Error	Temperature in the cylinder is unsafe at the end of the cycle. Allow laundry to cool down before removing.
A7	Drain Error	Level switch detects water remaining in the drum at the end of the cycle. Inspect drain valve and drain outlet.
A8	Temperature Sensor Error	Temperature sensor or temperature sensor circuit is defective. Replace temperature sensor. Repair sensor wiring.
A9	Motor Thermal Error	Motor thermal protector was activated. Check the following: motor, motor connections, contactors, input voltage, inverter, motor and machine bearings.

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Ab	Drain Error	Level switch detects water remaining in the drum at the end of the cycle. Inspect inlet water valves and drain valve.
Ac	Drain Error	Water was not drained after three minutes. Inspect drain valve and drain outlet.
Ad	Speed Sensor Error	The machines is not running at correct RPM or speed sensor is defective (if Ad is blinking it will take 4-5 minutes to unlock door). Check door lock circuit. Inspect door lock mechanism.
AE	Position Error	Cylinder cannot find the correct position (Hygienic machines only). Press "NO" to position tub at load or unload side, press "1" to open load door and press "2" to open unload door.
AG	Speed Sensor Error	The final spin was at a lower RPM (Smart Spin) than programmed. Check for an unbalanced load.
AH	Tilt Switch Error	Maximum number of tilts was exceeded, skipping the final spin. Check load size and type. Check for an unbalanced load.
E3	Damaged E Prom	Replace the E Prom.
E4	The cycle's programmed water level was not reached within 15 minutes	Inspect the water inlet supply, water inlet valves, drain valve and water level switch.
E5	The cycle's programmed water level was not reached within 80 minutes	Inspect the water inlet supply, water inlet valves, drain valve and water level switch.
E6	The door lock was released during the cycle	Inspect the door lock and door lock circuit.
E7	The water did not drain and the machine did not go into spin	Inspect the drain valve and drain outlet.
E8	The temperature sensor's wiring or the temperature sensor is damaged	Inspect the temperature sensor's wiring. Replace the temperature sensor as needed.
E9	The thermo-magnetic protection was activated 5 times, indicating a high motor current	Inspect the motor wiring connections, motor, contactors, input voltage, inverter, motor/machine bearings and for excessive soap left in the basket at the end of the cycle.
E1	Drain failure cooldown	Error occurs when the electronic timer detects water is not drained after 3 minutes in a cooldown sequence. Check drain tube and repair if necessary. Check wiring to valve and repair. Check drain valve and replace if necessary.

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E2	Drain failure	Occurs when electronic timer detects water is not drained after 3 minutes in a drain or spin sequence. Check drain tube and repair if necessary. Check wiring to valve and repair. Check drain valve and replace if necessary.
E3	Out of balance before spin	Error will occur before spin sequence is started and machine will not spin. Make sure out of balance switch is correctly mounted. Check wiring to switch and make sure there are no loose connections or repair wiring if no continuity. Check if out of balance switch is broken and replace.
E4	Out of balance normal spin	Error will occur when machine is badly loaded. Machine will try up to 10 times to redistribute laundry in drum before error occurs. Make sure out of balance switch is correctly mounted. Check wiring to switch and make sure there are no loose connections or repair wiring if no continuity. Check if out of balance switch is broken and replace.
E5	Out of balance high spin	Occurs when out of balance sensor is activated during high spin. Check position of out of balance switch and make sure is correctly mounted. Check springs and other mechanical parts that fix the drum and replace as necessary. Check wiring to switch and repair. Make sure machine is installed correctly and stable.
E6	Door switch failure	If during the wash cycle the washer computer detects the door switch is not closed, the machine will immediately stop all functions and the door will stay locked. Check the door switch and replace if it is broken or malfunctions. Check the continuity of the wiring and repair if necessary. Check the door switch at the inputs menu and if not functional, replace wash computer.
E7	Door lock solenoid switch failure	If during the wash cycle the washer computer detects the door lock solenoid switch is not closed, the machine will immediately stop all functions and the door will stay locked. Check the door lock solenoid switch and replace if it is broken or malfunctions. Check the door lock coil and if it's not functioning properly, replace it. Check the mechanical functionality of the door lock and if it's not functioning properly, replace the door lock system. Check the continuity of the wiring and repair if necessary. Check the door switch at the inputs menu and if not functional, replace wash computer.

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E8	Door lock check at start failure	This error will occur each time the door lock sequence cannot be finished once started. Make sure door handle is centered against door lock and replace handle if damaged. Make sure input connector DL is connected. Repair or replace door lock solenoid switch and door lock coils if not working properly. Replace door lock system if not functioning mechanically. Make sure there is continuity in the wiring. Check the output relay that powers the door lock coil and replace computer if relay is broken. Make sure door lock solenoid switch is functioning properly at the inputs menu; if not, replace computer. If the door switch is broken or does not function correctly, replace door switch.
E9	Door lock solenoid switch closed failure at cycle end	If within 30 seconds of the end of the cycle the door lock solenoid switch does not open, this error will occur. Check the door lock solenoid switch and repair or replace. Make sure door lock coil is functioning properly and replace if necessary. Make sure mechanical functionality of door lock is good and replace door lock system if there is a problem. Make sure there is continuity of the wiring. If output relay that power door lock coils is broken, replace the wash computer.
E10	Bimetal/Spring	The bimetal/spring is checked each cycle to make sure door cannot be opened immediately when power is switched off. Error will occur if bimetal/spring is defective. Check bimetal/spring and replace if defective. Make sure mechanical functionality of door lock is good and replace door lock system if there is a problem. Make sure there is continuity of the wiring. Check door unlock coil and make sure it's working properly. If output relay that power door lock coils is broken, replace the wash computer.
E11	Fill failure	This error occurs when the water level has not reached its target level in the maximum fill time. If water flow is very slow, increase the value for the max fill time. Check that the external water valves are open and free of dirt. Make sure the coil of the water inlet valve is working properly. Replace drain valve if defective. Make sure rubber hose is mounted properly. Make sure air hose on electronic sensor is air tight and doesn't contain any water. Check continuity of wiring and repair as necessary. Check output relay that powers inlet valves and drain valve and replace wash computer if relays not working properly.
E12	Overfill failure	This error occurs if the water level exceeds the maximum water level. Make sure water inlet valves are not broken and clean or replace as needed. Make sure water pressure is not too high. Check output relay that powers inlet valve and replace wash computer if relay is not working properly.

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E13	Heating failure	This error occurs if the temperature is not raised 3°C (37°F) in 10 minutes. Make sure the heating contactor is activated and repair the wiring or replace the contactor. Check the heating elements and if they are not heating, repair the wiring or replace the heater elements. Make sure the temperature sensor is functioning and replace as necessary. Check output relay that powers the heating contactor and replace wash computer if relay is not working properly.
E14	Heating time failure	Error will occur after the programmed maximum heating time has passed and the target temperature is not reached. If the machine has a small heating capacity, increase the value of the max heating time. Check if the heating resistors are heating and repair the wiring or replace the defective heater elements. Make sure water temperature is not too low. Make sure the temperature sensor is functioning and replace if defective.
E15	Too hot	Error will occur if water temperature is 15°C (59°F) above target temperature. Check if the correct water inlet valves have been programmed. Choose the correct water inlet valves for the wash sequence or adjust the parameters of the wash program. Make sure water inlet valves are functioning properly. Make sure supplied water temperature is not too hot. Make sure temperature sensor is functioning and replace if faulty. Replace heating contactor if it stays closed. Check the output relay that powers the heating contactor. If the relay stays closed and the relay is broken, replace the power board. If the relay is not broken but receives a not allowed signal from the wash computer, replace wash computer.
E21	Overflow failure	This error occurs when the water level raises above the hole of the overflow tube. Make sure overflow hole and tube are not blocked. Make sure drain tube is not blocked. Make sure water inlet valves are working properly. Make sure output relay that powers the water inlet valve is working properly. If relay stays closed and is broken, replace wash computer.
E22	Flush failure	When the flush valve is active and the machine is losing 7 cm (2.75 in.) of water, the drain will be opened. Check drain valve and replace if it's losing water. If machine is losing water, replace defective parts.
E24	Defective level sensor	Error occurs during wash cycle. Check level sensor visually and replace wash computer if you see damage.

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E25	Defective temperature sensor	Error occurs during wash cycle. Make sure temperature sensor is connected on the PCB board. Check temperature sensor and replace if damaged. Make sure the resistance is correct on the sensor and replace as needed. Make sure earth wire is at the middle of the connector. Check PCB board and replace if damaged.
E26	Undefined frequency inverter error code	This error occurs if inverter gives an error message that is not recognized by the wash computer. Updating the software might help discover which error code occurred. Contact manufacturer if problem persists.
E27	Communication fault inverter	Error occurs when there is no communication between wash computer and inverter. If the inverter or washer computer is new, make sure the right machine type and washing machine power supply have been selected. Make sure door is closed and locked. Make sure inverter is energized. If power is not getting to the inverter, repair power supply. If supply voltage is OK, replace inverter. Make sure fuses are operational. Make sure safety inverter contactor is working properly. Make sure connectors on both sides of communication cable are still connected. Make sure wiring is OK. If output relay is broken, replace wash computer
E28	THT (Mitsubishi) / E. OL (KEB) Timeout	Error occurs when the wash computer cannot handle the fault of the inverter. Make sure correct machine type is selected. Make sure the correct inverter parameters are loaded into the wash computer. Make sure power supply is sufficient and stable during extraction load. Check that drum rotates normally by hand and repair or clean as necessary. If fault is persistent, contact manufacturer.
E29	OV3 (Mitsubishi) / E. OP (KEB) Timeout	Error occurs when the wash computer cannot handle the fault of the inverter. Make sure correct machine type is selected. Make sure the correct inverter parameters are loaded into the wash computer. Check if there was unbalance during extraction - always put a full load in the machine. If fault is persistent, contact manufacturer.
E31	Initialization fault inverter	Error occurs when there is a problem while wash computer writes the dedicated inverter parameters into the inverter EPROM memory. Error means not all dedicated inverter parameters have been loaded and as a result the inverter will not work correctly. Make sure door is closed and locked. Make sure inverter is energized. Try to write parameters to the inverter again. If fault is persistent, contact manufacturer.