13.6 Table of alarm codes

Alarm	Description	Possible fault	Action/machine status	Reset
E11	**Poor water fill before wash cycle**	Tap closed or water pressure too low; Drain tube improperly positioned; Water fill solenoid valve is defective; Leaks from water circuit on pressure switch; Pressure switch defective; Wiring defective; Main board defective.	Cycle is paused with door locked	Start
E12	**Difficulty in water fill during drying (maximum time 3 min. water fill in drying during the wash load unrolling phase)**	Tap closed or water pressure too low; solenoid valve; pressure switch water circuit; pressure switches; wiring; main board.	Cycle is paused	Start
E13	**Water leaks**	Drain tube improperly positioned; Water pressure too low; Water fill solenoid valve is defective; Water circuit on pressure switch is leaking/clogged; Pressure switch defective.	Cycle is paused with door locked	Start
E21	**Poor draining**	Drain tube kinked/clogged/improperly positioned; Drain filter clogged/dirty; Drain pump defective; Pressure switch defective; Wiring defective; Main board defective; Electrical current leak between heating element and ground.	Cycle is paused	Start
E22	**Difficulty in water fill during drying or drying condenser clogged (anti-boiling pressure switch closed on "FULL")**	Drain hose kinked; filter clogged: drying condenser clogged; drain pump faulty; pressure switches faulty; wiring; main circuit board defective; current leakage between heater and ground.	Cycle is paused	Start
E23	**Defective triac for drain pump**	Drain pump defective; Wiring defective; Main board defective.	Emergency drain procedure - Cycle stops with door unlocked	OFF/reset
E24	**Malfunction in sensing circuit on triac for drain pump**	Main board defective.	Emergency drain procedure - Cycle stops with door unlocked	OFF/reset
E31	**Malfunction in pressure switch circuit (frequency of signal from pressure switch out of limits)**	Pressure switch; Wiring; Main board;	Cycle stops with door locked	OFF/reset
E32	**Electronic pressure switch improperly calibrated (level on electronic pressure switch differs from 0-66 mm after initial calibration drain and when anti-boiling pressure switch is on "empty").**	Tap is closed or water pressure is too low; Solenoid valve; Water circuit on pressure switches; pressure switches; Wiring; main board;	Cycle is paused	Start
E33	**Inconsistency between level on electronic pressure switch and level on anti-boiling pressure switch 1(fault persists for at least 60 sec.).**	Pressure switch defective; Electrical current leak between heating element and ground; Heating element; Wiring defective; Main board defective. Water circuit;	Emergency drain procedure - Cycle stops with door unlocked	OFF/reset
E34	**Inconsistency between level on electronic pressure switch and level on anti-boiling pressure switch 2 (fault persists for at least 60 sec.).**	Pressure switch defective; Electrical current leak between heating element and ground; Heating element; Wiring defective; Main board defective. Water circuit;	Emergency drain procedure - Cycle stops with door unlocked	OFF/reset
E35	**Overflow**	Water fill solenoid valve is defective; Leaks from water circuit on pressure switch; Pressure switch defective; Wiring defective; Main board defective.	Cycle stops. Emergency drain procedure. Drain pump continues to operate (5 min. on, then 5 min. off, etc.).	OFF/reset

Alarm	Description	Possible fault	Action/machine status	Reset
E36	**Sensing circuit on anti-boiling pressure switch 1 defective**	Main board defective.	Cycle stops with door locked	OFF/reset
E37	**Sensing circuit on anti-boiling pressure switch 2 defective**	Main board defective.	Cycle stops with door locked	OFF/reset
E38	**Internal pressure takeoff is clogged (water level does not change for at least 30 sec. of drum rotation).**	Water circuit on pressure switches; Pressure switches; Motor belt broken;	Heating phase is skipped	---
E39	**Defective HV sensing on anti-overflow system**	Main board defective.	Cycle stops with door locked	OFF/reset
E3A	**Faulty sensing by heating resistance relay**	Main board defective.	Cycle stops with door locked	OFF/reset
E41	**Door unlocked**	Door lock unit defective; Wiring defective; Main board defective.	Cycle is paused	Start
E42	**Problems closing the door**	Door lock unit defective; Wiring defective; Main board defective	Cycle is paused	Start
E43	**Defective triac supplying power to door delay system**	Door lock unit defective; Wiring defective; Main board defective.	(Emergency drain procedure) Cycle stops	OFF/reset
E44	**Defective sensing by door delay system**	Main board defective.	(Emergency drain procedure) Cycle stops	OFF/reset
E45	**Defective sensing by triac on door delay system**	Main board defective.	(Emergency drain procedure) Cycle stops	OFF/reset
E51	**Motor power supply triac short-circuited**	PCB faulty; current leakage from motor or from wiring.	Cycle blocked, door locked (after 5 attempts)	OFF/reset
E52	**No signal from motor tachometric generator**	Motor faulty; wiring faulty; PCB faulty	Cycle blocked, door locked (after 5 attempts)	OFF/reset
E53	**Motor triac sensing circuit faulty**	PCB faulty.	Cycle blocked, door locked	OFF/reset
E54	**Motor relay contacts sticking**	PCB faulty; current leakage from motor or from wiring	Cycle blocked, door locked (after 5 attempts)	OFF/reset
E61	**Insufficient heating during washing**	NTC sensor faulty; heating element faulty; wiring faulty; PCB faulty.	The heating phase is skipped	---
E62	**Overheating during washing**	NTC sensor faulty; heating element faulty; wiring faulty; PCB faulty.	Safety drain cycle – Cycle stopped with door open	OFF/reset
E66	**Heating element power relay faulty**	PCB faulty; current leakage from heating element to ground.	Safety drain cycle – Cycle stopped with door open	OFF/reset
E71	**NTC sensor for wash cycle defective**	Defective NTC sensor; Wiring defective; Main board defective.	Heating is skipped	Start
E72	**Fault in NTC sensor on drying condenser (voltage out of range = short-circuit, open circuit)**	Drying NTC sensor (condenser) defective; wiring defective; main circuit board defective.	Heating is skipped	Start
E73	**Fault in NTC sensor on drying duct (voltage out of range = short-circuit, open circuit)**	Drying NTC sensor (duct) defective; wiring defective; main circuit board defective.	Heating is skipped	Start
E74	**NTC sensor for wash cycle improperly positioned**	NTC sensor improperly positioned; Defective NTC sensor; Wiring defective; Main board defective.	Heating is skipped	Start
E82	**Error in selector reset position**	PCB faulty (Wrong configuration data). Selector, wiring	---	OFF/reset
E83	**Error in reading selector**	PCB faulty (Wrong configuration data). Selector, wiring	Cycle cancelled	---

Alarm	Description	Possible fault	Action/machine status	Reset
E84	**"Sensing" circuit on circulation pump triac faulty (input signal to microprocessor always 0V or 5V)**	PCB	Drain, cycle blocked (door open)	OFF/reset
E85	**Circulation pump faulty (incongruency between status of "sensing" circuit on circulation pump and status of TRIAC)**	Circulation pump; wiring; main PCB	Drain, cycle blocked (door open)	OFF/reset
E91	**Communication incongruence between main PCB-display board (versions not compatible)**	Wiring faulty; Faulty control/display board Main PCB faulty.	Cycle interrupted	---
E92	**Communication incongruence between main PCB-display board (versions not compatible)**	Wrong control/display board; Wrong PCB (do not correspond to the model).	Cycle interrupted	---
E93	**Incorrect configuration of appliance**	Incorrect configuration data; PCB faulty.	Cycle interrupted	OFF/reset
E94	**Incorrect configuration of washing cycle**	Incorrect configuration data; PCB faulty.	Cycle interrupted	OFF/reset
E95	**Communication error between microprocessor and EEPROM**	PCB faulty.	Cycle interrupted	OFF/reset
E97	**Incongruence between programme selector and cycle configuration**	Faulty PCB (Wrong configuration data).	Cycle interrupted	OFF/reset
EB1	**Frequency of appliance incorrect**	Power supply problems (incorrect / disturbance); PCB faulty.	Cycle interrupted	---
EB2	**Voltage too high**	Power supply problems (incorrect / disturbance); PCB faulty.	Cycle interrupted	---
EB3	**Voltage too low**	Power supply problems (incorrect / disturbance); PCB faulty.	Cycle interrupted	---
EC1	**Solenoid valve inoperative but flow meter operating**	Main board defective, Solenoid valve defective	Cycle stops with door locked (after 5 attempts).	OFF/reset
EC2	**Signal from turbidity sensor out of limits**	Turbidity sensor defective, Main board defective, Wiring defective	---	Start/reset
EC3	**Signal from weight sensor out of limits**	Weight sensor defective, Main board defective, Wiring defective	---	Start/reset
EF1	**Drain filter blocked (too long drain phase)**	Drain tube blocked/kinked/too high; Drain filter dirty/blocked.	Warning displayed at the end of cycle (specific LED)	---
EF2	**Overdosing of detergent (too much foam during drain phases)**	Excessive detergent dosing; drain tube kinked/blocked; Drain filter dirty/blocked.	(specific LED)	---
EF3	**Control water intervention**	Water leakage on the base; faulty water control device.	Water drain and cycle blocked	OFF/reset
EF4	**No alarm**	---	---	---
E00	**Drain filter blocked (too long drain phase)**	Drain tube blocked/kinked/too high; Drain filter dirty/blocked.	Warning displayed at the end of cycle (specific LED)	---