

UPDATING ALARM TABLE ENV06 (Rev. 02)

- ↪ In the previous tables, the alarm initials were all indicated with capital letters, while the display of the appliance shows both capital and small letters.
- ↪ The alarm initials in this table are indicated as they appear in the display.
- ↪ In the alarm list was wrongly written **E5b**, while the display shows **E5H**.
- ↪ Depending on the software installed in the PCBs, some appliances show **E9b** some others **E9H** (the displaying changes, but the alarm is the same).
- ↪ In the previous platforms some alarms were displayed with the initials:

Eb+(number/letter)

with possible misinterpretation of the letter **b** with the number **six**.

To avoid this problem, in this platform the letter **b** has been replaced with letter **H**.

Alarm	Possible fault	Action/machine status	Reset	Alarm
E00	Nessun allarme	-----	-----	-----
E11	Difficulties in water fill for washing	Tap closed or water pressure too low; Drain tube improperly positioned; Water fill solenoid valve is faulty; Leaks from water circuit on pressure switch; Pressure switch faulty; Wiring faulty; PCB faulty.	Cycle is paused with door locked.	START/RESET
E12	Difficulties in water fill for drying	Tap closed or water pressure too low; Drain tube improperly positioned; Water fill solenoid valve is faulty; Leaks from water circuit on pressure switch; Pressure switch faulty; Wiring faulty; PCB faulty.	Cycle is paused with door locked.	START/RESET
E13	Water leakage	Drain hose incorrectly positioned; mains pressure insufficient; water fill solenoid faulty; leakage/blockage of pressure switch hydraulic circuit; pressure switch faulty.	Cycle is paused with door locked.	START/RESET
E21	Difficulties in draining for washing	Drain tube kinked/clogged/improperly positioned; Drain filter clogged/dirty; Drain pump faulty; Pressure switch faulty; Wiring faulty; PCB faulty.	Cycle is paused (after 2 attempts).	START/RESET
E22	Difficulties in draining for drying	Drain tube kinked/clogged/improperly positioned; Drain filter clogged/dirty; Drain pump faulty; Pressure switch faulty; Wiring faulty; PCB faulty.	Cycle is paused.	START/RESET
E23	Drain pump triac faulty	Drain pump faulty; Wiring faulty; PCB faulty.	Safety drain cycle - Cycle stops with door unlocked.	RESET
E24	Fault in "sensing" circuit of drain pump triac (wrong input signal to microprocessor)	PCB faulty.	Safety drain cycle - Cycle stops with door unlocked.	RESET
E31	Electronic pressure switch circuit faulty (frequency of pressure switch signal out of limits)	Electronic pressure switch; Wiring; PCB faulty.	Cycle blocked with door closed.	RESET
E32	Incorrect calibration of electronic pressure switch (The electronic pressure switch generates a signal with instable frequency during the drain phase)	Drain tube kinked/clogged/improperly positioned; Drain filter clogged/dirty; Drain pump faulty; Leaks from water circuit on pressure switch; Pressure switch; Wiring faulty; PCB faulty.	Cycle is paused.	START/RESET
E35	Water overflow	Water fill solenoid faulty; Leaks from water circuit on pressure switch; pressure switch faulty; wiring faulty; PCB faulty.	Cycle blocked. Safety drain cycle. Drain pump always in operation (5 minutes on, 5 minutes off etc.).	RESET
E38	Pressure chamber blocked (water level does not vary for at least 30 sec. during drum rotation)	Motor drive belt broken; Hydraulic circuit pressure switch clogged.	Heating phase skipped.	ON/OFF RESET
E3A	Heating elem. relay sensing faulty (input signal to microprocessor always 0V or 5V)	PCB faulty.	Cycle blocked with door closed.	RESET
E41	Door open (after 15 sec.)	Door interlock faulty; wiring faulty; PCB faulty.	Cycle paused.	START/RESET
E42	Problems of door closure	Door interlock faulty; wiring faulty; PCB faulty.	Cycle paused.	START/RESET
E43	Interlock power supply triac faulty	Door interlock faulty; wiring faulty; PCB faulty.	(Safety drain cycle) Cycle blocked.	ON/OFF RESET

Alarm	Possible fault	Action/machine status	Reset	Alarm
E44	Door interlock sensing circuit triac faulty	PCB faulty.	(Safety drain cycle) Cycle blocked.	ON/OFF RESET
E45	Door interlock sensing circuit triac faulty (wrong input signal to microprocessor)	PCB faulty.	(Safety drain cycle) Cycle blocked.	ON/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).	RESET
E52	No signal from motor tachometric generator	Motor faulty; wiring faulty; PCB faulty.	Cycle blocked, door locked (after 5 attempts).	RESET
E53	Motor triac sensing circuit faulty (input signal to microprocessor wrong)	PCB faulty.	Cycle blocked, door locked.	RESET
E54	Motor relay contacts sticking (high voltage level when the relay changes to OFF)	PCB faulty; current leakage from motor or from wiring.	Cycle blocked, door locked (after 5 attempts).	RESET
E57	Inverter is drawing too much current (>15A)	Motor-Inverter wiring faulty; Inverter board faulty, Motor faulty.	Cycle blocked, door locked (after 5 attempts).	RESET
E58	Inverter is drawing too much current (>4,5A)	Motor abnormal operation (overloaded); Motor-Inverter wiring faulty; Motor faulty; Inverter board faulty.	Cycle blocked, door locked (after 5 attempts).	RESET
E59	No signal for tachometric generator for three seconds	Motor-Inverter wiring faulty; Inverter board faulty, Motor faulty.	Cycle blocked, door locked (after 5 attempts).	RESET
E5A	Overheating for heat dissipator for Inverter	Overheating caused by continuous operation or ambient conditions (let appliance cool down); Inverter board faulty. NTC open (on the Inverter board).	Cycle blocked, door locked (after 5 attempts).	RESET
E5H	Input voltage is lower than 175V	Wiring faulty; Inverter board faulty.	Cycle blocked, door locked (after 5 attempts).	RESET
E5C	Input voltage is too high	Input voltage is too high (measure the masters voltage); Inverter board faulty.	Cycle blocked, door locked (after 5 attempts).	RESET
E5d	Data transfer error between Inverter and main board	Line interference; Wiring faulty; Main board or Inverter faulty.	-----	RESET
E5E	Wrong communication between main board and Inverter	Main board-Inverter wiring faulty; Inverter board faulty; Main board faulty.	Cycle blocked (after 5 attempts).	ON/OFF
E5F	Inverter board does not start the motor	Wiring faulty; Inverter board faulty; Main board faulty.	Cycle blocked, door locked (after 5 attempts).	RESET
E61	Insufficient heating during washing	NTC sensor faulty; heating element faulty; wiring faulty; PCB faulty.	The heating phase is skipped.	START/RESET
E62	Overheating during washing (temperature higher than 88°C for a time higher than 5 min.)	NTC sensor faulty; heating element faulty; wiring faulty; PCB faulty.	Safety drain cycle – Cycle stopped with door open.	RESET
E66	Heating element power relay faulty (incongruence between sensing and relay)	PCB faulty.	Safety drain cycle – Cycle stopped with door open.	RESET

Alarm	Possible fault	Action/machine status	Reset	Alarm
E68	Current dispersion to earth (value of mains voltage different from main value)	Current dispersion between between heating element and earth.	Cycle blocked with door open.	RESET
E69	Heating element interrupted	Wiring faulty; Heating element for washing interrupted (thermofuse open).	-----	START/RESET
E71	Washing NTC sensor faulty (short-circuited or open)	Wiring faulty; Washing NTC sensor faulty; PCB faulty.	The heating phase is skipped.	START/RESET
E72	Drying condenser NTC sensor faulty (voltage value out of limits, sensor short-circuited or open)	Wiring faulty; Drying NTC sensor (condenser) badly positioned or faulty; WD board faulty.	The drying heating phase is skipped.	START/RESET
E73	Drying duct NTC sensor faulty (voltage value out of limits, sensor short-circuited or open)	Wiring faulty; Drying NTC sensor (duct) badly positioned or faulty; WD board faulty.	The drying heating phase is skipped.	START/RESET
E74	Washing NTC sensor badly positioned	Wiring faulty; Washing NTC sensor badly positioned; NTC sensor faulty; PCB faulty.	The heating phase is skipped.	START/RESET
E82	Error in selector reset position	PCB faulty (Wrong configuration data).	-----	RESET
E83	Error in selector reading	PCB faulty (Wrong configuration data).	Cycle cancelled.	START/RESET
E91	Communication error between PCB and display board	Wiring faulty; Control/display board faulty; PCB faulty.	-----	RESET
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.	OFF/ON
E93	Incorrect configuration of appliance	PCB faulty; (Incorrect configuration data).	Cycle interrupted.	OFF/ON
E94	Incorrect configuration of washing cycle	PCB faulty; (Incorrect configuration data).	Cycle interrupted.	OFF/ON
E95	Communication error between microprocessor and EEPROM	PCB faulty.	Cycle interrupted.	RESET
E97	Incongruence between programme selector and cycle configuration	Faulty PCB (Wrong configuration data).	Cycle interrupted.	RESET
E98	Communication error between main board - Inverter	Incompatibility between main board and Inverter.	Cycle interrupted.	OFF/ON
E9b/E9H	Communication error between microprocessor and FLASH memory	Display board.	-----	OFF/ON RESET
E9C	Machine configuration error	Display board.	-----	OFF/ON RESET
E9d	Clock faulty	Display board.	-----	OFF/ON RESET
E9F	Communication error between PCB and remote devices	Wiring between PCB and Inverter faulty; PCB faulty; Inverter faulty.	Cycle interrupted.	OFF/ON
EC1	Solenoid valve blocked with flowmeter working	Wiring faulty; Solenoid valve faulty/blocked, PCB faulty.	Cycle blocked with door closed. Drain pump always works (5 min., then it stops for 5 min. ecc.).	RESET

Alarm	Possible fault	Action/machine status	Reset	Alarm
EC3	Problems with Weight sensor (no signal or out of limits)	Wiring faulty; Weight sensor faulty; PCB faulty.	-----	START/RESET
Ed1	Data communication error between WD board and PCB	Wiring faulty between PCB and WD board; WD board faulty; PCB faulty.	Cycle interrupted.	OFF/ON
Ed2	Drying heating element relay 1 faulty	Wiring faulty between WD board and thermostats; thermostats faulty; WD board faulty, PCB faulty.	Cycle blocked with door open.	RESET
Ed3	Drying heating element relay 2 faulty	Wiring faulty between WD board and thermostats; thermostats faulty; WD board faulty, PCB faulty.	Cycle blocked with door open.	RESET
Ed4	Relay which commutates power between washing heating element and drying (in the WD board)	Wiring faulty; WD board faulty; PCB faulty.	Cycle blocked with door open.	RESET
Ed6	No communication between PCB and display board (INPUT)	Wiring faulty between PCB and programme display board; PCB faulty.	-----	OFF/ON
EF1	Drain filter blocked (drain phase too long)	Drain tube blocked/kinked/too high; Drain filter dirty/blocked.	Warning displayed at the end of cycle (specific LED).	START/RESET
EF2	Excessive detergent dosing (excessive foam during draining)	Excessive detergent dosing; drain tube kinked/blocked; Drain filter dirty/blocked.	Warning displayed after 5 attempts or by the specific LED.	RESET
EF3	Aqua control intervention	Water leaks onto base frame; water control system defective.	Water drain.	ON/OFF RESET
EF4	Water fill pressure low, no signal of flowmeter and solenoid valve open	Tap closed; water fill pressure low.	-----	RESET
EF5	Unbalanced load	Final spin phases skipped.	-----	RESET
EF6	Reset	-----	No action to be performed, if continues replace the PCB.	-----
EH1	Frequency power of appliance out of limits	Power supply problems (incorrect / disturbance); PCB faulty.	Wait for frequency nominal conditions.	OFF/ON
EH2	Voltage too high	Power supply problems (incorrect / disturbance); PCB faulty.	Wait for frequency nominal conditions.	OFF/ON
EH3	Voltage too low	Power supply problems (incorrect / disturbance); PCB faulty.	Wait for frequency nominal conditions.	OFF/ON
EHE	Incongruence between safety relay (in the PCB) and the safety "sensing" circuit	Wiring faulty; PCB faulty.	Safety drain cycle – Cycle stopped with door open.	RESET
EHF	Safety "sensing" circuit faulty (input voltage to microprocessor wrong)	PCB faulty.	Safety drain cycle – Cycle stopped with door open.	RESET

REVISION	DATE	DESCRIPTION
01	07/2008	Table update
02	03/2009	Modification of alarms E21-E22