

ERROR LIST

CODE	ALARM TYPE	SUB CODE	SOURCE ELEMENT	MAIN REASON	POSSIBLE SOLUTIONS
1	Filling timeout	1	Services boiler	Filling alarm, it was not possible to fill the service boiler within the preset timeout.	Switch the machine OFF and ON to restart the automatic fill function. If not solved: - Check proper flow of inlet water from the mains or from the external tank. - Check the pump and the boiler filling valve manual Operations in the Diagnostic menu. - Check machine taps and potential leaks. - Check the level probe: the presence of limescale, the integrity of the plastic insulation and its sensitivity in the Configure CPU menu, can all effect the automatic fill function.
2	Heating Timeout	1	Services boiler	Heating alarm, it was not possible to reach the service boiler settled temperature within the preset timeout time.	In relation to the heating element of the steam boiler: - Check the manual operation in the Diagnostic menu. - Check the thermo-fuse or high-limit thermostat continuity. - Check the heating element continuity and integrity. - Check the LEDs on the relative part: static relays and/or and/or control unit. - Check connections.
3	Short Circuit Probe	1	Services boiler	Probe in short circuit alarm.	Check the steam boiler pressure transducer and its connection to the control unit.
		10	Cup warmer		Check the cup warmer temperature probe and its connection to the control unit.
		12	E-Milk		Check the E-Milk temperature probe and its connection to the board.

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4	Open Circuit Probe	1	Services boiler	Probe open alarm (broken or disconnected).	Check the steam boiler pressure transducer and its connection to the control unit.
		10	Cup warmer		Check the cup warmer temperature probe and its connection to the control unit.
		12	E-Milk		Check the E-Milk temperature probe and its connection to the board.
5	Full Alarm History List	3	Alarm History	The alarm history list is full.	Delete some or all messages from the Alarm History list in the Technical Menu.
6	Area Data Loading	1	SW configuration	Data entry error	Contact technical support.
		2	Recipe		
		3	Alarm History		
		4	HW calibrations		
		5	Counters		
		6	Power Fail State		
		7	HW configuration		
7	Parameter Out of Range	1	SW configuration	Non-compliant parameters	Contact technical support.
		2	Recipe		
		3	Alarm History		
		4	HW calibration		
		5	Counters		
		6	Power Fail State		
		7	HW configuration		
8	Data Area Restored	1	SW configuration	Machine data errors	Contact technical support.
		2	Recipe		
		3	Alarm History		
		5	Counters		
		6	Power Fail State		

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9	Volumetric sensor	2	Group 1	The control unit does not receive signals from the volumetric sensor.	Check the connection from the volumetric sensor to CPU. If don't connected correctly, connect and restart the machine. Check the volumetric sensor voltage. If there isn't a voltage replace volumetric sensor. Check for scale inside the gicleur or in the metal filter or volumetric dispenser and remove any limestone.
		3	Group 2		
		4	Group 3		
	Data Area Modified	7	HW configuration	Machine data errors	Contact technical support.
10	External board communication error	4	Magnetic Portafilter reading device	Error communication	This error may appear after another error has occurred or if the control unit does not communicate correctly with the touch screen. - Check the presence of another error in the Alarm History menu. - Check if the error disappears by switching the machine OFF and ON. - Check the connections of the cable between the control unit and the touch screen.
11	Magnetic Portafilter reading device	1	System error	The Portafilter reading device does not work properly.	Check its manual functioning into the Diagnostic menu. If necessary, replace it.
		2	Bus Overload error		
		3	Power Supply Not Valid error		
		4	Device Sensor 5 error		
		5	Device Sensor 4 error		
		6	Device Sensor 3 error		
		7	Device Sensor 2 error		
		8	Device Sensor 1 error		
		9	System (Not Specified error)		
		10	Sensor 1 communication timeout		
		11	Sensor 2 communication timeout		
		12	Sensor 3 communication timeout		
		13	Sensor 4 communication timeout		

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12	Monitoring of System	1	Backup Battery Discharge	Battery Discharged.	Change the CR1225 3 Volt battery on the control unit.
		2	Start Clock LSE	Control unit display is damaged.	Replace the control unit
		3	No power signal	220V power supply missing in control unit	Check the CN2 connector connection on the control unit.
13	Cleaning to be Performed	2	Group 1	It signals the need to wash the units, as the washing alarm threshold was exceeded.	Wash all units. Check settings on Technical settings.
		3	Group 2		
		4	Group 3		
14	Maintenance to be Performed	1	Maintenance for Cycles	This alarm signals the need to carry out the machine maintenance.	Reset the relevant maintenance counter into the Technical Menu.
		2	Maintenance for Data		
		3	Maintenance for Liters		
16	Overpressure	1	Service boiler	The service boiler is not working properly	Perform a dispensing and verify that the value shown on the display is consistent. If don't consistent replace the digital pressure switch. Check that the TRIAC board does not have a contact that is always closed, making sure that the output current varies correctly according to the expected operating conditions. If is always closed replace the TRIAC. Verify that the LEDs in the CPU are always ON, if so, replace the CPU.
17	Filter holder not recognized	2	Group 1	The sensor does not detect the filter holder.	Contact technical support and replace the sensor.
		3	Group 2		
		4	Group 3		