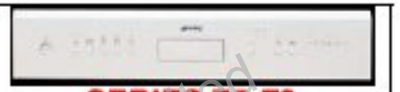
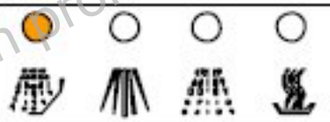
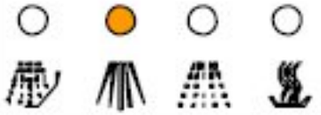
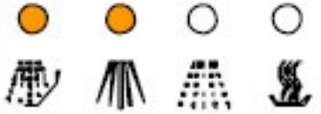
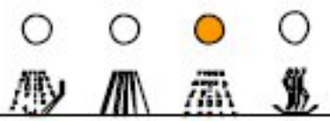
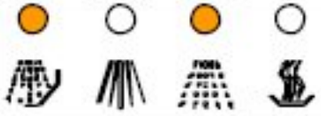
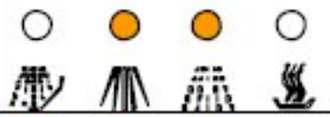
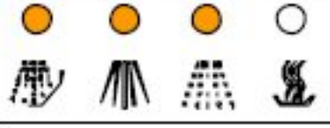
ALARMS

ALARM	DESCRIPTION	 ST 60CM-45CM	 DIGIT DWS	 ST 60CM-45CM WITH DISPLAY	 SERIES E4	 SERIES E5-E8
E1	Fault in Acquastop device (if present)		E1	E1	E1	
E2	Intervention of the water charge limitation system (water stop safety device)		E2	E2	E2	
E3	No heating		E3	E3	E3	
E4	NTC not connected		E4	E4	E4	
E5	No water loading		E5	E5	E5	
E6	No drain		E6	E6	E6	
E7	Anomaly on the flow meter (only on the flow meter)		E7	E7	E7	
E8	Anomaly on the diverter valve(only on the diverter valve)		E8	E8	E8	
E9	Surpassing the maximal water loading limit(only flow meter)		E9	E9	E9	

TECHNICAL INFO

FAULTS DIAGNOSIS AND CODING

DWS 2001

with electronic timer

ALARMS CODING OF DWS 2001

DISPLAY TYPE			Description
Display (ST + LI)	Led programme phases (PL)	Led programmes (ST)	
E1	○ ○ ○ ●	● ○ ○ ○ ●	Aquastop floating intervention
E2	● ○ ○ ●	○ ● ○ ○ ●	Safety pressostat intervention
E3	○ ● ○ ●	● ● ○ ○ ●	No heating
E4	● ● ● ○	○ ○ ● ○ ●	Temperature sensor disconnected
E5	● ● ○ ●	● ○ ● ○ ●	No filling
E6	● ○ ● ●	○ ● ● ○ ●	No drain
E7	○ ● ● ●	● ● ● ○ ●	Defect of the turbine counts litres
E8	● ○ ● ○	○ ○ ○ ● ●	Alternate valve defective
E9	● ● ○ ○	● ○ ○ ● ●	Max tank water quantity exceeded

● - led flashes
● - led lighted on
○ - led lighted off

NB:

- the E1, E2 , E3 , E4 , E5 , E6 alarms are available in all models.
- the E7 , E9 alarms are available in models endowed with a turbine counts litres.
- the E8 alarm are available in models endowed with an alternate valve.

FAULTS DIAGNOSIS

E1 – Aquastop floating intervention

This alarm is generated when the floater switch of the anti-overflowing system is kept “closed” by the water in the tray. In this situation the drain pump is connected till the switch returns in the “open” position.
It is necessary to check if there are leakages of water coming from: the tank, the aquastop pipe or the components located in the base (washing pump, drain pump, decalficator turbine…).

Particular cases:
if there is not water in the tray, check that the floater keeps closed the switch for a wrong positioning.

E2 – Safety pressostat intervention

This alarm is generated when the safety level (PRS1) intervenes, both when there is or there is not the full tank signal (PL0). In this situation the programme is not immediately stopped, but however the tank is emptied and then filled. The water quantity, in this case, is decreased.
This situation can happen max 3 times consecutively in a washing programme, after these 3 times the programme stops signalling the anomaly.

This defect can be caused by:

- defective pressostat level
- difficulty to connect the pump or faulty washing pump
- water in the safety pressostat pipe
- filling solenoid valve with high flow rate
- electronic card which does not read the “full” signal

E3 – No heating

This alarm is generated when the heating system is not enough quick (less than 1.5°C 20min) .

This defect can be caused by:

- defective heating resistance
- temperature sensor is not properly positioned
- faulty washing pump (water does not flow)
- sprayer\s does not\ do not freely turns\ turn.
- electric connections are not properly connected in the resistance or in the timer card
- defective relay (electronic card)

E4 – Temperature sensor disconnected

This alarm is generated when the machine starts and when the the temperature sensor is disconnected. It is uncommon that this fault appears “spontaneously” as it usually happens after an intervention concerning wiring (change of the electronic or the detergent dispenser). If this appears, check the electric connections in the temperature sensor and in the electric card.

E5 – Water fails to fills

This alarm is generated during the filling phase if the foreseen filling is not reached within 7 minutes.

This defect can be caused by:

- water tap turned off.
- drain pipe closed or obstructed
- defective solenoid valve
- electric connections are not properly connected
- defective electronic card

E6 – Defective drain

This alarm is generated during the drain phases if empty (PL0) is not reached within max 3 miin; drain is tried 3 times and each attempt lasts 1 min, after these 3 times the machine points out the defect.

This defect can be caused by:

- defective drain pump
- defective pressostat level (the contact remains on full)
- drain pipe is not properly positioned, is closed or is obstructed
- electric connections are not properly connected
- defective electric card

E7 – Defective turbine functioning

This alarm is generated when the timer card does not detect the signal comig from the turbine.

This defect can caused by:

- defective turbine
- turbine electric connections wet
- electric connections are not properly connected
- defective electric card

E8 – Defective alternate valve functioning

This alarm is generated when the programme starts and the timer card does not detect the signal that the alternate valve is positioned.

This defect can be caused by:

- defective alternate valve
- electric connections are not properly positioned
- defetcive electric card

E9 – Max tank water level exceeded (only versions with turbine)

This alarm is generated when the full tank signal (PL0) lacks and a filled limit water level equal to 7,5 litres is reached. In this case the machine stops the programme and points out the defect.

This defect can be caused by:

- defective pressostat level
- electronic card is not able to read the full signal