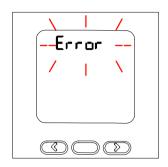


Software protection

The machine has been equipped with a number of software protections; the software monitors all inputs and outputs of the machine throughout the process. If non–allowed situations arise, the software will intervene. This intervention results in the machine being switched off and an error message being shown on the display.



LCD display with error message

ERROR LIST

Error 1 not applicable

Error 2 Temperature in boiler too high:

 If the temperature sensor (NTC) measures a value that is outside its range (0 Ohm or infinity), the machine is switched off and 'Error 2' appears in the LCD display. This also applies if the boiling protection (see hardware protection) is activated.

Error 3 not applicable

Error 4 not applicable

Error 5 not applicable

Error 6 Magnetic valve opened too long:

 If, for whatever reason, the process of filling the float tank takes too long, the machine is switched off and 'Error 6' appears in the LCD display.

Error 7 Wrong Chip card:

- In a number of cases, it is possible to place a chip card in a chip card reader. This is present on the keyboard. Any data present can be downloaded or uploaded. If the software on this chip card does not correspond with the software in the machine, 'Error 7' appears in the LCD display. **Error 8** Communication error between both prints:

 There is constant communication during machine start—up and during use. This is done via the flatcable between the keyboard and the main board. If communication is impossible, 'Error 8' appears in the LCD display.

Error 9 Pump motor rotates too slow or does not rotate at all:

 The pump motor is rotating during machine start-up and during use. The light sensor detects no or too little pulses and 'Error 9' will appear in the LCD display.