

Error code output

If the heater is fitted with a combination timer, an error code output will appear on the display of the timer after a fault occurs.

NOTE

The error code is output if the heater is fitted with a control element after an error has occurred by the switch-on indicator/error code indicator flashing. After 5 seconds of fast flashing, the error code will be output by a sequence of long flash pulses, the number of flashes is shown in the table below (for example F04 – 4 long flash pulses).

Error code	Error (group)	Additional information during PC diagnostic	Remedy
F 00	Control unit error	01 Control unit error 81 EOL checksum error 11 Incorrectly coded control unit or incorrect heater (fuel type) installed (the heater will not work if this error occurs) 91 Neutrally coded or disabled control unit (the heater will not work if this error occurs) 92 Maintain command failed (the heater will not work if this error occurs) 18 Customer bus defective	Replace control unit
F 01	No start	02 Even after the restart, no flame has formed 82 No start in test	Check fuel supply (tank empty, lines blocked) Clean burner insert, replace flame sensor
F 02	Flame failure	03 The flame has gone out during operation and has not reformed after a restart attempt 83 The flame has gone out during a heating cycle more than FAZ times (EEPROM)	Check fuel supply (tank empty, lines blocked) Clean burner insert, replace flame sensor
F 03	Undervoltage or overvoltage	84 The voltage was less than 10.5 V or 21 V for longer than 20 seconds 04 The voltage was more than 16 V or 32 V for longer than 6 seconds	
F 04	Premature flame recognition	05 The flame sensor recognised a flame before combustion had started	Replace flame sensor
F 06	External temperature sensor break or short circuit	14 Temperature sensor circuit short circuit to earth 94 Temperature sensor circuit break or short circuit to +Ub	Check cables, replace temperature sensor Check cables and terminating resistor, replace temperature sensor

