

Function description

Thermo 90 S / Thermo 90 ST

Diagnosis after fault lock-out Thermo 90 S and Thermo 90 ST

Check the fuses and plug connectors.

Version with digital timer

If the system is equipped with a standard clock, a fault message appears on the display of the digital timer after a fault occurs:

- F 01 No start (after 2 attempts to start)
- F 02 Flame failure
- F 03 Undervoltage or overvoltage
- F 04 Premature flame recognition
- F 05 Flame monitor interrupt or flame monitor short circuit
- F 06 Temperature sensor interrupt or temperature sensor short circuit
- F 07 Metering pump interrupt or metering pump short circuit
- F 08 Fan motor interrupt or fan motor short circuit or fan motor incorrect speed
- F 09 Glow plug interrupt or glow plug short circuit
- F 10 Overheating
- F 11 Circulating pump interrupt or circulating pump short circuit

Version with switch

If the system is operated with a switch, the nature of the fault is indicated by a flashing code on an operating indicator light during the run-on time of the heater.

After five short signals, count the long flashes:

- 1x No start (after 2 attempts to start)
- 2x Flame failure
- 3x Undervoltage or overvoltage
- 4x Premature flame recognition
- 5x Flame monitor interrupt or flame monitor short circuit
- 6x Temperature sensor interrupt or temperature sensor short circuit
- 7x Metering pump interrupt or metering pump short circuit
- 8x Fan motor interrupt or fan motor short circuit or fan motor incorrect speed
- 9x Glow plug interrupt or glow plug short circuit
- 10x Overheating
- 11x Circulating pump interrupt or circulating pump short circuit