

Heater Fault Codes are displayed on the Rheostat by a flashing green LED or a SmarTemp Control 2.0 displayed as (F) followed by the code (01).

- **F00: Control Unit Error**

Recommendations for F0: Replace Control Unit

- **F01: No Start**

Recommendations for F01: Check fuel supply (tank empty, lines blocked) clean burner insert, Gasoline: Replace flame sensor Diesel: Replace overheating sensor / control unit

- **F02: Flame failure**

Recommendations for F02: Check fuel supply (tank empty, lines blocked) clean burner insert, Gasoline: Replace flame sensor Diesel: Replace overheating sensor / control unit

- **F03: Under-voltage or over-voltage**

Recommendations for F03: Charge battery

- **F04: Premature flame recognition**

Recommendations for F4: Diesel: Check/Replace Overheat Sensor and perform electrical test of glow plug Gasoline: Replace flame sensor

- **F05: Flame sensor interrupt or short circuit** (gasoline heaters only)

Recommendations for F05: Replace flame sensor

- **F06: External temperature sensor break or short circuit**

Recommendations for F06: Check cables and terminating resistor / replace temperature sensor

- **F07: Metering pump interrupt or short circuit**

Recommendations for F07: Check cables / replace metering pump

- **F08: Fan motor interrupt, short circuit, or blocked.**

Recommendations for F08: Check to see if the fan motor spins freely and that nothing is blocking the opening

- **F09: Glow pin interrupt or short circuit**

Recommendations for F09: Replace glow pin

- **F10: Overheating**

Recommendations for F10: Find and remove the cause of the overheating NOTE: If no other cause can be found for the overheating, the pressure losses caused by the hot air distribution (too many resistance points) are too high or a hot air filter is soiled

- **F11: Overheating sensor interrupt or short circuit**

Recommendations for F11: Replace overheating sensor

- **F12: Heater fault lock-out**

Recommendations for F12: NOTE: Heater has faulted multiple times. Clear lockout by turning heater on with control, remove main power from heater, wait 20 seconds, turn heater control off, re-insert the main power to heater.

- **F14: Overheating sensor incorrect position**

Recommendations for F14: Position the overheating sensor correctly

- **F15: Defective controller / open or short circuit**

Recommendations for F15: Check cables / replace control element