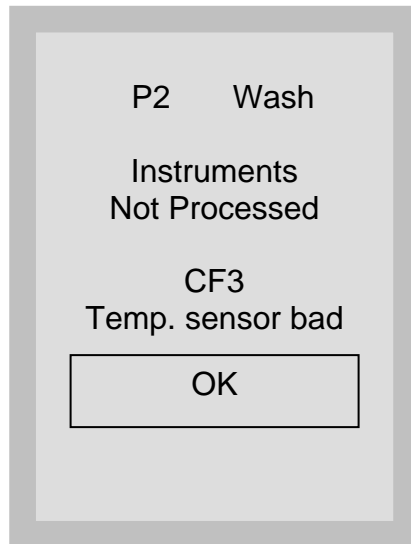


Cycle Faults Codes

If the software detects an error, a message will appear on the screen showing one of the following cycle fault codes.



CF1 Heating Failure

Detection

Water temperature does not increase by 1°C over a 2 minute period after the first 5 minutes of heating or, if that happens but it doesn't reach target temperature in 40 minutes.

Cause

Pressure Switch not activating – low level water, defective pressure switch.
Defective heating element.

CF2 Chamber Filling Failure

Detection

Chamber Full Switch not activated in the first 6 minutes of filling – Circulation Pump not running yet (if hot water is missing or a low pressure unit will switch to cold water after 4 minutes if Chamber Full Switch is not activated).

Pressure Switch not activated in 4 minutes of filling after the Circulation Pump was turned ON (after the Full Switch was activated).

Cause

No water supplied at the unit (hot or cold)

Defective water valve (hot or cold)

Defective Chamber Full Switch

Defective Pressure Switch

Defective Circulation Pump

Defective Safety Switch

Check for line voltage between pins 1 & 2 on plug J1 on IO Board. If line voltage is not present Safety Switch is open. No power to inlet valves.

CF3 Chamber Temperature Sensor Failure

Detection

Temperature Sensor readings are out of limits (either to low or to high).

Cause

Unit was stored in extremely cold conditions causing Temperature Sensor to read below 3°C.

Temperature Sensor wire unplugged or broken.

CF4 Water Evacuation Failure

Detection

Chamber Full Switch did not open in 1 minute after Drain Pump turned ON.

Cause

Clogged drain.

Defective Chamber Full Switch

Defective Drain Pump.

CF7 Cycle Aborted or Interrupted

Detection

Stop Button pressed or power failure.

Cause

Stop Button pressed or power failure.

CF9 Software or PCB Failure

Detection

The unit is running a cycle for more than 3 hours.

Cause

Defective PCB or software failure.

CF11 No Detergent Flow

Detection

The Flow Switch did not detect detergent flowing. CF11 will not be displayed if the Flow Switch doesn't detect detergent during the rinse phase of the cycle. However, "No Detergent" will be displayed when the next cycle is selected.

Cause

No detergent.

Check for kinked detergent tubing.

Check for clogged detergent tubings.

Defective Flow Switch.

Defective Dosing Pump internal tubing.

CF14 Bad Flow Switch

Detection

After the second dosing during the wash phase of the cycle, the Flow Switch did not turn OFF after a 15 second timeout.

Cause

Flow Switch stuck ON.

CF15 Chamber Overflow

Detection

The Overflow Switch did not turn OFF after 30 seconds of the Drain Pump running.

Cause

Clogged drain

Hot or Cold water valve will not turn OFF

Defective Overflow Switch