

Frig / Freezer (FF31) Faults and Troubleshooting Tree



WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

Defect	Possible Cause	Solution
E1	Voltage outside cut-out setting - too low	Check the condition of the wiring; replace it if necessary with proper section. Check the condition of the battery, replace it if necessary. If possible connect the fridge to the 120V / 230V. If the problem is corrected check the 12/24V power supply system
E2	Defective fan	Replace the fan
E3	Motor start error	If the problem occurs, check the connections to the control unit. If the problem persists contact Webasto Technical Support for further diagnosis
E4	Minimum speed error	Contact Webasto Technical Support for further diagnosis
E5	Thermal protection cut-out	The fridge is installed where there is little or no ventilation. The electronic unit overheats and triggers. Remove the fridge from the installation compartment, let the system cool down and turn the fridge on again. Improve ventilation
E6	Temperature probe error	Disconnect fridge from power supply and check temperature probe connections at the electronic unit. If the probe is properly connected contact Webasto Technical Support for further diagnosis

Concern	Possible Cause	Solution
The display doesn't illuminate	<ul style="list-style-type: none"> • No power to unit • If the fridge is supplied with 12/24V; check the dedicated fuse. Replace it if necessary • If the fridge is supplied with 115/230V, inspect the related fuse. Replace it if necessary • Wiring not connected • defective electronic unit of the display • defective display 	<p>Connect the fridge to power supply. Check voltage, check wiring and battery. Replace defective components or repair connection if necessary. Connect the fridge to another source of power (120V / 230 if possible). Check the condition of the 15A fuse and replace it if necessary. In case the fridge is running on AC check the fuse on the fridge plug socket. Check the wiring and inner connections. Replace the electronic unit of the display. If the problem persists replace the display</p>
The display illuminates but the fridge won't start	Defective electronic unit or voltage too close to cut-out protection. Battery protection setting too high.	<p>Check the fridge is getting proper voltage, check wiring and battery. Check the battery protection settings. Connect the fridge to 120/230V. If the fridge doesn't work replace the electronic unit.</p>