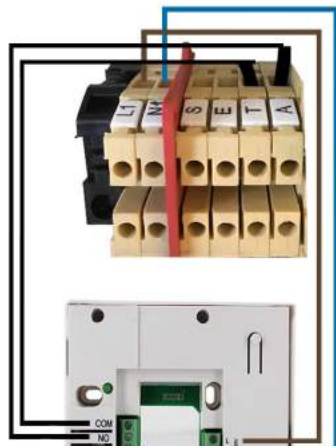


Live, neutral power
for timer

Voltage free



EBC 100 7 Day Programmable
Room Thermostat



Heat exchanger

Expansion vessel

General switch

Display panel

3 Bar PRV

Cold water mains

Filling Loop



F8 Reset button (Fig.1)
(Remove cap, press to reset)

63 AMP
RCD



10 mm
Cable



Manual air release

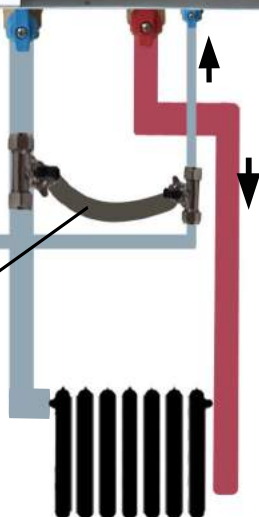
Flow micro switch

Diverter Valve

Grundfos ERP
Pump

Pressure gauge

6 Bar PRV



Troubleshooting: Fault Errors code on the Display PCB

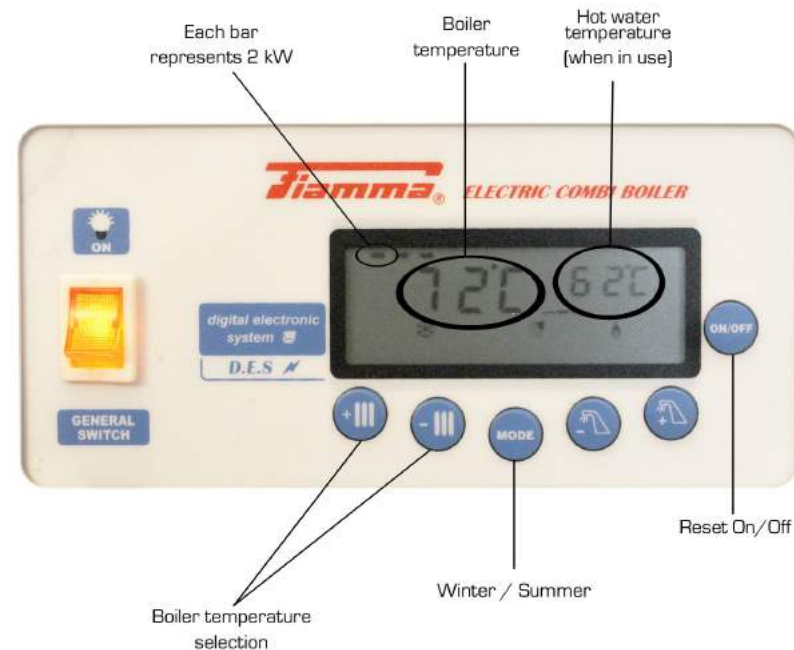
F1	Low water pressure Re-Pressurise system or change Low water pressure switch
F3	Boiler central heating NTC Stat Change
F8	Over Heat Stat in protection mode On initially starting the boiler, please make sure that all air is eliminated from the boiler. To this end there is a manually operated air release valve to allow quick release of air from the boiler. If after releasing all the air out of the boiler, F8 still appears randomly, this is probably due to arcing in the property. To remedy, please check all connections in Dimmers, Plug Adapters etc. are secure. Please Google Electrical Noise to understand F8 and arcing. Press reset on the electrical box (Fig.1) then press reset on display panel to restart the boiler. Please allow boiler to cool down before reseeting as reset will not occur if boiler is still hot.
F9	Change PCB.

General Faults

Heating on, No Hot Water	Check diverter valve
No Heating or hot water	Check pump
Blank Screen	Please hold in On/ Off Button
MCB Tripping	Check external wiring including MCB
RCD Tripping	RCD Should be nearer to the boiler

Advisory – Please make sure all connections for 10mm are properly tightened. Failure to do so may result in arcing / burning. Electrical connection for the contactor and main connector need re-tightening after two years by an electrician.

User Instructions



- Please release air from boiler before turning on.**
- Please make sure the pump is spinning freely .**

Short Parts list

P.1099 General Switch	P.7326 Grundfos ERP pump
P.2057 Main Circuit board	PU.960 Wilo pump
P.2095 Communication Lead	P.141 Pressure gauge
P.9098 Plate Heat Exchanger	P.1082 Low water sensor
P.561 Micro Switch	P.7623 Low water sensor
P.916 Diverter Valve	P.1846 Expansion Vessel 10lt
P.158 CH safety valve	P.2098 Temperature stat
P.7540 DHW Safety valve	P.1929 Thermistor
P.1763 Display panel	P.572 Hot water limit stat