

GLEDHILL GT155 PCB INSTALLATION INSTRUCTIONS

IMPORTANT INFORMATION

This PCB is a static sensitive unit; always use a grounding wrist strap!

SAFETY FIRST!

Never attempt to undertake any work with electrical, electronic or gas appliances or equipment unless you are qualified or competent to do so.

Always ensure that the mains supply to the boiler or appliance is disconnected before commencing any work.

If in any doubt, consult a gas safe engineer or person qualified to carry out the necessary work.

Please note:

This PCB has been thoroughly tested before despatch.

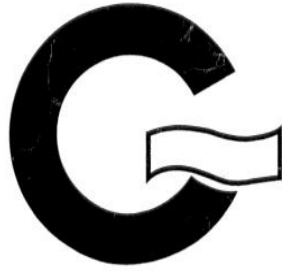
Before fitting the PCB, examine the solid state relays which include UF3, UF4, UF5, (UF6, if fitted), UF8.

If there is any damage, for example, blackening around the chip, then this has probably been caused by a faulty pump or wiring.

These chip components are very reliable and are almost always damaged by external influences.

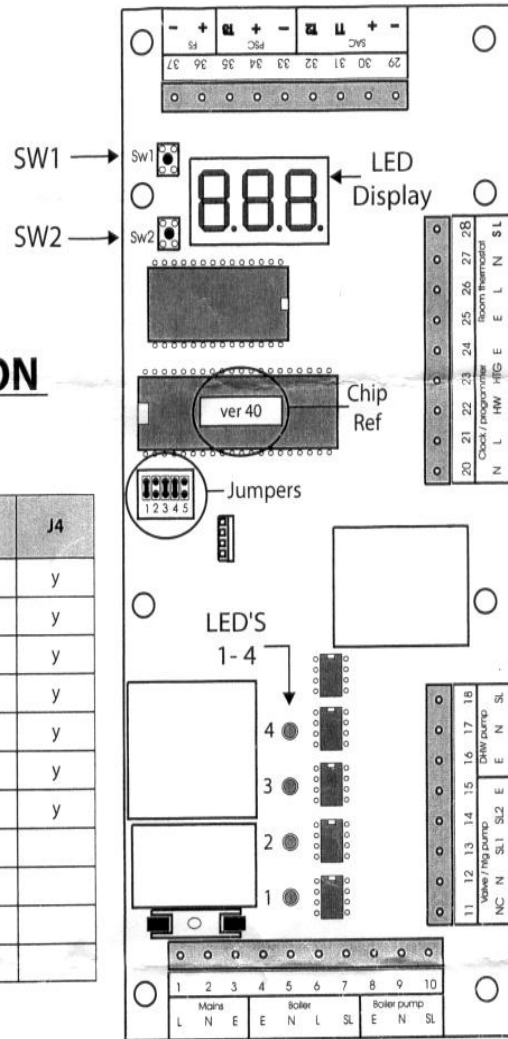
You must ensure that any faults elsewhere in the boiler circuitry are corrected before fitting our PCB, otherwise our exchange PCB will be damaged and this will not be covered by our warranty.

Please read and follow the instructions on the reverse of this sheet in order to set the jumpers according to your particular boiler.



SINGLE BOARD INSTALLATION INSTRUCTIONS

Appliance Type	Chip Ref		J1	J2	J3	J4
BoilerMate III	V29					y
BoilerMate 2000	V29		y		y	y
SysteMate III	V29				y	y
SysteMate 2000	V29		y			y
ElectraMate 2000	V29	170/9kW		y		y
	V29	270/9kW		y		y
GulfStream 2000	V40	270/12kW		y		y
	V40	120V/SP	y	y		
	V40	180V/SP		y	y	
	V40	250V/SP		y	y	
(with mixing valve)	V40	250V/SP			y	




In order for the correct program to operate on the circuit board, jumpers must be connected to the correct positions as indicated on the above chart.

As default the board is supplied with one jumper fitted on position 4 and the existing jumpers will need to be removed from the existing board and fitted in the appropriate positions.

Once the replacement board has been fitted, switching on the power will automatically reset the board and allow it to commission itself to suit the system/boiler.

To check the board is functioning correctly:

- Switch off mains
- Check/insert correct jumpers to suit appliance type as indicated on the above chart
- Insert jumper 5
- Switch on mains
- The PCB will carry out functional tests and then stop. LED's 1-4 will be switched ON then OFF at 5 second intervals as required and the output number will be indicated on the LED display. When complete the LED display will be as follows: 
- Switch off mains
- Remove jumper 5
- Switch on mains to put into normal mode