

### 505SE to 508SE GB Conversion

Where the 508 SE GB is to be used for the replacement of the 505 SE, the following wiring modifications must be made, using existing control box base.

If the burner is fitted with an Auxiliary Relay to which both motor and air pressure switch wiring is connected, this Relay is no longer required for use with the 508 SE GB control box and should be removed along with it's wiring.

Please wire as rep details below, making sure that all three wires are connected to the air pressure switch and that the motor wiring are also connected correctly.

Take care to remove the link between 5 and 11. This is not needed on the 508 SE GB control box.

Wire from Terminal 6 to the Base Earth tab.

505 SE Terminal Number	Function	508 SE GB Terminal Number
1	Neutral 15,16,17 are all neutrals & Linked	15
2	Live supply 240 Volt	1
9	Ionisation Probe	10
8	Outgoing control stat circuit	9
6	Air pressure switch & common return control stat circuit	8
4	Remote lockout indication	5
5	Air pressure switch norm open position Please remove link 5 – 11	4
13	Supply to main gas valve	14
	Wire from terminal 6 to earth tab in base	6
PREV ON RELAY	Wire from terminal 2 to norm closed position on air pressure switch	2
12	Start gas valve supply	12
16	Motor wiring with capacitor (Motor Brown)	11
PREV ON RELAY	Motor wiring (BLUE)	7
1	Motor wiring with Capacitor (BLACK)	15
14	Transformer	13