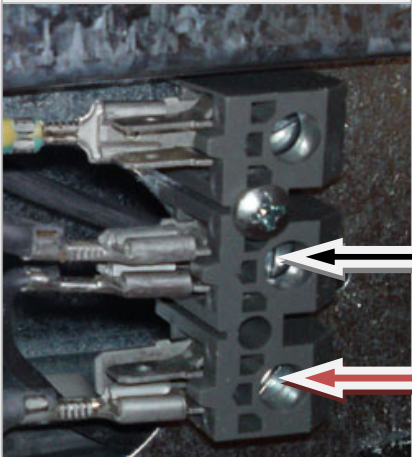


Initial and Final Checks



With the heaters power isolated.
Test the impedance (resistance) between
Live and Neutral.

If you don't get these results then start
going through the other tests until you
locate the faulty item.

Neutral

Live

Test Results

With the Input Control turned full **ON** or at least until
it clicks **ON**, the following reading should be obtained.

Model	Reading
SH24	17 Ohms +-5%
SH18	22 Ohms +-5%
SH12	33 Ohms +-5%
SH6	65 Ohms +-5%

With the Input Control turned full **OFF** or at least until it
clicks **OFF**, the following reading should be obtained.

Model	Reading
SH24	8k2 Ohms +-10%
SH18	8k2 Ohms +-10%
SH12	8k2 Ohms +-10%
SH6	8k2 Ohms +-10%

Remedy if test results differ

Note:- If you can't hear the input thermostat click on and off in any
position then start by replacing the input thermostat and start again.

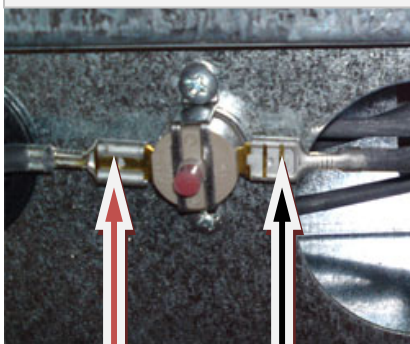
1. If your reading is high impedance (open circuit) then check both the
safety cut-out and thermal cut-out. (See further tests below)

2. If your reading is just higher than the reading for each model then
you probably have a faulty element. Disconnect all the elements and
check each, should be 65 Ohms +- 5%. Replace as necessary.

3. With the input control turned OFF or at least until it clicks OFF, if
your reading is a lot higher or lower than the suggest reading or open
circuit then replace the accelerator resistor which is on the output
control arm.

4. If you're still having problems call us on 01942 265048.

Safety Cut-out (manual reset) Test



A

B

With the heaters power isolated.
Test the impedance (resistance) between
A and B.

Test Results

Model	Reading
All Models	0 Ohms (short) +-5%

If the impedance is high or open circuit,
first press the red button in the centre to
reset and then re-test.

If the impedance is still high or open
circuit then replace this part and re-test.

Thermal Cut-out (manual reset) Test



A

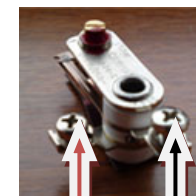
B

With the heaters power isolated.
Test the impedance (resistance) between
A and B. The newest types of thermal
cut-out are now beige in colour.

Test Results

Model	Reading
All Models	0 Ohms (short) +-5%

If the impedance is still high or open
circuit then replace this part and re-test.



A

B

Old Type