



TECHNICAL MEMORANDUM

PRODUCT : STEAMER UNITS

No : 0108

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FROM : Contherm Scientific Ltd

DATE : 07/08/2012

TO : ALL AGENTS

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**SUBJECT:** Precision Steamer Units

In the event of the steamer unit factory set thermostat failing, the steamer unit could attain very high temperatures resulting in damage to the steamer internal components. The addition of a microtherm 72°C thermal fuse in series with the steamer element will disconnect the steamer if the thermostat fails in the ON position. Suitably qualified personnel only should carry out this procedure.

**Required Parts:**

Contherm Microtherm Kit. (Consists of modified thermostat mounting bracket, 72°C Microtherm (sleeved with fibreglass cover), terminal strip complete with 150mm red wire fitted with spade terminal.

**Schedule of servicing:**

Whenever repair work is done on the steamer unit. (Only required on units made before August 2012)

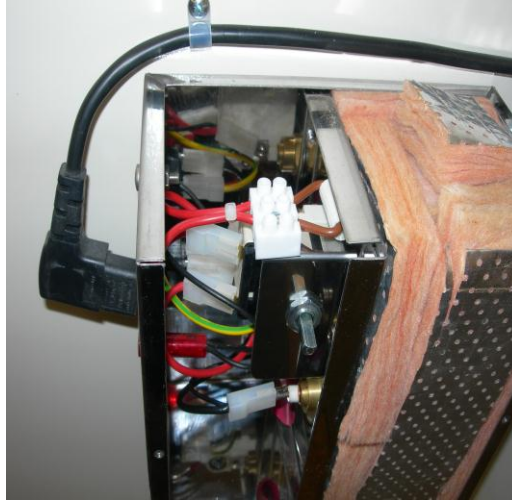
**Safety requirement:**

1. Ensure that the cabinet's power cord is unplugged from the power source, and unplug the cord going to the steamer if possible before attempting to service the steamer unit.

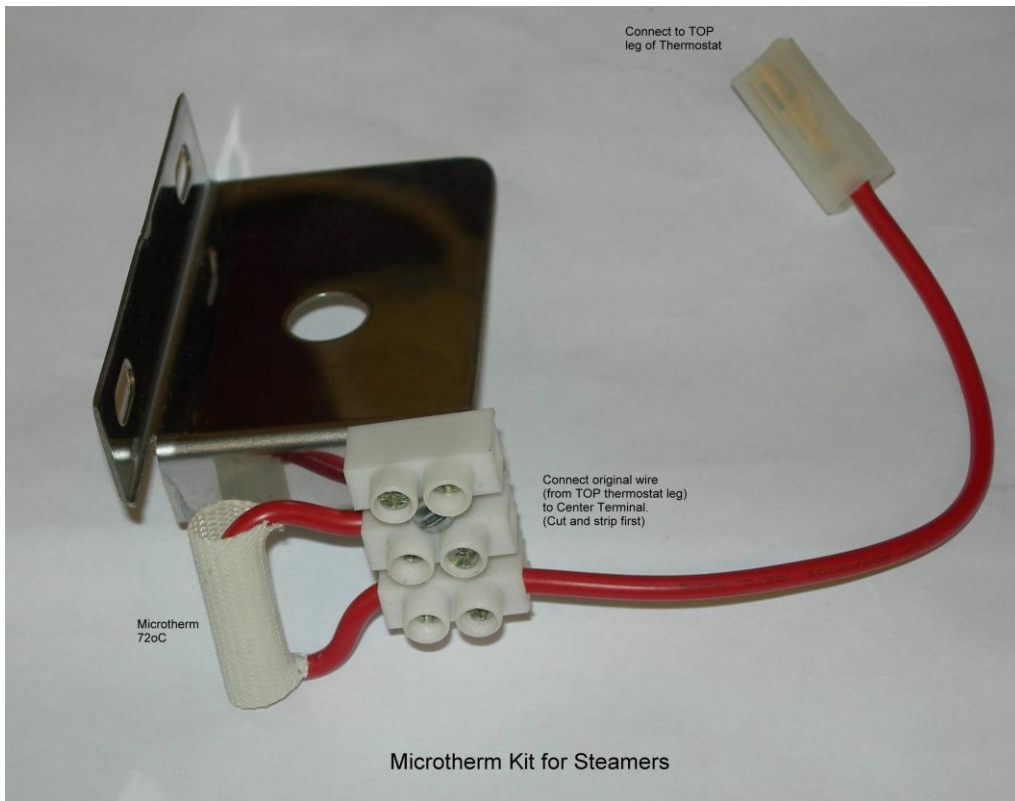
**Servicing Procedure:**

1. Ensure the safety requirements above are in place.
2. Remove outer cover from the steamer unit (2 screws).
3. Remove the screw on the LHS holding the protective cover from the steamer control side so as to expose the steamer internal wiring.

4. Remove the central nut holding the thermostat to its mounting bracket, then remove the two screws holding the mounting bracket to the steamer internal wall. Remove the bracket and replace with the new one from the Microtherm Kit. **To set the thermostat – turn FULLY clockwise and then back until the flat is vertical.**



- 5.



6. The original wire going to the top thermostat leg is lifted off, the terminal cut from it and then this wire is terminated in the centre terminal on the Microtherm Kit strip connector. The new supplied connector is then connected to the TOP thermostat leg. The Microtherm is now in series with the thermostat. Ensure that the fibreglass covered Microtherm does not make physical contact with any metal parts.
7. Reassemble the steamer unit and test.