

## VM3COP53.06 Ceratherm 600-2/3 Safety Test

No particular maintenance is required for the CERATHERM 600-2/3 radiant heater, except for the annual safety check described in the safety check instructions in chapter 20.1 of the service manual. The unit does not have any special wear parts.

### **Preliminary check.**

- 1) Power up the Ceratherm 600. Check the unit warms up and that the light works. Power the unit down again.

### **Mechanical condition checks.**

- 1) Visually inspect the heating element for damage such as cracks, chipping or loosening.
- 2) Inspect the housing and chassis for defects or damage, such as cracks in the casing or deformations.
- 3) Inspect the keypad, warning signs and specification plate.
- 4) Tripod dolly (if present): Check the rollers and brakes
- 5) Tripod dolly (if present): Check the height can be altered and can be fixed in place.
- 6) Tripod dolly (if present): Check the shock absorbers.
- 7) General checks for tripod dolly, wall and ceiling mounts (if present):
  - paintwork
  - cracks in plastic parts
  - deformations
  - loose parts
- 8) Wall and ceiling mounts: Check fastening element (if present) on unit mount thickness at least 1.5mm, length at least 11.5mm.

### **Function test.**

- 9) Check mains switch functions correctly and that power light illuminates in the on position.
- 10) Check each key on the keypad functions. The power level buttons should illuminate.
- 11) Measure the power consumption at 240V AC @50Hz. (Power consumption is variable – check the lowest value) for output level 1 and for level 4.
- 12) Check the light at both levels

### **Alarm test.**

**NB: Before testing the alarm function, allow the unit to be connected to the mains power supply for a minimum of 5 minutes to allow the reserve capacitor to fully charge. The rear power switch must be in the on position.**

- 13) Check there is an audible and visual alarm reminder after 15 minutes of use.

- 14) Check the alarm can be reset after a reminder alarm.
- 15) Check there is an audible and visual alarm after at least 10 minutes.
- 16) Check the alarm can be reset after a mains failure alarm.

**Electrical safety test.**

- 17) Check the mains cable and unit socket for damage.
- 18) Perform an electrical safety test to standard EN 62353:2008

**Misc./Cleaning**

It will be necessary to remove the heater head unit cover to clean inside the unit. Refer to the service manual for the method.

- 19) Clean inside and outside. Once the case has been removed, clean away any dust that may have built up. Replace the case and clean the outside of the unit.
- 20) Attach a dated service label.
- 21) Record the QA and PAT test results in the Intrastats system. In the case of a field service, the QA and PAT test results can be entered into Intrastats on return to Viamed.