

Conservation Heating Humidistat



Conservation Heating is a technique that has been in use in museums for numerous years to control the relative humidity in a store via the heating system. The idea is that when the relative humidity goes above a pre set level, for example 60%rh, a heater is turned on, when the humidity falls as a result the heater is turned off.

If the temperature ever gets too low or too high (5°C or 21°C for example), then the heater is automatically turned on or off regardless of the humidity.

Historically there have been a lot of problems with the quality of the humidistats used for these applications and some suppliers humidistats have been rejected because they are a fire risk. Meaco were called in and asked to put together a new unit avoiding all of the problems experienced to date.

Specification

- 3kW switching as standard
- Solid state relays
- Fan to cool the housing
- Large vented housing to help cooling
- Flame proof metal housing
- Thermal cut-out with manual or automatic reset
- User selectable settings for all three switching points
- Hygroclip probe with +/- 1%RH accuracy
- Tamper proof cover
- LED to view current readings and switch settings
- Cable mounted sensor

As you can see from the above we have listened very carefully to everything that has been said by the users of this type of equipment and made a top of the range, high specification unit. The result is something that is safe and easy to use which will provide the user with confidence and save on all the time that is currently wasted by users adjusting and checking these units.

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