

Operating Instructions CUH-DTH De Stratification Stat

Reference
J106

PRINCIPLE OF OPERATION

Heat from any source naturally rises creating a temperature gradient up the building. The fan in the CUH heater is used to automatically recirculate the high level heat to the lower occupied levels. The reduction of the high level temperature also reduces the temperature difference through the roof and thus reduces the roof heat losses and overall energy requirements.

The remote thermostat controls the heater in the normal manner with the de stratification stat energising the fan if the high level temperature is above the required set point.

LOCATION OF REMOTE THERMOSTAT

The thermostat should be located on an internal wall so as to allow an unobstructed airflow around it. Avoid locations where the thermostat may be influenced by doors, windows, direct sunlight, the heater or any other heat source. The objective is to sense ambient air temperature.

Ensure the thermostat is not influenced by the direct airflow from the CUH heater.

SETTING

- 1) Set destratification stat control to maximum clockwise setting (i.e. so contacts are open)
- 2) Set remote thermostat to approx. required temperature.
- 3) Switch on power. (note the fan will not operate immediately until elements heat up and activate fan delay switch)
- 4) Allow area to reach set point, adjusting remote thermostat if necessary.
- 5) At set point elements are switched off but fan continues to run until heater is purged of residual heat.
- 6) When fan stops adjust destratification stat until fan just operates.

This should provide satisfactory operation but further adjustment may be necessary to suit individual installations.

Please keep these instructions for future reference.

The manufacturers reserve the right to change the specification at any time without prior notice E&OE



Commercial Electric Heat Limited
Unit 712
Thorp Arch Trading Estate
WETHERBY
West Yorkshire
LS23 7BJ

Tel 01937 844994 Fax 01937 844123