

# Case study 501

# Art Gallery Seeks Drying Solution

Whilst a century-old art gallery in Lancashire was undergoing major renovation, Andrews Sykes provided a temporary humidity and temperature control rental package, which kept conditions at the required level whilst the building work was in progress.

The construction company tasked with renovating the facility were asked to monitor humidity, and approached us about providing a solution. Work was to be carried out over the winter period and primarily focused on three different areas of the gallery itself. Precious paintings and art is often vulnerable to cold or damp settings, so we acted quickly to the callout to ensure all items were appropriately preserved.

It was decided that a range of heating, drying and ventilation apparatus would be deployed in each of the three designated spots. Following a site survey and thorough assessment of the location, our technicians recommended and installed three DH150 dehumidifier units, three DE65 electric heaters and six ASF21 ventilation fans. This combination of equipment was enough to keep each section sufficiently warm and dry with a constant circulation of air flow. Our refrigerant dehumidifiers were extremely effective in removing moisture out of from the vicinity, while the heaters kept temperatures suitable for storage purposes.

We also delivered three Tiny Tag data units which allowed our engineers to constantly monitor the temperature and humidity levels, and then download climate reports at the end of each week. This service afforded the client peace of mind and eased their concerns regarding the environment. In total, our equipment remained at the gallery for more than eight months until the restoration project was completed. The customer was very pleased with the frequency of our updates as well as the overall efficiency of the systems we commissioned.



Power supply 415 V 3 ph 50 Hz Run 7 A  
Control Manual. Remote Humidistat option  
Noise level (max) 63.83 dBA @ 1 metre  
Plug type BS 4343 16amp 3ph 4 pin  
Weight 497 kg  
Average power consumption 2.7 kW/hr  
Dimension 350 x 660 x 1,313 mm



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