

# Case study 533

## Andrews provide drying solution for major construction project

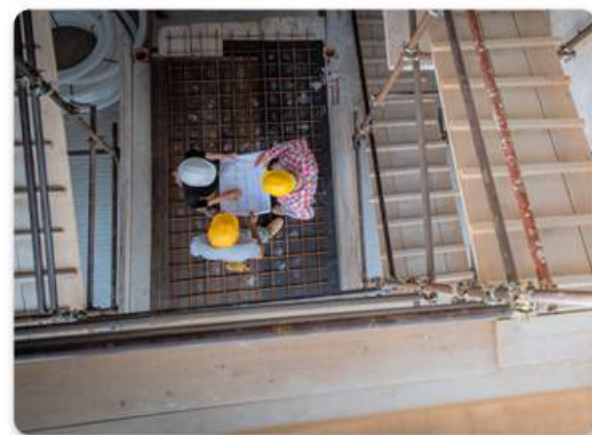
A leading construction company recently contacted Andrews Dehumidification Hire in search of an effective drying solution to assist with a building project in Cambridgeshire.

Our client was running behind schedule at an early phase of construction, meaning of the world's largest independent funders of cancer research would potentially have a significant delay opening in opening their new headquarters. Andrews Dehumidification were subsequently drafted in to assist with accelerating the drying process.

After conducting an assessment of the affected area, our specialists decided that the best course of action was to recommend the hire of a KT2000 desiccant dehumidifier. The unit in question is capable of drying areas of up to 3,300 m<sup>3</sup> which exceeded the requirement of our customer.

As part of our dehumidification hire package, we also supplied the large mobile building drier with a 'y-piece' duct splitter, to supply dry air directly into two different rooms at the same time – along with an exhaust duct taking the wet air out, which was located outside the application to assist with ventilation.

As our client was working within a strict time scale, our experts installed the temporary dehumidifier less than 24 hours after making contact. Thanks largely to the swift service of our local technicians, and the speed with which they were able to implement a short-term solution, the project was comfortably completed on time.



Extraction rate (max) 450 litres/24hr  
Nominal extraction duty at 75%  
RH @ 20°C 300 litres/24hr  
Air flow (max) 2,000 m<sup>3</sup>/h  
Keep dry area (typical) 5,500 m<sup>3</sup>  
Dry out area (typical) 3,300 m<sup>3</sup>  
Power supply 415V 3ph 50Hz  
Plug type BS4343 230V 5 pin 32 A  
Weight 225 kg  
Dimensions (LxWxH) mm 1,290 x 890  
x 1,050  
Control humidistat option  
Average power consumption 20 kW/h



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