

# Case study 508

## Library seeks drying assistance

As the UK's leading supplier of temporary dehumidification solutions, we pride ourselves on providing clients with hired equipment within four hours of opening contact. Our unrivalled range of portable dryers are regularly used across a full spectrum of industries, and often sought at short notice. Our ability to satisfy demand during emergencies has enabled us to establish a reputation as the country's most reliable specialist hire company.

So when a library in Stoke encountered difficulties with their air handler unit, an immediate alternative was needed to ensure books and maps were not affected by a lack of climate control. Shortly after their air handler broke down, we received a call from the customer. An Andrews Dehumidification Hire expert conducted a free site survey of their storage archives, with three separate rooms the subject of a thorough assessment.

In order to regulate both the temperature and level of humidity within the premises, we recommended three FD40 units and three Polar Wind air conditioners. The FD40s were selected because of their ability to reduce humidity in virtually any environment – even at low temperatures. Light and portable, this particular model of dehumidifier is compatible with a standard domestic power supply, enabling instant set-up and operation.

The replacement equipment served as an excellent alternative to the client's existing air handler, which was repaired while our units were in place. In total, these were on hire for three weeks and prevented valuable, delicate books and other documents from succumbing to an excessively damp atmosphere.



Air flow (max) 420 m<sup>3</sup> per hour  
Power supply 230/110v 1ph 50Hz  
Run 5.7/11.94 amps  
Noise level (max) 53dBA @ 3 metres  
Dimension 491 x 510 x 920 mm  
Control Manual  
Nominal extraction duty at 75% 37 litres per 24 hours  
Keep dry area (typical) 940 m<sup>3</sup>  
Dry out area (typical) 470 m<sup>3</sup>  
Plug type BS1363 230v BS4343 16A 110v

