

Case study 537

Andrews provide world-famous research facility with dehumidifier hire

When a world-famous research facility required specialist equipment to help eliminate condensation in their plant room, Andrews Dehumidifier Hire was on hand to help.

The company in question are a biomedical discovery institute dedicated to understanding the fundamental biology underlying health and disease. Our client's plant room was suffering from severe condensation caused by warm air with a high moisture content hitting the cold surface of their water tanks. The presence of condensation left monitoring and control systems in jeopardy and could have caused irreparable damage if it wasn't tackled quickly.

A local Andrews technician visited the premises to conduct a free site survey in order to assess the specifications of the problem area. A dryer hire solution was proposed which would immediately counter the condensation issue.

It was decided that three FD40 refrigerant dehumidifiers would sufficiently remove all moisture from the air, creating a suitable environment for electrical equipment to be safely housed in. The dehumidification equipment we provided made an immediate difference in restoring suitable conditions within the plant room.

By implementing an effective drying rental solution within hours of receiving the enquiry, we were able to restore conditions within the affected area. The customer was extremely pleased with our dehumidifier rental package, keeping the units on site until a permanent arrangement was devised by their facilities team.



ANDREWS
DEHUMIDIFICATION

HIRE SALES SERVICE INSTALL

0800 211 611

andrews-sykes.com

Extraction rate (max) 75 litres/24hr
Nominal extraction duty at 75%
RH @ 20°C 37 litres/24hr
Air flow (max) 420m³/h
Keep dry area (typical) 940m³
Dry out area (typical) 470m³
Power supply 230/110V 1ph 50Hz
Plug type BS1363 230V BS4343 110V
Noise level (max) 53 dBA
Weight 48kg
Dimensions (LxWxH) mm 510 x 491 x 920
Control Manual (humidistat option)
Average power consumption 984 W/h