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Press release

CALOREX ON THE PAPER TRAIL

VITALLY important archives will be preserved thanks to Calorex dehumidifiers that remove potentially harmful condensation from the air.

Reams of paperwork, including historically important data, are being preserved safely in the newly-opened, purpose-built storage warehouse where the Calorex DH60A wall-hung dehumidifiers were installed by B.S.J Mechanical and Plumbing Services of Princess Street, Sheffield.

Barnsley Metropolitan Borough Council's central storage facility for all council records was officially opened in October and will also house an 'overspill' of council archives including historical building plans and legal documents.

Drying by traditional heating involves continuously warming a stream of outside air on a constant 'in and out' cycle equivalent to eight times the volume of the room every hour.

Dehumidification, on the other hand, is much more sophisticated. It recirculates the same air and physically removes moisture from it. This alleviates the need to continuously reheat incoming air. Not only that, a dehumidifier will cleverly convert energy taken out of the room as moisture (latent energy), to create 'sensible energy' that can be used to heat the room, accelerating the drying process.

Typically, for every unit of energy that a Calorex dehumidifier consumes, it will convert 2.5 times this amount to useable heat. The potential energy savings are huge and of course the resultant savings in carbon emissions. In fact, compared to traditional heat and ventilation energy, cost savings of 500% are not unusual.

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Michelle Derbyshire, the council's records manager, said: "The new storage unit will provide a much more centralised and efficient records' system in place.

"We are all kitted out, with a mobile racking system, which means all records will be available to council officers and members with a scan-on-demand service.

"The choice of dehumidifiers weighed favourably against the possibility of future litigation if important documents became illegible through damage," she added.

For more information on the extensive range of products available from Calorex, the UK's leading environmental control equipment manufacturer, call 01621 856611 during normal office hours, visit the Calorex website at www.calorex.com or email sales@calorex.com

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