



**Calorex Heat Pumps Limited**  
The Causeway,  
Maldon,  
Essex CM9 5PU

**Tel** +44 (0)1621 856611  
**Service** +44 (0)1621 857171  
**Fax** +44 (0)1621 850871  
**Email** sales@calorex.com  
**Web** www.calorex.com



Ref: LIGHT/WL/CC/472  
Date: December 08, 2006

Press release

---

## CALOREX TRIPS LIGHTHOUSE FANTASTIC

THE stunning La Corbiere lighthouse has been keeping ships away from the rocks off the Jersey coastline since 1874 and owes much of its pristine condition to the work of four Calorex dehumidifiers.

Alarmed by peeling paintwork caused by dampness inside the imposing stone building – Jersey's Harbour Authority launched a rapid £47,000 refurbishment programme.

John Kelly, engineering services manager, said: "We found all the paint was peeling from the internal walls because it was so dank and humid inside. We ordered Calorex DH30 wall-hung dehumidifiers to help keep the correct relative humidity."

"The dehumidifiers were installed and the lighthouse re-painted inside and out. Since this work, seven years ago, the situation has improved radically, the new paint is unaffected by dampness and when you walk into the lighthouse it feels relatively warm," says Mr Kelly.

A Calorex dehumidifier is installed on each of the three floors of the lighthouse and a fourth in the room where the compressed air foghorn is stored, to help preserve its condition.

Four additional dehumidifiers are also making life more pleasant for passengers using the underground walkway at Jersey's Elizabeth Harbour ferry terminal.

Heat pump dehumidification is a reliable and efficient method of solving problems of excess moisture and condensation that cause damage and deterioration.

*more...*

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. In fact, compared to traditional heat and ventilation energy, cost savings of 500% are not unusual.

Calorex dehumidification units are self-contained in an attractive wall-mounted cabinet with fully automatic operation. Either unit can be supplied as a through the wall (TTW) version to allow installation in an adjacent space.

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](http://www.calorex.com) or email [sales@calorex.com](mailto:sales@calorex.com)

**---ENDS---**

---

**For media enquiries, and to request this release and visual electronically, please contact:**

**Spencer Peacock – Waterland Marketing Limited**  
**Tel. +44 (0)1353 666663 - Fax. +44 (0)1353 666664**  
**Email: [spencer@thewaterlandgroup.com](mailto:spencer@thewaterlandgroup.com)**

