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Press release

SMILES ALL ROUND FOR CALOREX

A major dental products manufacturer is all smiles after installing a heat pump from leading energy specialists, Calorex Heat Pumps of Essex.

Wiltshire-based Kemdent[®] produces a globally recognised range of dental laboratory and surgery products at its specialist factory in Swindon.

It was the recommendation of heat pump technology at an energy-conservation course that resulted in the company approaching Calorex.

“I don’t think people realise how effective heat pump technology is – as soon as we had installed and switched on the unit we had a free supply of hot water, it was pretty unbelievable,” comments Kemdent[®] director, Graham Mayoh.

“Although only installed in January of this year, early estimates indicate savings of around £600 per month over the winter months [Nov-April] and £150 over the remainder of the year, which is fantastic,” Graham adds.

Kemdent[®] funded the purchase of the unit, a Calorex AW1534BH through an energy-efficiency loan provided by The Carbon Trust. The loans are part of a £10m government-backed initiative providing funding of between £5,000 and £100,000 to qualifying small and medium sized enterprises in England and Wales.

Part of the manufacturing process in the Kemdent[®] factory involves the melting of wax which results in a large amount of heat being expelled into the air. The Calorex unit works by capturing this previously wasted hot air, recycling it to produce a free supply of hot water for the factory.

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To utilise the large amount of 'free' heat produced, Kemdent® has combined the Calorex unit with a new gas boiler, linked via a heat exchanger to provide heating for the whole factory. This has replaced an array of immersion heaters, electric fans and under floor heating previously required.

Unlike other water heating systems, a Calorex heat pump is capable of delivering up to five times more energy than it consumes. This makes them environmentally friendly and inexpensive to operate and the ideal product to qualify for a Carbon Trust interest free loan.

For more information on the extensive range of products available from the UK's leading heat pump manufacturer, call 01621 856611, visit the Calorex website at www.calorex.com or email sales@calorex.com.

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Note to editors:

Further information and advice on interest-free energy-efficiency loans can be obtained by contacting the Carbon Trust on 0800 085 2005 or by visiting the website www.carbontrust.co.uk/loans

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

**Spencer Peacock
Waterland Marketing Limited
Tel. 01353 666663 – Fax. 01353 666664
Email: spencer@thewaterlandgroup.com**

