

WENSLEYDALE CREAMERY



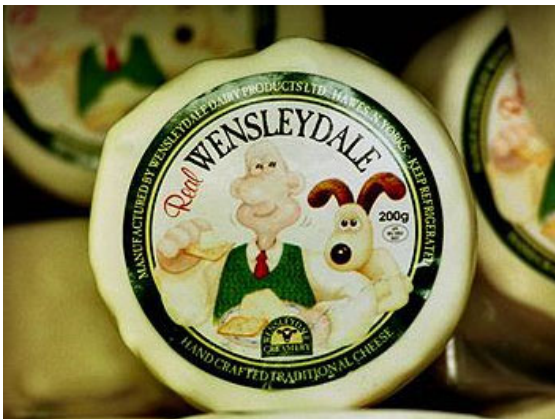
FREE HOT WATER "GROMIT" ?

When the makers of the famous Wensleydale Cheese wanted a hot water heating system for their new visitors centre they didn't need one of Gromit's crazy inventions they turned to an innovative solution from DK Heat Recovery. Using a "HEAT HOG" from DK Heat Recovery to capture the waste heat from the centres refrigeration units to heat all the water for FREE. Now that's an invention that Gromit could be proud of.

Supported by a grant from the Yorkshire Dales Millennium Trust and the Yorkshire Dales National Parks Authority to help with the capital cost and providing an educational environment for children to learn about energy conservation and sustainability.

The system is simplicity itself, maintenance free, having no moving parts it is highly efficient due to the innovative design of the heat exchangers that can remove up to 100% of the energy produced by the refrigeration plant.

Wensleydale Creamery's visitors centre cannot only boast its commitment to carbon reduction but enjoy a supply of FREE hot water for life



The saving in energy used just for providing hot water for visitors and centre staff equates to over **60,000 kilowatts per annum** saving approximately **£4,500 per year**.

The payback period when it was fitted with the then much lower energy prices was an incredible **1.7 years**.

Providing **FREE hot water** for the life of the visitors centre was the goal but from an environmental perspective the installation reduces the carbon footprint of the site by **16 tonnes of CO2 a year** with further reductions due to the reduced number of oil delivery vehicles visiting Hawes

