

Case Study

Cotswold Water Park 28kW

The facts:

Property Type:
Timber framed new build

Product supplied:
28kW Kensa Compact Heat Pump with twin compressors

Application:
100% space heating and cooling within the property

Installation:
Four Kensa closed loop pond mats floated out and sunk to the bottom of the lake.

Cost Savings:
Significant savings over oil heating

Fuel Displaced:
Oil

CO₂ Reduction :
46% saving over oil (based on data from the DTI and BRE)



'Lake system used to heat and cool visitor centre'

Used as Dr David Bellamy's base, this new office and visitor reception building is heated using renewable energy from the adjacent lake, which also provides cooling in summer.

Six of Kensa's 'Slinky Pond Mats' are sunk in the lake, and connected to a number of heat pumps. Like all heat pump installations, there is no pollution or

emissions of any kind on site which is vitally important in this lakeside wildlife rich position.

As well as providing low running costs the system also helps reduce the CO₂ emissions associated with heating and cooling the building, giving the building its environmental credentials. Additional to this is the requirement that the units need no servicing or maintenance.



The picture left shows one of Kensa's Engineers preparing the Slinky Pond Mats for installation whilst the picture above shows the ideal waterfront location of the offices.

£Grants
for details contact:

Kensa Engineering Ltd
Mount Wellington
Chacewater, Truro
Cornwall, TR4 8RJ.
Tel: 01392 826021/22
Fax: 01872 862440

info@kensaengineering.com
www.kensaengineering.com

Expertise | Service | Quality

**check out our
glowing reports...**

"This building provides a glimpse into the future of environment-friendly heating and cooling in the UK."

said Dr. David Bellamy at the opening.

