

Case Study

Bungalow, Mylor, Cornwall

The facts:

Property Type:
Retrofit

Property size:
145 m²

Product supplied:
6kW Kensa Compact
Heat Pump with
single compressor

Application:
100% space heating
within the property via
loft mounted fan coils

Installation:
Vertical Borehole, closed
loop ground array
1m x 70m deep hidden
beneath the driveway

Cost Savings:
Approximately £620 per
year based on June 2008
oil prices

Fuel Displaced:
Oil

CO₂ Reduction :
57% saving over oil
(based on data from
DBERR)



This bungalow is heated with a 6 kW Kensa Compact ground source heat pump connected to 1 x 70m deep vertical closed loop ground array hidden beneath the driveway. The building is heated via two loft-mounted fan coils connected to eight ceiling grilles and the system also gives full fresh air ventilation.



The drilling rig was simple to position with easy access via the driveway.

Trenches were short and narrow leading to the manifold and heat pump location at the back of the garage.

£Grants
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"We were surprised at how smooth the installation was for us, with minimal disruption. Savings on our energy bills, compared with oil is fantastic and our house value has increased, we're over the moon". **Home-owner**

