

Case Study

Executive Home, Aberdeen

The facts:

Property Type:
New Build

Property size:
470m²

Product supplied:
24kW Twin Compressor
Compact Heat Pump

Application:
100% space heating
within the property,
complementing under-
floor heating.

Installation:
Five horizontal 'Slinky'
coils of underground
pipes were laid in
50m trenches, 2m deep.

Cost Savings:
TBC by self builder

Fuel Displaced:
Oil

CO₂ Reduction :
57% saving over oil
(based on data from the
DTI and BRE)



This large executive home in the suburbs of Aberdeen is heated with Kensa's 24 kW twin compressor heat pump connected to five 50m Slinky closed - loop ground arrays. This system was connected to a "wet" underfloor heating system and was supplied as a complete mail order kit for installation by the owner and his tradesmen.

The pictures below show a manifold connected to the underground Slinky pipes and an example of a 24kW twin compressor heat pump.



£Grants

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"Our Kensa heat pump continues to work fine, after five years...especially in combination with our wood burning stove in winter, for extra cosy warmth."
Mr Bellarby, Self Builder

