

RHI
Now
Available

Residential

Revolutionary Heating & Hot Water Technology

Reliable Air Source Heat Pumps. Cut your bills and earn RHI

Air Source Heat Pumps are a very reliable low cost method of heating a residential property. Our system easily connects to your existing central heating system and gives you comfortable heating along with domestic hot water.

Global Energy Systems have developed our unique Air Source Heat Pump to work in temperatures as low as -20°C , whilst supplying high grade hot water up to 70°C . One of our unique features allows you the ability to run your central heating system at the same time as heating hot water. Our customers enjoy feeling the benefits of warmth whilst saving up to 65% compared to some fuels.

Global Energy Systems have also developed an easy to use colour touch screen interface with a remote link which connects each system to our Head Office. Customers now have the ability to log on to their systems and see their running costs, as well as making any changes to their heating and hot water requirements. This unique system allows the homeowner the ability to log on with a computer or mobile phone whilst away from your home.

Key Benefits

- ✓ Reduce your heating bills by up to 65% and earn Renewable Heat Incentive for 7 years
- ✓ Simultaneous production of hot water and central heating
- ✓ Built-in remote monitoring service
- ✓ Check your system, data costs, graphs and statistics online
- ✓ Colour touch-screen controller with time scheduler
- ✓ Zero emissions on site
- ✓ Easy to install and retrofit to existing systems

Our Air Source Heat Pumps are perfect for...

Rural properties



Underfloor heating



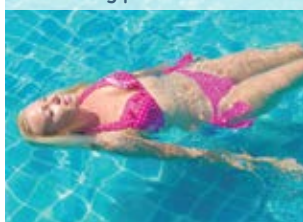
Heating with radiators



Hot water on demand



Swimming pools



Hot tubs



Heat Pump Range

8kW Oxford
10kW Thurso
14kW Winchester
18kW Caernarfon

CASE STUDY 1

- ✔ 1 x Caernarfon 8-18kW Eco Air Boiler
- ✔ Stand alone Heating system
- ✔ Over 30% cheaper running costs against previous heating
- ✔ Over £8,000 RHI Incentive payments over the next 7 years

LARGE SINGLE STORY PROPERTY

Previously on an oil fired central heating system coming to the end of its life the owner of this property wanted to make a personal change to a renewable technology. Having carried out a lot of research, comparing between differing renewable technologies, then varying manufacturers of Air Source Heat Pumps, this owner was sold on the high COP's and specific USP's that Global Energy Systems Caernarfon Air Source Heat Pump had to offer.



The Air Source Heat Pump covers the whole properties heating and hot water demands throughout the depths of winter keeping his property warm when he needs it the most. With the savings he is making there is also the RHI incentive payments he is receiving. £1,200 a year totalling over an estimated £8,000 during the next 7 years will provide this customer with a 4 year pay back on his renewable technology.

CASE STUDY 2

- ✔ 1 x Caernarfon 8-18kW Eco Air Boiler
- ✔ Bivalent system, integrated oil back up
- ✔ Over 60% Saving on previous heating bills
- ✔ Over £10,000 RHI incentive payments over the next 7 years

NEWLY RENOVATED LANCASHIRE MANOR

Recently renovated Lancashire manor. Used to be heated by oil boiler and separate immersion heater for hot water leading to very high running costs in excess for £4,00 a year. Global Energy Systems Caernarfon Air Source Heat Pump was integrated to the present oil boiler to create a bi-valent heating system.



The Air Source Heat Pump meets the properties heating and hot water demands down to -3.2°C., although a bi-valent system the oil boiler was not required at all last year. With over 60% savings being made by the Air Source Heat Pump against previous oil heating bill the owner is also receiving over £1,300 in RHI incentive payments to offset the purchase of a renewable technology. The savings and incentives allow us to estimate a 2.5yr pay back on this installation.

This government backed scheme will run for 7 years providing the owner just short of an estimated £10,000 in payments.

CASE STUDY 3

- ✔ 1x Caernarfon 8-18kW Eco Air Boiler
- ✔ Standalone wet central heating system
- ✔ RHI Accredited
- ✔ Over £13,000 savings + RHI payments to be earned over 7 years

NEW BUILD PROPERTY

This property is a self build project where the owner was looking for a way to keep his heating and hot water costs at a minimum. With a wide range of options available for heating the property a Global Energy Systems 8-18kW Caernarfon was installed. This standalone unit provides all the heating and hot water requirements of the building while keeping running costs low.



The property has under floor heating throughout the ground floor with radiators on the first floor. The heating system is over £500 cheaper to run than alternatives but overall savings are far in excess of that due to the government funded RHI scheme. This property receives over £1,900 a year renewable incentives. This totals a huge estimated pay back of over £13,000 through the duration of the 7year RHI period.

Not all features are available on all heat pumps. All estimates and savings correct at time of calculation.

For more information visit www.globalenergysystems.co.uk or call +44 (0) 3333 444 414

