

UNDERFLOOR HEATING

A highly efficient method of heating a building, underfloor is ideally suited to being serviced by renewable energy. Underfloor heating provides a comfortable living and working environment, and our solution is both high quality and affordable.

RAIN WATER HARVESTING

Our rain water harvesting applications form part of our 'whole building' approach to renewable energy and reductions in carbon footprints.

WE WILL WORK WITH YOU TO FIND THE BEST POSSIBLE RENEWABLE ENERGY SOLUTION FOR YOU.

Our experienced technical team is able to offer a comprehensive assessment of your needs.

As registered installers your installation may qualify for incentive schemes such as the RHI or the FITS. We can advise you on where to find out more about the support you are entitled to.

Simply call us on
01325 320910

WHAT ARE THE BENEFITS OF USING RENEWABLE ENERGY?

Global Benefits of Using Renewable Energy

- Reduced Local Emissions
- Reduced Greenhouse Gas Emissions
- Global Sustainability
- Inexhaustible Supply of Heat
- Reduced Reliance on Fossil Fuel

Personal Benefits of Installing Renewable Energy

- Reduced energy costs
- Increased comfort
- Reduced maintenance costs
- Reduced VAT - Only 5%
- Increased return on investment



We installed the heat pump when our old oil boiler needed replacing. I would expect to have used well in excess of 1000 litres of heating oil over the period since, which would have cost at least £450 at last year's prices. I think we will have saved around £300 over the winter, which is very welcome.

M WILKINSON, ECODAN AIR SOURCE HEAT PUMP AND SOLAR PANEL INSTALLATION

I'm sure you will be pleased to hear the system is working well beyond our expectations. Yesterday gave us 67 deg hot water by the time we got home from work. In September!

TIM DAVIES, RENEWABLE (GREEN) ENERGY FOR UK HOMES

Designed by: revolution.co.uk

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revolutionpower
RENEWABLE ENERGY FOR BUSINESS & HOME

SOLAR
AIR SOURCE HEAT PUMPS
GROUND SOURCE HEAT PUMPS
UNDERFLOOR HEATING
RAIN WATER HARVESTING

Revolution Power is one of the UK's leading suppliers of renewable energy sources. Using the highest quality branded products, we install a comprehensive range of renewable energy solutions, including air source heat pumps, ground source heat pumps, solar and solar photovoltaic panel heating and power systems.

Our highly experienced technical team analyses every job, providing a fully comprehensive service to ensure the best possible technical solution. Revolution Power has an extensive and successful track record of installations in homes, commercial premises, schools and colleges and community projects.

Our continuing commitment to excellence and innovation has earned us numerous industry awards and a reputation for excellence and innovation in this fast-moving sector.

To discuss your renewable energy requirements, please contact us on 01325 320 910 or email info@revolutionpower.co.uk



Nothing can quite beat the feeling of taking a nice hot shower knowing that the heating of the water has been produced purely by the sun.

**KEN BRADSHAW,
SOLAR THERMAL PANEL INSTALLATION**

SOLAR

There are two main ways of harnessing the sun's energy – Solar Thermal and Solar Photovoltaic.

SOLAR PHOTOVOLTAIC (PV)

This technology converts the sun's energy into electricity for use within the building, with any excess electricity being exported into the national grid.

Both systems can be integrated into the fabric of a building, or be free standing.



SOLAR POWER THERMAL

Solar thermal is a relatively low cost technology that provides a supply of hot water in both domestic and commercial premises, by harnessing the sun's energy. This technology can be effectively integrated with other renewable energy products to produce a significant reduction in environmental impact. Businesses can benefit from low interest loans to install solar thermal systems for hot water production. (Contact us for further information)

Our Schuco solar panels provide 50 to 70% of your domestic hot water needs.



CASE STUDY

GRIMSBY MENTAL HEALTH UNIT, GRIMSBY



We were contacted and asked to provide a solution for a Solar Thermal Installation consisting of ten panels on two mental Health units in Grimsby. The solar thermal panels provide hot water for both buildings.

The Schuco Solar Thermal System of 23m² (in collector size) provides approximately 1000 litres of hot water per building per day. The Schuco designed panels are the ultimate in flat plate solar technology and are robust, very neat and compact in design.

CASE STUDY

ROCK HALL SCHOOL, ALNWICK



The main objective was to provide heating and hot water for the new hall building and integration into the under floor heating system.

A Ground Source Heat Pump was the only viable option given that alternatives were oil and lpg, thus saving a third of the running costs. Also the GSHP is perfect for under floor heating as both systems work more efficiently at lower temperatures.

The project was funded under the Low Carbon Building Programme Phase 2.

AIR SOURCE HEAT PUMPS

The low cost answer to domestic renewable energy, an air source heat pump can be used to heat both water and buildings. It uses technology similar to that of a fridge, using the refrigeration process to extract heat from the air which is then transferred into a heating or hot water system.

AIR TO WATER

Efficiently warms water, ideal for conventional heating and hot water systems, or for underfloor heating.

AIR TO AIR

Efficiently warms the air which is circulated around the building by fans.

GROUND SOURCE HEAT PUMPS

Utilising the relative heat of the ground a few feet beneath the surface, ground source heat pumps provide an extremely energy efficient way of heating both buildings and water. The system can also provide an air cooling facility which increases the system's efficiency.

The installation of ground source heat pumps offer huge reductions in fuel bills – typically up to 75% in electrically heated homes, and 60% in oil heated. This results in a significant reduction in CO₂ emissions.

