



ONE PLANETS CONSULTANTS LTD

AIR SOURCE HEAT PUMPS

One Planets Consultants can supply Air Source Heat Pumps from leading manufacturers in the UK & Europe, from small 5kW single phase units to larger three phase models. Our market-leading range of heat pumps offers the right solution for every project.



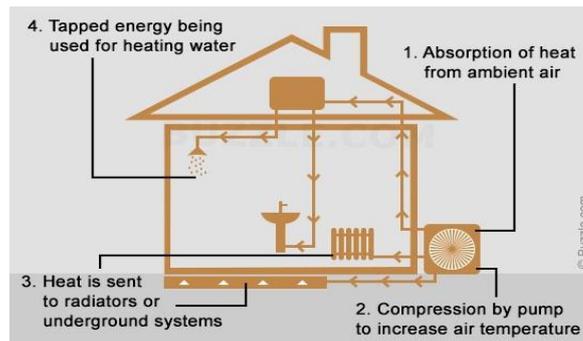
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AIR SOURCE HEAT PUMPS

Air Source Heat Pumps (ASHP) are an efficient, alternative form of heating. The heat pumps extract renewable heat from the outside air. The ASHP moves the heat from outside into your home which can then be used to heat radiators, underfloor heating systems, warm air convectors and even heat your hot water in your home.

ASHP's extract heat from the outside air in the same way that a fridge extracts heat from its inside. ASHP's can obtain heat from the air even when the temperature is as low as -15°C . ASHP's have some impact on the environment as they need electricity to run, but this is minimal as the heat they extract from the air is constantly being renewed naturally by the sun.



Unlike gas and oil boilers which burn fossil fuels to produce heat, ASHP's deliver heat at lower temperatures. During the winter, they may need to be on constantly to heat your home efficiently. You will also notice that radiators won't feel as hot to the touch as they might do when you are using a gas or oil boiler – this is normal.

One Planets Consultants design, supply and install a range of ASHP systems, carefully calculating which solution is best for both performance and value. OPC has access to models from a variety of respected manufacturers across Europe, available on single phase electricity supply up to 22kW, as well as larger three phase models. Our market-leading range of heat pumps offers the right solution for every home or project.

BENEFITS OF AN AIR SOURCE HEAT PUMP

- Lower fuel bills, especially if you are replacing conventional electric heating.
- Potential income through the UK Government's Renewable Heat Incentive (RHI).
- Lower carbon emissions.
- No fuel deliveries required.
- Can provide total space heating and hot water requirements.
- Minimal maintenance required.
- Easier to install than a ground source heat pump.

FUNDING

Qualifying systems can claim the Renewable Heat Incentive (RHI), this Government scheme started in 2014 rewards adopters of renewable heating technologies such as Air Source Heat Pumps. Switching to an Air Source Heat Pump saves energy and helps the UK reduce its carbon emissions and meets its renewable energy targets.

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