

Warming up to winter with **Heat pumps**

Heat pumps are the latest sustainable heating trend. With government grants for heat pumps increasing on 23rd October 2023 to £7500, and with Octopus Energy introducing their new Cosy 6 heat pump model, heat pumps are proving to be ever more popular.

There are two main types of domestic heat pumps: air source and ground source. Air source pumps are easier to install and cost-effective. In the UK, they remain effective until temperatures drop below -20°C .



How efficient are heat pumps?

Heat pumps are more efficient than other heating systems because the amount of heat they produce is more than the amount of electricity they use.

How do heat pumps work?

Everything around us contains thermal energy. Heat pumps extract heat from sources like the air or soil and transfers that heat into your central heating and hot water system.

What are the costs involved?

The initial cost of installing heat pumps can be a concern for many, but government schemes in England and Wales now offer **grants** of £7500 towards air source or ground source heat pumps.

When it comes to running costs, heat pumps are highly efficient, making them a competitive choice compared to other heating options like LPG, electric boilers, or oil.

What about my radiators?

Heat pumps run at a lower temperature than a typical gas boiler (which means they are more environmentally friendly and cheaper to run), but they **often require bigger radiators to be installed**.

We offer a huge range of styles and sizes of radiators and can offer our expertise to help you find the perfect one for your space whilst considering your heat pump.

Our **Alchemy**, **Etonian Cast Iron**, and **Core Column** radiators have been used many times on heat pumps successfully.

Many of our radiators suit heat pumps and work well with them, the key is specifying the right size for the right operating temperature. Being forward thinking, we have added a Delta T changer to our website so you can easily find out what radiators and what heat will work effectively with your heat pump's Delta T rating. We are always happy to help you with this.