

Air Source Heat Pump (ASHP)

What is an air source heat pump?

An air source heat pump, sometimes referred to as an air-to-water source heat pump, transfers heat from the outside air to water, which heats your rooms via radiators. It can also heat water stored in a hot water cylinder for your hot taps, showers, and baths.

What are the benefits?

- Provides an opportunity to lower electricity bills and reduce your carbon footprint.
- Easy installation process.
- Low maintenance and long-life span

Will a heat pump save me money on my energy bills?

If an air source heat pump is replacing electric storage heaters, there is a potential saving of £1500 per year based on a typical three-bedroom semi-detached home.

The potential annual savings from replacing an old LP boiler with an air source heat pump in a typical three-bedroom semi-detached home is £780 per year. (Figures are based on fuel prices under the Energy Price Guarantee running from April 2023 to the end of June 2023.) (Energy Saving Trust)

How much space is required to install an air source heat pump?

You'll need a place outside your home where a unit can be fitted to a wall or placed on the ground. It must have some space around it to allow a good flow of air. This system also requires a cylinder inside. If there is no airing cupboard in your house, we'll discuss options around creating one within your home.

What is the installation process and how will this impact me?

We'll need to be in your home for about 5 working days to complete the installation inside and outside. Depending on your existing system, there will be times when you won't have hot water or heating, but we will make arrangements with you to reduce the amount of disruption. The site team will show you how the system works and how best to use your new heating system as soon as it is installed.

When will I see the benefits of this?

You'll notice the financial benefits of your new air source heat pump within six months to a year of the unit being installed. If the new heating system is used as it is designed to be, you should notice that your home does not get as cold straight away.



Tank Integrated Hydro Unit & Smart Plumb Cylinder



R32 Outdoor Unit