

WHAT IS IT?

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

The main unit is installed next to an external wall on your home and links up with an internal unit and a hot water cylinder.

Air Source Heat Pumps run off electricity and are a low carbon form of heating which means they are much better for the environment. Air Source Heat Pumps are designed to run all day at a constant temperature (usually recommended to run at 18°C).



HOW DOES IT WORK?

It works in the same way that a refrigerator does, only in reverse! Heat from the air outside is absorbed into a fluid which then passes through a heat exchanger into the heat pump. This raises the temperature and transfers the heat to water.

WHAT ARE THE BENEFITS TO ME?

Air Source Heat Pumps are more efficient than other types of electric heating. They require less energy to produce the same amount of heat as your current electric radiators would need. This means you need less energy to heat your home and you are reducing your carbon footprint, which means the amount of greenhouse gases being produced in your home is greatly reduced.

Your home will be kept at a constant temperature so you should feel cosy all year round. When installed alongside solar panels this can help to reduce your overall energy costs.

WHAT WILL I NEED TO DO FOR THE WORK TO TAKE PLACE?

We will need access to your garden as well as inside your home. We will agree a location for the ASHP that meets both planning regulations, the best routing for pipes and cables and your preferences. We will need the agreed to location to be clear of items and hazard free.



For the internal works we will need to install radiators in your home along with a hot water cylinder. We will agree the best location for this with you. We will need access to all your rooms to carry out these works and they will need to be clear and hazard free.

Please ensure all pets are kept secure and children under the age of 18 are not left unattended.

AFTERCARE

Air Source Heat Pumps work best when left to run permanently at a lower temperature (usually around 18 degrees). If you turn it up too high or switch it on and off, it will make it less efficient and it may cost you more to run.

You will be shown how to use your new heating system to get the best out of it and how to adjust the temperature. You will also be shown how to use your new hot water cylinder.

OUR PROMISE TO YOU

CLC Contractors understand the inconvenience that these works may cause. Our aim is to complete the works as quickly and stress free as possible. We promise to keep you informed of our plans and updated of any changes if or when they happen.

Our Resident Liaison Officer will be in regular contact with you throughout the duration of the works to ensure any issues or concerns are answered quickly.

The dates and timescales of all works will be agreed with you in advance.

We will be courteous and will take care when working in or around your home and will leave your home neat and tidy at the end of each working day.

