



CROSTON PLUMBING & HEATING

Air Source Heat Pumps

Our practical guide to learning more about air source heat pumps.





About Us

Established in 2006, Croston Plumbing & Heating is a family business with an ethos to offer an exceptional customer experience. Our reputation has been developed through hard work and reliability, which is why we are one of the leading plumbing heating companies across the North-west.

Our team of experienced and fully qualified engineers are committed to delivering the highest standards, using only the best materials and equipment to ensure that our work is built to last. We are proud to be your local Worcester Bosch accredited installers that can offer a range of benefits.

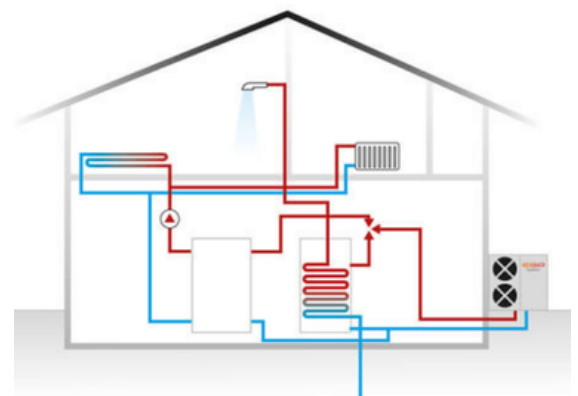


The future is green

How do heat pumps work?

Air Source Heat Pumps (ASHPs) capture heat from the external air using an evaporator coil filled with refrigerant. As the refrigerant absorbs this heat, it turns into a gas. This gas is then compressed to raise its temperature before passing through a heat exchanger, where the captured heat is transferred to the home's heating system.

The refrigerant, having released its heat, condenses back to a liquid, goes through an expansion valve, and starts the cycle again. Some ASHPs can also cool homes by working in reverse, extracting heat from inside and releasing it outside. ASHPs function like reversed refrigerators, efficiently heating or cooling spaces even in diverse climates.



The benefits of air source heat pumps



It could lower your fuel bills at home



It could lower home carbon emissions



Subject to status, there is a £7,500 grant available



It can heat your home as well as your water



ASHPs can also operate in reverse during warmer months, acting as an air conditioner to cool your home.

At its core, an Air Source Heat Pump is a marvel of modern technology that enables us to harness the natural energy in our surroundings.

ASHPs absorb heat from the outside air, even in colder temperatures, and use it to warm your home and water.



What is BUS?

If you are thinking of air source heat pumps, you may be eligible for a £7,500 grant.

The Boiler Upgrade Scheme (BUS) supports the decarbonisation of heat in buildings. It provides upfront capital grants to support the installation of heat pumps in homes and non-domestic buildings in England.

Although the government shifted their position slightly in the September 2023 announcement, the message remains the same.

In order to meet the UK's net zero targets, 80% of homeowners will need to switch over to heat pump technology by 2035. That 80% covers the majority of UK homes, including those off-grid.

With the increased funding of £7,500 now in place, the incentive to make the move to renewables has never been more attractive.

Who can apply to the scheme?

To apply, you'll need to:

- Own your property (this can be a home or a small business property).
- Have a property with an installation capacity up to 45kWth (this covers most homes).
- Have a valid energy performance certificate (EPC) Your EPC must **not** have any outstanding recommendations for loft or cavity wall insulation (unless you have any insulation exemption).



Worcester Bosch accredited

Croston Plumbing & Heating is proud to be your local Worcester Bosch accredited installer.

This accreditation is awarded directly by Worcester Bosch themselves and shows they recognise the high standards of work we complete. This accreditation is only given to certain heating and plumbing companies.

All Worcester Bosch accredited installers must undertake extensive training carried out at Worcester Bosch HQ. The companies selected on to the scheme are entrusted by Worcester Bosch to carry out a range of heating services to the highest level.



Our Services

We are proud to showcase some of the other services that we offer at Croston Plumbing & Heating.

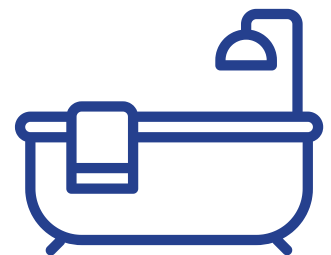
New Boiler Installation

We offer reliable and efficient boiler installation services, with extended guarantees and financing options available to suit your needs. Additionally, we are approved installers for Worcester Bosch and Baxi. We are also Gas Safe registered engineers.



Bathroom Renovation

Locally we are your trusted bathroom renovation experts in Chorley. We have years of experience providing benchmark bathroom renovation services to our valued customers. So whether you want to renovate a small bathroom or a large master bath, we can help you achieve the bathroom of your dreams.



Care Plans

We offer a range of boiler care plans from as little as £13.00 per month. As homeowners, we tend not to think about the importance of our heating system, until a problem occurs. It can be also at a time that you least expect it, that means you can be frantically trying to find a local company to solve your problem as none of us like to be without heating and hot water for too long.



View all our services at www.crostonplumbing.co.uk



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