



Lisa

...defeating the evil
carbon order



Sustainable Heating - FAQ's

Q: Are gas boilers being banned?

A: No, gas boilers will not be banned from 2025. It is however likely that new build properties from 2025 will not achieve the 75% - 80% carbon reduction targets they have been given with a gas-fired boiler. So, it is thought that new build properties will be heated with a renewable heating technology such as a heat pump.

Q: What does the UK Government net zero target by 2050 actually mean?

A: Net zero 2050 refers to the country producing net zero carbon emissions by that year.

However, this doesn't necessarily mean that 'no' carbon will be produced and released into the atmosphere. Instead, technology, and in some cases, nature will be utilised to ensure that the carbon released into the atmosphere is 'offset' elsewhere.

Q: Can I still replace my old gas boiler? And do I need to replace it before 2025?

A: Yes, you can replace your existing gas-fired boiler and no, you don't have to do this before 2025.

Q: Why are the Government banning gas?

A: The Government are banning natural gas in new build homes in an effort to reduce carbon emissions in the UK. Low to no carbon alternatives such as hydrogen gas are still being trialled and may become a viable alternative in the future.

Q: What is the alternative to a gas boiler?

A: There are a number of different alternative options to a natural gas boiler. These include, renewable technologies, electric heat pumps, and, hybrid heating systems which combine two or more different technologies.

Julie

...fighting tooth and claw
with carbon emissions.



Q: What are the benefits of fitting a heat pump?

A: Heat pumps can deliver a number of benefits. They can lower your fuel bills, lower your home's carbon emissions and there is little maintenance required. They are a great way to heat your home in an environmentally friendly way while saving money in the long term.

However, heat pumps aren't suitable for all property types. They are most suitable for new build properties which have higher levels of insulation and lower heat loss. New build property's can also be designed with a heat pump in mind, for example heat pumps are ideally suited to underfloor heating or larger radiators which can be more easily installed at the construction stage.

Q: Can you have a boiler and a heat pump working together in the home?

A: You can. These are called hybrid systems and offer great benefits including reduced alterations needed to an existing heating and hot water system or the property itself.

Hybrid systems also mean that a heat pump can heat the home efficiently during the summer months and has the back-up of a boiler for colder times if the heat pump is unable to heat the home fully on its own.

Q: Is hydrogen a safe fuel?

A: In short, yes.

There are numerous trials taking place across the UK and its safe use in the home, many of which we at Worcester Bosch are involved in.

Most recently, this includes the Hydrogen House in Gateshead where two homes have been built specifically to showcase the gas in operation. Such as boilers, cookers, and fires all running on hydrogen.

Q: What are the advantages and disadvantages of a hydrogen boiler?

A: Many existing homes, despite energy efficiency improvements, still have relatively poor insulation and high rates of air exchange with the outdoors.

A hydrogen-ready boiler is capable of accommodating an existing high temperature heating system in a hard-to-heat building. Where costs are highly constrained, the boiler (and conversion of the local gas network) provides an accessible way to deeply decarbonise heat.

A hydrogen-ready boiler is great for homeowners as they do not require any behaviour change and will provide the same delivery of comfort as an existing natural gas boiler.



Worcester Bosch is teaming up with installers across the UK and Ireland to help homeowners future proof their heating and lead the way to a greener future in their community.

Worcester Bosch
Sustainability Campaign
as seen on:

