

Hybrid Heating and Hot Water Systems

Save money and energy today.

■ Heating ■ Hot water ■ Renewables

 **Vaillant** Comfort for your home

A



Boiler

B

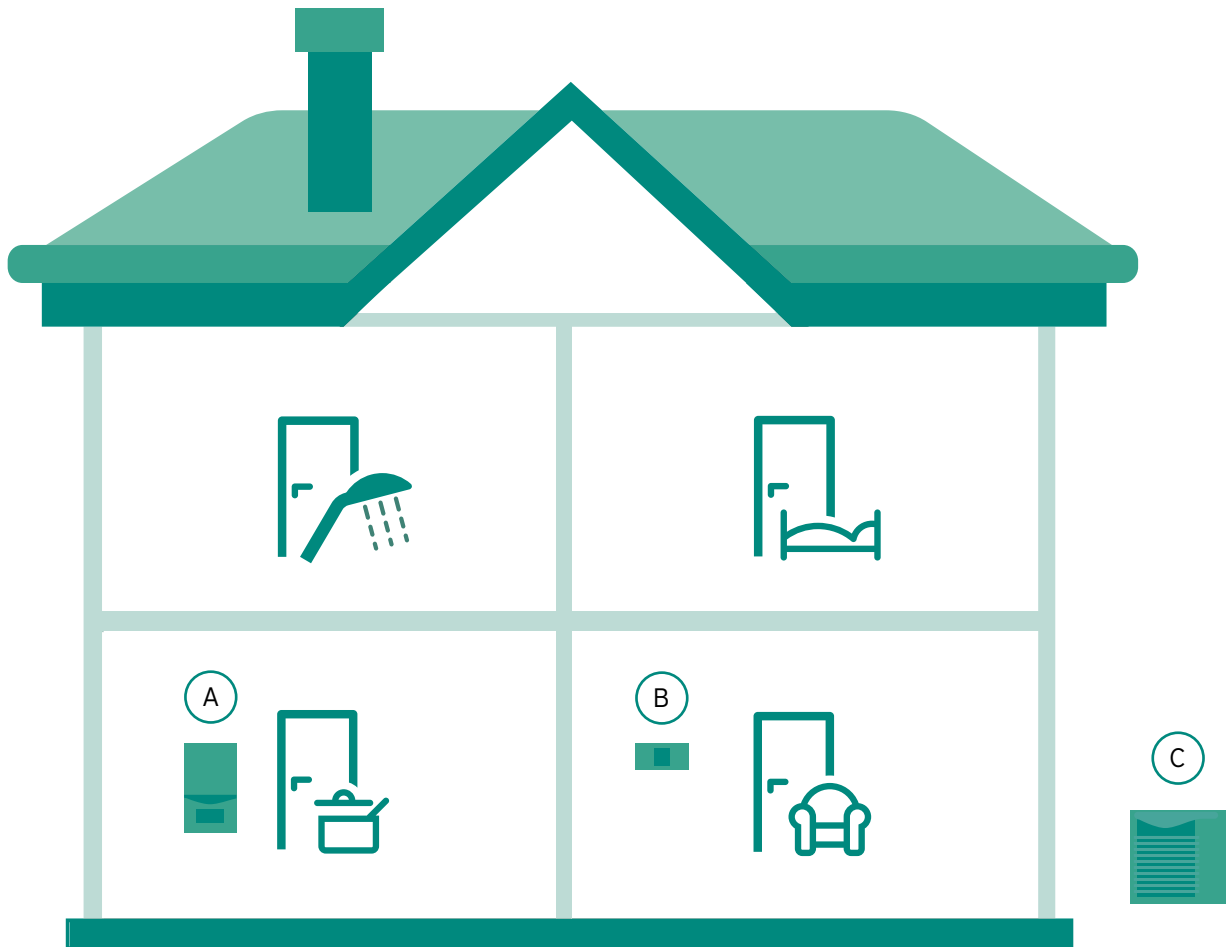


VRC 700 control

C



aroTHERM air source heat pump



How controls work together with the Hybrid system

Hybrid systems are intelligent, which means they use state-of-the-art controls to assess the most efficient way to heat and provide hot water for your home. Your hybrid system uses a Vaillant VRC 700 control, which communicates to both the heat pump and the boiler. VRC 700 features Vaillant triVAI® technology, which continually calculates the cost of running the system.

The control assesses the outside temperature, in addition to the costs of your gas and electricity tariff. The control then selects the most efficient and cost effective way to heat your home and produce hot water.

This ensures that your home is warm and there is plenty of hot water, whilst helping you to save money on your energy bills.

There is no need to adjust any controls or settings: the whole system operates automatically, so you don't need to worry.

This means that your system could be working in one of three ways:

- 1 Only the heat pump is running
 - 2 Only the boiler is running
 - 3 Both the heat pump and boiler are running
-

For each scenario, the VRC 700 control ensures each appliance operates only when it's needed and keeps working as efficiently as possible.

What is a Hybrid system?

A hybrid system works by combining a heat pump with a traditional heating technology, such as a gas boiler. Hybrid systems produce both heating and hot water for your home, in a more sustainable way when compared to a traditional heating system alone.

A hybrid system is highly efficient and will keep your home warm and cosy, while helping to keep your energy bills low.

What are the benefits of a Hybrid system?

- Produces both heating and hot water for your home
- More environmentally friendly and sustainable than traditional heating and hot water systems
- Incredibly efficient, which helps you save money on your energy bills
- Low maintenance
- Low running costs
- Operates automatically to ensure heating and hot water is produced in the most efficient and cost effective way
- Works in the coldest of temperatures

Future technology and sustainability within Vaillant

Vaillant has been setting the standard in the heating market since 1874 by continually developing products that revolutionise the industry.

We have produced a comprehensive range of renewable technologies designed to use sustainable sources of energy, to safeguard the planet and help homeowners save money on their energy bills.

For more information, visit www.vaillant.co.uk





General Enquiries

If you have any questions or need further support, our dedicated team of advisers are here to help you.

Telephone: **0345 602 2922**

Renewable Service

For enquires regarding maintenance, servicing or VRC 700 controls, then contact one of our technical advisors for further support.

Telephone: **0330 100 3540**

Email: **aftersales@vaillant.co.uk**