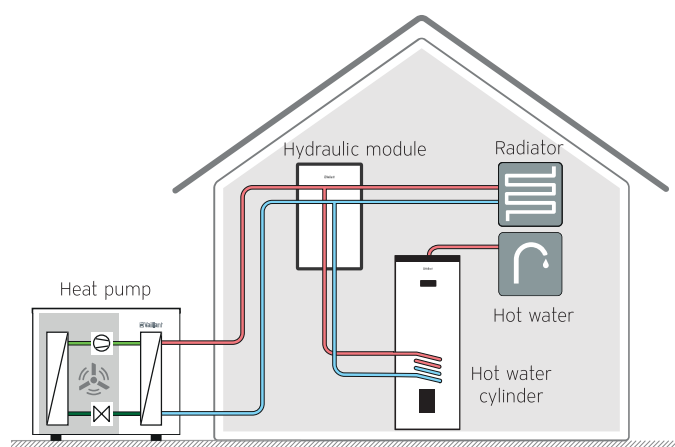


aroTHERM plus with hydraulic module



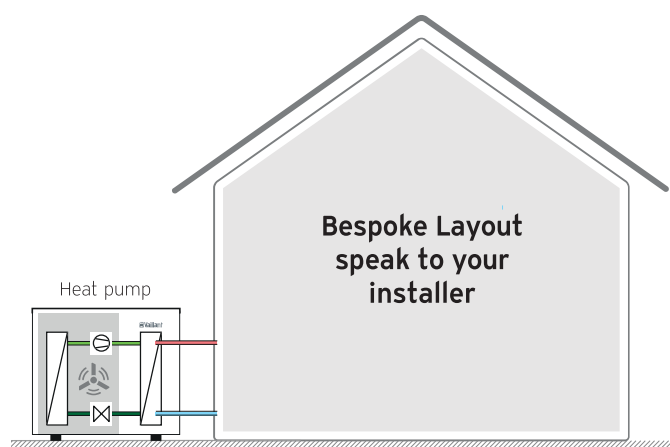
Benefits of aroTHERM plus with hydraulic module

- Heating system components integrated within the hydraulic module
- Easy to connect to uniSTOR heat pump hot water cylinder if hot water is required. uniSTOR heat pump hot water cylinders are available between 150 and 500 litres dependant on your needs
- Can be connected to larger hot water cylinders

Products required for this solution:

- 1) aroTHERM plus
- 2) Hydraulic module
- 3) Hot water cylinder
- 4) Controls

aroTHERM plus with heat pump interface



Benefits of aroTHERM plus with heat pump interface

- Heating system components installed separately
- Can be connected to larger hot water cylinders and Vaillant components
- Can be connected to existing boiler system for a hybrid heating and hot water solution

Products required for this solution:

- 1) aroTHERM plus
- 2) Heat pump interface
- 3) Choice of heating components as designed by your installer

Smart control options

To control your heating and hot water system, you will need a system control where you can program your heating and hot water. You have a choice of Vaillant controls with either the sensoCOMFORT or VRC 700 which both come in wired or wireless options. Your local installer can advise on the right option to suit your requirements. Plus, you can also control your device with our smartphone app.



sensoCOMFORT



VRC 700



Smartphone app

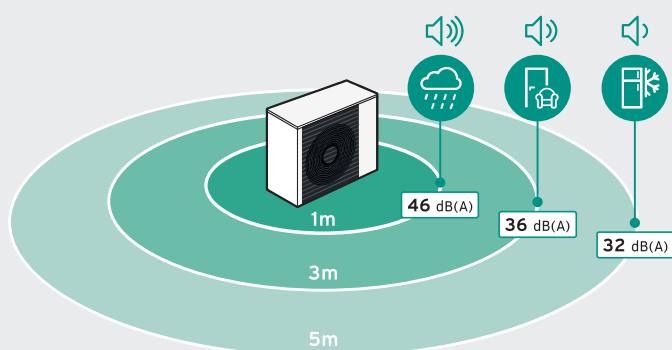
Cylinder options

If you require hot water in your property, you have the option to use the indoor unitTOWER unit or a hot water cylinder. Vaillant uniSTOR hot water cylinders are available in a range of sizes for heat pumps and hybrid systems. Speak to your installer to choose the correct cylinder for your needs.



Key terms explained

What is sound power?



Sound emission from the aroTHERM plus

5kW heat pump, free standing

Sound power

This is the rate at which sound energy is emitted from a unit. The sound power of all heating products like heat pumps and boilers are displayed on the ErP product label.

Sound pressure

This is the volume of sound you hear as the sound travels through the air. So the further away you move from the sound source, the lower the volume of sound you hear. Sound pressure values are always lower than sound power values. An example of the sound pressure value would be 46dB(A) the (A) shows that is a sound pressure value.

What is Global Warming Potential (GWP)?



GWP is a comparative value that indicates the greenhouse effect of a greenhouse gas, such as a refrigerant, if it were to be released into the environment. The higher the value, the worse the impact on the climate. The aroTHERM plus has a very low impact on the environment, with an outstanding GWP of just three.

Coefficients Of Performance (CoP)

CoP is the efficiency ratio of heating output compared to the energy input required to power the unit depending on the air and flow temperatures. The higher the CoP figure, the more efficient the heat pump is. Air source heat pump units usually have a CoP of around 3 - 4, the aroTHERM plus has a CoP up to 5.2, making it highly efficient.

Seasonal Coefficient Of Performance (SCoP)

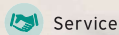
SCoP is a value that describes the efficiency of the output of the heat pump. It's derived from analysing the data from a combination of tests taken over the course of a year (to allow for seasonal variation). A SCoP value is used to calculate the running cost of your heat pump; the higher the SCoP value, the more efficient the heat pump and the lower the running costs of your heating system.

What is Boiler Upgrade Scheme (BUS)?

The Boiler Upgrade Scheme (BUS) provides upfront grants to support the installation of heat pumps in homes in England and Wales.

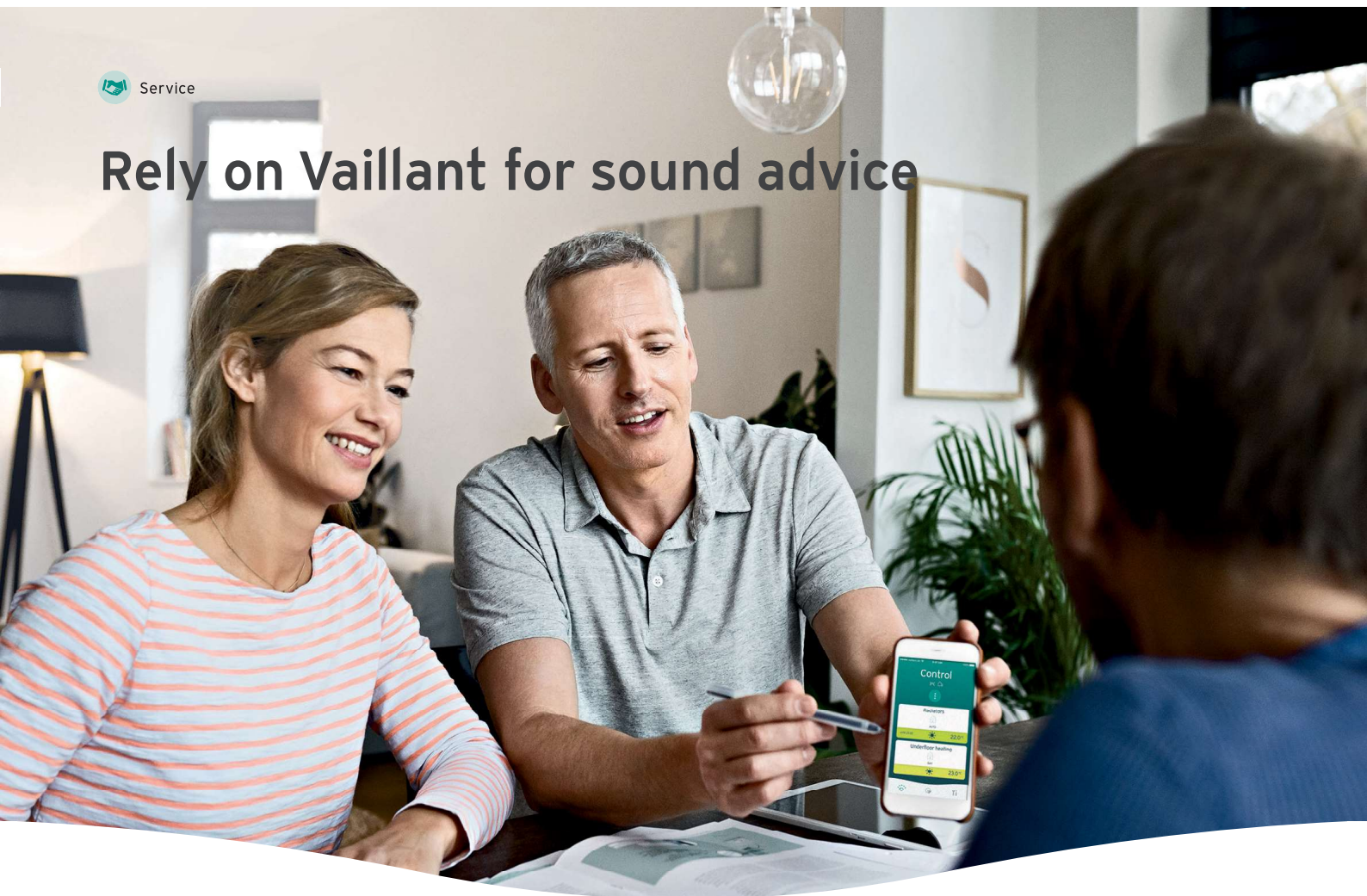


All Vaillant heat pumps are MCS accredited and eligible for BUS.



Service

Rely on Vaillant for sound advice



With its first-rate service, Vaillant can make life more comfortable before your new heating system has even been installed.

The first person to contact is, of course, your renewable heating engineer who will provide expert advice on all of the technical aspects. To find a Vaillant renewable heating engineer near you, please visit: vaillant.co.uk/findaninstaller

If you would like details of the latest products and comprehensive information about heating in general, you can visit us online at any time: vaillant.co.uk



Heating



Hot water



Renewables

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