

## Other British Gas products

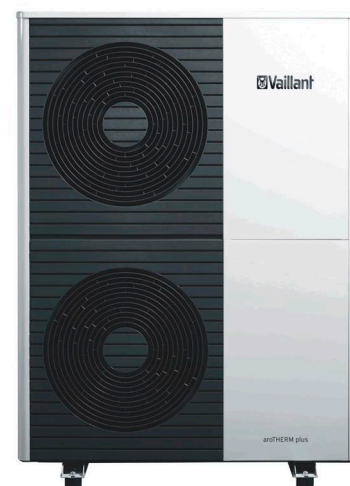
### Air Source Heat Pumps

#### Vaillant aroTHERM plus Air Source Heat Pump (ASHP)

Vaillant ASHPs are one of the most eco-friendly heating solutions on the market.

ASHPs extract heat from the ambient air outside your home to produce your heating and hot water. This reduces your reliance on fossil fuels to keep your home warm and cosy.

They're outdoor units especially designed to work in cold temperatures, and come in a variety of outputs to suit a broad range of homes.



#### Features and benefits:

**Low energy consumption** – Vaillant's aroTHERM plus is one of the most efficient ASHPs on the market.

**Super-quiet operation** – makes it easy to find a suitable external location for your ASHP, without disturbing the neighbours.

**Smart control system** – depending on your choice of ASHP, you can program your heat and hot water systems and control them from our smartphone app.

| Model Name                   | Heat Output kW* | Case Dimensions             |
|------------------------------|-----------------|-----------------------------|
| Vaillant aroTHERM plus 3.5kW | 4.4             | H-765mm W-1,100mm D-450mm   |
| Vaillant aroTHERM plus 5kW   | 6.2             | H-765mm W-1,100mm D-450mm   |
| Vaillant aroTHERM plus 7kW   | 8.1             | H-965mm W-1,100mm D-450mm   |
| Vaillant aroTHERM plus 10kW  | 10.2            | H-1,565mm W-1,100mm D-450mm |
| Vaillant aroTHERM plus 12kW  | 12.3            | H-1,565mm W-1,100mm D-450mm |

\*external air temp 0°C and a flow temp of 55°C

## Vaillant uniSTOR standard cylinder

These are high-quality, unvented, stainless-steel hot water stores, designed for use with your ASHP. They'll provide you with a plentiful supply of hot water.

| Model Name                                   | Hot Water Volume | Case Dimensions   |
|----------------------------------------------|------------------|-------------------|
| Vaillant uniSTOR 150 litre standard cylinder | 135 ltrs         | H-1,000mm W-638mm |
| Vaillant uniSTOR 200 litre standard cylinder | 170 ltrs         | H-1,265mm W-638mm |
| Vaillant uniSTOR 250 litre standard cylinder | 229 ltrs         | H-1,535mm W-638mm |
| Vaillant uniSTOR 300 litre standard cylinder | 254 ltrs         | H-1,745mm W-638mm |



## Vaillant aroTHERM 45 litre buffer

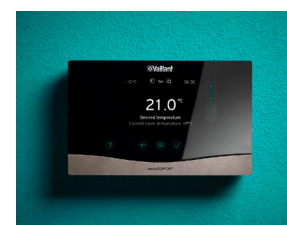
The primary role of a buffer tank is to keep a minimum volume of water 'in circuit' and maintain the minimum flow rate. Both the minimum flow rate and the minimum volume of water in circuit are necessary to keep the heat pump happy.

| Model Name                        | Case Dimensions         |
|-----------------------------------|-------------------------|
| Vaillant aroTHERM 45 litre buffer | H-939mm W-467mm D-467mm |



## Vaillant sensoCOMFORT heating control

The new, intuitive touch screen interface provides simple navigation and task setting. This makes it easy for you to manage your central heating and hot water in the most efficient way possible.



## Frequently asked questions

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### **How does an ASHP provide heat?**

The air outside your home is used to heat a refrigerant liquid within your ASHP. This liquid is then pressurised via an integral heat pump, which increases the temperature significantly. It's then used to heat your hot water and warm your radiators.

### **What is CoP (Coefficient of Performance)?**

This is the efficiency of the heat pump (like MPG in a car). A CoP of 4.5 means that for every 1kW of electricity used, you will get 4.5kW of heat.

### **What will happen to my energy bill?**

Although ASHPs operate at up to 350% efficiency (for every 1 kWh of electricity it uses, it can generate around 3.5 kWh in heat), we can't guarantee that having one installed will reduce your heating costs.

### **What is the BUS (Boiler Upgrade Scheme)?**

The Boiler Upgrade Scheme (BUS) is a UK government scheme which helps to reduce the cost of switching to renewable heating systems, including air source heat pumps.

The BUS provides you with a £5,000 grant. We take care of all the paperwork and apply the £5,000 reduction to your initial quote.

All our heat pump installers are MCS accredited to operate under the Boiler Upgrade Scheme. We'll leave you with a commissioning certificate upon completion of your installation, which will prove that your installation was carried out by an MCS-accredited installer.

To find out more, please visit:

**[ofgem.gov.uk/environmental-and-social-schemes/boiler-upgrade-scheme-bus](https://www.ofgem.gov.uk/environmental-and-social-schemes/boiler-upgrade-scheme-bus)**

### **How long is the warranty?**

Your ASHP comes with a 5 year warranty plus 1 year's central heating cover. This includes repairs for your ASHP, metering and monitoring equipment, controls and central heating in the first year, and repairs for your ASHP, metering and monitoring equipment in years two to five.

### **What if I need some help with my ASHP?**

For warranty claims, or for post-installation support, you can contact us at:

Email: [ASHP@britishgas.co.uk](mailto:ASHP@britishgas.co.uk)

Phone: 0330 100 0543