

Heating Hot water Renewables

Works with
serviceASSIST for
remote monitoring

vSMART™

Smart internet connected control



The vSMART offers the same functionality as a programmable room thermostat, but also features an internet connection that allows users to control their heating and hot water remotely from a mobile device, using an app.

This intelligent heating control uses Vaillant's proprietary eBUS protocol to communicate with the boiler, providing load and weather compensation data that allows your boiler to modulate its output to ensure it's always working at optimal efficiency. It also learns the thermal behaviour of the building to ensure the boiler better responds to meet your heating and hot water requirements.

The vSMART can be programmed with multiple personalised usage profiles to provide a completely tailored heating and hot water system. It has a useful holiday function so the heating can be temporarily turned-off when the building is empty.

The app is versatile and offers the opportunity to have several users in control of one thermostat. The app also offers the possibility to control more than one thermostat, so you can look after the heating schedule for another home or, for example, a relative.

The electronic paper display uses proven electronic paper technology that offers outstanding contrast, making the display easy-to-read whether it's positioned on a table or mounted on a wall. It uses power only when the display is refreshed, so uses very little electricity.

vSMART is compatible with serviceASSIST, Vaillant's boiler management app that allows heating engineers to manage their Vaillant portfolio of customers remotely.



Proudly supporting installers

Key features and benefits

- **Boiler modulation**
Vaillant's eBUS protocol ensures the boiler modulates for optimal efficiency and peak performance
- **Internet weather compensation**
Optimises system flow temperatures and efficiency based on the temperature outside your home
- **ErP class VI**
High ErP performance for up to 4% increased efficiency
- **Boiler Plus compatible**
Meets Boiler Plus requirements with ease due to being a smart, weather compensating and modulating control
- **Intelligent self-learning**
Immediately begins to learn the thermal behaviour of the building to better respond to your requirements
- **ServiceASSIST**
Compatible with Vaillant's app, so boilers can be monitored remotely
- **Android and Apple iOS application**
Easy remote control of heating and hot water via a mobile app

- **Multi-user sharing and multi-home control**
The app allows for multiple users to access one control. You can also use one app to connect to multiple controls, e.g. family home and holiday home
- **Electronic paper display**
Black and white display uses proven electronic paper technology offering outstanding contrast, resulting in crystal clear information. vSMART only uses power when the display is refreshed
- **Holiday function**
Prevents the heating from coming on whilst you are away and puts it back on ready for when you return
- **Multiple personalised usage profiles**
Profiles can be added, providing a completely tailored heating and hot water system
- **Wall mounted or table stand installation**
vSMART is delivered with a wall bracket and a table stand that enables the user to choose the perfect location

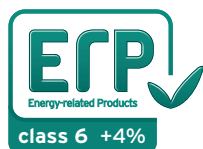
Technical data	Unit of measure	Weather compensating controls	
		vSMART thermostat	vSMART gateway
Article number		0020223154	
Height	mm	83	84
Width	mm	105	83
Depth	mm	26	25
Power supply		3 x 1.5V (AAA)	230v
Battery life	Years	≈2	
Frequency	Hz		50 / 60
Minimum cross-section of the connection lines	mm ²		Plug supplied
Minimum cross-section of the eBUS and sensor wire	mm ²	0.75	
Current consumption	A		<2
Level of protection		IP20	
Adjustable temperature range	°C	7 - 30	
Max ambient temperature	°C	50	
Transmissions frequency	MHz	868	
WLAN type		802.11 (2.4GHz)	
Maximum communication range (outdoor)	m	100	
Maximum communication range (indoor)	m	≈25	
ErP class		6	
ErP contribution %		4	

I would like to...

Control a combination boiler with one wired heating zone and operate this from a thermostat in the home and remotely via smartphone or tablet

Programmable room thermostat

vSMART
combi pack
0020223154



Control a system or open vent boiler with one wired heating zone and operate this from a thermostat in the home and remotely via smartphone or tablet

Programmable room thermostat

vSMART system/
open vent pack
0020223158



How to videos



Vaillant serviceASSIST

Vaillant introduced its eBUS communication technology into its products in 2006. This enables Vaillant appliances to talk to each other and offers data on the performance of the heating system and its components.

This technology now means that Vaillant can enable installers to offer their customers extra levels of service and support, using serviceASSIST.

The solution means installers can remotely monitor their customer boiler installations, with access to detailed performance data, fault code history and offer diagnostic insights - all at the click of button.

Download serviceASSIST today

Currently only compatible with Vaillant's vSMART connected control.

Get started with serviceASSIST in three easy steps

1. Download the app

The app can be easily accessed directly through the serviceASSIST website or by downloading the iOS or Android app.

2. Sign-in with Advance

To access serviceASSIST, an active Vaillant Advance account is required. One can be created using the link found on the serviceASSIST website or app, or directly on the Vaillant Advance website or app.

3. Get started

Set up is complete! Start adding customers and providing peace of mind with serviceASSIST.



Contacts

Sales support

Vaillant products are available to purchase from reputable heating merchants in the UK. To find contact details for your nearest Vaillant representative:

Telephone: 0345 602 0262

Technical enquiries

For technical assistance:

Telephone: 0344 693 3133

email: aftersales@vaillant.co.uk

General enquiries

If you have a general enquiry our friendly reception staff will happily point you in the right direction:

Telephone: 0345 602 2922

email: aftersales@vaillant.co.uk

Training enquiries

Vaillant provides many different training courses. For more information:

Telephone: 0345 601 8885

email: training@vaillant.co.uk




Dedicated state-of-the-art Centres of Excellence

Vaillant has training facilities all over the country. Our centres have been developed and designed with you in mind, offering a comfortable and superbly equipped training environment in spacious facilities. We offer plenty of opportunities for hands-on experience and product familiarisation.



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-  Heating
-  Hot water
-  Renewables

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