

VRT 350 programmable thermostat



The VRT 350 is an intelligent, room compensating control that allows you to fine tune your heating system for greater comfort control. This control is available in wired and wireless (VRT 350f) versions.

This easy-to-use control allows the user to set heating profiles for seven days, with three temperature settings throughout the day. The VRT 350 intelligently uses Vaillant's proprietary eBUS protocol to communicate with the boiler, providing enhanced load compensation data that allows the boiler to modulate its output to ensure it's always working at optimal efficiency to give you the desired room temperature.

Vaillant programmable thermostat controls have been designed to be easy-to-use and feel familiar, whilst automatically offering advanced functionality, including a holiday mode that switches the heating off when the property is empty and turns it back on when you return.

It has an easy-to-use Quick Mode selection and an intuitive menu layout on a blue backlit display that offers outstanding contrast and low energy consumption. Only two push buttons and one rotary knob are needed to select and change settings. The display shows service, maintenance, and fault indicators to alert users to any issues.

When used with a VR 66 wiring centre, the VRT 350 can control either an S or a Y plan system, and can control two heating zones as well as hot water (S plan plus). It's compatible with the full range of Vaillant combi, system and open vent boilers.

Key features and benefits

- **Boiler modulation with our eBUS protocol**
Uses Vaillant's eBUS protocol to take total control of your Vaillant boiler
- **Enhanced load compensation**
Enhanced load compensation ensures the boiler modulates so it only ever uses the energy it needs
- **Flexible time programs**
Three heating and hot water periods can be set for each week or 24 hour period
- **Quick mode selection**
This menu allows users to quickly override heating and hot water schedules without affecting set programs
- **Clear, high contrast backlit display**
Blue backlit display offers outstanding contrast and low energy consumption
- **Easy-to-use intuitive menu layout**
Simple to set heating and hot water programs
- **Fully compatible**
Compatible with Vaillant combi, system and open vent boilers

- **Easily control traditional S and Y plan systems**
Can control either an S or a Y plan system when used with our VR 66/2 wiring centre
- **Service, maintenance and fault indicator**
Appliance service, fault, and maintenance indication is displayed on the screen
- **Automatic daylight saving**
Automatically adjusts to British summer/winter time
- **Holiday function**
Ensures heating is turned off for the duration of your holiday, but back-on in time for your return
- **Programs stored in memory permanently**
Holds times and temperature programs permanently, even in the event of power failure
- **Wired and wireless versions available**
The VRC 350f is the wireless version with all the same functionality as the wired version

Technical data	Unit of measure	VRT 350	VRT 350f	VRT 350f plug in receiver
Article number		0020124475	0020124482	
Height	mm	97	115	115
Width	mm	147	147	147
Depth	mm	50	50	50
Power supply		eBUS 24V	4 x 1.5V (AA)	eBUS 24V (plug in)
Battery life	Years		≈1.5	
Minimum cross-section of the eBUS and sensor wire	mm ²	0.75		
Current consumption	mA	<50		<60
Level of protection		IP20		
Adjustable temperature range	°C	5 - 30		
Max ambient temperature	°C	50		
Transmissions frequency	MHz		868	
Transmission power	mW		<10	
Maximum communication range (outdoor)	m		100	
Maximum communication range (indoor)	m		≈25	
ErP class		5		
ErP contribution %		3		

I would like to...

Control a combination boiler with one wired heating zone and control everything from a single load compensating programmable thermostat

Programmable room thermostat

VRT 350
0020124475



Control a combination boiler with one wireless heating zone and control everything from a single load compensating programmable thermostat

Programmable room thermostat

VRT 350f
0020124482



Control a system or open vent boiler with one wireless heating zone and control everything from a single load compensating programmable thermostat

Programmable room thermostat

VRT 350f
0020124482



Wiring centre

VR 66/2
0020135785



Control a system or open vent boiler with one wired heating zone and control everything from a single load compensating programmable thermostat

Programmable room thermostat

VRT 350
0020124475



Wiring centre

VR 66/2
0020135785



How to video



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
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