

Heating Hot water Renewables

Works with Vaillant's  
heat pump range

# sensoCOMFORT



The sensoCOMFORT is Vaillant's latest control for multi-zone heating systems. It's been designed to be simple to install and use, and operates with Vaillant's proprietary eBUS protocol. This ensures all the components of the system can easily communicate with each other to provide optimum system performance. It's perfect for multi-zone gas-fuelled systems, and hybrid, or renewable installations.

The sensoCOMFORT has been designed to be simple to install, with guided commissioning that detects all the components of a system and proposed pre-defined settings. The system will propose pre-defined settings to optimise your customers heating, simplifying commissioning and saving you time during installation.

A simplified interface means that your customers will also find this control more intuitive to use. Time programs can be created in minutes by answering a few questions, and when used with the myVAILLANT connect internet gateway, the myVAILLANT app makes it easy to use on the go. The sensoCOMFORT also features an energy dashboard, which provides valuable insights into energy consumption over a two-year period. This data will include an overview on renewable gain when a Vaillant heat pump is fitted as part of the heating system.

To provide a weather compensated solution, the sensoCOMFORT comes complete with an outdoor sensor that will automatically adjust the flow rate of the boiler for ultimate efficiency.

The sensoCOMFORT is available in a wireless version (RF) that can control up to three heating zones. With the ability to cascade up to seven boilers, the sensoCOMFORT is perfect for the larger, commercial rig installations.

## Features & benefits



### Boiler modulation

eBUS connection allows the boiler to modulate, ensuring peak performance and optimum efficiency for a Vaillant heating system.



### Weather compensating

sensoCOMFORT comes with an outdoor sensor which provides an understanding of the thermal behaviour in and around the property and adjusts the flow temperatures to ensure optimal efficiency.



### Intuitive Interface

The touch interface provides a simplistic method of navigating the control to undertake simple tasks.



### Energy dashboard

Provides enhanced insight into your customers heating system performance and energy consumption.



### Time programme assistant

Effortlessly set heating programmes within minutes using the time programme assistant.



### Dedicated myVAILLANT app

With a Vaillant internet gateway, myVAILLANT app can be downloaded and used to manage heating and hot water requirements on the go.



### Available wired and wireless

The sensoCOMFORT is available wired and wireless. The wired sensoCOMFORT can support up to 5 heating zones, while the wireless sensoCOMFORT can support up to 3 heating zones. VR 92 thermostats can be added to control individual zones.

Technical data	Unit of measure	senso COMFORT	senso COMFORT RF	VR 92	VR 92f	Accessories	
						VR 70 / VR 71	VR 66/2
Article number		0010036819	0010036820	0020260925	0020260940	(VR 70) 0020184844 (VR 71) 0020184847	0020135785
Height	mm	109		109		293	185
Width	mm	175		175		277	281.3
Depth	mm	26	27	26		68	49.5
Power supply		eBUS 24V	eBUS 24V 4 x 1.5V (AA)	eBUS 24V	4 x 1.5V (AA)	230v	
Battery life	Years		≈1.5		≈1.5		
Frequency	Hz					50 / 60	
Minimum cross-section of the connection lines	mm <sup>2</sup>					1.5	
Minimum cross-section of the eBUS and sensor wire	mm <sup>2</sup>	0.75				0.75	
Current consumption			<50 mA			VR 70: <4 A VR 71: <6.3 A	<2 A
Level of protection		IP20					
Adjustable temperature range	°C	5 - 30					
Maximum ambient temperature	°C	60	45	60	45	60	
Transmissions frequency	MHz		868.0 ... 868.6		868.0 ... 868.6		
Maximum transmission power	mW		<25		<25		
Maximum communication range (outdoor)	m		≤ 100		≤ 100		
Maximum communication range (indoor)	m		≤ 25		≤ 25		
ErP class		6					
ErP contribution %		4					

# I would like to...

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

## Programmable room thermostat

Wired

sensoCOMFORT  
0010036819

VR 92 0020260925

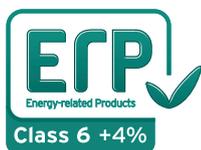
VR 71 0020184847

Wireless

SensoCOMFORT RF  
0010036820

VR 92f 0020260940

VR 71 0020184847



Control a system or open vent boiler with one wired/wireless heating zone and hot water, and control everything from a single programmable thermostat

## System control

Wired

sensoCOMFORT  
0010036819

VR 71 0020184847

Wireless

SensoCOMFORT RF  
0010036820

VR 71 0020184847



Add myVAILLANT connect for additional connectivity functions



Control a combination, system or open vent boiler with two wired/wireless heating zones and hot water using programmable thermostats

## System control

Wired

sensoCOMFORT  
0010036819

VR 92 0020260925

VR 71 0020184847

Wireless

SensoCOMFORT RF  
0010036820

VR 92f 0020260940

VR 71 0020184847



Control a combination, system or open vent boiler with three wired/wireless heating zones using programmable thermostats

## System control

Wired

sensoCOMFORT  
0010036819

2 x VR 92  
0020260925

VR 71 0020184847

Wireless

SensoCOMFORT RF  
0010036820

2 x VR 92f  
0020260940

VR 71 0020184847



# I would like to...

Control a combination, system or open vent boiler with four wired heating zones and hot water using programmable thermostats

Control a combination, system or open vent boiler with five wired heating zones and hot water using programmable thermostats

## System control

Wired  
sensoCOMFORT  
0010036819  
3 x VR 92  
0020260925  
VR 70 0020184844  
VR 71 0020184847



## System control

Wired  
sensoCOMFORT  
0010036819  
4 x VR 92  
0020260925  
VR 70 0020184844  
VR 71 0020184847



Note: items sold individually, these are suggestions for use. Upgrade any system by installing myVAILLANT connect internet gateway.

## How to video



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