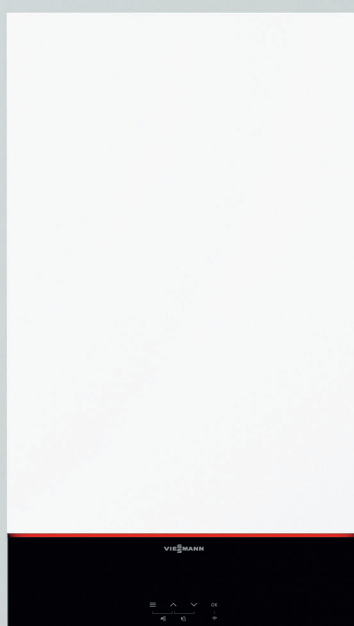


**WALL MOUNTED GAS CONDENSING BOILER**

Very attractively priced wall mounted boiler
for apartments and single-family houses:

VITODENS 100-W (type B1HG/B1KG)

VITODENS 111-W (type B1LG)

**Heating with gas**

Impressively
economical and
environmentally
friendly operation

Compact and efficient wall mounted gas condensing boilers with a very attractive price/performance ratio.



H₂ READY
20% hydrogen operation

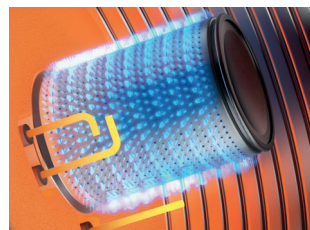
Vitodens 100-W featuring an attractive design in Vitoppearlwhite

As a large-scale manufacturer with many years of experience in the production of wall mounted boilers, we know what matters. Viessmann product quality is something you can rely on, and the very attractively priced Vitodens 100-W and Vitodens 111-W (with integral 46 litre stainless steel loading cylinder) are no exception. Viessmann wall mounted boilers are renowned not just for their innovative technology and performance, but for their reliability and durability too. Thanks to advanced assemblies, this wall mounted gas condensing boiler is extremely compact and can be installed even in small recesses. No side service clearances are required, since all the connections are easily accessible from the front. This makes Vitodens wall mounted boilers ideal for modernising apartments or single-family houses.

**MatriX-Plus burner:
the heart of your heating system**

Among the benefits of the MatriX-Plus burner are its efficient operation, quiet running and low emissions. The special stainless steel MatriX surface is resistant to high temperatures, which ensures reliable performance and a long service life.

Another technical innovation from Viessmann is the fully automatic Lambda Pro combustion controller. It automatically adapts to all gas types and ensures consistently clean and efficient combustion.



MatriX-Plus burner

**Stainless steel Inox-Radial heat exchanger:
efficient and durable**

Stainless steel makes all the difference. The corrosion-resistant, stainless steel Inox-Radial heat exchanger is at the heart of the Vitodens 100-W/111-W. It efficiently converts the input energy into heat. In addition, the particularly durable, high grade stainless steel ensures reliability.

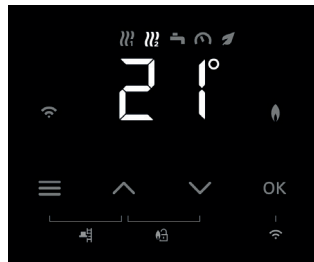
10 year guarantee

on stainless steel heat exchangers for gas condensing boilers up to 150 kW



Inox-Radial heat exchanger

VITODENS 100-W
VITODENS 111-W
 3.2 to 32 kW

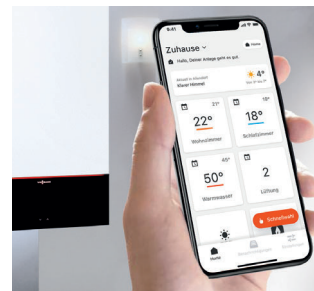


LCD screen with 7-segment display and touch buttons

Energy savings, convenience and reassurance with ViCare

Vitodens wall mounted gas condensing boilers with the new electronic platform have an integral WiFi interface. This connects the heating system directly to the internet if required. Operating the heating system is very simple and intuitive with the ViCare app. It sets the course for digital services and is in direct contact with the local heating contractor. The ViCare app provides information on the current operating status of the energy system, while time programs for central heating and DHW heating contribute to energy cost savings. It is compatible with almost all iOS and Android mobile devices.

ViCare can use the smartphone's GPS function* to detect how far the user is from the heating system. If specified distances are exceeded, the room temperature is automatically reduced. You can also expand the system with a ViCare thermostat to enjoy even more convenience and efficiency.



The ViCare app allows convenient operation of the heating system, helping to save energy – anytime, anywhere.



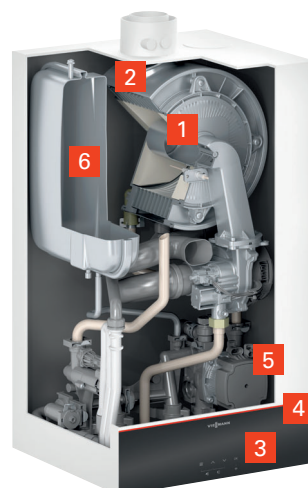
ViCare thermostat for more convenience and efficiency



Wireless remote control with modulating room thermostat Vitotrol 100-E. Can be used in combination with the ViCare app.

BENEFITS OF THE VITODENS 100-W AND VITODENS 111-W

- + Very attractive price/performance ratio
- + Durable and efficient thanks to Inox-Radial stainless steel heat exchanger
- + MatriX-Plus burner with Lambda Pro combustion controller for permanently high efficiency and clean combustion
- + Simple and intuitive operation via LED screen with 7-segment display and touch buttons
- + Web-enabled thanks to integrated WiFi interface for more comfort, energy savings and reassurance with ViCare
- + Certified for 20 % hydrogen content in natural gas



VITODENS 100-W

- 1 MatriX-Plus burner with Lambda Pro combustion controller
- 2 Inox-Radial heat exchanger
- 3 LED screen with 7-segment display and touch buttons
- 4 Internet inside
- 5 High efficiency pump
- 6 Expansion vessel (8 litres)

Wall mounted gas condensing boiler

VITODENS 100-W

Appliance type		B1HG B1KG	B1HG B1KG	B1HG B1KG
Rated heating output range				
50/30 °C	kW	3,2 – 19,0	3,2 – 25,0	3,2 – 32,0
80/60 °C	kW	2,9 – 17,5	2,9 – 23,0	2,9 – 29,3
Dimensions				
Length	mm	360	360	360
Width	mm	400	400	400
Height	mm	700	700	700
Weight	kg	33	33	33
Flue gas connection	Ø mm	60	60	60
Ventilation air connection	Ø mm	100	100	100
Combi boiler DHW output	kW	27,3	31,7	34,9
Energy efficiency class	h	A (G → A ⁺⁺⁺) ¹⁾	A (G → A ⁺⁺⁺) ¹⁾	A (G → A ⁺⁺⁺) ¹⁾
	w	A (G → A ⁺⁺⁺) ²⁾	A (G → A ⁺⁺⁺) ²⁾	A (G → A ⁺⁺⁺) ²⁾

The Vitodens 100-W combi boiler is equipped with an integral instantaneous water heater for DHW heating.



Vitodens 100-W
(B1HG et B1KG)

VITODENS 111-W

Appliance type		B1LG	B1LG	B1LG
Rated heating output range				
50/30 °C	kW	3,2 – 19,0	3,2 – 25,0	3,2 – 32,0
80/60 °C	kW	2,9 – 17,5	2,9 – 23,0	2,9 – 29,3
Dimensions				
Length	mm	500	500	500
Width	mm	600	600	600
Height	mm	950	950	950
Weight	kg	68	68	68
Cylinder capacity	l	46	46	46
Draw-off rate	l/min	18,5	20,1	21,2
Continuous DHW output	kW	26,6	30,3	33,9
Flue gas connection	Ø mm	60	60	60
Ventilation air connection	Ø mm	100	100	100
Energy efficiency class	h	A (G → A ⁺⁺⁺) ¹⁾	A (G → A ⁺⁺⁺) ¹⁾	A (G → A ⁺⁺⁺) ¹⁾
	w	A (G → A ⁺⁺⁺) ²⁾	A (G → A ⁺⁺⁺) ²⁾	A (G → A ⁺⁺⁺) ²⁾

Note on draw-off rate: Specified for ΔT 30 K

Vitodens 100-W/111-W appliances are tested and approved for natural gas and LPG to EN 15502.

Different rated heating output for operation with LPG or multiple flue connection; see technical guide



Vitodens 111-W (B1LG)

PRODUCT FEATURES

- + Rated heating output: 3.2 to 32 kW
- + Standard seasonal efficiency [to DIN]: up to 98 % (H_s) [gross cv]
- + Modulation range down to 1:10
- + Power saving, high efficiency circulation pump
- + Energy efficiency class: A

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