GAS CONDENSING TECHNOLOGY

Wall mounted gas condensing boilers:

VITODENS 100-W(type B1HF/B1KF)
VITODENS 111-W(type B1LF)

Compact and efficient wall-mounted gas condensing boilers, economical to run and exceptional value

H2 READY · 20%

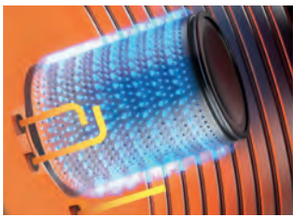
Vitodens 100-W with attractive design in Vitopearlwhite finish

As a large-volume manufacturer with many years of experience in wall mounted boilers, we know what's important. With our entire product range, including the Vitodens 100-W and Vitodens 111-W (with integral 46 litre stainless steel charging cylinder), you can rely on Viessmann product quality. That's why Viessmann wall mounted boilers are not only renowned for innovative performance, but also for reliability and longevity too. Thanks to modern construction methods, gas condensing wall mounted boilers are extremely compact and can also be installed in small spaces. Lateral service clearances are not required, all connections are easily accessible from the front. This makes the Vitodens wall mounted boilers ideally suited for all domestic properties.

MatriX Plus burner:
The heart of your heating system

The MatriX Plus burner wins with its efficient operation and low pollutant and noise emissions. The special stainless steel MatriX surface is insensitive to high temperatures, ensuring reliable performance and a long service life.

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



MatriX-Plus-Burner

Inox-Radial heat exchanger:
High quality stainless steel is both efficient and durable

Stainless steel makes the difference. The corrosion-resistant stainless steel Inox-Radial heat exchanger is the heart of the Vitodens 100-W/111-W. It efficiently converts the energy used into heat. And it does so with the security of particularly durable, high-quality stainless steel.

10 year guarantee

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

Inox-Radial heat exchanger

LCD touchscreen display

Easy operation with detailed display

The new electronic control platform has a detailed LCD touchscreen display, distinguished by its very simple and comprehensible operation and discreet "black panel" visual design. Heating systems with a direct and/or a mixed heating circuit can be conveniently controlled.

Energy saving, comfort and safety with ViCare

Vitodens gas condensing wall mounted boilers with the new electronic platform, now have an integrated WiFi interface. This connects the heating system directly to the internet, if required. With the ViCare app, operating the heating is simple and intuitive. It opens the way for further digital services such as remote monitoring of the heating system by the local heating engineer. The ViCare app provides information on the current operating status of the energy system and allows quick control of time programmes for heating and hot water, contributing to energy cost savings. ViCare app is also compatible with almost all iOS and Android devices.

Additionally, connecting a ViCare Thermostat to the boiler using its WiFi interface means that not only can even more comfort and efficiency be enjoyed, but importantly no third party controls are required and everything is contained in a single Viessmann ecosystem.

Use the ViCare app to conveniently operate the heating system and save energy - at any time, from anywhere.

ViCare Thermostat for more comfort and efficiency and further digital services

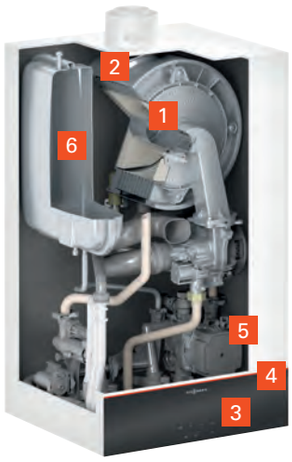
Connectivity Inside

7 year guarantee as standard

Option to extend by a further 5 years if fitted by a Viessmann Trained Installer and the installation is registered through the Viessmann Installer Portal

VITODENS 100-W AND VITODENS 111-W EXCEL

- Particularly attractive price/performance ratio
- Durable and efficient due to stainless steel Inox-Radial heat exchanger
- MatriX-Plus burner with Lambda Pro combustion control for permanently high efficiency and low emissions
- Simple and intuitive operation via LCD touchscreen display or convenient and effective control via the ViCare app
- Internet-capable thanks to integrated WiFi interface for more comfort, energy savings and safety with ViCare
- Certified for 20 % hydrogen content in natural gas



VITODENS 100-W

(Type B1HF)

1. MatriX Plus burner with Lambda Pro combustion control system
2. Inox-Radial heat exchanger
3. LCD touchscreen display
4. WiFi inside
5. High-efficiency pump
6. Expansion vessel (8 litres)

Wall-mounted gas condensing boiler

Viessmann Limited
Hortonwood 30,
Telford, Shropshire TF1 7YP
Phone: 01952 675000
Email: info-uk@viessmann.com
www.viessmann.co.uk

VITODENS 100-W

		Gas condensing boiler (type B1HF) and combi boiler (type B1KF)			
Product type		System boiler	System/ Combi-boiler	System/ Combi-boiler	System/ Combi-boiler
Rated heat output range					
50/30 °C	kW	3,2 – 11,0	3,2 – 19,0	3,2 – 25,0	3,2 – 32,0
80/60 °C	kW	2,9 – 10,1	2,9 – 17,5	2,9 – 23,0	2,9 – 29,3
Dimensions					
Length (depth)	mm	360	360	360	360
Width	mm	400	400	400	400
Height	mm	700	700	700	700
Weight	kg	33	33	33	33
DHW flow rate (Combi boiler)					
@ 35˚C temp. rise (cont)	l/min	n/a	10	12	14
@ 30K rise (EN13203-1)	l/min	n/a	13.3	15.6	17.0
Flue gas connection	Ø mm	60	60	60	60
Ventilation air connection	Ø mm	100	100	100	100
Rated output for DHW	kW	–	27,3	31,7	34,9
Energy Efficiency Class		A	A	A	A

The Vitodens 100-W combi boiler includes an integrated instantaneous water heater for DHW heating.

Vitodens 100-W
(B1HF und B1KF)

VITODENS 111-W

Rated heat output range			
50/30 °C	kW	3,2 – 25,0	3,2 – 32,0
80/60 °C	kW	2,9 – 23,0	2,9 – 29,3
Dimensions			
Length (depth)	mm	500	500
Width	mm	600	600
Height	mm	950	950
Weight	kg	68	68
DHW flow rate			
@ 35˚C temp. rise (cont)	l/min	**12.0**	14.0
@ 30K rise (EN13203-1)	l/min	15.6	17.0
DHW storage capacity	l	46	46
Continuous DHW output	kW	30,3	33,9
Flue gas connection	Ø mm	60	60
Ventilation air connection	Ø mm	100	100
Energy Efficiency Class		A	A
		A	A

Vitodens 100-W/111-W are tested and approved for natural gas and LPG in accordance with EN 15502. For deviating nominal heat output when operating with liquid gas or for use in multiple occupancy, see planning instructions.

Vitodens 111-W (B1LF)

PRODUCT FEATURES

+ Nominal heat output: 3.2 to 32 kW
+ Standard efficiency: up to 98 % (Hs)
+ Modulation range up to 1:10
+ Energy-saving high-efficiency circulation pump
+ Energy efficiency class: A

Advantages of the Vitodens 100-W combi boiler (type B1KF):

+ High DHW convenience through standby function

Advantages of the Vitodens 111-W (type B1LF):

+ High DHW convenience through integral stainless steel primary cylinder

Your specialist partner

05/2023 GB

Copyright Viessmann.
Duplication and alternative use
only with prior written consent.
Subject to technical modifications.