



VIESSMANN

GAS CONDENSING TECHNOLOGY

Wall mounted gas condensing boilers:

VITODENS 100-W(type B1HF/B1KF)

VITODENS 111-W(type B1LF)



Heating with gas

7 year guarantee
as standard

Option to extend by a
further 5 years if fitted
by a Viessmann Trained
Installer*

  Rated Excellent by our customers!

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



 H₂ READY · 20%

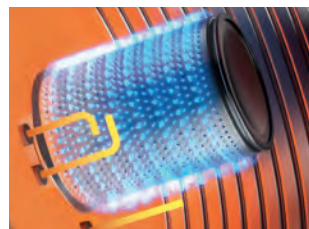
Vitodens 100-W with attractive design in Vitopearlwhite finish

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

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



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.



7 year guarantee as standard

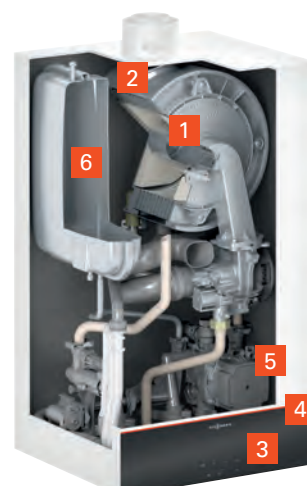
Option to extend by a further 5 years if fitted by a Viessmann Trained Installer and the installation is registered through the Viessmann Installer Portal



ViCare Thermostat for more comfort and efficiency and further digital services

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

VITODENS 100-W

Product type	Gas condensing boiler (type B1HF) and combi boiler (type B1KF)			
	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
80/60 °C	kW	2,9 – 10,1	2,9 – 17,5	2,9 – 23,0
Dimensions				
Length (depth)	mm	360	360	360
Width	mm	400	400	400
Height	mm	700	700	700
Weight	kg	33	33	33
DHW flow rate (Combi boiler)				
@ 35°C temp. rise (cont)	l/min	n/a	10	12
@ 30K rise (EN13203-1)	l/min	n/a	13,3	15,6
Flue gas connection	Ø mm	60	60	60
Ventilation air connection	Ø mm	100	100	100
Rated output for DHW	kW	–	27,3	31,7
Energy Efficiency Class		<A>	<A>	<A>

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

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	17,0	18,1
@ 30K rise (EN13203-1)	l/min	20,1	21,2
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.

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

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Vitodens 100-W
(B1HF und B1KF)



Vitodens 111-W (B1LF)



GAS CONDENSING TECHNOLOGY

Wall mounted gas condensing boilers:
VITODENS 050-W
(Type BOKA and BOHA)

Best Buy
Which?
Gas Combi Boilers September 2022

H2
20% hydrogen

WiFi Inside

3 year guarantee as standard

Option to extend by a further 7 years if fitted by a Viessmann Trained Installer*

Trustpilot ★★★★★ **Rated Excellent by our customers!**

With compact dimensions, low weight and quiet operation the Vitodens 050-W will integrate effortlessly into any living space.



Vitodens 050-W with attractive design in Vitoppearl white

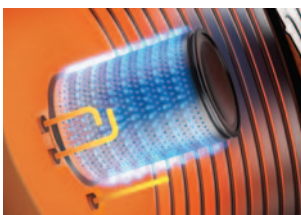
Viessmann wall mounted boilers not only stand for innovative technology and performance, but also for reliability and durability.

With compact dimensions, low weight and quiet operation the attractively priced Vitodens 050-W gas condensing boiler will integrate effortlessly into any living space and does not compromise on quality; making it ideal for both new build homes and renovations.

MatriX-Plus burner:

The heart of your heating system

The new MatriX-Plus burner ranks above all others with its efficient operation as well as low operating costs, along with its low pollutant and noise emissions. The special stainless steel MatriX surface is not sensitive to high temperatures and thus provides for reliable performance and a long service life.



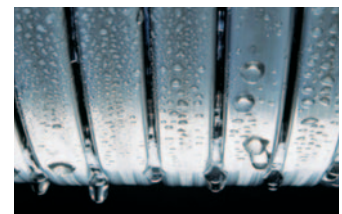
MatriX-Plus burner

Inox-Radial heat exchanger made of stainless steel: Efficient and durable

Stainless steel makes all the difference. The corrosion resistant Inox-Radial heat exchanger made of stainless steel is at the heart of the Vitodens 050-W. It converts the energy used into heat with exceptional efficiency. Virtually loss-free, with an ERP efficiency 92% (Class A). All of this is combined with the safety of the exceptionally durable, high-quality stainless steel.

Up to 10 years guarantee

The Vitodens 050-W comes with a 3 year comprehensive warranty as standard. There is the option to extend by a further 7 years if fitted by a Viessmann Trained Installer and the installation is registered through the Viessmann Installer Portal.



Inox-Radial heat exchanger

VITODENS 050-W

3.2 kW to 35 kW



LED display with user-friendly touch buttons

Smart control with ViCare

With our optional ViCare smartphone app, you can conveniently adjust your heating and save energy costs from the palm of your hand - no matter where you happen to be and at any time of the day or night.



Touchscreen display

The Vitodens 050-W wall mounted gas condensing boilers can be controlled by the new, LED touchscreen or the ViCare app.

The LED display on the boiler's new electronic control panel provides all the information you require and is distinguished by its very simple and comprehensible operation and the discreet "black panel" visual design.

ViCare Thermostat

Convenient individual room control

The new ViCare Thermostat is a room sensor or load compensator with the ability to modulate the flow temperature from the boiler based on the actual room temperature. It is a wireless alternative to the outdoor sensor providing the latest in heating control technology. The ViCare Thermostat is a fully wireless device for use with the ViCare App and takes only a few minutes to set up.

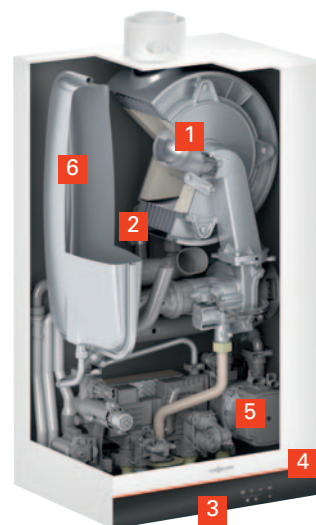


ViCare Thermostat Features

- + Easy to install: wireless
- + Improves efficiency
- + Load compensator operated via ViCare App
- + Meets Boiler Plus requirements
- + Suitable for system boiler (4-pipe installation)
- + No zoning or additional room thermostats required

VITODENS 050-W BENEFITS

- + Particularly attractive price/performance ratio
- + Durable and efficient due to Inox-Radial stainless steel heat exchanger
- + Matrix-Plus burner with Lambda Pro combustion control system for permanently high efficiency and low emissions
- + Easy operation via control unit with LED display and touch buttons
- + Internet capability with WiFi inside
- + Ideal for installation in the living area due to low operating noise and compact measurements
- + Low installation height simplifies replacement of old devices
- + Modulation range up to 1:8



VITODENS 050-W

- 1 Matrix Plus burner with Lambda Pro Combustion control
- 2 Inox-Radial heat exchanger
- 3 LED display with Touch buttons
- 4 WiFi inside
- 5 High-efficiency pump
- 6 Expansion vessel (8 litres)

Wall mounted gas condensing boiler

VITODENS 050-W

Device	Gas condensing system and combi boiler (Type B0KA and BOHA)			
	System / Combi-boiler (Type B0KA and BOHA)	System / Combi-boiler (Type B0KA and BOHA)	Combi-boiler (Type B0KA)	
Rated heat output				
50/30 °C	kW	3.2 – 19.0	3.2 – 25.0	3.2 - 32.0
80/60 °C	kW	2.9 – 17.1	2.9 – 22.4	2.9 - 29.3
Rated output for DHW heating	kW	25.4	29.6	35
Dimensions				
length (depth)	mm	300	300	300
width	mm	400	400	400
height	mm	700	700	700
Weight	kg	35	35	37
Flue gas connection	Ø mm	60	60	60
Combustion air connection	Ø mm	100	100	100
DHW flow rate at 35 °C temp rise	l/min	10.2	12.2	14.3
Energy efficiency class				



Vitodens 050-W

Vitodens 050-W are tested and approved for natural gas and LPG according to EN 15502.

No conversion kit required for LPG.

The Vitodens 050-W combi boiler includes an integral instantaneous water heater for DHW heating.

PRODUCT FEATURES

- + Gas condensing combi and system boiler
- + DHW output ratings of 3.2 to 35 kW
- + Heat output ratings of 3.2 to 32 kW
- + ERP efficiency 92% (Class A)
- + Certified for H2 20% blend
- + Ultra Compact - can be fitted in a kitchen cupboard
- + Pre-heat option for combi boiler
- + 4 pipe system for improved efficiency and hot water comfort (system boiler only PDHW - priority domestic hot water)
- + Advanced weather compensation available
- + Flue length up to 20m for horizontal and vertical flue systems

Your trade partner:



VIESSMANN

GAS FIRED CONDENSING COMBI AND SYSTEM BOILERS

Heating comfort in the most efficient way:
VITODENS 200-W

7 year guarantee as standard

Option to extend the warranty up to 10 or 12 years

Best Buy
Which?
Gas Combi Boilers September 2022

WiFi Inside

H2
20% Reduction

Trustpilot **Rated Excellent by our customers!**

The new generation of heating systems. Greater efficiency, lower emissions, simple operation. Future-proof, durable and digital. The Vitodens 200-W sets the standard for the future.



DESIGN PLUS
 powered by ISH

The Vitodens 200-W is an intelligent energy centre, which meets the highest demands for a comfortable heat supply. With its modern, functional design as well as its plain matt surface it blends harmoniously into any living environment.

**Integrated WiFi interface:
 Thermal comfort becomes digital**

The integrated WiFi interface connects the gas condensing wall-mounted boiler to the internet on request - the basis for networking and digital services. The ViCare app makes it even simpler to operate: you have all the functions you need to control the heating system at your fingertips. In the case of a problem, the heating specialist is informed directly via the app and can quickly take remedial action.

**Energy cockpit: Easy adjustment
 and operation for increased efficiency**

How easy is setting and operation? This is one of the most important criteria when choosing a new heating system. The Vitodens 200-W impresses with its exceptionally high operating comfort. It can be operated via smartphone, tablet or directly on the large 7-inch colour touch display which is very simple and intuitive to operate. Plain text and graphic displays guide you through all the menu items with ease. And with the energy cockpit, your energy consumption is visible at a glance.



VITODENS 200-W

1.9 to 35 kW

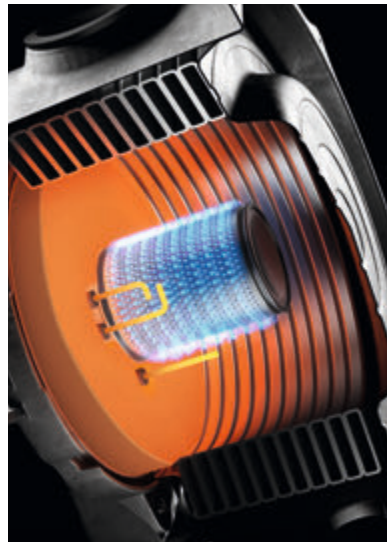
MatriX-Plus burner:

The heart of your heating system

The new MatriX-Plus burner ranks above all others with its efficient operation as well as low operating costs, along with its low pollutant and noise emissions. The special stainless steel MatriX surface is not sensitive to high temperatures and thus provides for reliable performance and a long service life.

Lambda Pro Plus: Automatic combustion control reduces costs

Automatic monitoring of combustion quality compensates for fluctuating gas qualities and prolongs the service life, extending the flue inspection interval to three years. It ensures year round efficiency and savings on maintenance costs.



Lambda Pro Plus

- Adaptation to gas quality
- Consistently high energy efficiency
- Future security
- Low maintenance costs
- Three year inspection interval



Stainless steel Inox-Radial: Efficient and durable

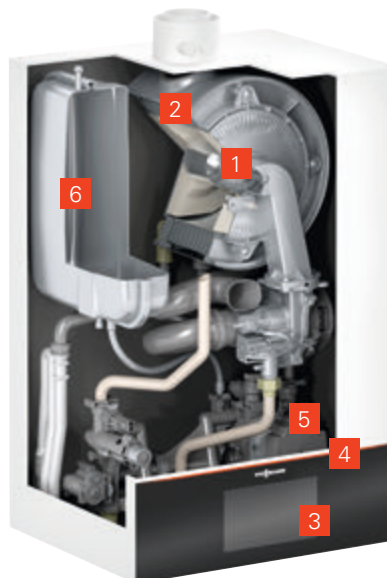
Stainless steel makes all the difference. The corrosion resistant Inox-Radial heat exchanger, made of stainless steel, is the the heart of the Vitodens 200-W. It converts the energy used into heat with exceptional efficiency. Virtually loss-free, with a hard to surpass efficiency of 98 percent. All of this is combined with the safety of the exceptionally durable, high-quality stainless steel.

10 Year warranty

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

VITODENS 200-W IMPRESSES

- + Particularly simple, intuitive operation and integrated WiFi interface
- + High operational reliability due to integrated Lambda Pro Plus combustion controller
- + Greater efficiency and lower nitrogen oxides thanks to the new MatriX-Plus burner
- + All consumption visible with the energy cockpit
- + Proper operation always visible with the fluorescent Lightguide



VITODENS 200-W

(Type B2HE)

- 1 MatriX-Plus burner with Lambda Pro Plus combustion control
- 2 Inox-Radial heat exchanger
- 3 7-inch colour touch display
- 4 Lightguide
- 5 High efficiency pump
- 6 Expansion vessel

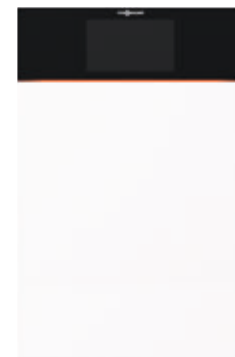
Wall-mounted gas condensing boiler **VITODENS 200-W**

Vitodens 200-W		Gas condensing system boiler (Type B2HE) and combi boiler (Type B2KE)			
Boiler type		System	System	System Combi	System Combi
Rated heat output					
50/30 °C	kW	1.9 – 11.0	1.9 – 19.0	1.9 – 25.0	1.9 – 32.0
80/60 °C	kW	1.7 – 10.1	1.7 – 17.4	1.7 – 22.9	1.7 – 29.3
Dimensions					
Depth	mm	360	360	360	360
Width	mm	450	450	450	450
Length	mm	700	700	700	700
Dry weight					
	B2HE	33	33	33	33
	B2KE			34.5	34.5
Flue gas connection		Ø mm	60	60	60
Ventilation air connection		Ø mm	100	100	100
Rated output for DHW heating					
	B2HE	kW	17.4	17.4	22.9
	B2KE			31.1	34.2
Energy efficiency class		h	A	A	A

The products are tested and approved for natural and liquid gas according to EN 15502.

PRODUCT FEATURES

- + Compact wall-mounted appliances for installation in kitchen cupboard, utility room or bathroom
- + Standard efficiency: 98 % (Hs)
- + Modulation range up to 1:17
- + Large water content, low cycle frequency even with low heat removal
- + Durable and efficient thanks to Inox-Radial heat exchanger
- + MatriX-Plus burner with long service life due to stainless steel MatriX surface
- + Lambda Pro Plus combustion controller for all types of gas
- + Quiet operation due to low fan speed
- + 7-inch colour touch display for ease of operation, also possible via ViCare app
- + Integrated WiFi interface for internet connection
- + Energy cockpit for visualisation of energy generation and energy consumption
- + Suitable for integration of a solar thermal system
- + Energy efficiency class: A
- + 7 year warranty as standard
- + 10 or 12 year extended warranty options available



Convenient operation at eye-level through upwards movable display

Your installation partner