WALL MOUNTED GAS CONDENSING BOILER

VITODENS 100-W (type B1HF/B1KF)

Maximum Efficiency 98%

Compact and efficient wall-mounted gas condensing boiler that is economical to run with exceptional value.

Vitodens 100-W
(type B1HF/B1KF)

H_2 READY · 20%

Future ready
The Vitodens 100-W is certified for 20% hydrogen content in natural gas.

MatriX Plus burner: The heart of your heating system
The MatriX Plus burner excels in efficiency, low pollutant and noise emissions. Its special stainless steel MatriX surface is resistant to high temperatures, ensuring reliable performance and longevity.

High quality stainless steel is both efficient and reliable
Made with high quality stainless steel, the Innox-Radial heat exchanger is corrosion-resistant and highly efficient, converting energy into heat with exceptional durability and quality.

Consistently clean combustion
Cutting-edge Lambda Pro combustion control system adapts automatically to all gas types and ensures consistently clean and efficient combustion.

Attractive price/performance ratio
Moderately-priced wall mounted gas condensing boiler, renowned for its technology, performance and reliability.

H2 20% DVGW CERT

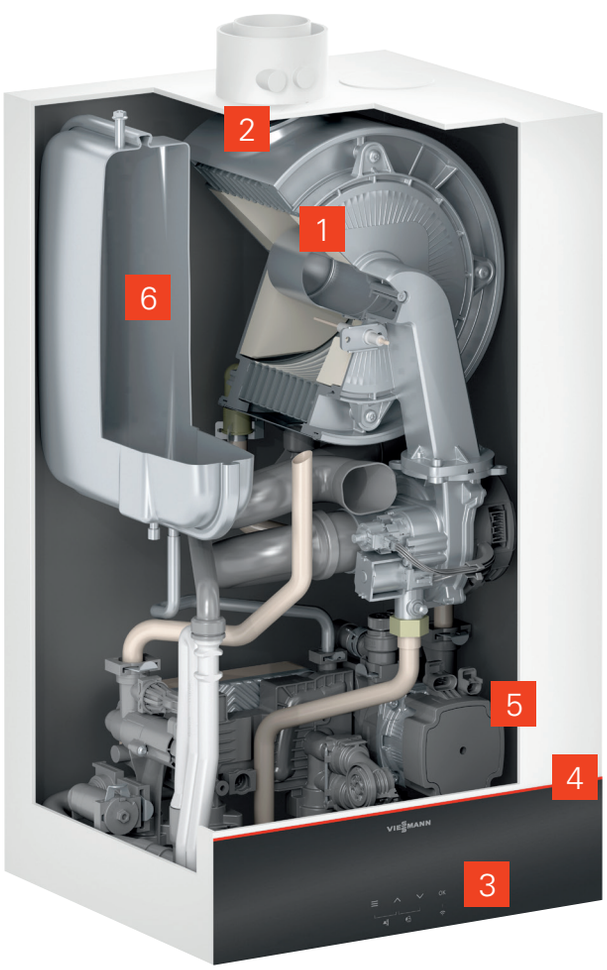
DO NOT REMOVE AUSTRALIA AND NEW ZEALAND GAS SAFETY CERTIFICATION

bsi. CERTIFIED GSC 750413

AS 3498 WM-032142

Future-ready heating system that is simple and intuitive to control, WiFi-enabled and hydrogen-ready.

Vitodens 100-W
Cross-section of type B1HF



Simple and intuitive controls
Detailed LCD touchscreen display distinguished by its simple and comprehensible operation and discreet "black panel" visual design. With intuitive control, it offers convenient control over both direct and mixed heating circuits.

Integrated WiFi interface
The heating system can be directly connected to the Internet, if required. The ViCare app opens the way to energy cost savings and remote monitoring of the heating system by a local heating engineer.

Compact and accessible
Can be installed in small spaces. Lateral service clearances are not required as all connections are easily accessible from the front.

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

Comes with warranty protection

10 YEARS Radial heat exchanger

5 YEARS Components*

2 YEARS Labour

*Boiler Components Warranty has 2 years component warranty and can be extended to 5 years when connected to the internet and serviced annually by an approved Viessmann Australia technician.

Premium outdoor casing for external installations.

Greater flexibility for installation
The wall mounted Vitodens 100-W gas condensing boiler can be installed on an external wall outside of your home.

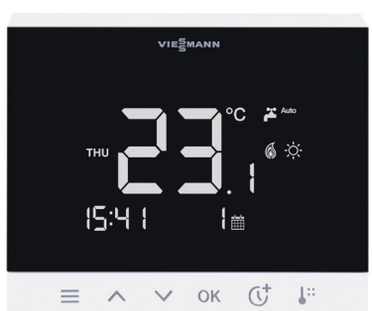
Enjoy peace of mind with these special installation features of the Vitodens 100-W.

More about the ViCare app on our website:

Smart heating control with ViCare
The ViCare thermostat is an intelligent and affordable control unit that optimises the operation of the Vitodens 100-W boiler and gives you a comfortable indoor room climate controlled via an app.

Enjoy these benefits at home
+ Increased comfort with more stable room temperature
+ Greater energy savings
+ Increased boiler lifetime with less start/stop action

Easier installation and maintenance
+ Designed to work with Viessmann heating systems
+ Virtual room thermostat with wireless Climate Sensor
+ Easier commissioning via ViGuide mobile app
+ Integrated diagnostics and monitoring via ViGuide



More about the Vitotrol 100-E on our website:

Be in full control with the Vitotrol 100-E
The Vitotrol 100-E is a battery-powered remote control that controls your boiler via an encrypted 2.4 GHz low-power radio connection. It comes with an integrated room temperature sensor and illuminated display.

Enjoy these benefits at home
+ Preset 3 room temperature setpoints
+ Preset 1 hot water temperature setpoint
+ Time programmes for heating and hot water
+ Possibility of automatic software updates

Easier installation and maintenance
+ No cables needed for installation
+ Easy to install as one remote control per heating circuit
+ Can connect several Vitotrol 100-E per installation

VIESSMANN ONE BASE

Commissioning, maintenance, service and monitoring for all Viessmann systems from a single source.

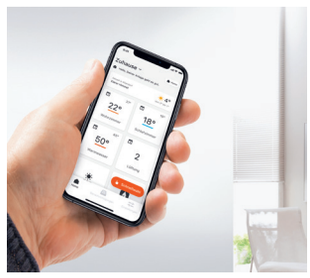
One system for everything

Viessmann One Base networks the products and systems in Viessmann's integrated range of solutions. Comprehensive climate and energy solutions can now be seamlessly linked digitally- Vitodens gas boilers, Vitocal heat pumps, Vitoair ventilation systems Vitovolt photovoltaic modules and Vitocharge power storage units.

Compatible with other digital services

Thanks to Connectivity Inside, all components work perfectly together with Viessmann Energy Management for more convenience, clarity and efficiency. Networked with the digital services of the future, Viessmann One Base offers even more, besides allowing easy integration of smart home and building management systems from other providers, as well as third party products, such as Wallboxes. Control via voice assistants comes as standard.

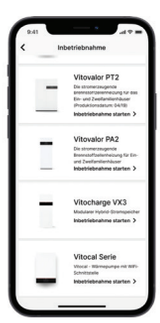
ViCare: App for homeowners



More about the ViCare app on our website:

The Vitodens 100-W has an integrated WiFi interface that connects the heating system to the internet, if required. The ViCare app is used in conjunction with a web-enabled Viessmann heating system to provide you convenient ways of controlling it, and gives you an overview of the heating system status to save energy and costs.

ViGuide: App for installers



More about the ViGuide app on our website:

ViGuide can also be connected to the Vitodens 100-W. Contractors can keep a remote eye on the system and correct possible irregularities immediately by electronic means. This eliminates unnecessary travel and appointments.

Viessmann One Base networks digital services with the complete energy system, including heat pumps, power storage units, photovoltaic systems, ventilation and heat recovery systems. Visual is for illustration purposes only.

Technical specifications

Made in Germany | H_2 READY

PRODUCT FEATURES

+ Rated heating output: 3.2 to 32 kW
+ Standard seasonal efficiency [to DIN]: up to 98% H8 [gross cv]
+ Modulation range down to 1:10
+ Power saving, high efficiency circulation pump
+ Energy efficiency class: A

More about the Vitodens 100-W on our website:

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

+ High level of DHW convenience as a result of the standby function

Vitodens 100-W

Model Code		B1HF-25 System	B1KF-25 Combi	B1HF-32 System	B1KF-32 Combi
Installation	(Internal/External)	Yes/Yes with Cover	Yes/Yes with Cover	Yes/Yes with Cover	Yes/Yes with Cover
Nominal Gas Consumption	MJ/h	84.2	114.1	107.6	125.6
Maximum Working Gas Pressure (NG)	kPa	1.13	1.13	1.13	1.13
Maximum Working Gas Pressure (LPG)	kPa	2.75	2.75	2.75	2.75
Maximum Heat Output (80/60°C)	kW	23	23	29.3	29.3
Minimum Heat Output (80/60°C)	kW	2.9	2.9	3.0	2.9
Maximum Heat Output (50/30°C)	kW	25	25	29.3	32
Minimum Heat Output (50/30°C)	kW	3.2	3.2	3.2	3.2
Maximum Efficiency (Nominal)					
	%	98	98	98	98
Heating Water Circuit Pressure (Heating)	kPa	300	300	300	300
Min-Max water Circuit Pressure (DHW)	kPa	N/A	100/1,000	N/A	100/1,000
Water Heating Capacity	L/min	N/A	15.7	N/A	17
Modulation Turndown Ration		1:10	1:10	1:10	1:10
Expansion Tank Capacity	L	8	8	8	8
Co-axial Flue System Connection	mm/mm	60/100 & 80/125	60/100 & 80/125	60/100 & 80/125	60/100 & 80/125
	W	67	64	113	110
Dimension (In DxWxH)	mm	360x400x700	360x400x700	360x400x700	360x400x700
With Full Cover Dimension (In DxWxH)		388x500x1100	388x500x1100	388x500x1100	388x500x1100
Dry Weight	kg	32	35	32	35
Power Supply	(V/ph/Hz)	240/1/50	240/1/50	240/1/50	240/1/50
Sound Power Level	dB (A)	46.1	50	48.4	50.4

We are a world leader in efficient and sustainable heating, water and air quality solutions.

About Viessmann

As a company with over 100 years of German heritage and industry-leading expertise, Viessmann Climate Solutions is one of the world's leading providers of sustainable and efficient climate (heating, water and air quality) and renewable energy solutions.

With 'Efficiency' as our core, we have satisfied the need for heat over four generations. Today, our responsibility goes far beyond that- to sustainably change energy supply around the world. So, we design and produce integrated climate and energy solutions for people and companies worldwide. Together, we can shape the living spaces of future generations – from comfortable homes to a habitable planet.

Why Viessmann?

Uncompromising quality
From design to manufacturing and testing, our vast experience in hydronic heating, water purification and ventilation allows us to provide the complete solutions of the highest quality for your home.

Built to last
All of our products are designed with the future in mind, and built to last so you can enjoy many years of worry-free home comfort.

Industry-leading design and digital innovation
We offer mobile apps and smart home solutions to give you added control and convenience, so you can save time and money as well as reducing your environmental impact.

Got questions, please contact:

next cycle
SUSTAINABLE
HEATING, COOLING AND HOT WATER SOLUTIONS

Next Cycle Distribution Hubs:

- **Sydney – Head Office**
- **Melbourne**
- **Canberra**
- **Newcastle**
- **Brisbane**
- **Townsville**

info@nextcycle.com.au

(02) 9571 0570

We are happy to connect.

VIESSMANN

info.australia@viessmann.com
1300 734 170
Service email address: service@viessmann.au

Monday to Friday, 8am to 6pm (Melbourne Time)
We are closed on all national and state based public holidays.

ViessmannClimateSolutionsAU
ViessmannClimateSolutionsAU
ViessmannClimateSolutionsAU

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

Viessmann Australia Pty Ltd
Office 1, 15 Cochranes Road
Moorabbin, Melbourne, Australia, 3189
www.viessmann.com.au