

Wall mounted gas condensing boiler

VITODENS 100-W
VITODENS 111-W

VIESSMANN

climate of innovation



Heating systems ◀

Industrial energy systems

Refrigeration systems

Gas condensing technology



Inox-Radial heat exchanger – durable and efficient

10 Year Warranty

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

Vitodens 100-W Vitodens 111-W 4.7 to 35.0 kW

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With their compact dimensions, low weight and quiet operation, the attractively priced Vitodens 100-W and Vitodens 111-W gas condensing boilers will integrate effortlessly into any living space. The Vitodens 111-W is also equipped with a stainless steel loading cylinder that boasts a 46 litre capacity.

The modulating ratio over the entire output range is up to 1:6. This high ratio makes these boilers particularly suitable for use in small apartments and well insulated buildings. The user benefits from fewer appliance start-ups and therefore less operating noise. Because a lower level of stress is placed upon the appliance, the service life of components is consequently extended.

Stainless steel heat exchanger

As is the case with all Viessmann gas condensing boilers, the Vitodens 100-W/111-W are equipped with stainless steel Inox-Radial heat exchangers. This technology brings with it an extremely high efficiency rate of 98 percent and exceptionally reliable and efficient operation during its long service life.

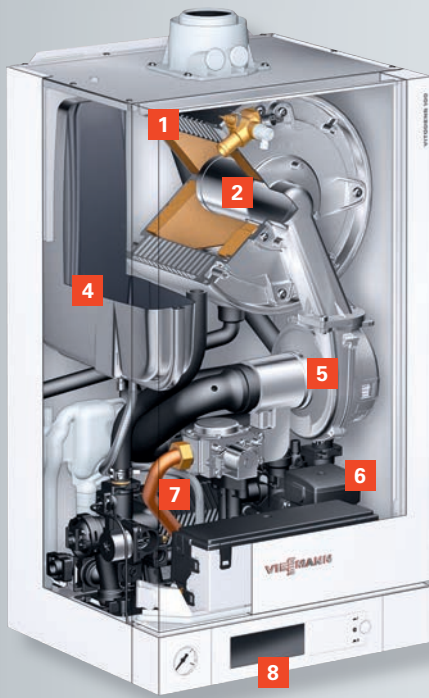
Viessmann guarantees the Inox-Radial heat exchanger for ten years against leaks resulting from corrosion.

The touchscreen improves user friendliness

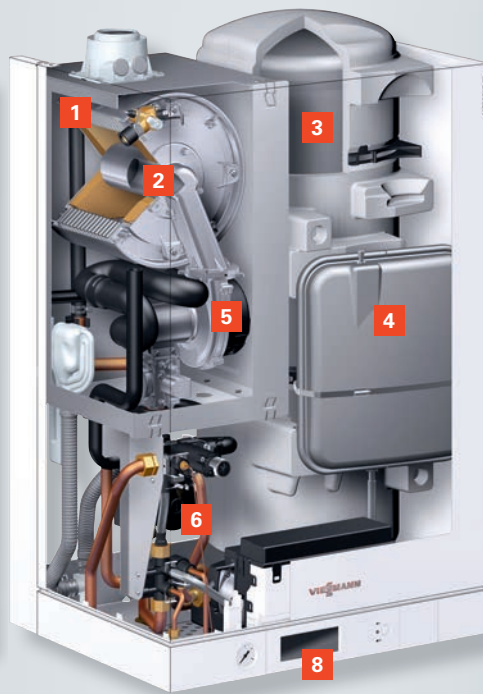
The Vitodens 100-W and Vitodens 111-W wall mounted gas condensing boilers are controlled by the new, backlit LCD touchscreen, which makes it easy to use and read in dark environments.



Backlit LCD touchscreen



Vitodens 100-W
(shown: gas condensing combi boiler)



Vitodens 111-W

- 1 Stainless steel Inox-Radial heat exchanger for high operational reliability, a long service life and high heating output on a very small footprint
- 2 Modulating stainless steel cylinder burner
- 3 46 litre stainless steel loading cylinder (Vitodens 111-W)
- 4 Integral expansion vessel
- 5 Variable speed combustion fan for quiet and economical operation
- 6 High efficiency pump
- 7 Plate heat exchanger for convenient DHW heating (in the case of combi boilers)
- 8 Backlit LCD touchscreen



Vitodens 111-W with integral 46 litre stainless steel loading cylinder

Take advantage of these benefits

- Wall mounted gas condensing boiler, 4.7 to 35.0 kW
- Compact dimensions save space, particularly when installed in a living area
- SEDBUK 2009 seasonal efficiency 89.5%
- Ideal as a replacement for older appliances due to low installed height and installation space for adaptation to existing systems
- Inox-Radial heat exchanger with 10-year guarantee
- Low operating noise through extended modulation ratio
- Modulation ratio: up to 1:6
- Modulating stainless steel cylinder burner
- User friendly control via backlit LCD touchscreen (option for control via room thermostats)
- 46 l stainless steel loading cylinder (Vitodens 111-W)
- Straightforward access from the front, so no need to leave space at side for maintenance
- Also approved for multiple connections to stacks in multi storey buildings

Specification
Vitodens 100-W
Vitodens 111-W



Vitodens 100-W

Gas condensing boiler	Type	B1HC	B1HC	B1HC	B1HC
Gas condensing combi boiler	Type	–	B1KC	B1KC	B1KC
Rated heating output range (50/30 °C)	kW	4.7 – 19.0	4.7 – 26.0	5.8 – 30.0	5.8 – 35.0
Rated heating output range (80/60 °C)	kW	4.3 – 17.4	4.3 – 23.8	5.3 – 27.3	5.3 – 32.0
Dimensions					
Length x width x height	mm	480 x 600 x 700			
Weight					
Gas condensing boiler	kg	35	36	37	37
Gas condensing combi boiler	kg	–	36	38	38
Energy efficiency class					
		A	A	A	A



Vitodens 111-W	Type	B1LD	B1LD
Rated heating output range (50/30 °C)	kW	4.7 – 26.0	5.8 – 35.0
Rated heating output range (80/60 °C)	kW	4.3 – 23.8	5.3 – 32.0
Rated heating output range for DHW heating	kW	4.3 – 29.6	5.3 – 34.0
Dimensions			
Length	mm	480	480
Width	mm	600	600
Height	mm	900	900
Height with flue bend	mm	1060	1060
Weight	kg	62	64
Stainless steel loading cylinder	l	46	46
Energy efficiency class			
		A	A

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