



**GAS CONDENSING TECHNOLOGY**

# Wall mounted gas condensing boiler **VITODENS 100-W**



**Vitodens 100-W**

- 5 year warranty as standard
- Option to increase up to 10 years\*
- Vitodens 100-W Combi 30 kW reviewed as a Which? Best Buy



## Gas condensing technology

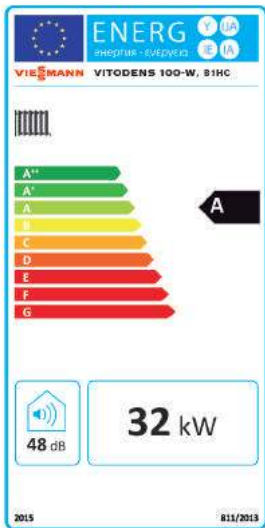
## Vitodens 100-W 4.7 to 35.0 kW



Inox-Radial heat exchanger – durable and efficient

### 10 Year Warranty

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



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With their compact dimensions, low weight and quiet operation, the attractively priced Vitodens 100-W gas condensing boilers will integrate effortlessly into any living space.

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 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 wall mounted gas condensing boiler are controlled by the new, backlit LCD touchscreen, which makes it easy to use and read in dark environments.

#### Vitodens 100-W Combi 30 kW reviewed as a Which? Best Buy

Viessmann has secured a Which? Best Buy status for Vitodens 100-W Combi 30 kW for the second year in succession.

The annual survey by Which? – the UK's largest consumer organisation – conducts robust research in order to "reveal the boiler brands you can trust."



#### What does Which? say about Viessmann?

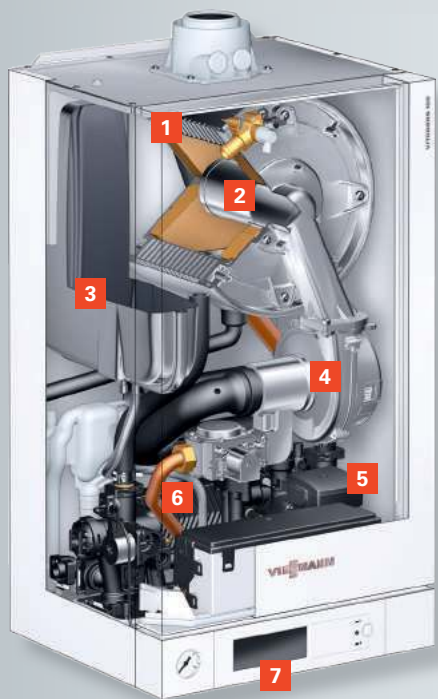
- "Fantastically reliable boiler brand"
- "Many engineers put Viessmann on a pedestal as the very best on the Market"

"A quality product, great price, and in my opinion the best warranty offered over all other boiler manufacturers. They're just the best boiler you could ever fit for your favourite customers." (Which? Trusted Traders heating engineer)



Backlit LCD touchscreen

5 year warranty as standard  
Option to increase up to 10 years\*



- 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 Integral expansion vessel
- 4 Variable speed combustion fan for quiet and economical operation
- 5 High efficiency pump
- 6 Plate heat exchanger for convenient DHW heating (in the case of combi boilers)
- 7 Backlit LCD touchscreen

### Vitodens 100-W

(shown: gas condensing combi boiler)



Vitodens 100-W System and Combi options available

### 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)
- 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
- 5 year comprehensive warranty as standard
- Viessmann Trained Installers can now offer their customers an extended warranty option up to 10 years\*

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## Technical Data Vitodens 100-W (Type B1HC & B1KC)



<b>Gas condensing boiler system</b>	Type	B1HC	B1HC	B1HC	B1HC
<b>Gas condensing combi boiler</b>	Type	–	B1KC	B1KC	B1KC
<b>Rated heating output range (50/30 °C)</b>	kW	4.7 – 19.0	4.7 – 26.0	5.8 – 30.0	5.8 – 35.0
<b>Rated heating output range (80/60 °C)</b>	kW	4.3 – 17.4	4.3 – 23.8	5.3 – 27.3	5.3 – 32.0
<b>Dimensions</b>					
– Length (depth)	mm	350	350	350	350
– Width	mm	400	400	400	400
– Height	mm	700	700	700	700
<b>Weight</b>					
Gas condensing boiler system	kg	35	36	37	37
Gas condensing combi boiler	kg	–	36	38	38
<b>Energy Efficiency Class</b>		A	A	A	A

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