

Gas condensing  
technology

Vitodens 111-W DHW Storage  
4.7 to 35 kW

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



Vitodens 111-W 35 kW reviewed as  
a Which? Best Buy

## VITODENS 111-W DHW STORAGE

Wall mounted gas fired condensing boiler with integral cylinder for the highest DHW convenience.

### Take advantage of these benefits

- 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
- 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 litre storage, equivalent to a 150 litre unvented cylinder due to CLS
- Combined PRV and condensate connection, for fast and simple installation
- 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

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

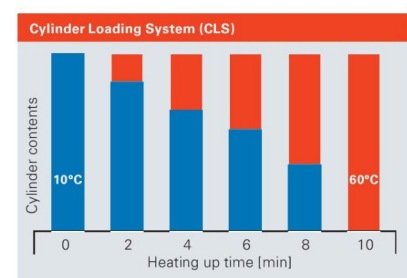
As is the case with all Viessmann gas condensing boilers, the Vitodens 111-W is equipped with a stainless steel Inox-Radial heat exchanger. This technology brings with it an extremely high efficiency rate of 98 percent and exceptionally reliable and efficient operation during its long service life.

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

### Cylinder Loading System (CLS)

Most unvented cylinders use a heating coil to heat up the cylinder. The CLS technology replaces the coil with a plate heat exchanger. A DHW pump circulates the cold water from the bottom of the cylinder, through the plate heat exchanger and puts the hot water back to the top of the cylinder.

\* Viessmann Trained Installers can offer their customers an extended warranty option up to 10 years.



**Boilers**

Part No.	Description
B1LD009	Vitodens 111-W 26 kW with integrated 46l un-vented cylinder
B1LD010	Vitodens 111-W 35 kW with integrated 46l un-vented cylinder
<b>Controls</b>	
7511618	Vitotrol 100 OpenTherm programmable room controller, 7 day, single channel (load compensation), (hard wired)
Z013877	Mixer extension kit without Vitotrol 100 Open Therm (OT)
Z013919	Mixer extension kit with one Vitotrol 100 Open Therm (OT)
Z013920	Mixer extension kit with two Vitotrol 100 Open Therm (OT)
7141709	Vitotrol 100 room thermostat, (hard wired)
7170149	Vitotrol 100 UTA programmable room thermostat 24h analogue, (hard wired)
7522678	Analogue plug in time clock for Vitodens 100-W WB1C/B1HA/B1KA/B1HC/B1KC/B1LD
7454521	Vitotrol 100 UTARF 1 channel wireless for Vitodens 100-W WB1C/B1HA/B1KA/B1HC/B1KC/B1LD
7537234	Vitotrol 100 UTDB RF2 wireless for Vitodens 100-W WB1C/B1HA/B1KA/B1HC/B1KC/B1LD
Z007691	Vitotrol 100 UTDB programmable room thermostat - 7 day, single channel (hard wired)
ZK02485	Outside temperature sensor for weather compensated operation
<b>Flues</b>	
7411961	Telescopic flue kit Ø 60/100 mm
7441467	Standard concentric 1 m horizontal flue kit Ø 60/100 mm (1000 mm black terminal, 87° bend)
7667547	Standard concentric 1.75 m horizontal flue kit Ø 60/100 mm
7373230	Standard concentric vertical flue terminal Ø 60/100 mm
7373223	Standard concentric 0.5 m flue extension pipe Ø 60/100 mm
7373224	Standard concentric 1 m flue extension pipe Ø 60/100 mm
7373225	Standard concentric 1.95 m flue extension pipe Ø 60/100 mm
7667546	Standard concentric 3 m flue extension pipe Ø 60/100 mm
7373226	Standard concentric 87° flue elbow Ø 60/100 mm
7373227	Standard concentric 45° flue elbow Ø 60/100 mm (pair)
7176762	Standard concentric flue mounting clip Ø 100 mm
7337276	Terminal guard
7373238	Plume management kit
7373266	Flue bend 45° Ø 60 mm (pair)
7373267	Flue bend 87° Ø 60 mm
7373268	Plume kit 1 m flue extension Ø 60 mm
7246572	Fixing clamps - 60 mm
7452499	Roof tile Ø 125 black (for 60/100 mm flue system)
7452500	Roof tile Ø 125 red (for 60/100 mm flue system)
7426187	Flat Roof Collar Alu D=125 H=250 S
ZK00028	Chimney flue kit 60/100 - 12.5 m/room sealed
ZK00029	Chimney flue kit Ø 60/100 mm - 12.5 m/open flued (for longer flue lengths upgrade to Ø 80/125 mm)
7502602	Chimney kit for recess installation 60/100 with flexi 60 mm
7502603	Chimney kit for recess installation 60/100 with flexi 80 mm
7590109	Open flued water protection cap
7373240	Flue adaptor 60/100 to 80/125 mm

For all other accessories please see page 25

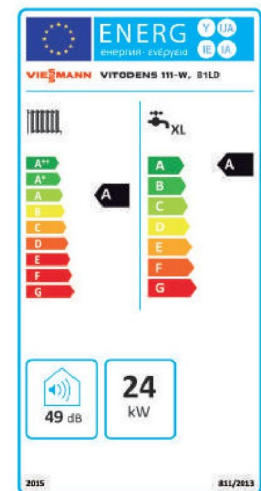


**The touchscreen improves user friendliness**

Vitodens 100-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.



111-W showing components



**10 Year Warranty**

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