



**GAS CONDENSING TECHNOLOGY**

Wall mounted gas condensing boilers:  
**VITODENS 050-W** (Type B0KA and B0HA)



**10 years standard warranty**



 **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.



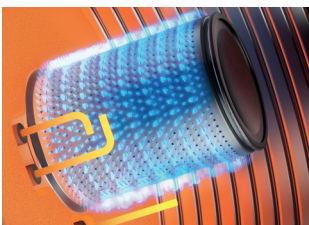
Vitodens 050-W with attractive design in Vitopearlwhite

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.

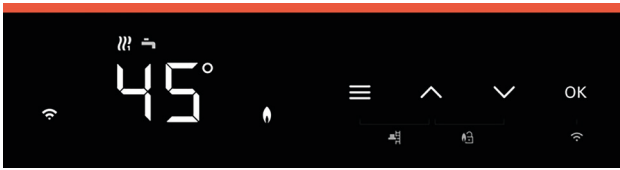
10 years warranty

The Vitodens 050-W comes with a 10-year comprehensive warranty when registered through the Viessmann installer portal / VPlus platform.



Inox-Radial heat exchanger

**VITODENS 050-W**  
3.2 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.

**Radio remote control Vitotrol 100-E**

The Vitotrol 100-E is a battery-powered radio remote control with integrated room temperature sensor and illuminated display. It communicates wirelessly with boilers via low-power radio and can be installed in any living space.

**ViGuide Connects you conveniently and quickly with your customers.**

Monitor your online installations remotely and deal with problems as soon as they occur. As a web application and mobile app, ViGuide is accessible anywhere, any time and on any device without needing updates. It lets you perform a range of important tasks more efficiently, expand your portfolio of customer services and boost customer satisfaction. All you need is a heating system with a connected gateway (Vitoconnect or new electronic platform) and a customer who uses the ViCare smartphone app.

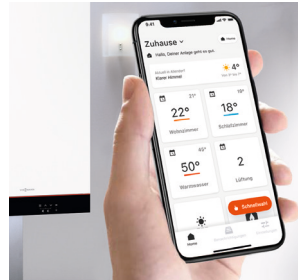
**VITODENS 050-W BENEFITS**

- + 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

**Touchscreen display**

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

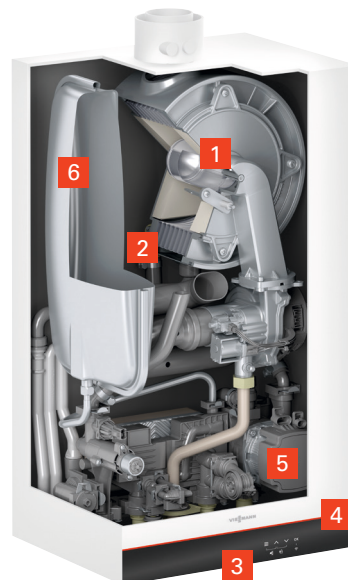
The LED display on the boiler's new electronic control panel provides all the information you require and is distinguished by its very simple and comprehensible operation and the discreet 'black panel' visual design.



**Vitotrol 100-E Features**

- + Illuminated display for showing room temperature, time and operating states
- + or controlling one heating circuit and the hot water heating\*
- + Presetting of up to 3 setpoints for the room temperature as well as a setpoint for the hot water temperature\*
- + Time programs for heating and hot water\*
- + Encrypted 2.4 GHz low-power radio connection to the boiler
- + Possibility for automatic software updates
- + Very easy wireless installation
- + Modulated room temperature control (Meets ErP level 5)

\*Subject to the design of the system



**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**

Vitodens 050-W	Gas condensing system and combi boiler (Type B0KA and B0HA)			
	Boiler type	System Combi (Type B0KA and B0HA)	System Combi (Type B0KA and B0HA)	Combi (Type B0KA)
<b>Rated heat output</b>				
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
<b>Continuous output for DHW heating</b>	kW	26.3	30.9	34.4
<b>Dimensions</b>				
Depth	mm	300	300	300
Width	mm	400	400	400
Length	mm	700	700	700
<b>Weight</b>	kg	35	35	37
<b>Flue gas connection</b>	Ø mm	60	60	60
<b>Combustion air connection</b>	Ø mm	100	100	100
<b>DHW flow rate at 35°C temp rise</b>	kW	10.2	12.2	14.3
<b>Energy efficiency class</b>		< A	< A	< A
		< A	< A	< A



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)
- + 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 13m for horizontal and vertical flue systems
- + Modulation range of up to 1:10

**Your trade partner**