

**WALL MOUNTED GAS CONDENSING BOILER**

High heating and DHW convenience combined with
a very attractive price/performance ratio

VITODENS 050-W (type B0HA/B0KA)

**Heating with gas**

- + Efficient and durable
- + High heating and
DHW convenience
- + Small footprint

Compact and efficient wall mounted gas condensing boilers with a very attractive price/performance ratio



Vitodens 050-W featuring an attractive design in Vitopearlwhite

As a large-scale manufacturer with many years of experience in the production of wall mounted boilers, we know what matters. Viessmann product quality is something you can rely on, and the very attractively priced Vitodens 050-W is no exception. Viessmann wall mounted boilers are renowned not just for their innovative technology and performance, but for their reliability and durability too. Thanks to advanced assemblies, this wall mounted gas condensing boiler is extremely compact and can be installed even in small recesses. No side service clearances are required, since all the connections are easily accessible from the front.

The Vitodens 050-W is ideal for modernisation projects in apartments or single-family houses. It is available as a system boiler with outputs of 3.2 to 19 kW and 3.2 to 25 kW, and as a combi boiler (with integral instantaneous water heater) with outputs of 3.2 to 19 kW, 3.2 to 25 kW and 3.2 to 32 kW.

**MatriX-Plus burner:
the heart of your heating system**

Among the benefits of the MatriX-Plus burner are its efficient operation, quiet running and low emissions. The special stainless steel MatriX surface is resistant to high temperatures, which ensures reliable performance and a long service life.

**Save & Smooth:
high efficiency with any gas mixture**

Viessmann's modern gas condensing boilers are equipped with the patented Lambda Pro Plus® combustion controller. It adapts your appliance to changing operating conditions such as fluctuating gas qualities or different gas types. Automatic control ensures a consistently high level of efficiency for your system.



**Stainless steel Inox-Radial heat exchanger:
efficient and durable**

Stainless steel makes all the difference. The corrosion-resistant, stainless steel Inox-Radial heat exchanger is at the heart of the Vitodens 050-W. It efficiently converts the input energy into heat. In addition, the particularly durable, high grade stainless steel ensures reliability.



Inox-Radial heat exchanger

10 year guarantee

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

For conditions, see www.viessmann.de/garantie

VITODENS 050-W

3.2 to 32 kW

Viessmann One Base: convenient, efficient and futureproof

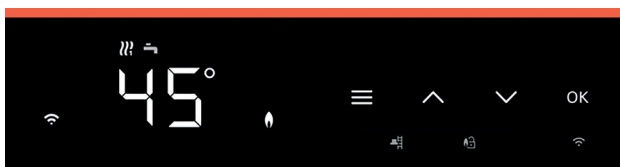
Viessmann One Base integrates all products, systems and smart home solutions in one platform. This means that the entire energy system can be operated simply, reliably and quickly via one app.

Vitodens 050-W wall mounted gas condensing boilers with Viessmann One Base have an integral WiFi interface, depending on the version. This connects the heating system directly to the internet if required. Operating the heating system is very simple and intuitive with the ViCare app. It sets the course for digital services and is in direct contact with the local heating contractor. The ViCare app provides information on the current operating status of the energy system, while time programs for central heating and DHW heating contribute to energy cost savings. It is compatible with almost all iOS and Android mobile devices.

VISSMANN ONE BASE

Easy operation with optional remote control

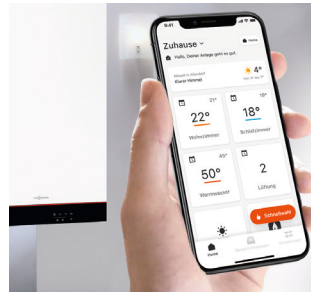
The heating water and DHW temperatures can be set quickly with the user friendly buttons. Operating states and temperatures are shown on the digital display screen.



LED display with user friendly touch buttons

BENEFITS OF THE VITODENS 050-W

- + Very attractive price/performance ratio
- + Durable and efficient thanks to Inox-Radial stainless steel heat exchanger
- + MatriX-Plus burner with Lambda Pro combustion controller for permanently high efficiency and clean combustion
- + Straightforward operation via control unit with LED display and touch buttons
- + Web-enabled through WiFi interface for service and commissioning via Viessmann apps (control unit available with or without WiFi module, depending on the version)
- + Ideal for installation in the living space due to low operating noise and compact dimensions
- + Low installed height for easier replacement of old boilers



The ViCare app allows convenient operation of the heating system, helping to save energy – anytime, anywhere.



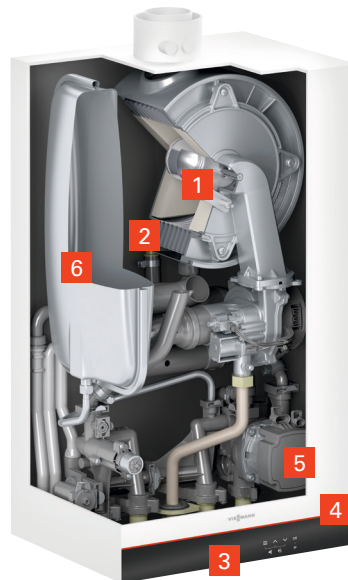
Depending on the version, the control unit is available with or without an integral WiFi interface.

ViCare thermostat: convenient individual room control

By connecting a high quality ViCare thermostat, which has been developed for use with Viessmann heating systems, the room temperature can be conveniently controlled via the app. In addition, the boiler temperature is automatically matched to the heat demand, which saves energy and extends the service life.



ViCare thermostat for more convenience and efficiency



VITODENS 050-W

(type B0HA)

- 1 MatriX-Plus burner with Lambda Pro combustion controller
- 2 Inox-Radial heat exchanger
- 3 Viessmann One Base with LED display and touch buttons
- 4 Internet inside (depending on version)
- 5 High efficiency pump
- 6 Expansion vessel (8 litres)

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Wall mounted gas condensing boiler **VITODENS 050-W**

Appliance type	Gas condensing system boiler (type B0HA) and combi boiler (type B0KA)					
		System boiler (type B0HA)	System boiler (type B0HA)	Combi boiler (type B0KA)	Combi boiler (type B0KA)	Combi boiler (type B0KA)
Rated heating output range						
50/30 °C	kW	3.2 – 19.0	3.2 – 25.0	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 – 17.1	2.9 – 22.4	2.9 – 29.3
Dimensions						
Length	mm	300	300	300	300	300
Width	mm	400	400	400	400	400
Height	mm	700	700	700	700	700
Weight	kg	33	33	33	33	37
Flue gas connection	Ø mm	60	60	60	60	60
Ventilation air connection	Ø mm	100	100	100	100	100
Combi boiler DHW output	kW	–	–	25.4	29.6	34.4
Draw-off rate	l/min	–	–	12.0	14.0	17.0
Energy efficiency class						



Vitodens 050-W
(types B0HA and B0KA)

Vitodens 050-W appliances are tested and approved for natural gas to EN 15502.
Conversion within gas groups E/LL/Lw/K is not required.

The Vitodens 050-W combi boiler is equipped with an integral instantaneous water heater for DHW heating.
Initial output for DHW heating from 10 to 45 °C.

PRODUCT FEATURES

- + Gas condensing system boiler and combi boiler
- + Rated heating output from 3.2 to 32 kW
- + Standard seasonal efficiency [to DIN]: up to 98 % (H_s) [gross cv]
- + Modulation range down to 1:8 (3.2 to 25 kW) and down to 1:10 (3.2 to 32 kW)
- + Power saving, high efficiency circulation pump
- + Energy efficiency class: A

Special benefit of the Vitodens 050-W combi boiler (type B0KA):

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

Your trade partner