

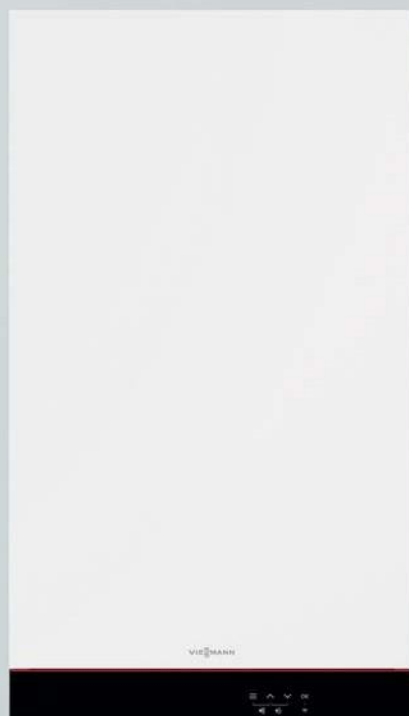


WALL-MOUNTED CONDENSING BOILER

High level heating and hot water convenience  
with particularly good value for money

## **VITODENS 050-W**

(type B0KA)



**For heating with natural  
gas**

Efficient and long-lasting

High level of heating and  
hot water convenience

Compacts dimensions

Compact and efficient wall-mounted condensing gas boilers with a particularly attractive price/value ratio.



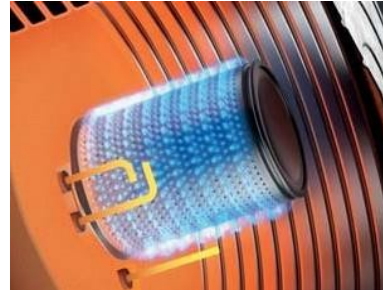
The attractively designed Vitodens 050-W in Vitopearlwhite

As a large series manufacturer with many years of experience wall-mounted equipment, we know 's most important. You can rely on the quality of Viessmann products, including the very affordable Vitodens 050-W. That's why Viessmann wall-mounted units stand for innovative technology and , but also for reliable operation and durability. Thanks to its modern internal assemblies, the wall-mounted condensing gas boiler takes up very little space and can be installed in small wall niches. There is no need for a free side space for maintenance, as all connections are easily accessible from the front.

"Vitodens 050-W is the perfect choice for retrofitting an apartment or detached house. There are two combi boilers in the 3.2 to 19kW and 3.2 to 25kW power ranges.

#### **MatriX-Plus burner:**

**A key element of your heating system** The main benefits of using the MatriX-Plus burner are its efficient operation and its low emissions of harmful emissions and noise. The special stainless steel surface of the MatriX is insensitive to high temperatures, ensuring reliable operation and long service life. Another technical innovation is the Lambda Pro fully automatic combustion control system. It adapts itself to the gas composition and continuously ensures clean and efficient combustion.



"MatriX-Plus" burner

#### **Stainless steel radial heat exchanger: efficient and long-lasting**

Stainless steel is crucial. "The key element of Vitodens 050-W is the corrosion-resistant stainless steel radial heat exchanger. It efficiently converts used energy into heat. And this is backed up by the safety that comes from the extremely robust, high-quality stainless steel.



Stainless steel radial heat exchanger

## VITODENS 050 - W

3,2 to 25 kW



LED display with easy-to-use touch buttons

### Energy savings, comfort and safety with ViCare

The Vitodens 050-W wall-mounted condensing gas boilers with the new electronics platform have integrated WLAN interface. On request, it will connect the heating appliance directly to the Internet. With the ViCare app, heating control is very simple and intuitive. It sets the course for digital services and is directly connected to a local specialist heating company. The ViCare app provides information on the current operating status of the heating system, and time programmes for heating and hot water heating helps save energy costs. And it's compatible with almost all iOS and Android devices.

### "ViCare thermostat:

#### Convenient temperature control of individual rooms

By connecting the high-quality ViCare thermostat, designed for use with Viessmann heating systems, the room temperature can be conveniently controlled via an app. In addition, the boiler temperature is automatically adjusted to the heat consumption, thus saving energy and extending service life.

### Simple operation with optional remote control

Easy-to-use keys allow you to quickly set heating and drinking water temperatures. Operating states and temperatures are shown on the digital display.



The ViCare app makes it very easy to manage your heating system and saving energy - anytime, anywhere.



Integrated WiFi module



"ViCare thermostat for greater convenience and operational efficiency

### "VITODENS 050 - W" PERSUADES

- + A particularly attractive price/value ratio.
- + The stainless steel radial heat exchanger ensures long life and high efficiency.
- + MatriX-Plus burner with combustion control system "Lambda Pro" delivers consistently high efficiency and low harmful emission values.
- + Simple control via control panel with LED display and touch buttons.
- + Internet-connected equipment via WLAN interface for maintenance and commissioning with Viessmann app.
- + Perfect for installation in residential areas, because of its low noise level and compact dimensions.
- + Low mounting height for simple replacement of old equipment.



### VITODENS 050-W

Type (B0KA)

- 1 MatriX-Plus burner with Lambda Pro combustion control system
- 2 Stainless steel radial heat exchanger
- 3 LED display with touch buttons
- 4 Built-in WiFi module
- 5 High efficiency pump
- 6 Expansion vessel (8 litres)
- 7 Hot water heat exchanger

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

| Condensing gas boiler (type B0KA)                          |          |                             |                             |
|--|----------|-----------------------------|-----------------------------|
| Type of equipment  |          | Combined boiler (type B0KA) | Combined boiler (type B0KA) |
| <b>Rated thermal input range</b>                           |          |                             |                             |
| 50/30 °C   | kW       | 3,2 - 19,0                  | 3,2 - 25,0                  |
| 80/60 °C   | kW       | 2,9 - 17,1                  | 2,9 - 22,4                  |
| <b>Dimensions</b>  |          |                             |                             |
| Length   | mm       | 300                         | 300                         |
| Width  | mm       | 400                         | 400                         |
| Height   | mm       | 700                         | 700                         |
| <b>Weight</b>  | kg       | 33                          | 33                          |
| <b>Flue gas connection</b>                                 | Ø mm     | 60                          | 60                          |
| <b>Air supply connection</b>                               | Ø mm     | 100                         | 100                         |
| <b>Drinking water heating capacity (combi-type boiler)</b> | kW       | 25,4                        | 29,6                        |
| <b>Flow rate</b>   | l/min    | 12,0                        | 14,0                        |
| <b>Energy efficiency class</b>                             | <b>h</b> | A                           | A                           |



VITODENS 050-W  
(type B0KA)

"Vitodens 050-W has been tested and approved for operation with natural gas in accordance with EN 15502. No switching between gas groups E/LL/Lw/K is required.

The Vitodens 050-W combi boiler has an integrated instantaneous (instantaneous) water heater for heating hot water.

Hot water output for heating drinking water from 10 to 45 °C.

### PRODUCT FEATURES

- + Condensing gas combi boiler
- + Nominal heat output range: from 3.2 to 25 kW
- + Standard seasonal energy efficiency: up to 98% (H<sub>s</sub>)
- + Modulation range up to 1:8
- + Energy-saving high-efficiency circulator
- + Energy efficiency class: A

#### Advantage of the Vitodens 050-W combi boiler (type B0KA):

- + The standby function ensures a high level hot water comfort.

Your trading partner

05.2021 Country-specific options

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