



WALL MOUNTED GAS CONDENSING BOILER

# Wall mounted gas condensing boilers: **VITODENS 050-W** (Type BOKA and BOHA)

**Best Buy**  
**Which?**  
Gas Combi Boilers September 2021

**H2**  
20% hydrogen

**WiFi Inside**

**Smart, efficient and durable condensing boiler for heating and hot water**

WiFi Inside

H2 (20% blend)

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 the Vitoppearl white

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 modernisations.

#### **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.



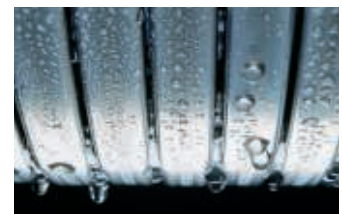
MatriX Plus burner

#### **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.

#### **Up to 10 years guarantee**

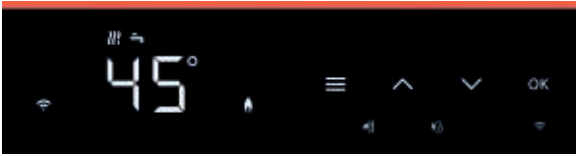
The Vitodens 050-W comes with a 3 year comprehensive warranty as standard. There is the option to extend by a further 7 years if fitted by a Viessmann Trained Installer and the installation is registered through the Viessmann Installer Portal.



Inox-Radial heat exchanger

## VITODENS 050-W

3.2 kW to 30 kW



LED display with user-friendly touch buttons

### 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.

### Smart control with ViCare

With our optional easy-to-install ViCare Thermostat and smartphone app, you can optimise your heating environment and save energy costs from the palm of your hand - no matter where you happen to be.



With the ViCare app you can conveniently adjust your heating and save energy - at any time, from anywhere

### ViCare thermostat:

#### Convenient individual room control

The new ViCare Thermostat is a room sensor or load compensator with the ability to modulate the flow temperature from the boiler based on the actual room temperature. It is a wireless alternative to the outdoor sensor providing the latest in heating control technology. The ViCare thermostat is a fully wireless device for use with the ViCare App and takes only a few minutes to set up.

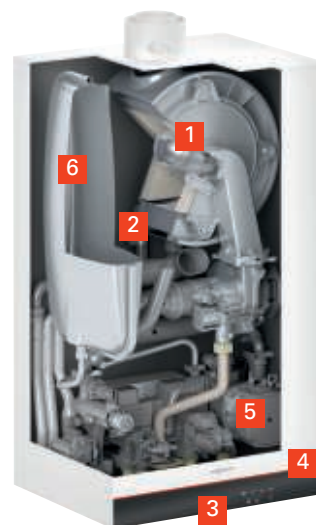


#### ViCare thermostat Features

- + Easy to install: wireless
- + Improves efficiency
- + Load compensator operated via ViCare app
- + Meets Boiler Plus requirements
- + Suitable for system boiler (4-pipe installation)
- + No zoning or additional room thermostats required

### 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 emission values
- + 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



### 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

| Device                              | Gas condensing system and combi boiler (Type BOKA and BOHA) |   |   |
|-------------------------------------|---|---|---|
|                                     |   | System / Combi-boiler<br>(Type BOKA and BOHA) | System / Combi-boiler<br>(Type BOKA and BOHA) |
| <b>Rated heat output</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>Rated output for DHW heating</b> | kW  | 25,4  | 29,6  |
| <b>Dimensions</b>                   |   |   |   |
| length (depth)                      | mm  | 300   | 300   |
| width                               | mm  | 400   | 400   |
| height                              | mm  | 700   | 700   |
| <b>Weight</b>                       | kg  | 35  | 35  |
| <b>Flue gas connection</b>          | Ø mm  | 60  | 60  |
| <b>Ventilation Air Connection</b>   | Ø mm  | 100   | 100   |
| <b>DHW flow rate</b>                | l/min   | 10,2  | 12,2  |
| <b>Energy efficiency class</b>      |   |   |   |



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 30 kW
- + Heat output ratings of 3.2 to 25 kW
- + ERP efficiency 92% (Class A)
- + H2 20% blend
- + 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)
- + Advanced weather compensation available

Your trade partner: