

Gas condensing
technology

Vitodens 050-W Combi
5.9 to 35 kW



VITODENS 050-W COMBI

The Vitodens 050-W wall mounted gas condensing boiler offers excellent heating and DHW convenience with a particularly advantageous price/performance ratio.

Take advantage of these benefits

- Standard efficiency up to 97% (Hs)
- Highly durable and efficient through Inox-Radial stainless steel heat exchanger
- Modulating high efficiency stainless steel cylinder burner
- Easy to operate control with manual power limitation and provision for connecting modulating thermostats
- Combined PRV and condensate connection, for fast and simple installation
- Digital user interface with LCD display
- Suitable for weather compensation and/or open therm control operation
- High efficiency A rated pump

With the Vitodens 050-W, Viessmann now offers an attractively priced wall mounted gas condensing boiler with proven quality. An extensive range of accessories makes the Vitodens 050-W equally suitable for either new build or modernisation. It is offered with two DHW output ratings (5.9 to 29 and 8 to 35 kW), as a combi boiler with an integral instantaneous water heater. An electronic boiler control unit for thermostatic mode and weather compensated mode is already integrated into the Vitodens 050-W, along with a frost stat. The outside temperature sensor is available as an accessory.

Quiet and compact

The Vitodens 050-W features a particularly low level of operating noise and its components are accessible from the front for ease of service and maintenance. With a height of only 707 mm, the Vitodens 050-W is one of the smallest wall

mounted boilers in its class. Its compact dimensions recommend it as a replacement for outdated boilers in multi storey buildings – including up to five boilers on different floors connected to one vertical flue system.

Inox-Radial heat exchanger and cylinder burner made from stainless steel

The high quality stainless steel Inox-Radial heat exchanger efficiently converts the supplied energy into heat. Its efficiency (to DIN) is 97 percent (Hs) [gross cv] or according to SEDBUK > 89.1 % (2009). The stainless steel cylinder burner therefore consumes relatively little natural gas, with lower CO₂ emissions and less impact on the environment as a result.

* Viessmann Trained Installers can offer their customers an extended warranty option up to 7 years.

Boilers

Part No.	Description
BPJDO30	Vitodens 050-W 29 kW BPJD
BPJDO31	Vitodens 050-W 35 kW BPJD
Controls	
7537993	Vitotrol 100-W room thermostat (LV) (hard wired)
7537996	Vitotrol 100 UTA Programmable room thermostat 24HR (LV) (hard wired)
7537988	Analogue plug in time clock for Vitodens 050-W 1 channel
7552848	Vitotrol 100 UTA Wireless Plug-in Programmable room thermostat, 1 Channel 24 HR for Vitodens 050-W
7543788	Vitotrol 100 UTDB RF2 Wireless Plug-in Programmable room thermostat, 2 Channel 7 Day for Vitodens 050-W
7511618	Vitotrol 100 OpenTherm programmable room controller, 7 day, single channel (load compensation) (hard wired)
7543241	Outside temperature sensor for weather compensated operation
Flues	
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 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 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

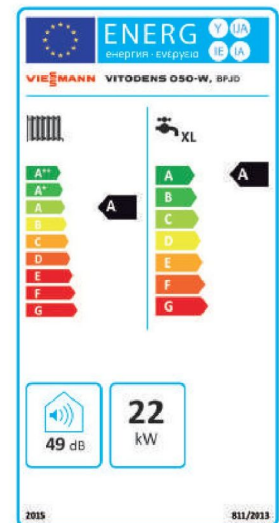
For all other accessories please see page 25



Inox-Radial heat exchanger



050-W showing components



10 Year Warranty

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