

Gas condensing technology

VITODENS 222-F

VIESSMANN

climate of innovation



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Vitodens 222-F 19 to 35 kW

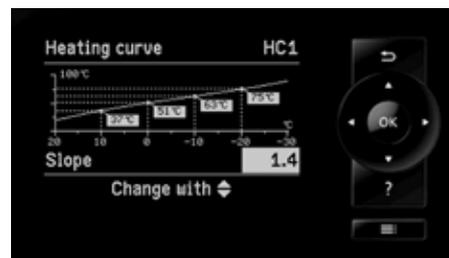
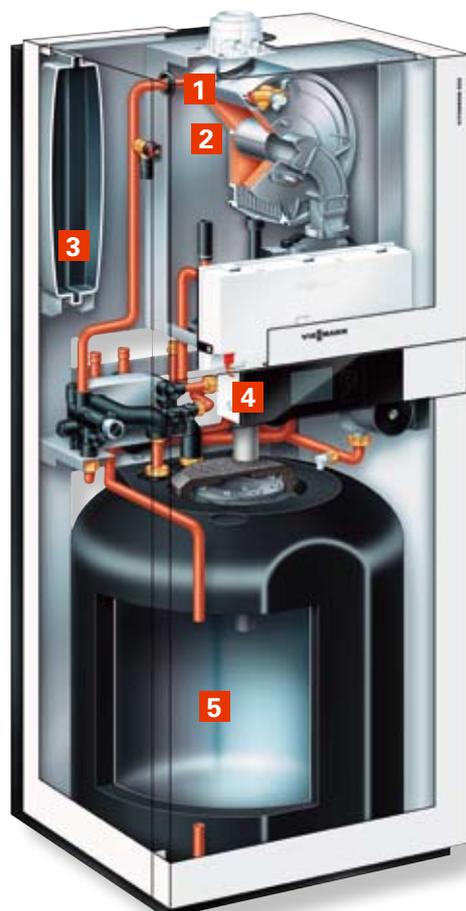


Space saving replacement option

The new storage combi floor standing condensing boiler Vitodens 222-F is designed specifically for modernising heating systems and replacing older gas fired boilers with DHW cylinders. The output range goes up to 35 kW allowing to give you a very high hot water comfort, ideal for homes with multiple bathrooms. It comes in three heat outputs (19, 26 and 35 kW) and two cylinder sizes (100 & 130 litres).

Cylinder Loading System (CLS)

Thanks to its innovative Cylinder Loading System (CLS) it provides plenty of hot water without delay. The all-in-one solution includes an unvented cylinder using the advanced CLS technology. It provides plenty of hot water with flow rates of up to 20 litres/min. On the 35 kW model a 10 min peak flow performance provides 200 litres of 60°C hot water which is equivalent to a larger cylinder. Very fast heating-up time due to its sophisticated DHW CLS technology - the cylinder is heated up via an external plate heat exchanger and DHW loading pump.



Vitotronic Heating Curve

Award winning control unit

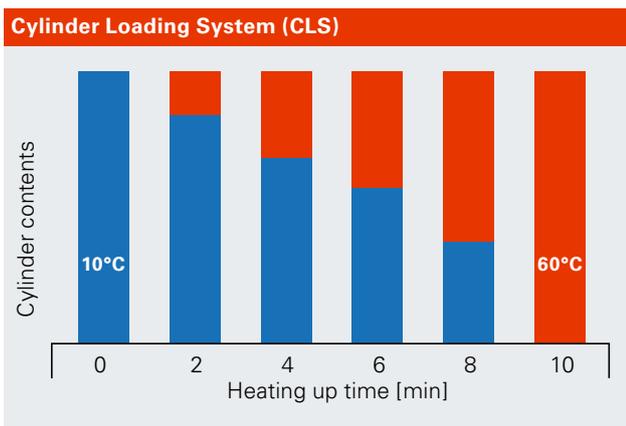
Viessmann introduces a new control system designed for ease of use. Navigation is as easy as can be and mirrors the well known scroll wheel you are familiar with from mobile phones or TV remote controls. It features a multi-line plain text display with large fonts and the display is 70% larger than those of comparable devices. The display can show graphics and is also back-lit. Thanks to the clear monochrome contrast, it is easily legible, even in poorly lit installation sites.

Outstanding combustion control

The Vitodens 222-F requires very little space, in other words, width and depth match those of standard kitchen units. The proven MatriX cylinder burner with Lambda Pro combustion control automatically adjusts itself to varying gas qualities and ensures a constantly high seasonal efficiency of up to 91% (gross) – SEDBUK A.

Vitodens 222-F

- 1 Stainless steel Inox-Radial heat exchanger
- 2 MatriX cylinder burner
- 3 Expansion vessel
- 4 Vitotronic control unit
- 5 Enamelled storage cylinder



Cylinder Loading System (CLS)

Most unvented cylinders use a heating coil to heat up the cylinder. The CLS technology replaces the coil with a plate heat exchanger. A DHW pump circulates the cold water from the bottom of the cylinder, through the plate heat exchanger and puts the hot water back to the top of the cylinder.

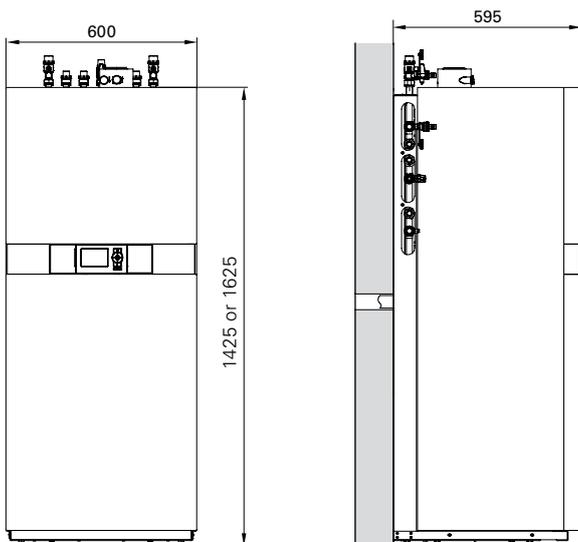
Take advantage of these benefits

- Durable and efficient through the stainless steel Inox-Radial heat exchanger
- Matrix cylinder burner with Lambda Pro combustion control for permanent high efficiency and clean combustion
- New control unit that is easy to operate with plain text and graphics display
- Universal connection sets for individual installation
- No side clearance required
- DHW expansion vessel and DHW circulation pump can be integrated inside the appliance
- 3 year standard warranty and 5 year if fitted by a Viessmann trained installer
- 10 year warranty on the stainless steel heat exchanger

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Technical Data Vitodens 222-F Storage Combi

Vitodens 222-F			19 kW	26 kW	35 kW
CH heat output 50/30°C		kW	4.8-19	6.5-26	8.8-35
CH heat output 80/60°C		kW	4.3-17.2	5.9-23.7	8-31.7
DHW output		kW	4.3-17.2	5.9-29.2	8-35
Dimensions (overall)	Height	mm	1425	1425	1625
	Width	mm	600	600	600
	Depth	mm	595	595	595
Weight		kg	129	132	141
Un-vented cylinder volume		l	100	100	130
NOx		mg/kWh	<39	<39	<39
		class	5	5	5



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