



Low-temperature oil/gas boiler

Proven Viessmann quality from 700 to 1950 kW
VITOMAX LW (Type M60A)



VITOMAX LW

The right solution
for process heating,
biogas plants and
mobile hire plants

Vitomax all-rounder – the ideal solution for supplying the heating system as a base or peak load boiler



Vitomax LW (type M60A), output 700 to 1950 kW

The compact Vitomax LW steel boiler is available from 700 to 1950 kW. The three-pass boiler provides the conditions for environmentally friendly and low-emission combustion with a wide range of burners and fuels.. The Vitomax LW is a three-pass boiler with a low combustion chamber load, which results in particularly low nitrogen oxide emissions (NOx).

Optimum combustion and low emissions

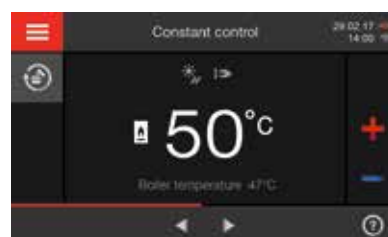
Compatibility with varied fuel types allows for a wide range of burners to be used with the Viomax LW across the entire output range. This ensures optimum combustion with low pollutant emissions.

Proven design saves installation time and costs

Wide water galleries and a large water capacity provide excellent natural circulation and reliable heat transfer.

Economical and safe operation thanks to the Vitotronic control system

The Vitotronic control unit with a large colour touchscreen enables quick commissioning using the assistant function; operation is straightforward as well. The boiler can be connected directly to the internet for remote monitoring via the integral LAN interface. The Vitosoft 300 service tool communicates directly via WLAN. Energy consumption can be clearly visualised on the control unit's energy cockpit.



Vitotronic 100 boiler control unit with colour touch screen



Vitotronic 200 (type CO1E) with colour touch screen for weather-compensated operation



Display of the Vitotronic 300 (type CM1E).
For multi-boiler systems with up to 8 boilers

Vitomax LW features

- + Economical and environmentally friendly thanks to lowered boiler water temperature
- + Three-pass boiler with low combustion chamber load, resulting in low emissions
- + Wide water galleries and large water content ensure good self-circulation and reliable heat transfer
- + Longer burner run times and less cycling due to large water content
- + Easy to transport into boiler rooms thanks to a compact design
- + Suitable for almost all fuels. e.g. oil, NG, LPG, hydrogen, biogas (>55% CH₄ content)
- + Supports low fuel emission burners
- + Highly sophisticated energy manager controller (Vitotronic 300) for multi-boiler systems

Useful in tight spaces

The Vitomax LW three-pass boiler is easy to handle and saves space, while the small footprint and walk-on boiler cover facilitates installation and maintenance.

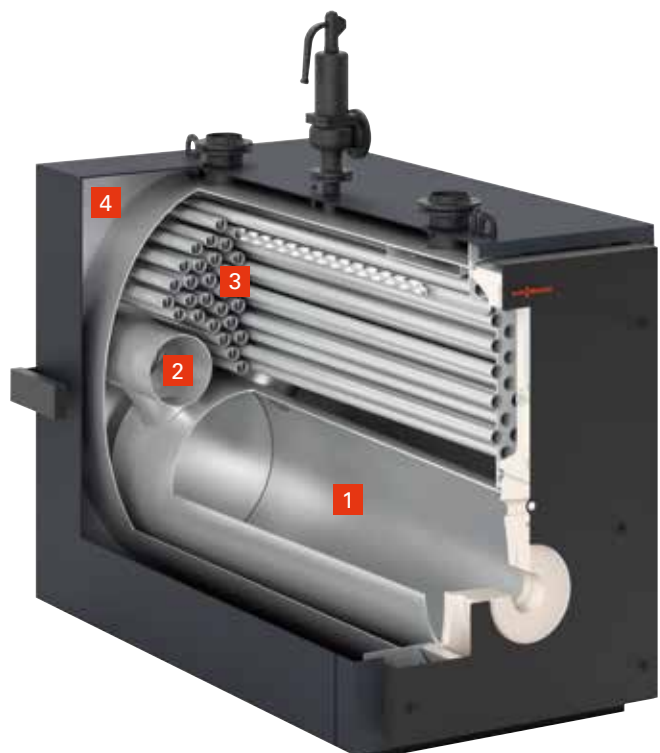
Prepared for the future

The Vitomax LW is suitable for almost all fuels. Operation with dual-fuel burners (gas/oil) already guarantees maximum operational reliability. If hydrogen or biogas is available, the boiler can continue to be operated with a suitable burner.

VITOMAX LW

Type M60A
700 to 1950 kW

- 1 Combustion chamber (first pass)
- 2 Second pass heating gas flue (on both sides)
- 3 Third pass heating gas flue
- 4 Highly effective thermal insulation



Low-temperature oil/gas boiler **VITOMAX LW** (type M60A)

Nominal heat output	kW	700	900	1100	1300	1600	1950
Dimensions							
Length	mm	2280	2580	2530	2750	3175	3175
Width	mm	1460	1460	1555	1555	1660	1660
Height	mm	1690	1690	1920	1920	2140	2140
Weight	kg	1725	1985	2255	2485	3180	3760
Exhaust gas connection	Ø mm	300	300	350	350	400	400



Product features

- Low-temperature oil/gas boiler, 700 to 1950 kW
- Standard efficiency with heating oil: 89% (Hs) and gas 86% (Hs)
- Flow temperature up to 110°C
- Easy-to-operate Vitotronic control unit with colour touch screen
- Integrated (WiFi) LAN interface for internet communication and integrated WLAN for service interface
- Vitotronic control system in conjunction with the Vitogate 300 (accessory) enables integration into building management systems (BMS)
- No minimum flow rate requirement
- Operating pressure up to 6 bar