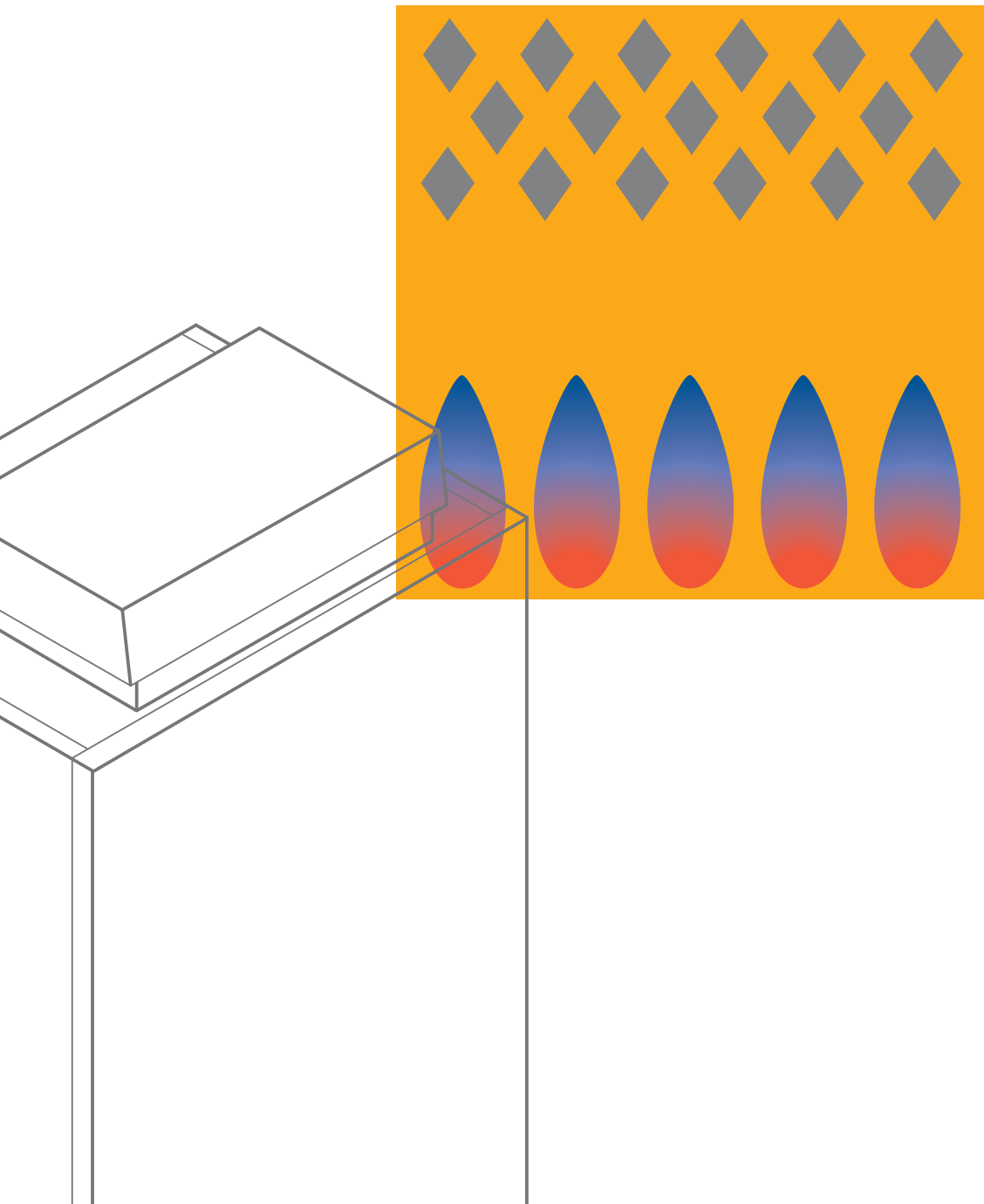


VITOGAS 200-F

Low temperature gas fired boiler
Rated output: 11 to 144 kW

VIESSMANN



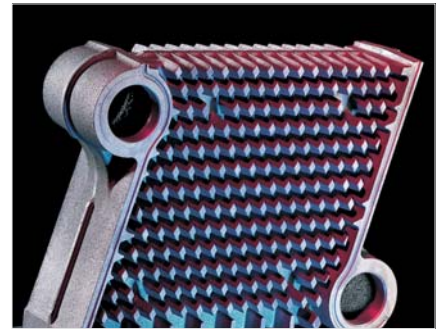


Vitogas 200-F
Gas fired boiler
with special cast
iron heating surface

Full steam ahead with top technology – gas fired boilers for today

Leading technology for top quality

The user-oriented concept of this generation of gas fired boilers is supported by a whole raft of technical expertise. Proven Viessmann technology provides first-class convenience and top quality throughout the product range. This quality permeates the Viessmann system technology right into the smallest detail of every heating system.



Heating surface in special cast iron

Increased demand for convenience, economy, environmental protection and user-friendliness require innovative heating technology. With its Vitogas boiler range, Viessmann offers individual and innovative solutions. All Vitogas boilers meet the requirements for the “Blue Angel” certificate of environmental excellence.

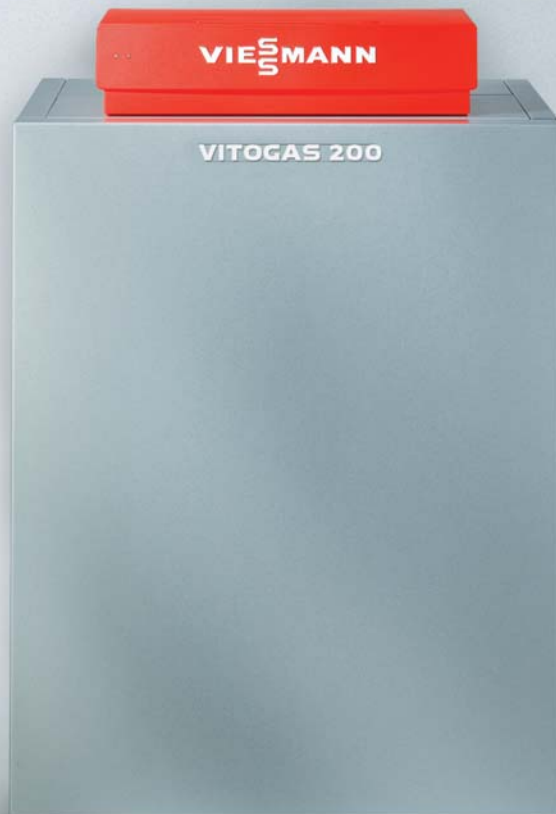
One frame – many benefits

All Vitogas gas fired boilers have one thing in common: Their innovative platform strategy. This means that all models are designed around a standard frame. This goes for the boiler as well as the control units. For the heating contractor, this means easy installation, commissioning and maintenance as well as a negligible spare parts stock requirement. Benefits for system users: Lower installation and maintenance costs, yet higher control convenience.

Good for the environment and good for you too

The Vitogas 200-F lets you enjoy advanced heating technology in an innovative and attractive design that sets new benchmarks for user-friendliness, environmental protection and economy.

In the following pages you will learn how the Vitogas 200-F allows you to get ahead with a clear conscience.



Vitogas 200-F
11 to 60 kW



Vitogas 200-F
with DHW cylinder,
Vitocell 100-V, of
matching design

Atmospheric low temperature gas fired boiler

Higher output – lower emissions

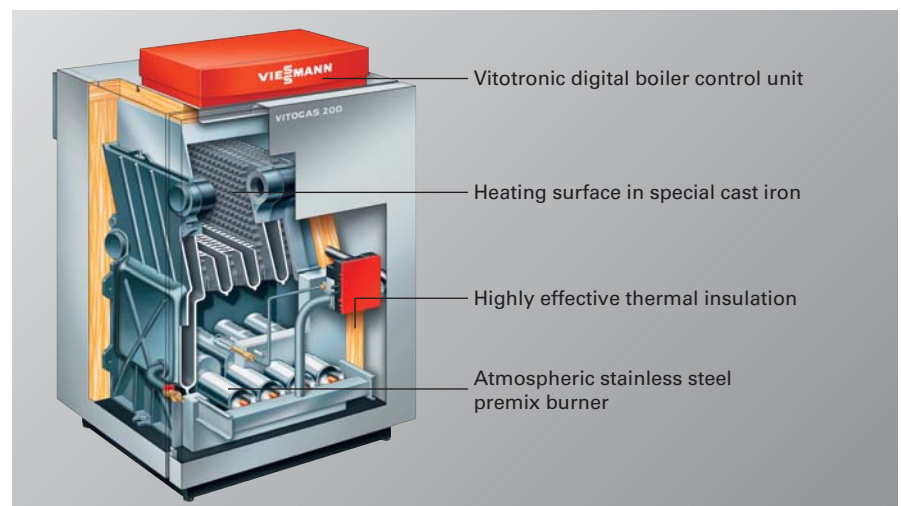
The Vitogas 200-F up to 60 kW is the smallest model in the freestanding gas fired boiler range from Viessmann. It is highlighted by its high performance, operational reliability and long service life. Both its price and dimensions make it an attractive choice: It fits most budgets and into almost any space.

The Vitogas 200-F is not only miserly in its space requirements, but also where outlay and energy consumption are concerned. Its stainless steel premix burner lets it perform better than required for the “Blue Angel” certificate of environmental excellence and the Swiss Clean Air Act.

Reliable quality

The heating surfaces of Vitogas are made from proven special cast iron and the dimensions have been designed to provide the lowest possible stress on the heating surfaces, so you can enjoy your new gas fired boiler for longer. And you can enjoy higher operational reliability.

- Atmospheric low temperature gas fired boiler, 11 to 60 kW
- Standard efficiency: 84 % (H_g) / 93 % (H_i)
- High operational reliability and a long service life through heating surfaces made from special cast iron with lamellar graphite and low heating surface loading
- Clean combustion through atmospheric premix burner
- Performs better than required for the “Blue Angel” certificate of environmental excellence and the Swiss Clean Air Act
- Low energy consumption through modulating boiler water temperature when the outside temperature rises
- Highly reliable and gentle, low noise ignition through intermittent ignition system
- Compact dimensions enable universal installation in a boiler or utility room
- Can be combined with a DHW cylinder of matching design
- Easy handling because of low weight and compact design





Vitogas 200-F
72 to 144 kW

The Vitogas 200-F has true stature – from 72 to 144 kW or as cascade up to 432 kW

The Vitogas 200-F always does well – with a rated output of 72 to 144 kW or as a multi-boiler system up to 432 kW. The standard components of the powerful gas fired cascade are the proven Vitogas 200-F (up to 144 kW), the matching flue gas header and the Vitotronic control unit. This makes the Vitogas 200-F an ideal solution even in larger buildings, where quiet operation and an optimum price/performance ratio are a must.

Your performance gain

Of course, the “large” Vitogas 200-F also offers the whole range of leading technology from Viessmann. These include heating surfaces made from special cast iron, the atmospheric premix burner and the Vitotronic digital control units for operation with modulating boiler water temperature. The Vitogas 200-F ensures high operational reliability, low emissions and low energy consumption. A huge plus as far as the environment and your wallet are concerned.

Improved convenience

The stainless steel atmospheric premix burner not only ensures excellent emission values, but also minimum noise levels during its operation and on starting. This is easily explained: The special feature of this burner is its segmentation into several gas fittings. This ensures rapid, even gas distribution and reduces the start-up noise development to a minimum. Even in partial load operation the entire burner area



Stainless steel premix burner



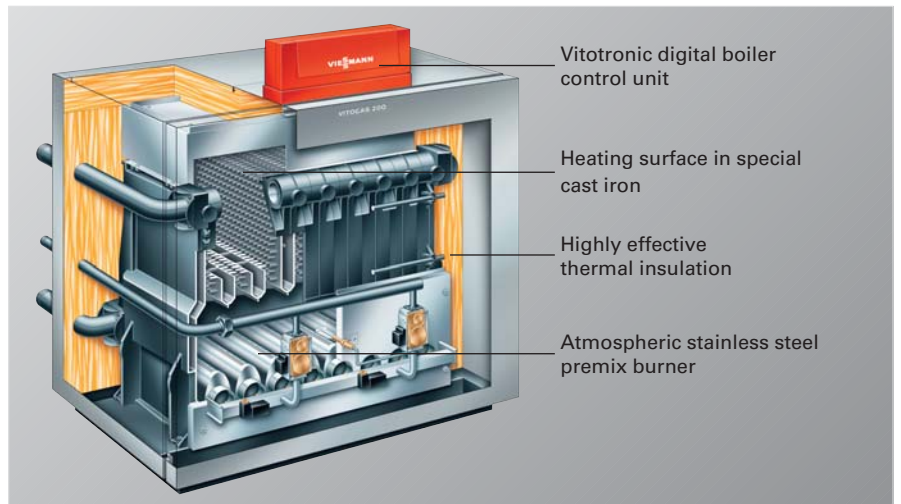
Vitogas 200-F with flue gas header

is fired up, ensuring a balanced loading of the burner and the heating surfaces that is kinder on the materials used.

Flue gas header

The Vitogas 200-F can also be used in the output range 72 to 144 kW with a matching flue gas header; also in dual and triple-boiler systems in cascade operation up to 432 kW.

- Atmospheric low temperature gas fired boiler, 72 to 144 kW; also as dual or triple-boiler systems with matching flue gas header
- Standard efficiency: 84 % (H_g) / 93 % (H_i)
- High operational reliability and a long service life through heating surfaces made from special cast iron with lamellar graphite and low heating surface load
- Low energy consumption through modulating boiler water temperature
- Highly reliable and gentle, low noise ignition through intermittent ignition system
- Pre-assembled boiler body for output between 72 and 144 kW, or supplied in individual cast iron sections
- Digital, weather-compensated Vitotronic 300-K cascade control unit with communication capability for linking three boilers with Vitotronic 100. Up to 32 heating circuit control units Vitotronic 200-H can be connected, plus optional integration into building management systems via LON



Vitotronic digital boiler control unit

Heating surface in special cast iron

Highly effective thermal insulation

Atmospheric stainless steel premix burner

Vitotronic: Technology that thinks for you



Vitotronic control units provide you with every conceivable heating convenience. Once adjusted to suit your personal requirements, Vitotronic runs many functions automatically. The clear Vitotronic user interface makes adjusting the system to your personal preferences very easy: You will be assisted by illuminated keys and a large display with plain text messages.

Automatic control

The Vitotronic automatically changes over between winter and summer time and responds, as a weather-compensated control unit, to external temperature fluctuations. A number of pre-set convenience functions, such as party mode (should you be having a late night), economy or holiday programs, can be accessed at the touch of a button. And that, not only on the boiler, but also on the mirror-image user interface of the remote control unit in your living room.

Options for the future

The Vitotronic control unit is designed to accommodate future modifications. Should you wish to extend your home in the near future, or link solar collectors to your heating system, the Vitotronic will always keep up.



Vitotronic control unit



Vitotrol 300
Clarity is vital:
Menu-guided
programming unit
with plain text display

Function	Vitotronic 100* ¹⁾	Vitotronic 150* ¹⁾	Vitotronic 200 / 300** ²⁾
Reacts to changes in room temperature	●	—	—
Reacts to changes in outside temperature	—	—	●
Adjustable for central heating and DHW heating	—	—	●
Adjustable for central heating only	● ¹⁾	—	●
Automatic summer/winter changeover	—	●	●
Party key (extends heating time)	● ¹⁾	● ²⁾	●
Economy key (short-term setback)	● ¹⁾	● ²⁾	●
Holiday program (long-term setback)	● ¹⁾	—	●
Small display with symbols	●	●	—
Large display with plain text messages	—	—	●

¹⁾ only with a separate Vitotrol 100 clock thermostat (in the living space)

*¹⁾ only for Vitogas 200-F to 60 kW

**²⁾ for the Vitogas 200-F from 72 kW

²⁾ in conjunction with the Vitotrol 200/300

Everything under control – even from afar

The Vitogas 200-F is prepared for linking up with communication systems.

Remote monitoring and control via GSM/mobile phone networks and Vitocom 100 ①

Affordable remote monitoring of gas fired boilers in detached and two-family homes. With this control unit you can switch your system ON or OFF while you are away.

Integration in home automation systems with Vitogate 200 ②

Vitogate 200 enables the data exchange with EIB systems.

Service via the internet with Vitodata 300 ③

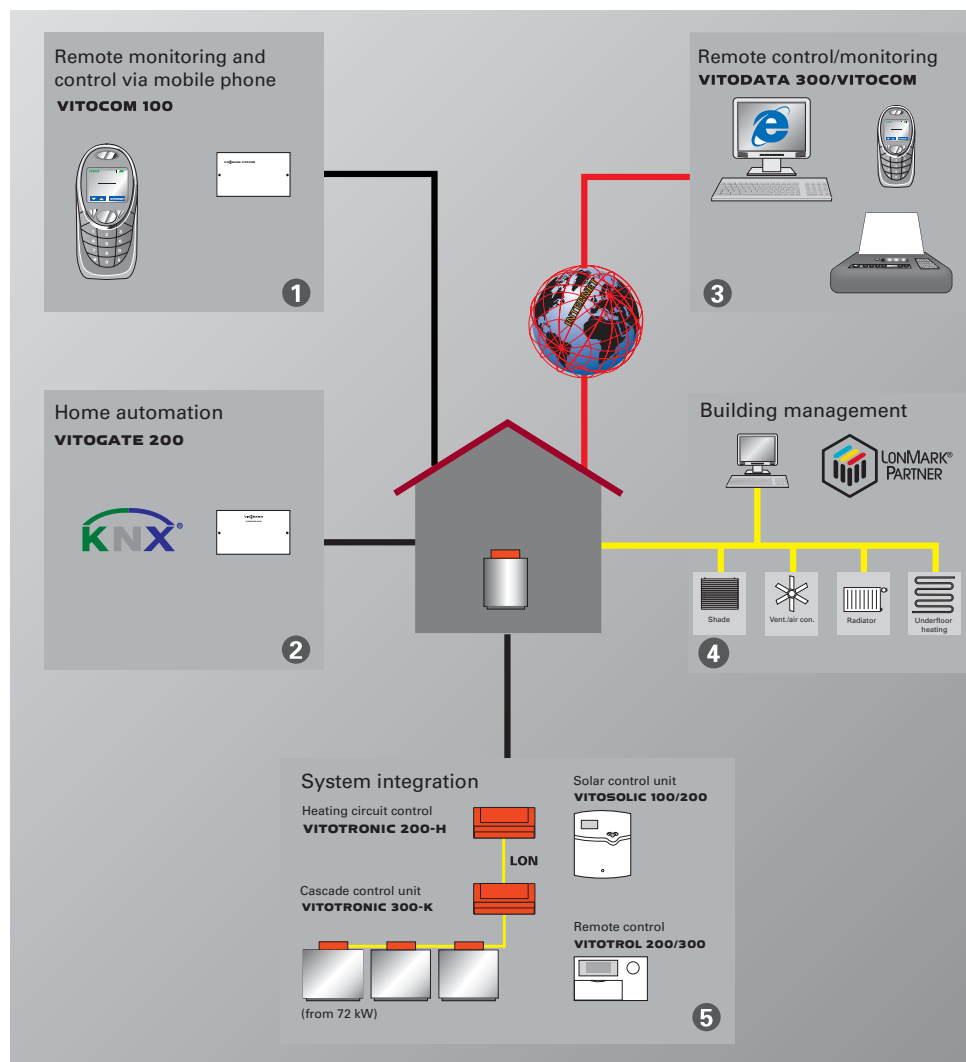
Vitodata 300 enables the remote monitoring and remote control of your heating system round the clock by your heating contractor. Access via the internet.

Linking with building management systems ④

The Vitogas 200-F is prepared for direct linking to LON building management systems.

System integration ⑤

Information and data exchange between all Viessmann components. Vitosoft and laptop connections support your heating contractor during commissioning, maintenance and service.



DHW convenience for every demand



The Vitocell cylinder range offers you a suitable DHW cylinder for your specific needs. Subject to DHW demand and installation options, select a wall mounted or freestanding DHW cylinder; alternatively a cylinder installed adjacent to or below the boiler. Using the matching system connections, boiler and DHW cylinder form one unit, that is quickly installed.

Hygienic DHW provision

The conditions inside the DHW cylinder are crucial for the hygienic delivery of DHW. For this reason, Viessmann relies on two quality materials: Ceraprotect enamel coating for safe, lasting protection against corrosion for the Vitocell 100 range. Stainless steel is the “guardian angel” of the Vitocell 300 range, satisfying the highest hygienic requirements.

Low standby heat losses

The indirect coils inside the Vitocell DHW cylinders reach down to the cylinder floor. This enables them to heat the entire water content, making the heating operation very economical. In addition, the effective all-round thermal insulation provides particularly good protection against heat losses.

Vitocell 100 with Ceraprotect enamel coating

Vitocell 100 with Ceraprotect enamel coating meet all requirements for convenient, economic heating of DHW and are amongst the leaders for enamelled DHW cylinders. The Ceraprotect enamel coating protects the DHW cylinders safely and consistently against corrosion.

Vitocell 300 in corrosion-resistant stainless steel

Vitocell 300 DHW cylinders made from stainless steel meet some of the most stringent hygiene standards. Stainless steel is used for good reason in kitchens, laboratories, hospitals and the food processing industry – because it offers excellent hygienic properties. Its homogeneous surface retains its hygienic properties even after many years of use.

A perfect match

Every detail of each component used in our heating systems is designed to fit into the modular concept from Viessmann. This guarantees trouble-free operation of the complete heating system. All boilers, burners and controls are perfectly matched.

Control unit

Vitotronic (1) offer tailor-made control units for every need – from the simplest to the most complex heating system.

Burner

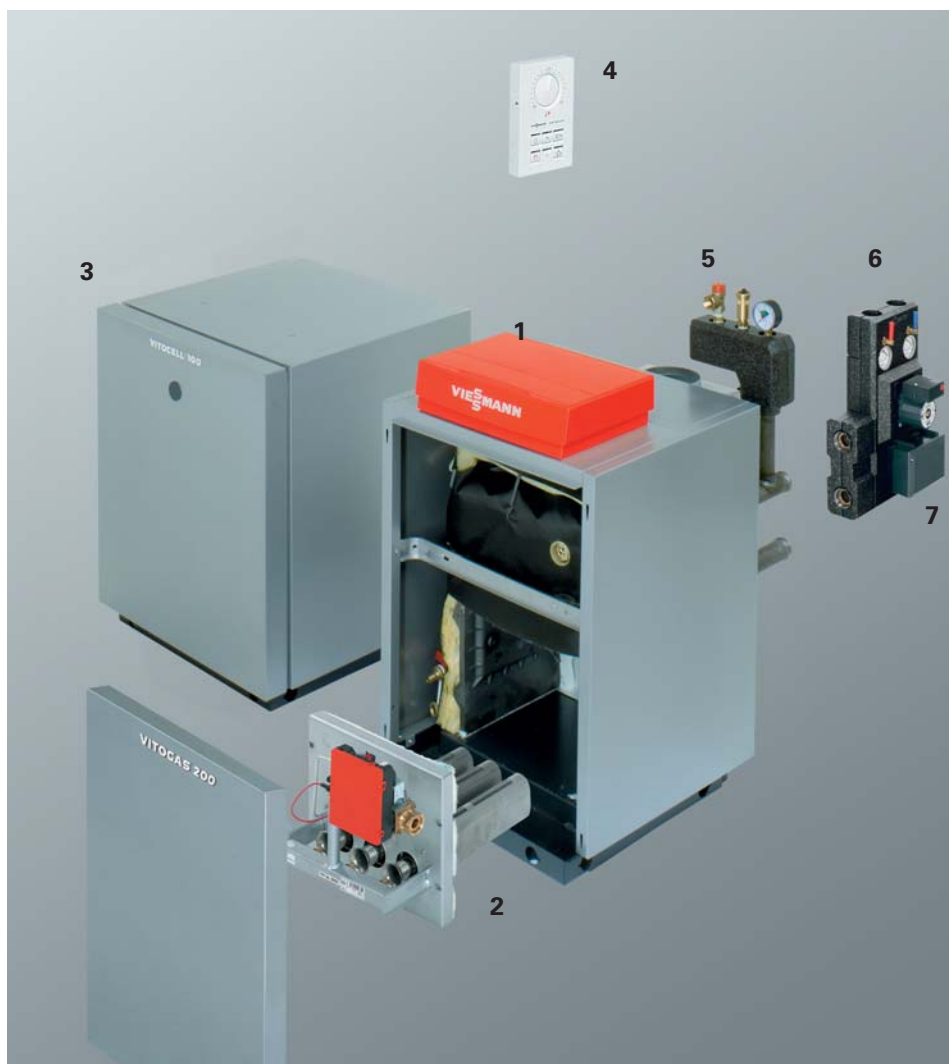
All Viessmann burners (2) are factory-tested at operating temperature using a computer program and are set up for the respective boiler output.

DHW cylinder

The comprehensive range of Vitocell DHW cylinders (3) offers economical DHW convenience to meet any requirement and every aspiration.

Remote control

Matching Vitotrol remote controls (4) are available for all Viessmann control units. They allow you to control your heating system from the comfort of your living room.



Accessories

Complete safety equipment block (5) with safety assembly and moulded insulation shells.

The Divicon heating circuit distributor (6) is fully assembled and quickly fitted using the Divicon adaptor.

The mixer motor (7) of the extension set for one heating circuit with mixer for the Vitotronic 200 is fitted directly to the Divicon heating circuit distributor.

Modular-Divicon

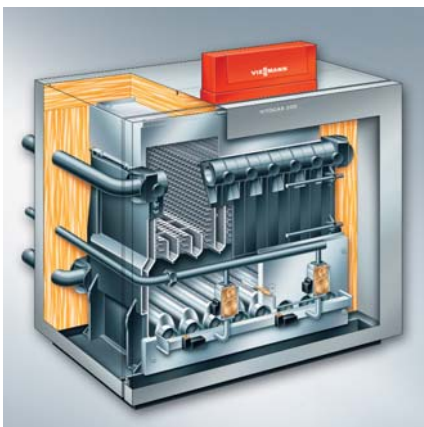
The Modular-Divicon heating circuit distributor can be used universally for freestanding and wall mounted boilers. Pipe assemblies and manifolds enable up to three Modular-Divicon to be connected, so saving space.

The complete Vitogas range



VITOGAS 200-F

Rated heat output	kW	11	15	18	22	29	35	42	48	60
Dimensions (total)	Length mm	765	765	765	765	765	785	785	785	785
	Width mm	500	500	580	580	650	760	850	940	1130
	Height mm	890	890	890	890	890	890	890	890	890
Weight (incl. thermal insulation)	kg	96	96	119	119	142	164	188	211	257
	Boiler water content	litres	7.6	7.6	9.7	9.7	11.7	13.8	15.9	17.9



VITOGAS 200-F

Rated heat output	kW	72	84	96	108	120	132	144
Dimensions (total)	Length mm	1010	1010	1060	1060	1060	1060	1060
	Width mm	1010	1120	1220	1330	1430	1540	1640
	Height mm	1130	1130	1130	1130	1130	1130	1130
Weight (incl. thermal insulation)	kg	388	435	483	533	585	631	679
	Boiler water content	litres	37.6	43.0	48.3	53.6	59.0	64.3

Multi-boiler systems with flue gas header up to 432 kW

Everything from one source

The high standards distinguishing Viessmann heating systems are also applied to all other components, assuring you of maximum economy and dependability. Your heating contractor has solid advantages when planning, installing and maintaining your system.

High quality, comprehensive product range

From radiators and underfloor heating systems via valves, flue gas systems and expansion vessels through to DHW cylinders: The various components in the Vitoset accessory range are perfectly matched to one another.

Vitosol solar heating system: Energy – completely free

Vitosol solar collectors are the ideal complement to energy saving heating systems from Viessmann. They enable you to save between 50 and 60 % of the annual energy demand for DHW heating – even in our latitudes. This clearly reduces your heating costs.



Bathroom radiators



Vitosol solar heating technology – the perfect complement to energy saving technology

Our comprehensive product range sets new standards



Viessmann offers future-oriented heating systems for oil, gas, solar, wood and natural heat, qualifying them as an independent partner concerning all energy questions.



Our heating systems cover all output demands from 1.5 to 20000 kW – from apartments to large industrial plants.



Our product range, categorised in three steps according to price and technology, offers the right solution for every demand and every budget.



Viessmann matches up all products and consequently offers an optimum level of efficiency – from the initial design to system operation.

Wall mounted boilers for oil and gas, employing conventional and condensing technology



Heating system components, from fuel storage to radiators and underfloor heating systems



Energy systems for the utilisation of environmental energy, solar energy and sustainable fuel supplies



Freestanding boilers for oil and gas, employing conventional and condensing technology

The Viessmann Group

For three generations, the Viessmann family business has been committed to generating heat conveniently, economically, with environmental responsibility and in accordance with the prevailing demand. With a number of outstanding product developments and problem-solving solutions, Viessmann has created many milestones which have frequently made them the technical pacemaker and trendsetter for their entire industry.

Viessmann's orientation is decidedly international – it maintains 11 factories in Germany, Austria, France, Canada, Poland and China, sales organisations in Germany and 35 other countries, plus 112 sales offices around the world.

Responsibility for the environment and society at large, fairness in dealing with business partners and employees, as well as striving for perfection and the highest efficiency in all business processes are core values for Viessmann. This applies to every individual employee and therefore to the whole company. It offers its customers, with the multitude of its products and associated services, the particular benefit and added value of a strong brand.



The Viessmann Centre, Allendorf, with the company's museum "Via Temporis"



Viessmann supports top performances in the sporting arena too



Viessmann sales offices: 112 world-wide

Viessmann Group





climate of innovation

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9446 955 - 2 GB 03/2007
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