



PRODUCT RANGE OVERVIEW

Our comprehensive range of cutting-edge heating and climate technologies.







We are Viessmann Climate Solutions

+100 years of expertise for a sustainable future

For 107 years, Viessmann products have been working every day to further improve climate solutions for people and the environment. Our conviction is clear: there is no future without innovative strength. That is why we actively shape how our society uses energy today and tomorrow.

Our commitment to sustainability and innovation

The world around us is changing at a breathtaking pace. At Viessmann Climate Solutions, we are always ready to meet the challenges of change and help shape a sustainable future. Our DNA is characterised by a deep enthusiasm for new things and a keen awareness of technical and economic trends.

At Viessmann Climate Solutions, we continuously set standards and develop innovative products that meet the constantly changing needs of our customers. Instead of seeing the challenges of the energy transition and digital transformation as obstacles, we see them as opportunities.

Always one step ahead

By actively tackling these challenges, we gain new perspectives and develop pioneering solutions. Our power of innovation allows us to drive the energy transition forward and provide our customers with the necessary tools to effect sustainable change. Our 107 years of expertise and experience form the foundation for our passion and know-how in tackling the challenges of the future.

Reaching the goal together

Our research and development teams, consisting of engineers, technicians, product managers, software developers and data specialists, are constantly striving to develop ever more efficient solutions. Their aim is to increase the benefits for our customers while optimising the use of valuable resources. Digitalization is of great importance and plays a decisive role in this. It is essential for the success of the energy transition. That's why we are consistently focusing on the digitalization of our processes, solutions and services to ensure our success.

Climate-friendly solutions for all areas

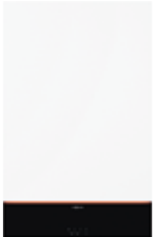
Our heating systems are characterised by their exceptional efficiency. In addition to our outstanding heating systems, we also set the highest standards for power generators and cooling systems. We are aware that these technologies impact greatly on our environment. For this reason, we develop climate-friendly solutions with a focus on sustainability.

Ready for the future

At Viessmann Climate Solutions, we take pride in our 107 years of expertise and experience. Through our continuous innovation and product development, we are climate heroes for the present and the future. We focus on climate-friendly, sustainable and innovative solutions to drive forward the energy transition and enable a sustainable energy supply.

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BOILER / DOMESTIC ELECTRIC BOILER
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Domestic Gas Condensing Boilers

	VITODENS 050-W	Domestic gas condensing combi boiler Type BOKA 3.2 to 35 kW 25 kW, 30 kW: 92% heating seasonal efficiency 35 kW: 93% heating seasonal efficiency	
	VITODENS 050-W	Domestic gas condensing system boiler Type BOHA 3.2 to 25 kW 19 kW, 25 kW: 92% heating seasonal efficiency	
	VITODENS 100-W	Domestic gas condensing heat only boiler Type B1GA 11 kW, 16 kW, 19 kW, 25 kW: 92% heating seasonal efficiency 32 kW: 93% heating seasonal efficiency Heat only/open vent boiler	
	VITODENS 100-W	Domestic gas condensing combi boiler Type B1KF 3.2 to 32 kW 26 kW: 93% heating seasonal efficiency 30 kW, 35 kW: 94% heating seasonal efficiency	
	VITODENS 100-W	Domestic gas condensing system boiler Type B1HF 3.2 to 32 kW 11 kW, 19 kW: 93% heating seasonal efficiency 25 kW, 32 kW: 94% heating seasonal efficiency	
	VITODENS 111-W	Domestic gas condensing boiler Type B1LF 3.2 to 32 kW 25 kW, 32 kW: 94% heating seasonal efficiency Hot water storage combi	

Domestic Gas Condensing Boilers



VITODENS 200-W

Domestic gas condensing combi boiler

Type B2KF

2.5 to 32 kW

11 kW: 92% heating seasonal efficiency

19 kW: 93% heating seasonal efficiency

25 kW, 32 kW: 94% heating seasonal efficiency



VITODENS 200-W

Domestic gas condensing system boiler

Type B2HF

2.5 to 32 kW

19 kW, 25 kW: 93% heating seasonal efficiency

32 kW: 94% heating seasonal efficiency



VITODENS 222-F

Domestic gas condensing boiler

Type B2TF

1.9 to 32 kW

19 kW, 25 kW: 93% heating seasonal efficiency

32 kW: 94% heating seasonal efficiency

Hot water storage combi



VITODENS 200-W

Light-Commercial gas condensing system boiler

Type B2HA

49 kW, 60 kW: 94% heating seasonal efficiency

49 and 60 kW models available



Domestic Electric Boiler



VITOTRON 100

Electric boiler

Type VMN3, VLN3

4 to 8 kW 1-phase

4 to 24 kW 3-phase

Type VMN3 weather compensated control

Type VLN3 constant temperature



Domestic Air Source Heat Pumps



VITOCAL 150-A **R290 / GWP 0.02**

Air source heat pump

Type AWO-M-E-AC-AF

2.1 to 14.9 kW (EN 14511; A7/W35)

Energy efficiency class 35/55°C:

A+++/A++

Energy efficiency at 35°C: 175% to 190%

Energy efficiency at 55°C: 137% to 145%

1-phase (3-phase available on twin-fan models)



VITOCAL 151-A **R290 / GWP 0.02**

Air source heat pump with integrated cylinder

Type AWOT-M-E-AC-AF

2.1 to 14.9 kW (EN 14511; A7/W35)

Energy efficiency class:

Heating A++; Hot water (XL) A

Energy efficiency at 35°C: 175% to 190%

Energy efficiency at 55°C: 137% to 145%

1-phase (3-phase available on twin-fan models)

Includes 190 litre cylinder



VITOCAL 200-A **R410A / GWP 1924**

Air source heat pump

Type AWO-M-E-AC-201

2.4 to 14.7 kW

Energy efficiency class 35/55°C:

A+++/A++

Energy efficiency at 35°C: 172% to 176%

Energy efficiency at 55°C: 124% to 130%

1-phase

Available for heating and cooling or heat only

Cascade options available



VITOCAL 222-A **R410A / GWP 1924**

Air source heat pump with integrated cylinder

Type AWOT-M-E-AC-221

2.4 to 14.7 kW

Energy efficiency class:

Heating A++; Hot water (L) A+

Energy efficiency at 35°C: 172% to 176%

Energy efficiency at 55°C: 124% to 130%

1-phase

Available for heating and cooling or heat only

Includes 220 litre cylinder



Domestic Ground Source Heat Pumps



VITOCAL 200-G R410A / GWP 1924

Ground source heat pump

Type BWC (-M) 201.B

Energy efficiency class 35/55°C:

A+++/A++

1 phase (5.7 to 10.3 kW)

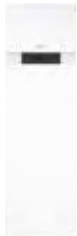
Energy efficiency at 35°C: 180% to 194%

Energy efficiency at 55°C: 118% to 123%

3-phase (5.8 to 17.4 kW)

Energy efficiency at 35°C: 185% to 204%

Energy efficiency at 55°C: 134% to 150%



VITOCAL 222-G R410A / GWP 1924

Ground source heat pump with integrated cylinder

Type BWT-M 221.B06 up to 221.B10: 230V

5.7 to 10.3 kW

Energy efficiency class:

Heating A++; Hot water (XL) A+

Energy efficiency at 35°C: 194% to 214%

Energy efficiency at 55°C: 133% to 151%

1 phase

With integral 220 litre cylinder



VITOCAL 300-G R410A / GWP 1924

Ground source heat pump – inverter driven

Type BWC 301.C

1.7 to 15.9 kW

Energy efficiency class 35/55°C:

A+++/A+++

Energy efficiency at 35°C: 204% to 217%

Energy efficiency at 55°C: 141% to 159%

3 phase



Commercial Gas Condensing Boilers



VITOCROSSAL 100

Commercial gas boiler

Type CIB
80 to 318 kW
98% heating seasonal efficiency



VITOCROSSAL 200

Commercial gas boiler

Type CI3
80 to 640 kW
Cascade up to 5120 kW (8 units)



VITOCROSSAL 200

Commercial gas boiler

Type CRU
800 to 1000 kW
98% heating seasonal efficiency



VITOCROSSAL 300

Commercial gas boiler

Type CR3B
787 to 1400 kW
98% heating seasonal efficiency



VITODENS 200-W

Commercial gas condensing boiler

Type B2HA
49 kW, 60 kW, 80 kW: 94% heating seasonal efficiency
99 kW, 120 kW, 150 kW: 92% heating seasonal efficiency
Can be cascaded up to 594kW with 6 units
Wall mounted boiler



Commercial Ground Source Heat Pumps



**VITOCAL 300-G
R410A / GWP 1924**

Commercial ground source heat pump

Type BW/BWS 301.A
21.2 to 42.8 kW
Up to 428 kW as a cascade
Energy efficiency class 35/55°C:
A+++/A++
Energy efficiency at 35°C: 196% to 211%
Energy efficiency at 55°C: 136% to 141%
3 phase



**VITOCAL 350-G
R410A / GWP 1924**

Commercial ground source heat pump

Type BW/BWS 351.B
20.5 to 42.3 kW
Energy efficiency class 35/55°C:
A+++/A++
Energy efficiency at 35°C: 141% to 217%
Energy efficiency at 55°C: 196% to 213%
3 phase



**VITOCAL 300-G PRO
R410A / GWP 1924**

Commercial ground source heat pump

Type BW 302.D
84.9 to 222.2 kW
Energy efficiency at 35°C: 191% to 196%
Energy efficiency at 55°C: 137% to 143%



**VITOCAL 350-G PRO
R134A / GWP 1360**

Commercial ground source heat pump

Type BWR 352.B and BWR 353.B
27.3 to 197.9 kW
Energy efficiency class 35/55°C:
A+/A+ (27, 34, 52 kW)
Energy efficiency at 35°C: 147% to 154%
Energy efficiency at 55°C: 112% to 118%



**VITOCAL 350-G PRO C
R513A / GWP 631**

Frequency controlled brine/water heat pump

Type BWR 352.C
75 to 210 kW
Energy efficiency at 35°C: 168% to 181%
Energy efficiency at 55°C: 135% to 145%
Refrigerant R513A (GWP 631)
For the following heat sources:
Ground: brine/water direct
Permissible operating pressure: Heating water 10 bar (1 MPa)
Water: water/water with intermediate brine circuit
Permissible operating pressure: Heating water 10 bar (1 MPa)
Air: air/water with air/brine heat exchanger
Permissible operating pressure: Heating water 6 bar (0.6 MPa)

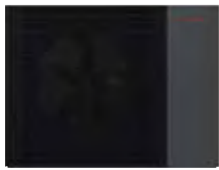
Commercial Air Source Heat Pumps



VITOCAL 200-A PRO R407C / GWP 1774

Commercial air source heat pump

Heating output: 32, 64, 128 kW
Cooling capacity: 35, 70, 140 kW
Cascade options available
Energy efficiency class 35/55°C: A++/A+



VITOCAL 250-A PRO R290 / GWP 0.02

Commercial air source heat pump

Heating output: 32, 40 kW
Cooling capacity: 30, 38 kW
Output of up to 160 kW through
cascade arrangement
Energy efficiency class 35/50°C: A+++/A++

**COMING
SOON**

Oil Condensing Boiler



VITORONDENS 200-T

Oil condensing boiler

Type JR2A
20.2 to 107.3 kW
97% heating seasonal efficiency



Oil / Gas Low-Temperature Boiler



VITOMAX M60A

Oil / gas low-temperature boiler

Type M60-A
700 kW, 1950 kW
89% heating seasonal efficiency



Industrial Boilers



VITOMAX LW

Low pressure hot water boiler

Type LW

0.65 to 22.0 MW

95.5% heating seasonal efficiency

Permissible for flow temperature up to 11°C



VITOMAX HW

High pressure hot water boiler

Type HW

0.35 to 20.0 MW

95.5% heating seasonal efficiency

Permissible for flow temperature up to 21°C



VITOMAX HS

High pressure hot water steam boiler

Type HS

0.5 to 31.5 t/h

95.5% heating seasonal efficiency



VITOMAX 300-E

Electrified hot water and steam boiler

Delivers an output of up to 10 tonnes/hour (steam)

or 9 megawatts and 25 bar (hot water)

99% heating seasonal efficiency



Combined Heat and Power Generation - CHP

**VITOBLOC 200****Type EM-50/81**

Electrical output: 50 kW
Thermal output: 83 kW

Type EM-70/115

Electrical output: 70 kW
Thermal output: 117 kW

Overall efficiency: 91.7%
Primary energy savings:
26.4%. For heat-led or
power operation

**VITOBLOC 200****Type EM-100/173**

Electrical output: 99 kW
Thermal output: 173 kW

Type EM-134/202

Electrical output: 134 kW
Thermal output: 202 kW

Type EM-140/207

Electrical output: 140 kW
Thermal output: 209 kW

Overall efficiency: 90.6%
Primary energy savings:
26.8%. For heat-led or
power operation

**VITOBLOC 200****Type NG-260**

Electrical output: 263 kW
Thermal output: 416 kW

Overall efficiency: 94.2%
Primary energy savings:
29.87%. For heat-led or
power operation

**VITOBLOC 200****Type NG-430**

Electrical output: 435 kW
Thermal output: 581 + 33 kW
SCR-Ready option available
for extra low NOx emissions

Overall efficiency: 89.7%
Primary energy savings:
27%. For heat-led or
power operation

**Type NG-530**

Electrical output: 530 kW
Thermal output: 675 + 36 kW
SCR-Ready option available
for extra low NOx emissions

Overall efficiency: 91.9%
Primary energy savings:
29.3%. For heat-led or
power operation

**VITOBLOC 300****Type NG 15**

Electrical output: 15 kW
Thermal output: 38.3 kW

Type NG 20

Electrical output: 20 kW
Thermal output: 46.5 kW

Overall efficiency: 106.6%
Primary energy savings:
32.3%. For heat-led or
power operation



Solar Thermal Collectors



VITOSOL 100-FM

Solar thermal flat plate collector system

Type SVKF, SVKG

4.04m² aperture area (system)

Available only as two panel system

On roof and in roof



VITOSOL 100-FM

Solar thermal flat plate collector

Type SV1F, SH1F

2.33m² aperture area

On roof



VITOSOL 200-FM

Solar thermal flat plate collector

Type SV2F, SH2F, SV2G, SH2G

2.33m² aperture area

On roof and in roof



VITOSOL 300-TM

Solar thermal vacuum tube collector

Type SP3C

1.6m² / 3.19m² aperture area

Above tiles

For installation on flat or pitched roof, on walls and free standing instalments



Solar Photovoltaic Module



VITOVOLT 300

Photovoltaic system

400 to 440 Wp

On roof



DHW Cylinders



VITOCCELL 300 V

Cylinder

Type EVIV

Cylinder capacity: 160 to 500 litres

Single coil DHW cylinder



VITOCCELL 300-B

Cylinder

Type EVBA

Cylinder capacity: 300 to 500 litres

Twin coil DHW cylinder



VITOCCELL 100-L

Cylinder w/ Vitotrans 222

Cylinder capacity: 500 to 2000 litres

By adding the Vitotrans 222 supplied as an accessory, the Vitocell 100-L forms a cylinder loading system for DHW heating.



VITOTRANS 222

Cylinder w/ Vitocell 100-L

80 kW, 120 kW and 240 kW

Accessory to Vitocell 100-L

Heat exchanger set for cylinder loading

New Vitocell Cylinder Range

VITOCCELL



Boiler cylinder

100/125/150/175/200/250/300 litres

Heat pump cylinder

150/175/200/250/300 litres

Heat pump cylinder slimline

150/175/200 litres

Heat pump combi cylinder

175/200/250 litres



Hot Water Buffer Cylinders



VITOCELL 100-E

Cylinder

Cylinder capacity: 46 to 2000 litres
Heating buffer vessel



VITOCELL 140-E

Cylinder

Cylinder capacity: 400 to 950 litres
Heating buffer vessel with solar coil



VITOCELL 160-E

Cylinder

Cylinder capacity: 750 to 950 litres
Heating buffer vessel with solar coil and stratification lance

**VITOCELL 050-E
EC-PRO**

Cylinder for storing heating water

Cylinder capacity: 935 to 5000 litres
For storing heating water in conjunction with CHP units, medium boilers, heat pumps and biomass boilers

**COMING
SOON**

Mechanical Ventilation Systems with Heat Recovery



VITOVENT 300-C

Mechanical ventilation systems with heat recovery

Max. air flow rate: 150 m³/h
Heat recovery level: up to 89%
Ceiling or wall mounted



VITOVENT 300-W

Mechanical ventilation systems with heat recovery

Max. air flow rate: 225, 325 or 400 m³/h
Heat recovery level: up to 99%
Wall mounted



VITOAIR FS

Mechanical ventilation systems with heat recovery

Max. air flow rate: 300 m³/h
Heat recovery level: up to 80%
Humidity control: up to 74%
Ceiling mounted

Smart Heating Controls and Accessories



VITOCONNECT OPT02

WiFi extensions

Homeowner can control their heating system from their smartphone or tablet using the ViCare app Interface between heating appliance and apps for non-wifi appliances
Remote maintenance of the heating system with the ViGuide app



VITOTROL 100-E

Load compensator control

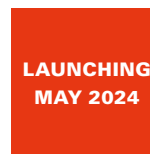
Remote control with integrated radio transmitter For controlling Vitodens domestic boilers with integrated wifi
Battery powered – no wiring needed
One Base integration
Boiler fault indication directly on the screen



VITOTROL 100-EH

Load compensator control

Remote control with integrated radio transmitter For controlling Vitocal domestic heat pumps with integrated wifi
Battery powered – no wiring needed
One Base integration
Heat pump fault indication directly on the screen



VITOTROL 200-E

Wired remote control for connection to Viessmann heat generators

Timer programs for up to 4 heating circuits and DHW cylinders and comfort functions such as holiday/holiday at home program
Specify the temperature set-point for the DHW temperature and up to 3 set-points for the room temperature
Integrated room temperature sensor for room temperature connection (only for a heating circuit with mixer)



VITOTROL 300-E

Heating control

Wireless remote control with built-in low power radio transmitter for controlling heating systems
Set room temperatures of different operating modes
Convenience functions such as holiday program



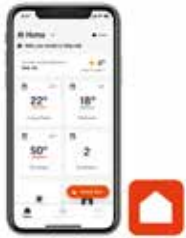
VICARE THERMOSTAT

Heating control accessory

The ViCare Thermostat is a load compensated smart thermostat which is controlled via the ViCare App. It constantly interacts with your Vitodens for the most efficient use and highest level of comfort.



Control and Monitoring Apps



VICARE APP

Control app

The ViCare app provides the best way to connect homeowners to their Viessmann heating systems
Homeowner can save costs when not at home
A direct line to the homeowner's heating contractor
Intuitive operation via smartphone



VIGUIDE APP

Monitoring app

Remote and innovative monitoring of heating systems for installers
Immediate action
Accessible anywhere, web application or app
Map view to plan your route



VITOTROL APP

Control

Controls Vitoden boilers and some Vitocal heat pumps
Can be used for a variety of Viessmann devices
All error messages in plain text
Attractively priced to purchase and operate



Network and connectivity management

Commissioning, maintenance, service and monitoring for Viessmann systems from a single source

Viessmann Climate Solutions

Experience, quality and innovative strength

We create living spaces for generations to come

We work together every day to push the boundaries within technical possibilities. This is how we manage to increase the efficiency of our climate and energy solutions, conserve valuable resources and provide customers and partners with the greatest possible comfort.



Perfect conditions for a successful future

In January 2024, Viessmann Climate Solutions became part of Carrier Global Corporation. The combined expertise in the field of efficient energy and climate solutions, with a strong focus on quality and resource-efficient products, creates optimal conditions for a successful future. As a part of Carrier, we will continue to develop technologies and solutions to meet the challenges of the 21st century.

**Quality made in Germany**

We are constantly setting new standards

With our solutions, we are constantly crossing new boundaries – both technologically and geographically. Our award-winning technologies are at home all over the world.





The Viessmann Brand

We cultivate our identity and values

Yesterday, today and in the future – we know who we are and what sets us apart. Nevertheless, we do not stand still. We move forward and carefully develop our brand identity.



Innovations for the future

We live technological progress

Innovation is the key to the future. With our efficient climate and energy solutions, we are actively helping to shape it. We influence how our society uses energy today and tomorrow.



+100 years of experience

Building on a wide range of experience

For over 100 years, we have been working day in, day out to drive technological progress. Our experience forms the foundation of our passion for constantly facing and solving new challenges.



Viessmann UK
Hortonwood 30
Telford
TF1 7YP
www.viessmann.co.uk
A Carrier Company

Domestic sales

01952 675010
domsales-uk@viessmann.com

Commercial sales

01952 675090
comsales-uk@viessmann.com

Technical helpline

01952 675070
technical-uk@viessmann.com

Customer Service

01952 675060
aftersales-uk@viessmann.com

Spares

01952 675013
spares-uk@viessmann.com

Technical Pre-sales

01952 675039
presales-uk@viessmann.com

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