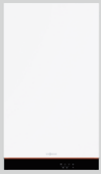
PRODUCT GUIDE

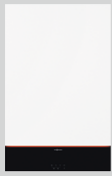
Our comprehensive range of cutting edge heating and climate technology

Product range at a glance

VITODENS COMBI BOILERS

025-W


050-W


100 / 111-W

200-W

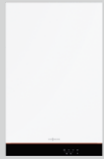
VITODENS SYSTEM BOILERS

050-W

100-W

200-W

VITODENS HEAT ONLY BOILERS


100-W Heat only

AIR SOURCE HEAT PUMPS

Vitocal 150/151-A

Vitocal 150/151-A

Vitocal 200-A Pro
R407C / GWP 1774

Vitocal 250-A Pro
R290 / GWP 0.02

COMMERCIAL PRODUCTS

Vitodens 200-W

Vitocrossal 100

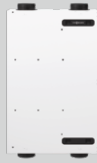
Vitocrossal CI3

ELECTRIC PRODUCTS

Vitotron 100 Boiler

Vitovolt Solar PV

Vitovent 300-C MVHR


Vitoair FS MVHR

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Become a Viessmann installer

About Us

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.

Experience, quality and innovative strength.

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 Technology

Lambda Pro

Lambda Pro fully automatic combustion controller. It automatically adapts to all gas types (NG, LPG, LNG) and ensures consistently clean and efficient combustion.
Extremely quiet in operation, it controls gas and air independently based on flame quality.

Heat Exchanger

Inox-Radial heat exchanger made of stainless steel: Efficient and durable stainless steel makes all the difference. The corrosion resistant Inox-Radial heat exchanger made of stainless steel is at the heart of Vitodens boilers. It converts the energy used into heat with exceptional efficiency. Virtually loss-free, with an ERP efficiency 92% (Class A). All of this is combined with the safety of the exceptionally durable, high-quality stainless steel.

Inox-Radial stainless steel heat exchanger

Matrix burner

The heart of your heating system. The new MatriX-Plus burner ranks above all others with its efficient operation as well as low operating costs, along with its low pollutant and noise emissions. The special stainless steel MatriX surface is not sensitive to high temperatures and thus provides for reliable performance and a long service life.

MatriX-Plus burner

VIESSMANN
ONE BASE

Seamless system networking with digital services

THE ADVANTAGES AT A GLANCE

+ **Comfort** Control the home energy system conveniently via app – at anytime, from anywhere
+ **Efficiency** Particularly efficient, cost effective operation through networking and optimisation of energy floes
+ **Safety** Automatic notification of system irregularities, together with online troubleshooting capability
+ **Future viability** Future integration of all desired digital services, upgrades and product extensions such as PV with electricity storage and wallbox for e-mobility

Loyalty Programme

V Plus

REWARD CATEGORIES

+ Tools
+ Workwear
+ Gifts and experiences
+ Office equipment

WHAT IS VPLUS?

The Viessmann VPlus installer loyalty programme rewards you with points for each and every registration of a product completed via the installer portal.

You can spend your points on a wide range of items that we have put together exclusively for you and we're constantly expanding the rewards available.

WHAT CAN I SPEND MY POINTS ON?

You have a variety of valuable rewards to choose from, including tools, office equipment, and branded merchandise.

Whether you're into the latest tech from iPads, TVs, and games consoles, some stylish workwear to help you stand out from the crowd, or even helpful office equipment to help your business.

Just go to our VPlus Shop to take a look at all of the rewards available.

Find out more

Apps & Tools

VIESSMANN PRE-SALES SERVICE

A central source of knowledge.
Through commitment to people, systems and technology, we lead the way in providing value to our customers by producing energy efficient and sustainable heating and power solutions for commercial and industrial applications.

VIBOOKS

ViBooks serves as a central document retrieval system and currently offers access to over 30,000 documents, including the following:

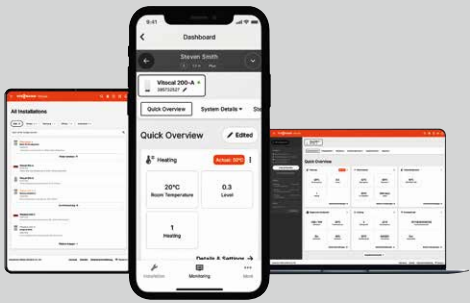
- Technical guides/datasheets
- Pricelists/price sheets
- Installation/service instructions
- Vitoset documents
- Printed marketing documents
- and many more

CAD/BIM LIBRARY

An application found in the Partner Portal providing the CAD data of our product range in different views. Also in 3D.

VIGUIDE

Our service app for installers and trade partners. Remotely monitor all of your customers' systems from anywhere at any time.



ViGuide

VIESSMANN ACCESS

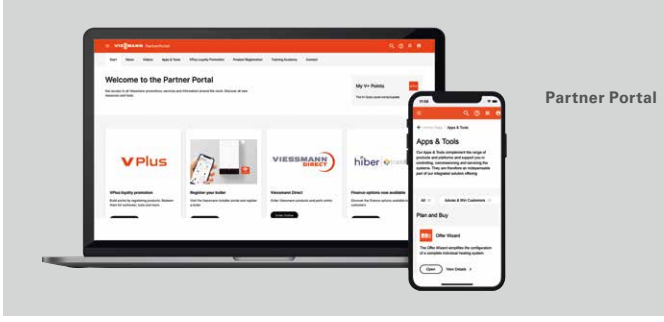
However, if you would like the support of a manufacturer while you become more experienced initially, Viessmann offers an MCS umbrella scheme called 'Viessmann Access' to allow non MCS-accredited installers who want to fit air source heat pumps, or Micro CHP, the opportunity to offer access to government funding to their customers without the commitment of MCS membership.

Access to the umbrella scheme is for Viessmann-trained installers only. To become a trained installer for the heating system of your choice, please contact Viessmann's Training Academy.

PARTNER PORTAL

The information centre for Viessmann installers.
Get access to all Viessmann services and information around the clock. Discover the VPlus loyalty programme, plus all new resources and tools.

All essential information can be found at a glance on the Viessmann Partner Portal.



Partner Portal

VIESSMANN INSTALLER PORTAL

The Viessmann Installer Portal allows you to register Viessmann products and complete our online training courses, all from your phone.

With just a few taps, you can:

- Download warranty documents and send them to your customers
- Book onto a Viessmann training course
- Manage your team with a Managers' Account

Vitodens Range Overview

		025-W
		Combi 24 – 28 kW
Product overview	Heating circuits	1
	ERP Rating	92%
	Modulation range	1:5
	Gas	NG
	Noise Level	<51dB
	Display	LCD display with buttons
	Integrated filling loop	Yes
	Combustion Control	Pneumatic
Control options	Viessmann	No
	OpenTherm	Yes
	Third Party	Volt free contact
	Weather Compensation	Yes* (Accessory available)
Digitalservices	WiFi inside	No
	End User App	No
	Installer App	No
Warranty	Standard Warranty	5 years
	Heat Exchanger Warranty	10 years

050-W	100-W	200-W
Combi 25 – 35 kW System 19 – 25 kW	Combi 26 –30 – 35 kW System 11 – 19 – 25 – 32 kW	Combi 30 – 35 kW System 11 – 19 – 25 – 32 kW
1	2	4
92%	94%	96%
1:8	1:10	1:17
NG/LPG	NG/LPG	NG/LPG
<53dB	<48dB	<48dB
Digital display with touchscreen	Digital display with touchscreen	Digital display with touchscreen
Yes	Yes	No
Lambda control	Lambda control	Lambda control
Vitotrol 100-E	Vitotrol 100/200-E	Vitotrol 200/300-E
Yes	Yes	Yes
230 V switch live	230 V switch live	230 V switch live
Yes* (Accessory available)	Yes* (Accessory available)	Yes* (Included)
ONE BASE	ONE BASE	ONE BASE
ViCare	ViCare	ViCare
ViGuide	ViGuide	ViGuide
10 years	12 years	7 years (optional 12 years)
10 years	10 years	10 years

* When installed with an outdoor temperature sensor. Vitodens 050 and 100 models may have either weather compensation or the Vitotrol 100-E, not both. Weather compensation is compatible with third party volt free on/off controls.

Residential Gas Condensing Boiler

VITODENS 025-W COMBI

Vitodens 025-W		Gas condensing combi boiler	
Part number		7098278	7098279
Rated heat output			
50/30°C	kW	21.2	25
80/60°C	kW	19.2	22.7
Dimensions			
Depth	mm	300	300
Width	mm	400	400
Length	mm	700	700
Weight	kg	34	34
Flue gas connection	Ø mm	60	60
Ventilation air connection	Ø mm	100	100
DHW output	kW	24	28
DHW flow rate (ΔT 35°C)	l/min	10	12
Energy efficiency class		A	A

5 years standard warranty

Pre-commissioned

Easy operation

Compact dimensions

Stainless steel heat exchanger

MatriX-Plus burner

Residential Gas Condensing Boiler

VITODENS 050-W COMBI / SYSTEM

Vitodens 050-W		Gas condensing combi and system boiler		
Part number				
Combi boiler		7228601	7228602	7228604
System boiler		7228605	7228606	
Rated heat output				
50/30°C	kW	3.2 – 19.0	3.2 – 25.0	3.2 – 32.0
80/60°C	kW	2.9 – 17.1	2.9 – 22.4	2.9 – 29.3
Continuous DHW output	kW	26.3	30.9	34.4
Dimensions				
Depth	mm	300	300	300
Width	mm	400	400	400
Length	mm	700	700	700
Weight	kg	35	35	37
Flue gas connection	Ø mm	60	60	60
Combustion air connection	Ø mm	100	100	100
DHW flow rate (ΔT 35°C)	l/min	10.2	12.2	14.3
Energy efficiency class		A	A	A
		A	A	A

Vitodens 050-W are tested and approved for natural gas and LPG according to EN 15502.
No conversion kit required for LPG.
The Vitodens 050-W combi boiler includes an integral instantaneous water heater for DHW heating.

10 years standard warranty

WiFi inside

Easy operation

Compact dimensions

Stainless steel heat exchanger

MatriX-Plus burner with Lambda Pro

Residential Gas Condensing Boiler

VITODENS 100-W COMBI / SYSTEM

Vitodens 100-W			Gas condensing system and combi boiler		
Part number					
Combi boiler			7228589	7228590	7228591
System boiler		7228593	7228594	7228595	7228596
Rated heat output					
50/30°C	kW	3.2 – 11.0	3.2 – 19.0	3.2 – 25.0	3.2 – 32.0
80/60°C	kW	2.9 – 10.1	2.9 – 17.5	2.9 – 23.0	2.9 – 29.3
Dimensions					
Depth	mm	360	360	360	360
Width	mm	400	400	400	400
Length	mm	700	700	700	700
Weight	kg	33	33	33	33
DHW flow rate (ΔT 35°C)	l/min	–	10	12	14
Continuous DHW output	kW	–	26.3	30	34.4
Flue gas connection	Ø mm	60	60	60	60
Ventilation air connection	Ø mm	100	100	100	100
Energy efficiency class		A	A	A	A
		A	A	A	A

The Vitodens 100-W combi boiler includes an instantaneous water heater DHW heating.

12 years standard warranty

WiFi inside

Easy operation

Compact dimensions

Stainless steel heat exchanger

MatriX-Plus burner with Lambda Pro

Residential Gas Condensing Boiler

VITODENS 111-W STORAGE COMBI

Vitodens 111-W			Gas condensing boiler
Part number			
Storage combi boiler		ZK06239	ZK06240
Rated heat output			
50/30°C	kW	3.2 – 25.0	3.2 – 32.0
80/60°C	kW	2.9 – 23.0	2.9 – 29.3
Dimensions			
Depth	mm	500	500
Width	mm	600	600
Length	mm	950	950
Weight	kg	68	68
DHW flow rate (ΔT 35°C)	l/min	17.03	18.08
DHW storage capacity	litres	46	46
Continuous DHW output	kW	30.3	33.9
Flue gas connection	Ø mm	60	60
Ventilation air connection	Ø mm	100	100
Energy efficiency class		A	A
		A	A

Vitodens 100-W/111-W are tested and approved for natural gas and LPG in accordance with EN 15502. For deviating nominal heat output when operating with liquid gas or for use in multiple occupancy, see planning instructions

7 years standard warranty

WiFi inside

Easy operation

Compact dimensions

Stainless steel heat exchanger

MatriX-Plus burner with Lambda Pro

Residential Gas Condensing Boiler

VITODENS 200-W SYSTEM / COMBI

Vitodens 200-W			Gas condensing system boiler and combi boiler			
Product type			System boiler	System boiler	System/ Combi boiler	System/ Combi boiler
Part number			Z020311	Z020312	Z020313	Z020314
Rated heat output						
50/30°C		kW	1.9 – 11.0	1.9 – 19.0	1.9 – 25.0	1.9 – 32.0
80/60°C		kW	1.7 – 10.1	1.7 – 17.4	1.7 – 22.9	1.7 – 29.3
Dimensions						
Depth		mm	360	360	360	360
Width		mm	450	450	450	450
Length		mm	700	700	700	700
Continuous DHW output		kW	–	–	31.5	35.4
Dry weight	**B2HF**	kg	33	33	33	33
	B2KF	kg	–	–	34.5	34.5
Flue gas connection		Ø mm	60	60	60	60
Ventilation air connection		Ø mm	100	100	100	100
DHW flow rate (ΔT 35°C) B2KF		l/min	–	–	12	14
Energy efficiency class			A	A	A	A
			A	A	A	A

These products are tested and approved for natural gas and liquid gas according to EN 15502.

7 years standard warranty

WiFi inside

Easy operation

Compact dimensions

Stainless steel heat exchanger

MatriX-Plus burner with Lambda Pro

Residential Gas Condensing Boiler

VITODENS 222-F STORAGE COMBI

Vitodens 222-F			Gas condensing boiler	
Part number		Z020317	Z020318	Z020319
Rated heat output				
50/30°C	kW	1.9 – 19.0	1.9 – 25.0	1.9 – 32.0
80/60°C	kW	1.7 – 17.4	1.7 – 22.9	1.7 – 29.3
Dimensions				
Depth	mm	595	595	595
Width	mm	600	600	600
Length	mm	1400	1400	1400
Dry weight	kg	111.5	111.5	111.5
DHW storage capacity				
DHW cylinder	litres	100	100	100
Continuous DHW output	kW	19.7	26.5	32.5
Flue gas connection	Ø mm	60	60	60
Ventilation air connection	Ø mm	100	100	100
DHW flow rate (ΔT 35°C)	l/min	16.4	19.6	21.6
Energy efficiency class		A	A	A
		A	A	A

These products are tested and approved for natural gas and liquid gas according to EN 15502.
Hot water output power for domestic hot water heating from 10 °C to 45 °C.

7 years standard warranty

WiFi inside

Easy operation

Compact dimensions

Stainless steel heat exchanger

MatriX-Plus burner with Lambda Pro

Residential Gas Condensing Boiler

VITODENS 100-W HEAT ONLY

Vitodens 100-W					Gas condensing boiler	
Part number		7228607	7228608	7228609	7228610	7228611
Rated heat output						
50/30°C	kW	3.2 – 11.0	3.2 – 16.0	3.2 – 19.0	3.2 – 25.0	3.2 – 32.0
80/60°C	kW	2.9 – 9.9	2.9 – 14.4	2.9 – 17.0	2.9 – 22.5	2.9 – 30.0
Dimensions						
Depth	mm	285	285	285	285	340
Width	mm	375	375	375	375	375
Length	mm	600	600	600	600	600
Weight	kg	23	23	23	23	26
Flue gas connection	Ø mm	60	60	60	60	60
Ventilation air connection	Ø mm	100	100	100	100	100
Energy efficiency class		A	A	A	A	A
		A	A	A	A	A

12 years standard warranty

WiFi inside

Easy operation

Compact dimensions

Stainless steel heat exchanger

MatriX-Plus burner with Lambda Pro

Flue Accessories

Product code	Description	Diameter (mm)
7946886	Standard 1m horizontal flue kit (reduced height flue elbow)	60/100
7946888	Flue plume diverter D=60 *Can only be purchased in combination with 7946886	
7946889	Plume management kit – 1m pipe, 2 bends	
7411961	Telescopic flue kit (not suitable for VITODENS 222-F)	60/100
7373230	Vertical flue terminal	60/100
7373223	0.5m flue extension pipe	60/100
7373224	1m flue extension pipe	60/100
7373225	1.95m flue extension pipe	60/100
7667546	2.95m flue extension pipe c/w 3 sets wall bracket	60/100
7373226	87° balanced flue elbow	60/100
7373227	45° flue elbow (pair)	60/100
7176762	Flue mounting clip Ø	100
7337276	Terminal guard to suit standard flue	
7373238	Plume management kit only applicable for flue kit 7441467 & 7411961	60
7373266	Flue bend 45° (pair black)	60
7373267	Flue bend 87°	60
7373268	Plume kit 1 m flue extension	60
7246572	Fixing clamps (1 piece)	60
7452499	Adjustable pitched roof flashing Ø 125 black	60/100
7452500	Adjustable pitched roof flashing Ø 125 red	60/100
7426187	Flat roof flashing Alu D=125 H=250 S	
ZK00028	Chimney flue kit 12.5m / room sealed (for longer lengths please check as may need to upgrade)	60/100
ZK00029	Chimney flue kit 12.5m / open flued (for longer flue lengths upgrade)	60/100
ZK05976	Flue gas backflow protection DN80	
7590109	Open flued water protection cap	
7373240	Flue adaptor increaser (60/100 to 80/125)	60/100 – 80/125
7248207	Flue 60mm flexible pipe 25m roll	
7248206	Flue 60mm flexible pipe standard shaft pack *Above includes support bend, support rail, shaft cover and spacers (5 pieces)	
7190560	60mm flexible pipe spacers (5 pieces)	
7176728	Vent bezel (1 piece)	
7373214	1m x 60mm pipe extension	
7373215	0.5m x 60mm pipe extension	
7248212	Pipe lowering attachment (includes 25m rope)	

Access the spare parts app here

Light-Commercial Boiler

VITODENS 200-W

Part number			
Constant temperature		B2HAI35	B2HAI36
Weather compensated		B2HAI41	B2HAI42
When operating with natural gas			
T_F/T_R = 50/30°C	kW	12.0 -49.0	12.0 -60.0
T_F/T_R = 80/60°C	kW	10.9 -45.0	10.9 -55.2
Gas supply pressure			
Natural gas	mbar	17	17
LPG	mbar	32	32
Max. permissible gas supply pressure[*1]			
Natural gas	mbar	25.0	25.0
LPG	mbar	57.5	57.5
Sound power level (Details to EN ISO 15036-1)			
At partial load	dB(A)	39	39
At rated heating output	dB(A)	58	67
Weight	kg	65	65
Heat exchanger capacity	litres	7.0	7.0
Max. flow temperature	°C	81	81
Max. flow rate Limit for the use of hydraulic separation	l/h	3500	3500
Nominal circulation water volume at 80/60°C	l/h	1748	2336
Permiss. operating pressure	bar	4	4
	MPa	0.4	0.4
Dimensions			
Depth	mm	380	380
Width	mm	480	480
Length	mm	850	850

5 years standard warranty

Compact dimensions

Efficient

Durable and efficient

MatriX-Plus burner with Lambda Pro

Energy efficiency class A

B2HAI37 B2HAI43	B2HAI38 B2HAI44	B2HAI39 B2HAI45	B2HAI40 B2HAI46
20.0 -80.0 18.2 -74.1	20.0 -99.0 18.2 -90.9	32.0 -120.0 29.1 -110.9	32.0 -150.0 29.0 -136.0
17 32	17 32	17.4 32	17.4 32
25.0 42.5	25.0 42.5	25.0 57.5	25.0 57.5
39 56	39 59	40 54	40 60
83	83	130	130
12.8	12.8	15.0	15.0
81	81	85	85
5700	5700	7165	8600
3118	3909	4900	5850
4 0.4	4 0.4	6 0.6	6 0.6
530 480 850	530 480 850	690 600 900	690 600 900

Find out more

Lambda Pro Control Plus combustion controller

Modulating MatriX cylinder burner

10 year warranty option

Innovative operating concept

Residential Air Source Heat Pump

VITOCAL 150-A

Part number			
AWO-M-E-AC-AF		Z026436	Z026437
AWO-E-AC-AF			
Vitocal 150-A AWO-M-E-AC-AF		150-A04	150-A06
Voltage	V	230	230
Vitocal 150-A AWO-E-AC-AF			
Voltage	V		
Heating data according to EN 14511 A7 W35			
Rated heating output	kW	4.0	4.8
Coefficient of performance Ɛ (COP)		5.0	4.9
Output range	kW	2.1 - 4.0	2.1 - 6.0
Operating point A-7W35			
Rated heating output	kW	3.8	5.6
Cooling data according to EN 14511 A35 W18			
Cooling capacity	kW	4.0	5.0
Energy efficiency ratio (EER)		4.7	4.4
Cooling capacity max	kW	4.0	5.5
Sound power level	dB(A)	51	51
Refrigerant		R290	R290
Dimensions			
Indoor unit (l x w x h)	mm	360 x 450 x 920	
Outdoor unit (l x w x h)	mm	600 x 1144 x 841	
Weight indoor unit	kg	47	47
Weight outdoor unit	kg	62	162
Energy Efficiency at W35	%	185	180
Energy Efficiency at W55	%	140	141

5 years standard warranty

Integrated energy management system

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Z026438	Z023212 Z023215	Z023213 Z023216	Z023214 Z023217
150-A08 230	150-A10 230	150-A13 230	150-A16 230
	150-A10 400	150-A13 400	150-A16 400
5.6 4.7 2.1 - 8.0	7.3 5.0 2.6 - 12.0	8.1 4.9 3.0 - 13.4	9.1 4.9 3.3 - 14.9
6.5	9.7	11.1	12.4
6.0 3.9 6.7	9.6 4.4 14.4	11.0 4.0 15.7	13.2 3.7 17.0
51	56	56	56
R290	R290	R290	R290
	360 x 450 x 920 600 x 1144 x 1382		
47 162	47 191	47 191	47 191
175	190	178	178
137	145	141	141

Energy efficiency rating A+++

Easy operation via ViCare app

WiFi inside

Residential Air Source Heat Pump

VITOCAL 151-A

Part number			
AWOT-M-E-AC-AF		Z026961	Z026962
AWOT-E-AC-AF			
Vitocal 151-A AWOT-M-E-AC(-AF)		150-A04	150-A06
Voltage	V	230	230
Vitocal 151-A AWOT-E-AC(-AF)			
Voltage	V		
Performance data heating according to EN 14511			
Nominal heat output			
Operating point A7/W35	kW	4.0	4.8
Operating point A-7/W35	kW	3.8	5.6
Heating data according to EN14511 A7/W35			
Nominal heat output			
Coefficient of performance ε (COP) in heating mode		5.0	4.9
Output range	kW	2.1 - 4.0	2.1 - 6.0
Sound power level	dB(A)	51	51
Refrigerant		R290	R290
DHW storage capacity	litres	190	190
Cooling data according to EN 14511 A35 W18			
Cooling capacity	kW	4.0	5.0
Energy efficiency ratio (EER)		4.7	4.4
Cooling capacity max	kW	4.0	5.5
Dimensions			
Indoor unit (l x w x h)	mm	597 x 600 x 1900	597 x 600 x 1900
Outdoor unit (l x w x h)	mm	600 x 1144 x 841	600 x 1144 x 841
Weight indoor unit	kg	170	170
Weight outdoor unit	kg	162	162

5 years standard warranty

Integrated energy management system

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Z026963	Z024620 Z024623	Z024621 Z024624	Z024622 Z024625
150-A08 230	151-A10 230	151-A13 230	151-A16 230
	400	400	400
5.6 6.5	7.3 9.7	8.1 11.1	9.1 12.4
4.7 2.1 - 8.0	5.0 2.6 - 12.0	4.9 3.0 - 13.4	4.9 3.3 - 14.9
51	56	56	56
R290	R290	R290	R290
190	190	190	190
6.0 3.9 6.7	9.6 4.4 14.4	11.0 4.0 15.7	13.2 3.7 17.0
597 x 600 x1900 600 x 1144 x 841	597 x 600 x1900 600 x 1144 x 1382	597 x 600 x 1900 600 x 1144 x 1382	597 x 600 x 1900 600 x 1144 x 1382
170 162	170 191	170 191	170 191

Energy efficiency rating A+++

Easy operation via ViCare app

WiFi inside

Integral DHW cylinder

Residential Air Source Heat Pump

VITOCAL 200-A

Vitocal 200-A	Type	AWO-M / AWO-M-E-AC	
		201.A04	201.A06
Part number			
AWO-M		Z015201	Z015202
AWO-M-E-AC		Z015192	Z015193
Voltage	V	230	230
Heat performance date after EN 14511			
A7/W35, spread 5 K	kW	4.0	4.8
Coefficient of Performance ε (COP)		4.6	4.7
Output	kW	3.2 - 5.7	3.8 - 6.6
Heat performance date after EN 14511			
A-7/W35, spread 5 K	kW	3.8	5.6
Coefficient of Performance ε (COP)		2.9	2.7
Outdoor unit dimensions			
Length	mm	546	546
Width	mm	1109	1109
Height	mm	753	753
Indoor unit dimensions			
Length (depth) x width x height	mm	370 x 450 x 880	
Weight			
Outdoor unit	kg	102	102
Internal unit type AWO-M, AWO	kg	40	40
Internal unit type AWO-ME-AC, AWO-E-AC	kg	41	41
Refrigerant		R410A	R410A
Energy Efficiency Class			
According to EU regulation Nr. 811/2013			
– Low temperature Application (W35)		A++	A++
– Medium temperature Application (W55)		A+	A++

5 years standard warranty

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

201.A08	201.A010	201.A13	201.A16
Z015203 Z015194	Z015204 Z015195	Z015205 Z015196	Z015206 Z015197
230	230	230	230
5.6 4.7 4.6 - 8.5	7.0 4.7 5.0 - 12.6	7.85 4.7 5.0 - 13.7	8.64 4.5 5.5 - 14.3
6.7 2.9	8.7 3.1	9.5 3.1	11.3 2.8
546 1109 753	546 1109 1377	546 1109 1377	546 1109 1377
	370 x 450 x 880		
103 40 41	145 40 41	145 40 41	145 40 41
R410A	R410A	R410A	R410A
A+++ A++	A+++ A++	A+++ A++	A+++ A++

Energy efficiency rating A+++

Easy operation via ViCare app

Residential Air Source Heat Pump

VITOCAL 222-A

Vitocal 222-A	Type	AWOT-M-E / AWOT-M-E-AC	
		221.A04	221.A06
Part number		Z017303	Z017304
Voltage	V	230	230
Heat data EN 14511 A2/W35	kW	2.61	3.11
Coefficient of performance Ɛ (COP)		3.57	3.78
Output	kW	2.0 - 4.1	2.4 - 5.5
Heat data EN 14511 A7/W35	kW	3.96	4.83
Coefficient of performance Ɛ (COP)		4.56	4.72
Output	kW	2.4 - 4.2	3.0 - 6.0
Heat data EN 14511 A7/W35	kW	3.81	5.7
Coefficient of performance Ɛ (COP)		2.91	2.91
Cooling data EN 14511 A5/W18			
Rating cooling capacity	kW	4.0	5.0
Energy efficlient ratio (EER)		4.2	4.2
Refrigerant		R410A	R410A
DHW storage capacity	litres	220	220
Dimensions indoor unit			
Length (depth) x width x height	mm	681 x 600 x 1874	
Outdoor unit dimensions			
Length (depth)	mm	546	546
Width	mm	1109	1109
Height	mm	753	753
Weight			
Indoor unit	kg	164	164
Outdoor unit	kg	102	102

5 years standard warranty

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

221.A08	**221.A010**	**221.A13**	**221.A16**
Z017305	Z017306	Z017307	Z017308
230	230	230	230
4.04 3.96 2.8 - 7.0	5.01 3.96 4.4 - 9.6	5.92 4.01 4.8 - 10.2	6.47 3.61 5.2 - 10.7
5.62 4.7 3.5 - 7.5	7.01 4.69 5.5 - 12.6	7.85 4.72 6.0 - 13.7	8.64 4.54 6.4 - 14.3
6.67 2.89	8.69 3.14	9.5 3.07	11.03 2.83
6.0 4.3	7.0 4.1	8.2 3.95	9.2 3.8
R410A	R410A	R410A	R410A
220	220	220	220
	681 x 600 x 1874		
546 1109 753	546 1109 1377	546 1109 1377	546 1109 1377
164 103	164 145	164 145	164 145

Energy efficiency rating A+++

Easy operation via ViCare app

Integral DHW cylinder

Commercial Air Source Heat Pumps

VITOCAL 200-A PRO

Vitocal 200-A PRO	Type AWO-AC	201.A032	201.A064	204.128
Part number		Z025738	Z025739	Z025740
Heating performance data according to EN 14511 (A7/W35)				
Nominal heat output	kW	32.2	64.4	128.7
Coefficient of performance ε (COP)		4.40	4.51	4.57
Cooling performance data to EN 14511 (A35/W7)				
Nominal cooling capacity	kW	35,0	69.9	139.9
EER in cooling mode		4.2	4.83	5.23
Refrigerant		R407C	R407C	R407C
Air Volume Flow	m^3/h	6700	13500	19100
Maximum flow temperature (down to -7°C)	°C	65	65	65
Sound power level	dB(A)	69.7	69.7	71.6
Weight	kg	460	790	1850
Dimensions				
Length	mm	775	1085	2130
Width	mm	1260	780	2260
Height	mm	2115	1267	2265
Energy efficiency class*		A++/A+	A++/A++	–

2 years standard warranty

Integrated energy management system

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Commercial Air Source Heat Pumps

VITOCAL 250-A PRO

Vitocal 250-A PRO	Type	AWO-AC-AF 251.A40
Part number		Z027591
Heating performance data to EN 14511 (A7/W35)	kW	39.5
Cooling performance data to EN 14511 (A35 W7)	kW	24.1
Refrigerant		R290
Coefficient of performance ε (COP)		5.32
EER in cooling mode		5.08
Maximum flow temperature (down to -2°C)	°C	70
Power supply	3/N/PE	400 V/50 Hz
Sound power of outdoor unit as rated heating output tested with reference to EN 12102/EN ISO 3744) Assessed total sound power level at A7/W55		
– ErP	dB(A)	58.2
– Maximum	dB(A)	69.8
– Low-noise mode	dB(A)	60.9
Weight	kg	550
Dimensions		
Length	mm	1900
Width	mm	940
Height	mm	1570
Energy efficiency class		A+++/A+++

2 years standard warranty

Integrated energy management system

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Residential Ground Source Heat Pumps

VITOCAL 200-G

Vitocal 200-G (BRINE/WATER) (three-phase)	Type	BWC 201.B06	BWC 201.B08	BWC 201.B10	BWC 201.B13	BWC 201.B17
Part number		Z019166	Z019167	Z019168	Z019169	Z019170
Performance data (according to EN 14511, BO/W35°C, spread 5 K)						
Nominal heat output	kW	5.8	7.5	10.4	13.2	17.4
Coefficient of performance ε (COP) in heating mode		4.65	4.6	4.8	4.6	4.5
Maximum flow temperature	°C	65	65	65	65	65
Seasonal performance figure (SCOP) [1]		4.8	5.2	5.3	5.0	4.8
Refrigeration circuit						
Refrigerant		R410A	R410A	R410A	R410A	R410A
– Full quantity	kg	1.40	1.95	2.40	2.15	2.60
– Global warming potential (GWP) [2]		1924	1924	1924	1924	1924
– CO_2 Equivalent	t	2.7	3.8	4.6	4.1	5.0
Dimensions Length (depth) x width x height	mm	680 x 600 x 1061				
Weight	kg	145	148	152	158	165
Sound power level according to ErP (80/W35)	dB(A)	40	42	44	44	47
Energy efficiency class [3]		A+++/ A++	A+++/ A++	A+++/ A++	A+++/ A++	A+++/ A++

5 years standard warranty

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Vitocal 200-G (single-phase)	**Type**	**BWC-M 201.A06**	**BWC-M 201.A08**	**BWC-M 201.A10**
Part number		Z019173	Z019174	Z019175
Performance data (according to EN 14511, BO/W35°C, spread 5 K)	kW	5.6	5.7	9.7
Rated heating output				
COP ε in heating mode		4.1	4.4	4.3
Maximum flow temperature	°C	60	60	60
Refrigeration circuit				
Refrigerant		R410A	R410A	R410A
– Refrigerant charge	kg	1.20	1.45	1.70
– Global warming potential (GWP)		2088	2088	2088
– CO_2 Equivalent	t	2.5	3.0	3.6
Dimensions Length (depth) x width x height	mm		845 x 600 x 1049	
Weight	kg	113	117	129
Energy efficiency class*		A+++/A++	A+++/A++	A+++/A++

*Energy efficiency class as per Regulation (EU) No. 811/2013 regarding heating under average climate conditions for low (W35)/ medium temperature applications (W55)

Energy efficiency rating A+++

Easy operation via ViCare app

Residential Ground Source Heat Pumps

VITOCAL 222-G

Vitocal 222-G	Type	BWT-M221.B06	BWT-M221.B08	BWT-M221.B10
Part number		Z018438	Z018439	Z018440
Performance data (to EN 14511, B0/W35°C, 5 K spread)				
Rated heating output	kW	5.8	7.5	10.4
COP ε in heating mode		4.6	4.6	4.8
Maximum flow temperature	°C	65	65	65
Refrigerant circuit				
Refrigerant		R410A	R410A	R410A
– Refrigerant charge	kg	1.4	1.95	2.4
– Global Warming Potential (GWP)		1924	1924	1924
– CO_2 equivalent	t	2.7	3.8	4.6
Dimensions Length (depth) x width x height	mm		680 x 600 x 2000	
DHW storage capacity	litres	220	220	220
Maximum draw-off volume at draw-off temperature 40°C	litres	293	293	293
Coefficient of performance ε (COP_{wh}) for DHW heating		3.14	3.14	3.14
Weight	kg	277	282	288
Energy efficiency class*				
DHW heating:				
Draw-off profile		XL	XL	XL
Energy efficiency class		A+++/A++	A+++/A++	A+++/A++

5 years standard warranty

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Commercial Ground Source Heat Pumps

VITOCAL 300-G

Vitocal 300-G (BRINE/WATER)				
Vitocal 300-G (single stage, lead)	**Type**	**BW 301.A21**	**BW 301.A29**	**BW.301.A45**
Vitocal 300-G (2-stage, lag without own control unit)	**Type**	**BWS 301.A21**	**BWS 301.A29**	**BWS 301.AA45**
Part number				
(single stage, lead)		Z012778	Z012779	Z012780
(2-stage, lag without own control unit)		Z012781	Z012782	Z012783
Heat data EN 14511 B0 / W35°C				
Rated heating output	kW	21.2	28.8	42.8
COP ε in heating mode		4.7	4.8	4.6
Maximum flow temperature	°C	60	60	60
Refrigerant		R410A	R410A	R410A
Dimensions				
Length (depth)	mm	1085	1085	1085
Width	mm	780	780	780
Height (programming unit open)	mm	1267	1267	1267
Weight				
Type BW	kg	245	272	298
Type BWS	kg	240	267	293
Energy efficiency class*		A++/A++	A++/A++	A++/A++

5 years standard warranty

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Commercial Ground Source Heat Pumps

VITOCAL 350-G

Vitocal 350-G (BRINE/WATER)					
Vitocal 350-G (single stage, lead)	**Type**	**BW 351.B20**	**BW 351.B27**	**BW 351.B33**	**BW 351.B42**
Vitocal 350-G (2-stage, lag without own control unit)	**Type**	**BWS 351.B20**	**BWS 351.B27**	**BWS 351.B33**	**BWS 351.B42**
Part number (single stage, lead)		Z013390	Z013391	Z013392	Z013393
(2-stage, lag without own control unit)		Z013394	Z013395	Z013396	Z013397
Data EN14511 B0/W35°C					
Rated heating output	kW	20.5	28.7	32.7	42.3
COP ε in heating mode		4.8	4.9	5.0	4.8
Maximum flow temperature (5 K/12 K spread)	°C	65/70	65/70	65/70	65/70
Refrigerant		R410A	R410A	R410A	R410A
Dimensions					
Length (depth)	mm	1085	1085	1085	1085
Width	mm	780	780	780	780
Height (programming unit open)	mm	1267	1267	1267	1267
Weight					
Type BW	kg	270	285	310	315
Type BWS	kg	265	280	305	310
Energy efficiency class*		A++/A++	A++/A++	A++/A++	A++/A++

5 years standard warranty

Integrated energy management system

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Commercial Ground Source Heat Pumps

VITOCAL 300-G PRO

Vitocal 300-G Pro	Type	302.D090	302.D110	302.D140	302.D180	302.D230
Part number		Z016814	Z016815	Z016816	Z016817	Z016818
Performance to EN14511 (B0W35)						
Heat output	kW	84.9	108.7	135.3	174.9	222.2
Electrical input	kW	18.6	24.2	31.1	38.9	48.3
Coefficient of performance		4.56	4.49	4.35	4.49	4.60
Maximum flow temperature	°C	60	60	60	60	60
Refrigerant		R410A	R410A	R410A	R410A	R410A
No of compressors		2	2	2	2	2
GWP		1920	1920	1920	1920	1920
Refrigerant charge	kg	10.5	13.0	13.0	22.0	42.3
Dimensions						
Length	mm	1383	1383	1972	1972	1972
Width	mm	911	911	911	911	911
Height	mm	850	850	850	850	850
Weight	kg	680	860	1150	1250	1425

5 years standard warranty

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Commercial Ground Source Heat Pumps

VITOCAL 350-G PRO C

Vitocal 350-G Pro C	Type	352.C075	352.C100	352.C150	352.C210
Performance to EN14511 (B0W35)					
Heat output	kW	76.7	101.9	144.6	192.6
Electrical input	kW	20.5	27.6	39.5	54.9
Coefficient of performance		3.74	3.69	3.66	3.51
Output control	%	17-100	17-100	17-100	17-100
Maximum flow temperature	°C	75	75	75	75
Refrigerant		R513A	R513A	R513A	R513A
No of compressors		2	2	2	2
GWP		631	631	631	631
Refrigerant charge	kg	8.9	11.0	18.0	24.4
Dimensions Length (depth) x width x height	mm		1651 x 911 x 2367		
Weight	kg	1150	1250	1450	1650

5 years standard warranty

Heating and cooling

Highly suitable for renovation projects

Extremely quiet operation

Low running cost due to high efficiency

Commercial Gas Condensing Boilers

VITOCROSSAL 100 CIB

Vitocrossal 100						Gas condensing boiler (Type CIB)		
Part number		Z019453	Z019454	Z019455	Z019456	Z019457	Z019458	Z019459
Rated heat output								
50/30°C	kW	80	120	160	200	240	280	318
80/60°C	kW	74	110	146	184	220	258	291
Dimensions								
Length	mm	745	875	875	980	980	1090	1090
Width	mm	750	750	750	750	750	750	750
Height	mm	1650	1650	1650	1650	1650	1650	1650
Handling dimensions	Ø mm	680	680	680	680	680	680	680
Weight	kg	231	277	277	327	327	369	369
Boiler water capacity	litres	65	103	103	145	145	180	180
NOx Level*		<24mg/kWH (2 Credit Points)						
Rated heating output								
50/30°C	kW	240	320	400	480	560	636	636
80/60°C	kW	220	292	368	440	516	582	582
Dimensions								
Length	mm	875	875	980	980	1090	1090	1090
Width	mm	1500	1500	1500	1500	1500	1500	1500
Height	mm	1650	1650	1650	1650	1650	1650	1650
Weight	kg	551	551	650	651	735	735	735
NOx Level*		<24mg/kWH (2 Credit Points)						

5 years standard warranty

Modulating MatriX Cylinder burner

Pre-assembled unit

Lambda Pro combustion control

Inox - Crossal stainless steel heat exchanger

Space saving, compact dimensions

Commercial Gas Condensing Boilers

VITOCROSSAL 200 CI3

Vitocrossal 200				Gas condensing boiler (Type CI3)		
Part number		Z028217	Z028218	Z028219	Z028220	Z028221
Maximum heat output at hot water temperature 80/60°C	kW	80	115	160	240	320
Overall dimensions (including casing and boiler connections)						
Length	mm	1005	1005	1005	1212	1212
Width	mm	750	750	750	750	750
Height	mm	1630	1630	1630	1630	1630
Total weight	kg	330	330	330	400	400
Boiler body weight	kg	240	240	240	310	310
Flue gas connection	Ø mm	150	150	150	200	200

Maximum heat output at hot water temperature 80/60°C	kW	480	560	640
Overall dimensions (including casing and boiler connections)				
Length	mm	1430	1430	1430
Width	mm	750	750	750
Height	mm	1998	1998	1998
Total weight	kg	765	854	854
Boiler body weight	kg	585	620	620
Flue gas connection	Ø mm	250	250	250

5 years standard warranty

Modulating MatriX Cylinder burner

Pre-assembled unit

Lambda Pro combustion control

Inox - Crossal stainless steel heat exchanger

Space saving, compact dimensions

Commercial Gas Condensing Boilers

VITOCROSSAL 200 CRU

Vitocrossal 200		Gas condensing boiler (Type CRU)	
Part number		CRU0001	CRU0002
Rated heat output			
50/30°C	kW	133-800	167-1000
80/60°C	kW	121-727	152-909
Dimensions			
Length	mm	3187	3389
Width	mm	1060	1060
Height	mm	1676	1676
Weight	kg	1435	1492
Boiler water capacity	litres	1150	1180
NOx Level*	<24mg/kWh (2 Credit Points)		

5 years standard warranty

Modulating MatriX Cylinder burner

Inox - Crossal stainless steel heat exchanger

Space saving, compact dimensions

Commercial Gas Condensing Boilers

VITOCROSSAL 300 CR3B

Vitocrossal 300		Gas condensing boiler (Type CR3B)				
Maximum heat output at hot water temperature 80/60°C	kW	80	115	160	240	320
Overall dimensions (including casing and boiler connections)						
Length	mm	1005	1005	1005	1212	1212
Width	mm	750	750	750	750	750
Height	mm	1630	1630	1630	1630	1630
Total weight	kg	330	330	330	400	400
Boiler body weight	kg	240	240	240	310	310
Flue gas connection	Ø mm	150	150	150	200	200

Maximum heat output at hot water temperature 80/60°C	kW	480	560	640
Overall dimensions (including casing and boiler connections)				
Length	mm	1430	1430	1430
Width	mm	750	750	750
Height	mm	1998	1998	1998
Total weight	kg	765	854	854
Boiler body weight	kg	585	620	620
Flue gas connection	Ø mm	250	250	250

5 years standard warranty

Inox - Crossal stainless steel heat exchanger

Space saving, compact dimensions

Oil Condensing Boiler

VITORONDENS 200-T

Vitorondens 200-T Oil Condensing Boiler							
Rated heating output							
80/60°C	kW	18.8	22.9	27	33	40	50
50/30°C	kW	20.2	24.6	28.9	35.4	42.8	53.7
Dimensions							
Length	mm	1226	1226	1362	1362	1662	1662
Width incl. control unit	mm	500	500	500	500	500	500
Height	mm	940	940	940	940	940	940
Weight	kg	147	147	184	184	224	224

Rated heating output				
50/30°C	kW	67.6	85.8	107.8
80/60°C	kW	63	80	100
Dimensions				
Length	mm	1704	1704	1704
Width incl. control unit	mm	600	600	600
Height	mm	1149	1149	1149
Weight	kg	348	348	348

5 years standard warranty

Modulating MatriX Cylinder burner

Inox - Crossal stainless steel heat exchanger

Space saving, compact dimensions

Oil/Gas Low-Temperature Boiler

VITOMAX M60A

Vitomax M60A							
Nominal heat output	kW	700	900	1100	1300	1600	1950
Dimensions							
Length	mm	2280	2580	2530	2750	3175	3176
Width	mm	1460	1460	1555	1555	1660	1680
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

5 years standard warranty

Space saving, compact dimensions

Solar Thermal Collection

VITOSOL 100-FM SYSTEM

Vitosol 100-FM solar pack			
Vitosol 100-FM individual collector	**Type**	**SVKF Vertical**	**SVKG Vertical**
Gross area	m^2	2.18	2.23
Absorber area	m^2	2.01	2.01
Aperture area	m^2	2.02	2.02
Dimensions			
Length	mm	1056	1070
Width	mm	2066	2080
Height	mm	73	73
Weight	kg	37	38

Vitosol 100-FM Type SVKF for above roof installation and Vitosol 100-FM (Type SVKG) for roof integration.

10 years standard warranty

Quick and reliable connection

Universal mounting

High levels of solar coverage

ThemProtect absorber layer

No overheating

Solar Thermal Collection

VITOSOL 100-FM

Vitosol 100-FM flat-plate collectors			
	Type	**SV1F Vertical**	**SH1F Horizontal**
Gross area	m^2	2.51	2.51
Absorber area	m^2	2.32	2.32
Aperture surface	m^2	2.33	2.33
Dimensions			
Length	mm	1056	1058
Width	mm	2380	1056
Height	mm	72	72
Weight	kg	42	42

10 years standard warranty

Quick and reliable connection

Universal mounting

High levels of solar coverage

ThemProtect absorber layer

No overheating

Solar Thermal Collection

VITOSOL 200-FM

Vitosol 200-FM flat-plate collectors

	Type	SV2F Vertical	SH2F Horizontal	SV2G Vertical	SH2G Horizontal
Gross area	m^2	2.51	2.51	2.56	2.56
Absorber area	m^2	2.32	2.32	2.32	2.32
Aperture surface	m^2	2.33	2.33	2.33	2.33
Dimensions					
Length	mm	1056	2380	1070	2394
Width	mm	2380	1056	2394	1070
Height	mm	90	90	90	90
Weight	kg	41	41	41	41

Vitosol 200-FM Type SV2F for above roof installation and Vitosol 200-FM (Type SV2G) for roof integration.

10 years standard warranty

Quick and reliable connection

Universal mounting

High levels of solar coverage

ThermProtect automatic shutdown

No overheating

Solar Thermal Collection

VITOSOL 300-TM

Vitosol 300-TM vacuum tube collectors			
	Type	**SP3C**	**SP3C**
Absorber area	m^2	1.51	3.03
Gross area	m^2	2.36	4.62
Aperture area	m^2	1.60	3.19
Dimensions			
Length	mm	150	150
Width	mm	1053	2061
Height	mm	2241	2241
Weight	kg	39	79

10 years standard warranty

Exceptionally long service life

Easy to install

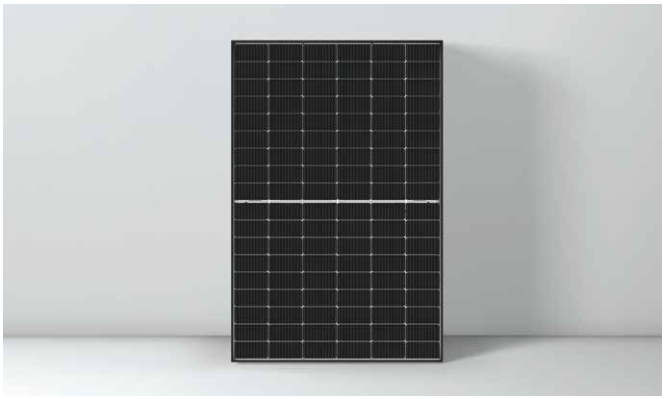
Efficient heat transfer

ThermProtect automatic shutdown

Minimised heat losses

Solar Photovoltaic Module

VITOVOLT 300



Vitovolt 300	Type	M395WK	M400WK	M405WK
Performance data under STC				
Rated output P_{max}	Wp	395	400	405
Output tolerance	W	0/+5	0/+5	0/+5
MPP voltage U_{mpp}	V	38.5	36.8	38.7
MPP current I_{mpp}	A	10.26	10.36	10.47
Open circuit voltage U_{pp}	V	46.3	46.4	46.5
Short circuit current I_{ac}	A	10.92	10.97	11.02
Module efficiency	%	20.15	20.41	20.66
Temperature coefficients				
Output	%/K	-0.34	-0.34	-0.34
Open circuit voltage	%/K	-0.27	-0.27	-0.27
Short circuit current	%/K	0.04	0.04	0.04

Vitovolt 300	Type	M395WK	M400WK	M405WK
Cell temperature at NOCT	°C	42.3	42.3	42.3
Max. System voltage	V	1500	1500	1500
Reverse current resistance	A	20	20	20

Up to 15 year product guarantee

Up to 25 year output performance

Easy to install

Solutions for self consumption

Matching system components available

High quality assurance

Residential Electric Boiler

VITOTRON 100

Vitotron 100			Supply voltage 230 V~ (single-phase)	
Part number Supply voltage 230 V (single-phase) Weather compensated Constant Temperature			Z020839 Z020841	
Nominal power	kW	4	6	8
Nominal electricity consumption	A	17.4	26.1	34.8
Minimum power cable cross-section	mm^3	3 x 2.5	3 x 4.0	3 x 6.0
Maximum power cable cross-section	mm^3	3 x 16	3 x 16	3 x 16
Pressure allowed	MPa	0.3 (3 bar)	0.3 (3 bar)	0.3 (3 bar)
Outlet temperature	°C	20 to 85	20 to 85	20 to 85
Allowed temperature	°C	100	100	100
Dimensions				
Depth	mm	235	235	235
Width	mm	316	316	316
Length	mm	716	716	716
Weight	kg	20.5	20.5	20.5
Energy efficiency class		D	D	D

2 years standard warranty

Low operating costsc

Easy to install

Automatic modulation of the heating output

Heating without fossil fuels

Operation as part of a system

Vitotron 100			Supply voltage 400 V~ 3 N (three-phase)		
Part number Supply voltage 400 V (three-phase) Weather compensated Constant Temperature				Z020840 Z020842	
Nominal power	kW	12	16	20	24
Nominal electricity consumption	A	3 x 17.4	3 x 23.1	3 x 28.8	3 x 34.6
Minimum power cable cross-section	mm^3	5 x 2.5	5 x 4.0	5 x 4.0	5 x 6.0
Maximum power cable cross-section	mm^3	5 x 16	5 x 16	5 x 16	5 x 16
Pressure allowed	MPa	0.3 (3 bar)	0.3 (3 bar)	0.3 (3 bar)	0.3 (3 bar)
Outlet temperature	°C	20 up to 85	20 up to 85	20 up to 85	20 up to 85
Allowed temperature	°C	100	100	100	100
Dimensions					
Depth	mm	235	235	235	235
Width	mm	316	316	316	316
Length	mm	716	716	716	716
Weight	kg	20.5	20.5	20.5	20.5
Energy efficiency class		D	D	D	D

DHW Cylinders

VITOCELL 100-L

DHW cylinder for DHW heating systems with cylinder loading system, cylinder capacity: 500, 750, 950, 1500 and 2000 litres.

+ Corrosion-protected cylinder
+ Additional cathodic protection
+ Low heat losses
+ Combination with condensing boilers

VITOCELL 300 B

Stainless steel DHW cylinder with two indirect coils, cylinder capacity: 300 and 500 litres

+ Corrosion-resistant cylinder
+ No additional running costs
+ The entire water content is heated
+ High DHW convenience

VITOCELL 300V

The DHW cylinder Vitocell 300-V meets the highest demands in terms of hygiene and convenience.

+ Cylinder capacity: 160 to 500 litres
+ Corrosion-resistant stainless steel cylinder
+ Low heat losses
+ High DHW convenience

Vitocell Cylinder Range

BOILER CYLINDER

High performance stainless steel cylinders

+ Capacities from 90 to 300 litres
+ 25 year cylinder warranty
+ Supplied with all safety equipment required by UK Building Regulations
+ Minimal heat loss from integral 50mm polyuretha

HEAT PUMP CYLINDER

High performance stainless steel cylinders

+ Standard cylinders from 120 to 600 litres
+ Slimline option in capacities from 150 to 200 litres
+ Combi cylinder with integrated 50 litre heating buffer from 170 to 225 litres
+ Pre-plumbed options available for fast and easy installation with Viessmann heat pumps

Hot Water Buffer Cylinders

VITOCELL 050-E EC-PRO

Cylinder for storing heating water with a cylinder capacity of 935 to 5000 litres

+ Low heat losses
+ Vitotrans 353 freshwater module
+ Available in graphite
+ Energy efficiency class C

VITOCELL - 100-E

Heating water buffer vessel with a capacity of 46 to 2000 litres

+ Low heat losses
+ Vitotrans 353 freshwater module
+ 46 litre wall-mounted stainless steel buffer
+ 200-2000 litre floor-standing steel buffer
+ Energy efficiency class B

Mechanical Ventilation System with Heat Recovery

VITOVENT 300-W

The Vitovent 300-W is a central mechanical ventilation system with heat recovery for new build projects.

+ Air flow rate: 225 to 400 m³/h
+ Heat recovery depending on type up to 92%
+ Filtration of the outdoor air
+ Intuitive operation via app

Smart Heating Controls and Accessories

VITOTROL 100-E

Radio remote control Vitotrol 100-E

The Vitotrol 100-E is a battery-powered radio remote control with integrated room temperature sensor and illuminated display. It communicates wirelessly with boilers via low-power radio and can be installed in any living space.

Part number: 7968153

VITOTROL 200-E

Vitotrol 200-E hardwired remote control unit

The Vitotrol 200-E is a hardwired remote control unit that can be installed in any living space.

Part number: Z017415

VITOTROL 100-EH

Radio remote control Vitotrol 100-EH

The Vitotrol 100-EH is a battery-powered radio remote control with integrated room temperature sensor and illuminated display. It communicates wirelessly with heat pumps via low-power radio and can be installed in any living space.

Part number: 7979559

VITOTROL 300-E

Wireless Vitotrol 300-E remote control

The Vitotrol 300-E is a high quality wireless remote control for operating the heating system that can be installed in any living space. It communicates with the heating appliance through low power radio.

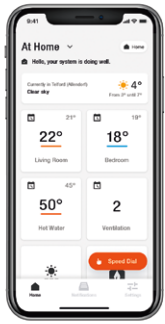
Part Number: 7959522

Smart Heating Controls and Accessories

VICARE THERMOSTAT

The ViCare wireless thermostat allows the homeowner to easily control their heating and hot water system via the ViCare app from their chosen smart device. This thermostat is only compatible with the new Vitodens 050-W, 100-W & 111-W (PlusBus) range of boilers with Wi-Fi capabilities built-in

Part number: ZK05991



Control and Monitoring Apps

VICARE APP

The Viessmann ViCare app offers new ways of controlling your customers' heating system via the internet. The design of the ViCare app's graphic interface has been kept simple, enabling completely intuitive heating system operation. This means more convenience and security, and also makes it possible to exploit potential for energy savings and thus reduce the carbon footprint of their homes.

The ViCare app provides your customer with an overview of the current heating system status. For example, you can program different switching times for each day to match your needs. The app also lets them activate Comfort mode, also known as Party mode, which extends the heating time. Then there's the Economy mode quick select option. This lets customers lower the room temperature when they're away from home for the day. They want to take a long hot bath? Just activate the "I want hot water" function.

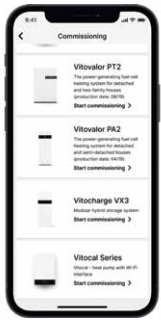
Download now

VITOCONNECT OPTO 2

Wi-Fi module for Viessmann boilers

For boilers without One Base, the Vitoconnect Wi-Fi module allows smartphone and tablet users to easily monitor and operate their Viessmann boiler, and stay in control anytime, anywhere using the ViCare app.

Part Number: ZK04789



Control and Monitoring Apps

VIGUIDE APP

Monitor your online installations remotely and deal with problems as soon as they occur. As a web application and mobile app, ViGuide is accessible anywhere, any time and on any device without needing updates.

It lets you perform a range of important tasks more efficiently, expand your portfolio of customer services and boost customer satisfaction. All you need is a heating system with a connected gateway (Vitoconnect or new electronic platform) and a customer who uses the ViCare smartphone app.

Your customers can rest assured that you always have a remote eye on their facility, ensure that it runs perfectly and can quickly rectify any problems, in some cases even before they occur.

Download now

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

Low 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

Support

ACADEMY

The Academy provides first class education on leading technologies and the latest practices to heating industry professionals. Based at the UK headquarters in Telford, Shropshire, we offer several accredited courses at competitive prices in addition to product and solution based training across multiple platforms.

Utilising training centres around the country and our successful Academy on Tour model we can bring training to your area. Check the Installer Portal for course locations and to book directly or contact your local sales team.

Our multidisciplinary team provides targeted training to installers, merchants, engineers, specifiers and consultants across domestic and commercial ranges. If you are new to the industry, undertaking an apprenticeship or interested in the decarbonisation of heating, there is a course for you.

Together we can achieve anything.

TRAINING CENTRE

1. Stockport
2. Telford
3. London Colney
4. Plymouth

Academy Courses
Renewable technologies from design to implementation
Grant funded Level 3 heat pump qualification
Gas boiler installation, commissioning and fault finding
Accredited plumbing and heating qualifications

1
2
3
4

Support

AFTER SALES

After sales

Our Customer Care team is here to help you get the best from your Viessmann product throughout its lifetime. Whatever your enquiry, simply call one of our advisors on 01952 675000 or book a visit from a Viessmann Engineer.

Technical support

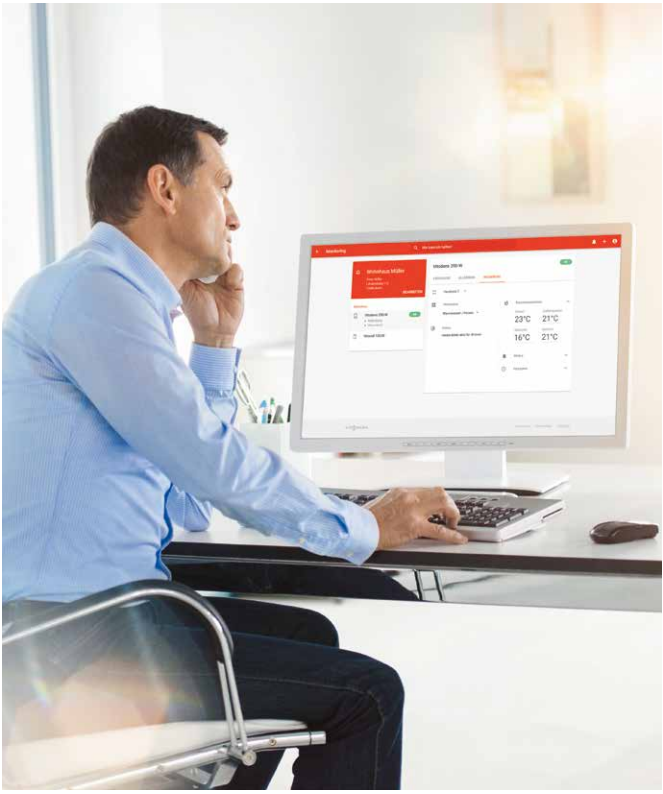
Our service does not end after the equipment has been installed. Then, there is expert support from qualified technical personnel to answer any questions about maintenance, repairs and other concerns. Customer satisfaction is our top priority!

Warranty

Viessmann is known for high quality products with a high standard of work and care for the customer. To further encourage the trust in our products and services, we offer up to 12 years warranty on some of our products.

Spare parts

The Spare Parts app is an easy, quick and efficient way for contractors, technicians and engineers to find spare parts for Viessmann products. With just a serial number, Viessmann part information is now at your fingertips!



Using the operating history in Vitoguide, it is possible to quickly identify whether boiler settings have been changed.

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Contact my local Area Sales Manager

02/2025

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