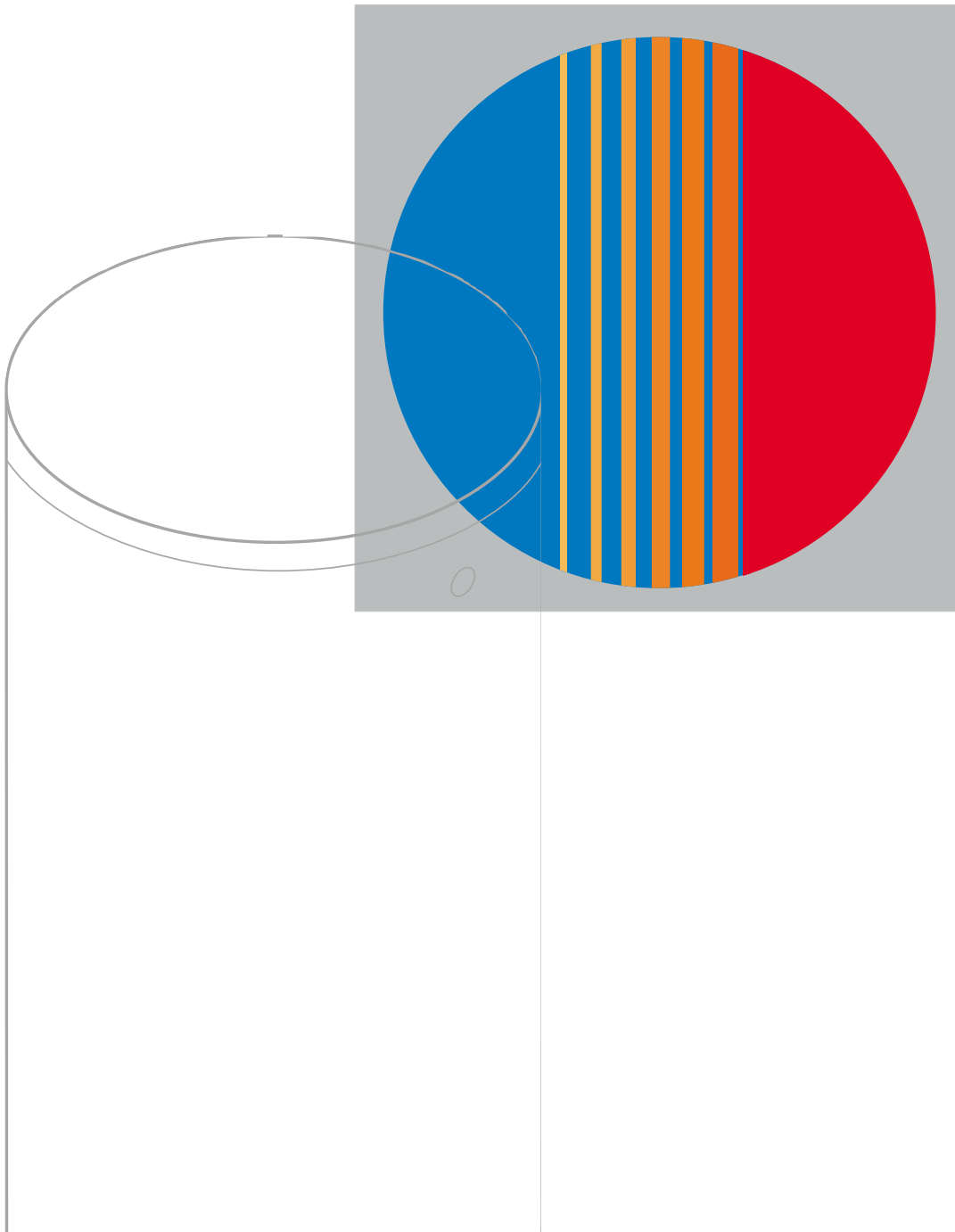


VITOCELL

DHW cylinder
with Ceraprotect enamel coating
or in stainless steel
Cylinder capacity: 80 to 1000 litres

VIESMANN





Vitocell: the right DHW cylinder for every need

The most efficient way to heat DHW is by using a boiler combined with a DHW cylinder. High draw-off rates, low standby losses and high efficiency levels result in convenience, economy and operational reliability. This speaks for the Vitocell range of DHW cylinders that provide a suitable solution for almost every need – from 80 to 1000 litres capacity, in mono or dual-mode operation, wall mounted or freestanding, under the boiler or next to it.

Matching system connections turn the boiler and DHW cylinder into one easily installed unit.

Vitocell 100

Vitocell 100 cylinders, with Ceraprotect enamel coating, meet all requirements for convenient, economical DHW heating, and are among the best selling enamelled DHW cylinders on the market. The Ceraprotect enamel coating with sacrificial anode, protects the DHW cylinder reliably and lastingly against corrosion.

Vitocell 300

Vitocell 300 DHW cylinders made from corrosion resistant stainless steel meet some of the most stringent hygiene standards. The excellent hygienic properties of stainless steel make it the professional choice in kitchens, laboratories, hospitals and in the food processing industry. Its homogeneous surface retains its hygienic properties even after many years in use.

Even heating – constant warmth

The generous dimensions of the indirect coils inside Vitocell DHW cylinders reach right to the cylinder floor. This ensures that the entire water content is heated evenly.

The indirect coils are arranged for easy commissioning and fault-free operation, in that they vent upwards and drain through the bottom.

Highly effective thermal insulation – low heat losses

Effective CFC-free polyurethane hard foam insulation ensures particularly low heat losses from the DHW cylinders.

The sheet steel casings are powder-coated without using solvents, making their production more environmentally responsible than conventional paint systems.

DHW cylinder for wall mounted boilers



VITOCELL-W 100

Cylinder capacity	litres	80
Overall dimensions		
Length (depth)	mm	473
Width	mm	500
Height	mm	850
Total weight	kg	68
Permissible primary operating pressure	bar	10



VITOCELL-W 100

Cylinder capacity	litres	120	150
Overall dimensions			
Length	mm	Ø 546	Ø 597
Height	mm	900	933
Total weight	kg	72	86
Permissible primary operating pressure	bar	10	10



¹⁾ dual-mode

VITOCELL-W 100

Cylinder capacity	litres	160	200	300	300 ¹⁾
Overall dimensions					
Length Ø	mm	581	581	633	633
Width	mm	605	605	705	705
Height	mm	1189	1409	1746	1746
Total weight	kg	86	97	151	160
Permissible primary operating pressure	bar	25	25	25	10



VITOCELL-W 300

Cylinder capacity	litres	160	200
Overall dimensions			
Length Ø	mm	633	633
Width	mm	667	667
Height	mm	1203	1423
Total weight	kg	84	98
Permissible primary operating pressure	bar	3	3

DHW cylinder (horizontal)



VITOCELL-H 100

Cylinder capacity	litres	130	160	200
Overall dimensions				
Length	mm	907	1052	1216
Width	mm	640	640	640
Height	mm	654	654	654
Total weight	kg	90	103	116
Permissible primary operating pressure	bar	10	10	10



VITOCELL-H 300

Cylinder capacity	litres	160	200	350	500
Overall dimensions					
Length	mm	1072	1236	1590	1654
Width	mm	640	640	830	910
Height	mm	654	654	786	886
Total weight	kg	76	84	172	191
Permissible primary operating pressure	bar	25	25	25	25

DHW cylinder (vertical)



VITOCCELL-V 100

Cylinder capacity	litres	125 ¹⁾	160	200	300
Overall dimensions					
Length Ø	mm	656	581	581	633
Width	mm	650	605	605	705
Height	mm	787	1189	1409	1746
Total weight	kg	82	86	97	151
Permissible primary operating pressure	bar	10	25	25	25

¹⁾ rectangular design as for Vitogas 100 (15 to 29 kW)



VITOCCELL-V 100

Cylinder capacity	litres	400 ¹⁾	500	750	1000
Overall dimensions					
Length Ø	mm	850	850	960	1060
Width	mm	898	898	1018	1118
Height	mm	1630	1955	2050	2070
Total weight	kg	190	181	280	350
Permissible primary operating pressure	bar	10	25	25	25

¹⁾ use with Vitocal heat pumps



VITOCCELL-V 300
(with peripheral indirect coil)

Cylinder capacity	litres		130	160	200
Overall dimensions					
Length Ø	mm		633	633	633
Width	mm		667	667	667
Height	mm		1111	1203	1423
Total weight	kg		77	84	98
Permissible primary operating pressure	bar		3	3	3



¹⁾

VITOCCELL-V 300

Cylinder capacity	litres		200	300	500 ¹⁾
Overall dimensions					
Length Ø	mm		581	633	923
Width	mm		649	704	974
Height	mm		1420	1779	1767
Total weight	kg		76	100	111
Permissible primary operating pressure	bar		25	25	25

¹⁾ soft PUR foam

DHW cylinder (dual-mode)



VITOCELL-B 100

Cylinder capacity	litres	300 ¹⁾	400 ²⁾	500 ²⁾
Overall dimensions				
Length Ø	mm	633	850	850
Width	mm	705	898	898
Height	mm	1746	1629	1955
Total weight	kg	160	167	205
Permissible primary operating pressure	bar	10	10	10

1) hard PUR foam 2) soft PUR foam



VITOCELL-B 300

Cylinder capacity	litres	300 ¹⁾	500 ²⁾
Overall dimensions			
Length Ø	mm	633	923
Width	mm	704	974
Height	mm	1779	1767
Total weight	kg	114	125
Permissible primary operating pressure	bar	25	25

1) hard PUR foam 2) soft PUR foam

Cylinder for storing heating water



VITOCELL 050

Cylinder capacity	litres	200	400	600	900
Overall dimensions					
Length Ø	mm	581	850	970	970
Width	mm	640	880	1029	1029
Height	mm	1409	1601	1425	2050
Total weight	kg	80	97	180	190

Heating water buffer cylinder with DHW heating



VITOCELL 333

Total capacity	litres	750
DHW	litres	42
Overall dimensions		
Length Ø	mm	960
Width	mm	1018
Height	mm	2100
Total weight	kg	190
Indirect coil solar heat exchanger	m ²	1.8



VITOCELL 353

Total capacity	litres	750
DHW	litres	42
Overall dimensions		
Length Ø	mm	960
Width	mm	1018
Height	mm	2100
Total weight	kg	190
Indirect coil solar heat exchanger	m ²	1.8

Storage cylinder

VITOCELL-L



VITOCELL-L 100

Cylinder capacity	litres	500	750	1000
Overall dimensions				
Length Ø	mm	850	960	1060
Width	mm	898	1018	1118
Height	mm	1955	2050	2070
Total weight	kg	156	212	242

Comprehensive multistage range for every application, demand and aspiration



“more than heat”

For three generations the Viessmann family business has been committed to generating heat conveniently, economically and in accordance with the prevailing demand, whilst remaining environmentally responsible.

Innovation

Over the years Viessmann has produced technological milestones for the heating equipment sector with a number of exceptional product developments and problem-solving solutions making them frequently the trend-setter and pacemaker for their entire industry.

Top quality

The use of high-grade and particularly suitable materials, in conjunction with highly developed process expertise, are of crucial importance to product quality. Viessmann has made a tradition of using the specific properties of the materials used to bring about innovative technical solutions. In this, the company has created the perfect combination of material selection and manufacturing methodology. Together with the applied knowledge of Viessmann’s employees, this creates the high quality for which Viessmann is renowned.

A comprehensive range for every demand

With the current Vitotec range Viessmann offers its customers a

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

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



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



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

comprehensive, multistage range with output from 1.5 kW to 15000 kW. This range includes freestanding and wall mounted boilers for oil and gas, either with conventional or condensing technology. Systems using renewable energy, such as heat pumps, solar heating systems and boilers for sustainable fuel supplies are available, as are control and data communication components and the entire system periphery – down to radiators and underfloor heating systems.

International presence

Viessmann's orientation is decidedly international: it maintains 10 factories in Germany, France, Canada, Poland and China, sales organisations in Germany and 33 other countries and 110 sales offices worldwide.

Responsibility, fairness and efficiency

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.

Viessmann – more than heat



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



Viessmann supports top performances in the sporting arena too



Viessmann subsidiaries: 110 worldwide

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