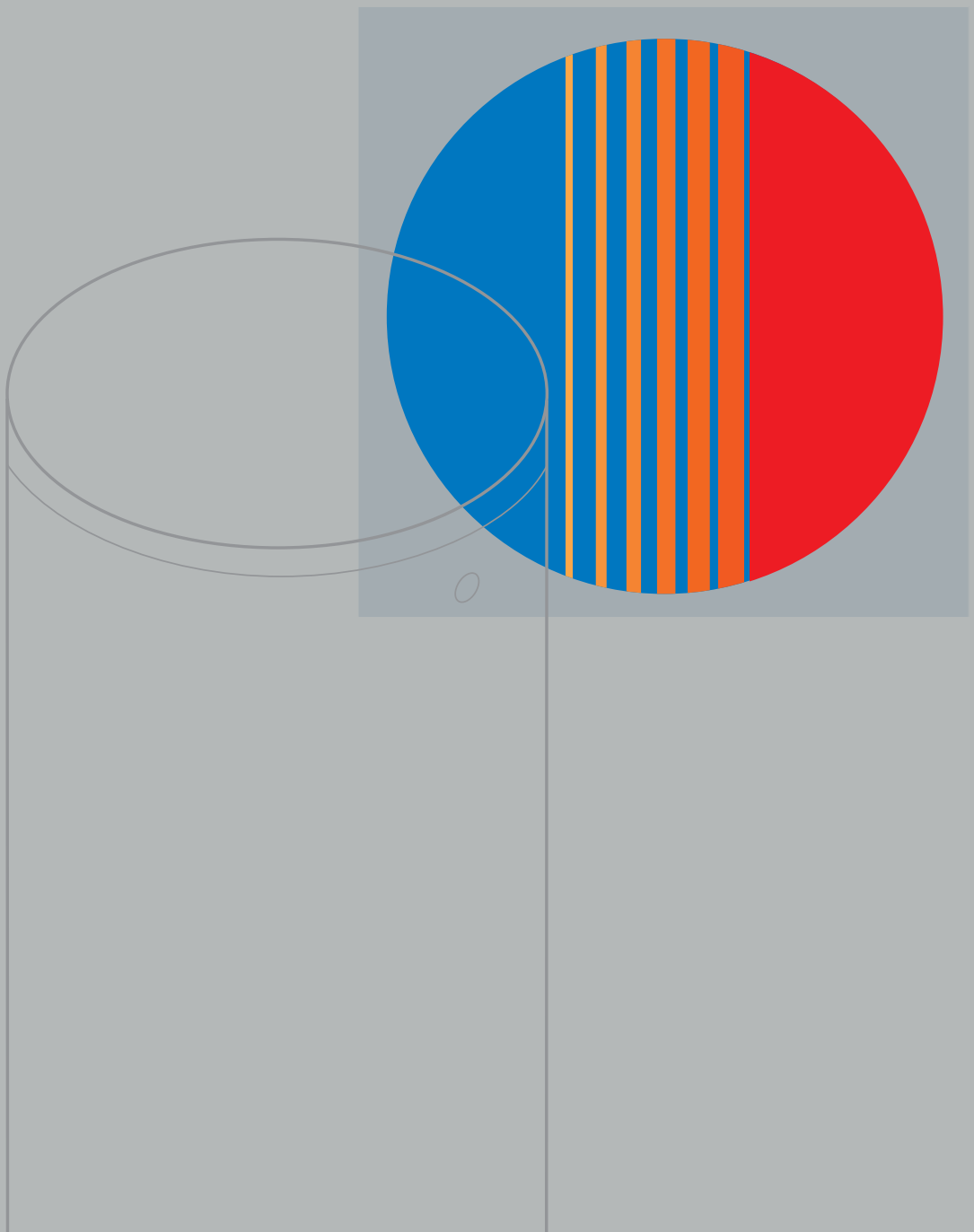
VITOCELL

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




VITOCELL 100
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The right DHW cylinders for every need: Vitocell

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

Using a matching system connection, the boiler and DHW cylinder form one unit and are quickly installed.

Vitocell 100

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

Vitocell 300

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

Even heating – constant heat

The internal indirect coils of Vitocell DHW cylinders are generously dimensioned and run right down 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 rigid foam insulation ensures particularly low heat losses from the DHW cylinders.

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

DHW cylinders for wall mounted boilers

VITOCELL 100-W

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

VITOCELL 100-W

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

VITOCELL 100-W

Cylinder capacity	litres	160	200	300	300[1)]
Overall dimensions					
Length ∅	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

1) dual-mode

VITOCELL 300-W

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

DHW cylinders (horizontal)

VITOCELL 100-H

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 300-H

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 cylinders (freestanding)

VITOCELL 100-V

Cylinder capacity	litres	125[1)]	160	200	300
Overall dimensions					
Length ∅	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)

VITOCELL 100-V

Cylinder capacity	litres	390[1)]	500	750	1000
Overall dimensions					
Length ∅	mm	850	850	960	1060
Width	mm	918	898	1046	1144
Height	mm	1629	1955	2100	2160
Total weight	kg	190	181	295	367
Permissible primary operating pressure	bar	10	25	25	25

1) use with Vitocal heat pumps

VITOCELL 300-V
(with peripheral indirect coil)

Cylinder capacity	litres	130	160	200
Overall dimensions				
Length ∅	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)

VITOCELL 300-V

Cylinder capacity	litres	200	300	500[1)]
Overall dimensions				
Length ∅	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 cylinders (dual-mode)


1)


2)

VITOCELL 100-B

Cylinder capacity	litres	300[1)]	400[2)]	500[2)]
Overall dimensions				
Length ∅	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)] rigid PUR foam [2)] soft PUR foam


1)


2)

VITOCELL 300-B

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

[1)] rigid PUR foam [2)] soft PUR foam

Cylinders for storing heating water

VITOCELL 100-E

Cylinder capacity	litres	200	400	600	900	750	1000
Overall dimensions							
Length ∅	mm	581	850	970	970	960	1060
Width	mm	640	880	1029	1029	1000	1100
Height	mm	1409	1630	1425	2050	2100	2100
Total weight	kg	80	98	180	190	153	176

Cylinders for storing heating water with connection for solar collectors

VITOCELL 140-E

Cylinder capacity	litres	750	1000
Overall dimensions			
Length ∅	mm	960	1060
Width	mm	1005	1120
Height	mm	2100	2160
Total weight	kg	179	208

VITOCELL 160-E*

Cylinder capacity	litres	750	1000
Overall dimensions			
Length ∅	mm	960	1060
Width	mm	1005	1120
Height	mm	2100	2160
Total weight	kg	187	218

* with stratification system

Dual-mode heating water buffer cylinders with DHW heating

VITOCELL 340-M

Total capacity	litres	750	1000
Heating water	litres	705	953
DHW	litres	33	33
Overall dimensions			
Length ∅	mm	954	1060
Width	mm	1005	1100
Height	mm	2100	2100
Total weight	kg	215	223
Solar heat exchanger	Litres	12	14

VITOCELL 360-M*

Total capacity	litres	750	1000
Heating water	litres	705	953
DHW	litres	33	33
Overall dimensions			
Length ∅	mm	960	1060
Width	mm	1018	1100
Height	mm	2100	2100
Total weight	kg	200	223
Solar heat exchanger	Litres	12	14

* with stratification system

Primary cylinders

VITOCELL 100-L

Cylinder capacity	litres	500	750	1000
Overall dimensions				
Length ∅	mm	850	960	1060
Width	mm	898	1046	1144
Height	mm	1955	2100	2160
Total weight	kg	156	241	312

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

VIESMANN

climate of innovation

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9446 754 - 4 GB 03/2007