

DHW heating
Heating water buffer cylinders
Freshwater modules
Heat exchangers

DHW cylinders

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Vitocell 100-H, Vitocell 300-H	10.4
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Heating water buffer cylinders

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Freshwater modules

Vitotrans 353	10.10
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Heating water buffer cylinders with integral DHW heating

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Heat exchangers

Vitotrans 100	10.13
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► See overleaf for further information

Viessmann's integrated range of solutions

Value added services				10
Digital services				
Connectivity and platforms				
Products & systems	VITOCELL 100-V	VITOCELL 100-B	VITOTRANS 353	
	VITOCELL 100-W	VITOCELL 100-E	VITOCELL 320-M	
	VITOCELL 340-M	VITOCELL 140-E	VITOTRANS 200	
	VITOCELL 360-M	VITOCELL 160-E	VITOCELL 100-L	
	VITOTRANS 100			

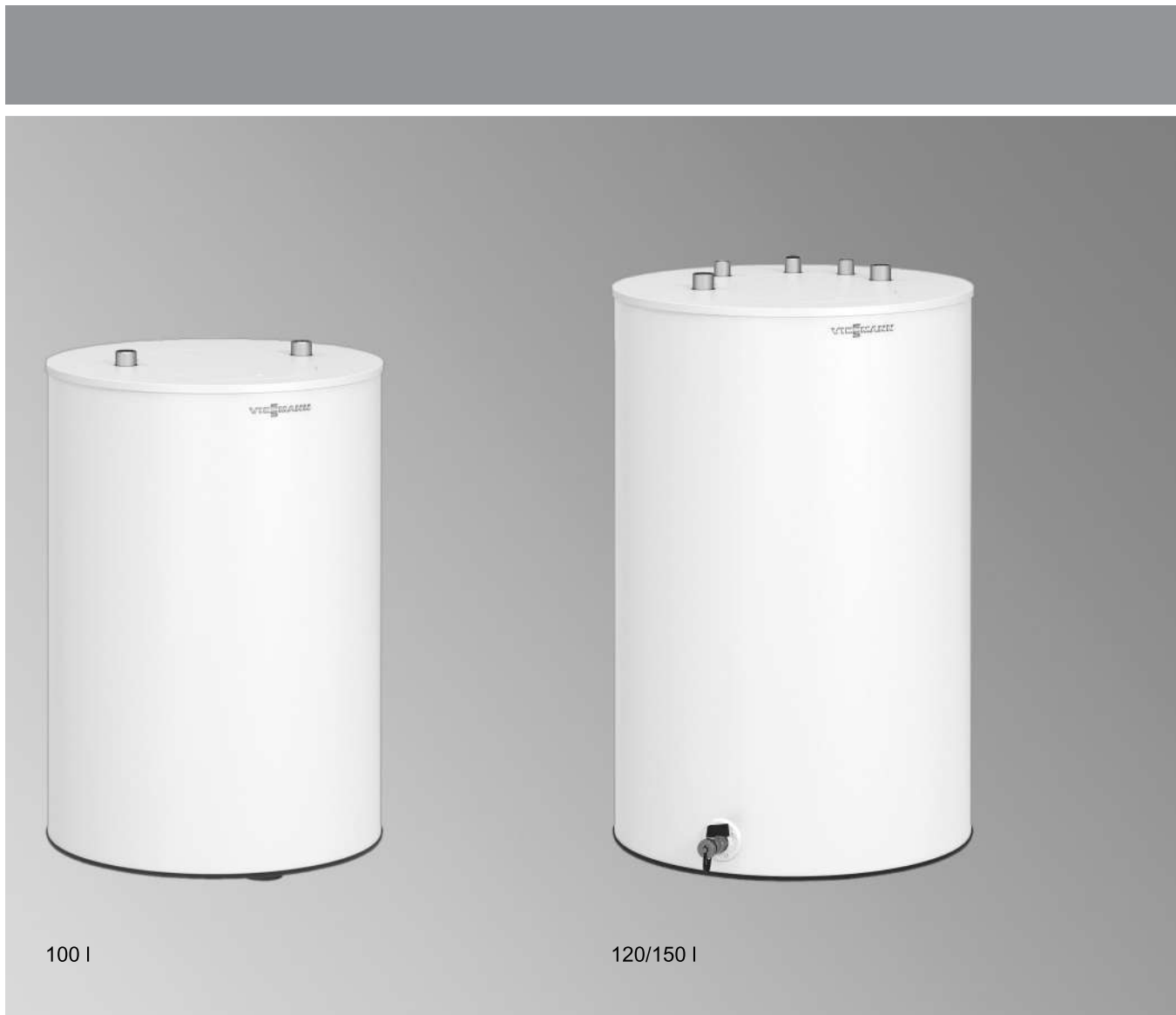
DHW cylinders	Cylinder capacity (litres)											
	120	130	150	160	200	300	350	400	500	750		950
Vitocell 100-V				●	●	●			●	●	●	10.1
Vitocell 100-W	●		●									
Vitocell 100-L with Vitotrans 222 (cylinder loading system)									●	●	●	10.5
DHW cylinders for solar thermal systems												
Vitocell 100-B						●		●	●	●	●	10.6

Heating water buffer cylinders	Cylinder capacity (litres)									
	46	200	400	600	750	910	950	1500	2000	
Vitocell 100-E	●	●	●*1	●*1	●*1		●*1	●	●	10.7
Vitocell 140-E			●	●	●		●			10.8
Vitocell 160-E with (cylinder loading system)					●		●			10.9
Freshwater modules										
Vitotrans 353 (draw-off rate 25 to 68 l/min)										10.10
Heating water buffer cylinders with integral DHW heating										
Vitocell 320-M					●	●				10.11
Vitocell 340-M			●		●*2		●*2			
Vitocell 360-M					●*2		●*2			
Heat exchangers										
Vitotrans 100 (plate heat exchanger)										10.13
Vitotrans 200 (Turbotec heat exchanger)										10.14

*1Solar-Divicon and/or Vitotrans 353 can be attached.
 *2Solar-Divicon can be attached.

VITOCELL 100-W

DHW cylinder below the heat generator for wall mounted appliances
100 to 150 litre capacity



Vitocell 100-W

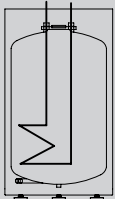
Type CUGA/CUGB/CUGB-A

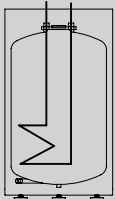
Steel DHW cylinder below the heat generator for wall mounted appliances, with Ceraprotect enamel coating

- Designed especially for DHW heating in conjunction with wall mounted appliances.
- Corrosion-protected steel cylinder with Ceraprotect enamel coating.
- Internal indirect coil stretching right down to the cylinder floor heats up the entire water content.

10.1

VITOCELL 100-W

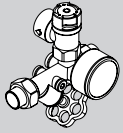

Vitocell 100-W made of steel, with Ceraprotect enamel coating	Standard thermal insulation	Capacity (litres)			MG WH
		100	120	150	
	Vitocell 100-W, Vitopearlwhite For DHW heating in conjunction with wall mounted appliances. For systems with: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 10 bar (1 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z018458 864,- ◁C	Z018459 1.079,- ◁B	Z018461 1.159,- ◁B	Part no. Euro Energy
		Specification			
Type		CUGA	CUGB	CUGB	
Length		577	582	634	mm
Width		549	582	634	mm
Height		815	929	958	mm
Weight		48	55	61	kg

Vitocell 100-W made of steel, with Ceraprotect enamel coating	Highly efficient thermal insulation Energy efficiency class A	Capacity (litres)		MG WH
		120	150	
	Vitocell 100-W, Vitopearlwhite For DHW heating in conjunction with wall mounted appliances. For systems with: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 10 bar (1 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z018460 1.243,- ◁A	Z018462 1.338,- ◁A	Part no. Euro Energy
		Specification		
Type		CUGB-A	CUGB-A	
Length		634	634	mm
Width		634	634	mm
Height		929	958	mm
Weight		58	61	kg

10.1

VITOCELL 100-W

Accessories

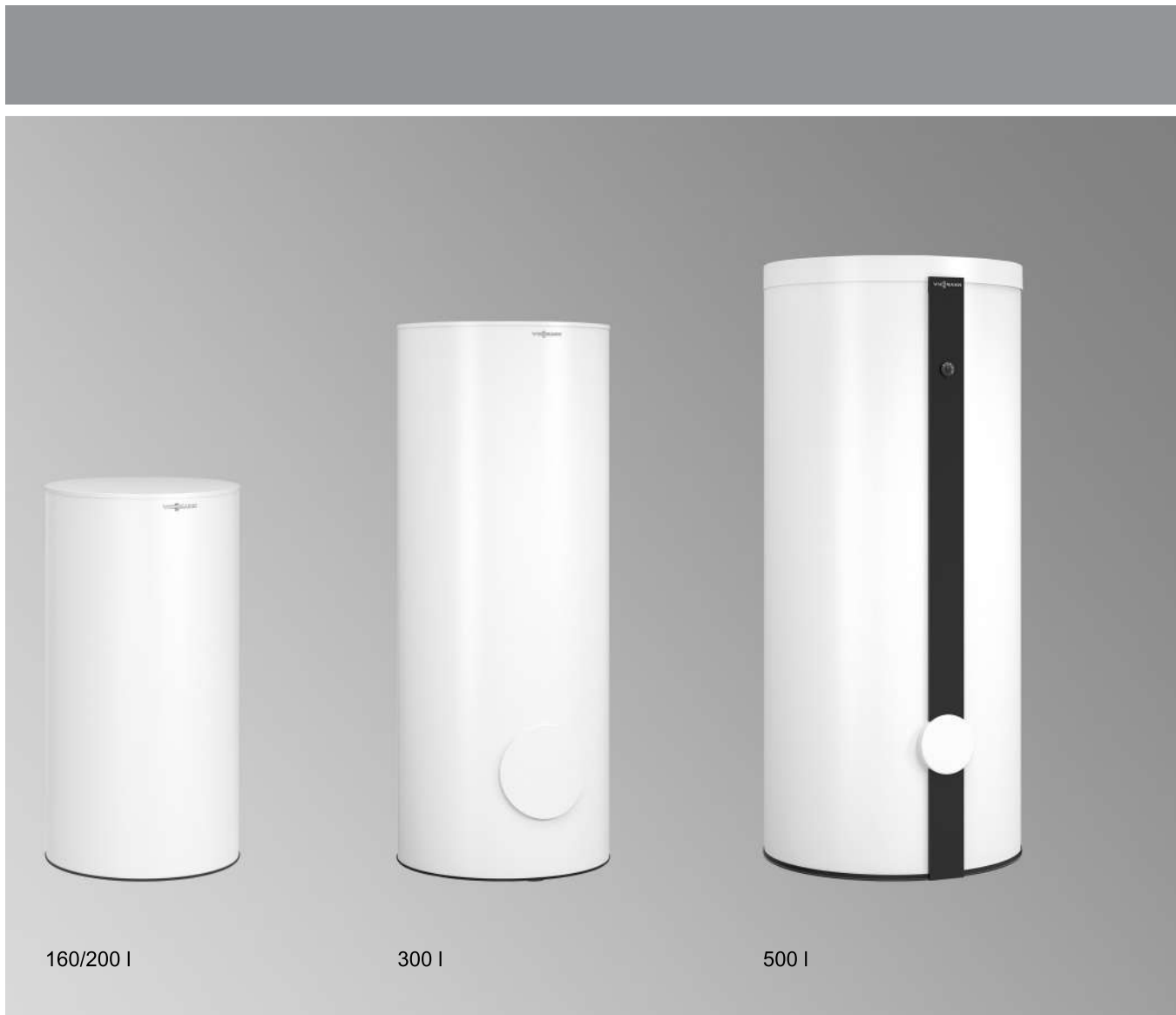
Accessories				
Accessories				
Cylinder capacity (litres)	100	120	150	MG W
Safety assembly to DIN 1988 (DN 15, R ¾) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge 	7219722 251,-	-		Part no. Euro
Safety assembly to DIN 1988 (DN 15) For surface mounting <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) 	7180097 176,-			Part no. Euro
Connection set (with connection lines) for DHW cylinder below the heat generator ► See accessories for the wall mounted appliance concerned.				
Thermometer <ul style="list-style-type: none"> ■ For wall mounting ■ Digital display of two temperatures 	ZK05265 75,-			Part no. Euro
Impressed current anode <ul style="list-style-type: none"> ■ Maintenance-free ■ In place of the protective magnesium anode supplied 	7265008 480,-			Part no. Euro
Miscellaneous				
Cylinder capacity (litres)	100	120	150	MG W
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With rigid PUR foam thermal insulation ■ Up to 300 litre capacity 	ZK05266 142,-			Part no. Euro
Immersion heater				
Cylinder capacity (litres)	100	120	150	MG W
Immersion heater EHE Heating output: 1.5 kW For installation in the Vitocell through the cylinder flange at the top. <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Flange cover ■ Gasket ■ Power cable with connection plug 	7958573 257,-	-		Part no. Euro
Immersion heater EHE Heating output: 2.2 kW For installation in the Vitocell through the cylinder flange at the top. <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Flange cover ■ Gasket ■ Power cable with connection plug 	-	7958574 618,-		Part no. Euro

10.1

10.1

VITOCELL 100-V

Floorstanding DHW cylinder
160 to 950 litre capacity



Vitocell 100-V

Type CVA/CVAA/CVAB/CVAB-A

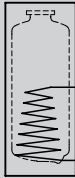
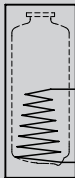
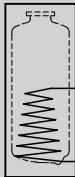
Vertical steel DHW cylinder, with Ceraprotect enamel coating

- Corrosion-protected steel cylinder with Ceraprotect enamel coating
- Additional cathodic protection via protective magnesium anode; impressed current anode available as an accessory
- Indirect coil reaching down to the cylinder floor heats the entire water content
- High DHW convenience through rapid, even heat-up via generously sized indirect coils
- Universal application - higher DHW demands can be accommodated by combining several Vitocell 100-V DHW cylinders into cylinder banks with common headers.
- An immersion heater is available on request and can also be retrofitted (from 300 l capacity).
- For easier handling, the Vitocell 100-V from 500 litre capacity is fitted with removable thermal insulation.

10.2

VITOCELL 100-V

160 to 300 litres

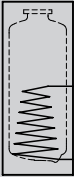
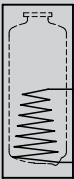
Vitocell 100-V Steel, with Ceraprotect enamel coating	Standard thermal insulation	Cylinder capacity (litres)			MG WH
		160	200	300	
	<p>Vitocell 100-V, Vitosilver For DHW heating in conjunction with boilers and district heating systems, as option with electric heater (accessory for DHW cylinders with 300 to 950 litre capacity) From 300 litre cylinder capacity with flanged aperture</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 10 bar (1.0 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z018463 1.105,- ◁B	Z018467 1.142,- ◁B	Z021911 1.464,- ◁B	Part no. Euro Energy
	<p>Vitocell 100-V, Vitopearlwhite For DHW heating in conjunction with boilers and district heating systems, as option with electric heater (accessory for DHW cylinders with 300 to 950 litre capacity) From 300 litre cylinder capacity with flanged aperture</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 10 bar (1.0 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z018464 1.105,- ◁B	Z018468 1.142,- ◁B	Z021912 1.464,- ◁B	Part no. Euro Energy
	<p>Vitocell 100-V, Vitographite For DHW heating in conjunction with boilers and district heating systems, as option with electric heater (accessory for DHW cylinders with 300 to 950 litre capacity)</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 10 bar (1.0 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z024676 1.105,- ◁B	Z024677 1.142,- ◁B	-	Part no. Euro Energy
Specification					
Type		CVAA	CVAA	CVAB	
Length		582	582	668	mm
Width		607	607	706	mm
Height		1128	1348	1687	mm
Weight		62	70	115	kg

► For the connection of the DHW cylinder up to 500 litre capacity to the boiler, system connections with circulation pump are available: see price sheet for the relevant boiler.

10.2

VITOCELL 100-V

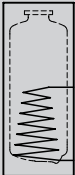
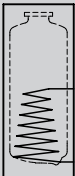
160 to 300 litres

Vitocell 100-V Steel, with Ceraprotect enamel coating	Highly efficient thermal insulation Energy efficiency class A	Cylinder capacity (litres)		MG WH
		160	200	
	Vitocell 100-V, Vitosilver For DHW heating in conjunction with boilers and district heating systems For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 10 bar (1.0 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z018465 1.243,- ◁A	Z018642 1.282,- ◁A	Part no. Euro Energy
		Z018466 1.279,- ◁A	Z018641 1.320,- ◁A	
	Vitocell 100-V, Vitopearlwhite For DHW heating in conjunction with boilers and district heating systems For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 10 bar (1.0 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z018465 1.243,- ◁A	Z018642 1.282,- ◁A	Part no. Euro Energy
		Z018466 1.279,- ◁A	Z018641 1.320,- ◁A	
Specification				
Type		CVAB-A	CVAB-A	
Length		634	634	mm
Width		637	637	mm
Height		1129	1349	mm
Weight		65	73	kg

► For the connection of the DHW cylinder up to 500 litre capacity to the boiler, system connections with circulation pump are available: see price sheet for the relevant boiler.

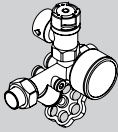
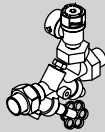

VITOCELL 100-V

500 to 950 litres

Vitocell 100-V Steel, with Ceraprotect enamel coating	Standard thermal insulation	Cylinder capacity (litres)			MG WH
		500	750	950	
	<p>Vitocell 100-V, Vitosilver For DHW heating in conjunction with boilers and district heating systems, as option with electric heater (accessory for DHW cylinders with 300 to 950 litre capacity) With flanged aperture and removable thermal insulation</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 25 bar (2.5 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z002576 2.885,- ◀B	Z015311 4.467,-	Z015312 5.881,-	Part no. Euro Energy
		Z021941 2.859,- ◀B	-	-	
	<p>Vitocell 100-V, Vitopearlwhite For DHW heating in conjunction with boilers and district heating systems, as option with electric heater (accessory for DHW cylinders with 300 to 950 litre capacity) With flanged aperture and removable thermal insulation</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 25 bar (2.5 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 				
Specification					
Type		CVA	CVAA	CVAA	
Length		859	1062	1062	mm
Width		923	1110	1110	mm
Height		1948	1897	2197	mm
Handling dimensions		650	790	790	Ø mm
Weight		181	301	363	kg

► For the connection of the DHW cylinder up to 500 litre capacity to the boiler, system connections with circulation pump are available: see price sheet for the relevant boiler.





10.2

Accessories							
Accessories	Cylinder capacity (litres)						MG W
	160	200	300	500	750	950	
Safety assembly to DIN 1988 (DN 15, R ¾) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge Max. heat input: 75 kW 	7219722 251,-		-			Part no. Euro	
Safety assembly to DIN 1988 (DN 20, R ¾) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge connector Max. heat input: 150 kW 	-		7180662 251,-			Part no. Euro	
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 			7151989 114,-			Part no. Euro	
Circulation pump for cylinder heating For boilers up to 40 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172611 460,-			Part no. Euro	
Circulation pump for cylinder heating For boilers from 40 to 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172612 534,-			Part no. Euro	
Circulation pump for cylinder heating For boilers from 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172613 1.485,-			Part no. Euro	
Impressed current anode <ul style="list-style-type: none"> ■ Maintenance-free ■ In place of the protective magnesium anode supplied 	7265008 480,-		ZK01536 729,-			Part no. Euro	
Thermometer <ul style="list-style-type: none"> ■ For wall mounting ■ Digital display of 2 temperatures 	ZK05265 75,-		-			Part no. Euro	




10.2

VITOCELL 100-V

Accessories




Accessories							
Accessories	Cylinder capacity (litres)						MG W
	160	200	300	500	750	950	
Thermometer, analogue For installation in the thermal insulation or front panel of the DHW cylinder		-		7595765 35,-	Standard delivery		Part no. Euro
Threaded elbow For the installation of a cylinder temperature sensor for solar operation		7175213 41,-		7175214 41,-		7219729 41,-	Part no. Euro
Heating lance For installation in a flanged aperture of the Vitocell For DHW heating with a heat pump via an external heat exchanger <ul style="list-style-type: none"> ■ Flange ■ Gasket ■ Colour of flange cover: black 		-	Z021944 853,-			-	Part no. Euro
Heating lance For installation in a flanged aperture of the Vitocell For DHW heating with a heat pump via an external heat exchanger <ul style="list-style-type: none"> ■ Flange ■ Gasket ■ Colour of flange cover: Vitosilver 		-		ZK00037 835,-		Z012683 837,-	Part no. Euro
Heating lance For installation in a flanged aperture of the Vitocell For DHW heating with a heat pump via an external heat exchanger <ul style="list-style-type: none"> ■ Flange ■ Gasket ■ Colour of flange cover: Vitopearl-white 		-	Z021945 840,-	Z021946 846,-		-	Part no. Euro
Fittings For boiler connection on the heating water side ► See accessories for the boiler concerned.							
Miscellaneous							
Accessories	Cylinder capacity (litres)						MG W
	160	200	300	500	750	950	
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With rigid PUR foam thermal insulation ■ Up to 300 litre capacity 		ZK05266 142,-				-	Part no. Euro
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With removable thermal insulation Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more 		-		ZK01793 302,-		-	Part no. Euro MG N

10.2

Accessories								
Immersion heater							MG W	
	Cylinder capacity (litres)	160	200	300	500	750		950
<p>Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell</p> <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: black ■ Gasket <p>For installation in the lower section of the Vitocell</p> 		-		Z021938 825,-		-		Part no. Euro
<p>Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell</p> <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitosilver ■ Gasket <p>For installation in the lower section of the Vitocell</p> 			-		Z012677 819,-	Z012678 871,-		Part no. Euro
<p>Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell</p> <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitoppearl-white ■ Gasket <p>For installation in the lower section of the Vitocell</p> 		-		Z021939 825,-	Z021940 827,-			Part no. Euro

VITOCELL 100-V

Accessories for cylinder banks

Accessories							
Immersion heater							MG W
	160	200	300	500	750	950	
<p>Immersion heater EHE Selectable heating output 4, 8 or 12 kW</p>  <p>Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell</p> <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitosilver ■ Gasket <p>For installation in the lower section of the Vitocell</p>			-			Z012682 969,-	Part no. Euro
<p>Immersion heater EHE Selectable heating output 2, 4 or 6 kW</p>  <p>Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³)</p> <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller <p>For installation in the lower section of the Vitocell in conjunction with the heating lance</p>			-			Z012684 617,-	Part no. Euro
<p>Immersion heater EHE Selectable heating output 4, 8 or 12 kW</p>  <p>Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³)</p> <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller <p>For installation in the lower section of the Vitocell in conjunction with the heating lance</p>			-			Z012687 715,-	Part no. Euro

10.2

VITOCELL 100-V

Accessories for cylinder banks

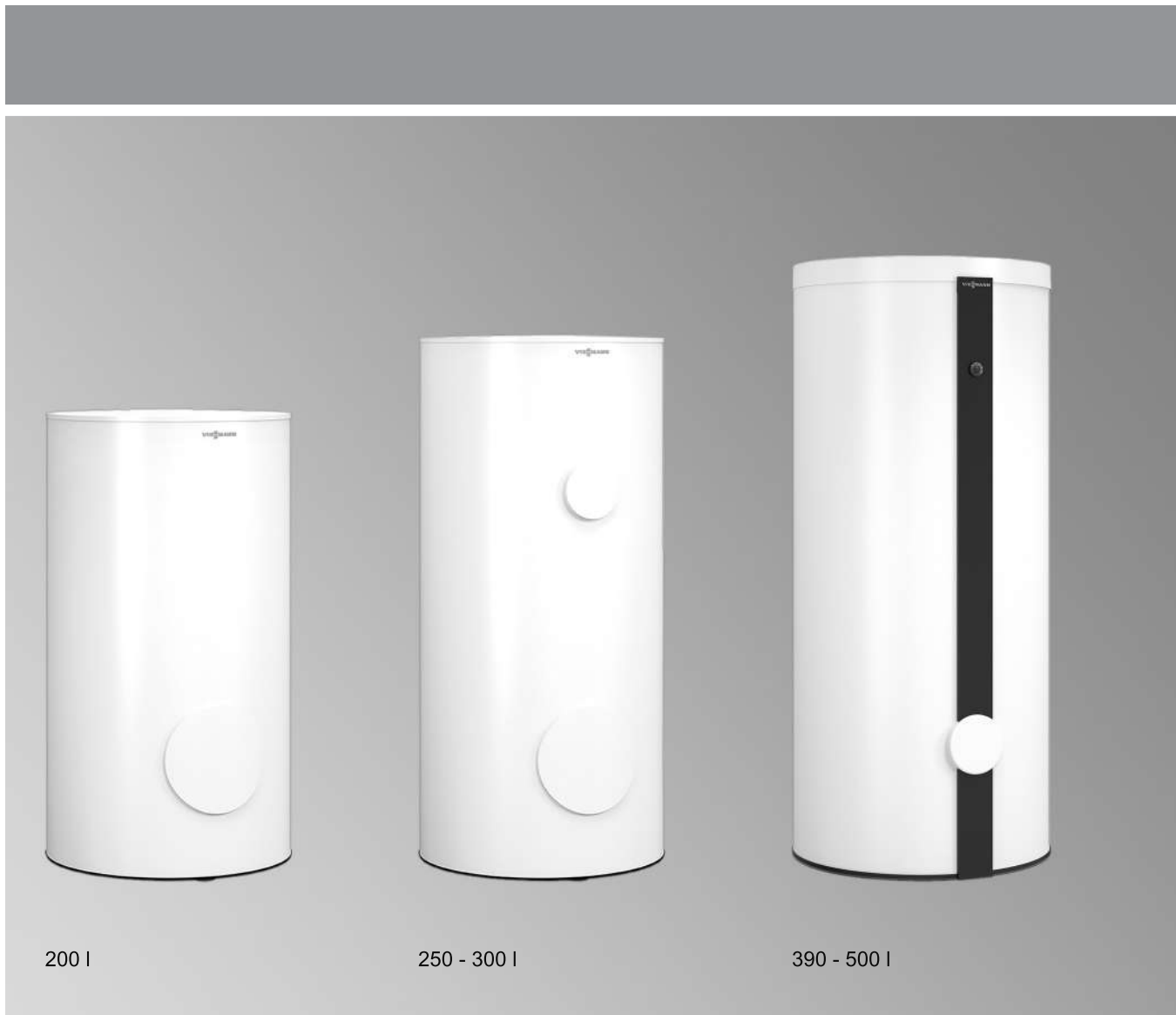
Accessories for cylinder banks			MG W
	300	500	
Cylinder capacity (litres) Headers on the heating water side DN 50 <ul style="list-style-type: none"> ■ For double cylinder banks and DHW cylinders with 300 litre capacity ■ Made from steel pipe Total capacity of the cylinder bank: 600 litres	7265134 976,-	-	Part no. Euro
Headers on the heating water side DN 50 <ul style="list-style-type: none"> ■ For double cylinder banks and DHW cylinders with 500 litre capacity ■ Made from steel pipe Total capacity of the cylinder bank: 1000 litres	-	ZK02892 1.005,-	Part no. Euro
Headers on the heating water side DN 50 <ul style="list-style-type: none"> ■ For triple cylinder banks and DHW cylinders with 500 litre capacity ■ Made from steel pipe Total capacity of the cylinder bank: 1500 litres	-	ZK02893 1.449,-	Part no. Euro
Headers on the DHW side R 1¼ <ul style="list-style-type: none"> ■ For double cylinder banks and DHW cylinders with 300 litre capacity ■ For cold water and DHW ■ Made from stainless steel Total capacity of the cylinder bank: 600 litres	7265138 1.026,-	-	Part no. Euro
Headers on the DHW side R 1¼ <ul style="list-style-type: none"> ■ For double cylinder banks and DHW cylinders with 500 litre capacity ■ For cold water and DHW ■ Made from stainless steel Total capacity of the cylinder bank: 1000 litres	-	ZK02894 1.054,-	Part no. Euro
Headers on the DHW side R 1½ <ul style="list-style-type: none"> ■ For triple cylinder banks and DHW cylinders with 500 litre capacity ■ For cold water and DHW ■ Made from stainless steel Total capacity of the cylinder bank: 1500 litres	-	ZK02895 1.833,-	Part no. Euro

10.2

10.2

VITOCELL 100-V

Floorstanding DHW cylinder
200 to 500 litre capacity



Vitocell 100-V

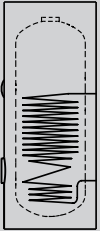
Type CVWB/CVWC

Vertical steel DHW cylinder, with
Ceraprotect enamel coating
For applications with heat pumps

- Designed especially for DHW heating in conjunction with solar heat pumps. The large surface area of the internal indirect coil ensures a highly efficient heat transfer.
- Corrosion-protected steel cylinder with Ceraprotect enamel coating
- Additional protection via impressed current anode (up to 300 l) and protective magnesium anode (from 300 l) installed at the factory
- Indirect coil reaching down to the cylinder floor heats the entire water content
- High DHW convenience through rapid, even heat-up via generously sized indirect coils
- Low heat losses due to highly effective all-round thermal insulation - removable for easier handling and available in a version with energy efficiency class B or C (from 390 l)
- Up to 2 immersion heaters (from 250 l) can be fitted to ensure convenience
- Integral transport aids on top and bottom enable easy transportation and handling (up to 300 l)

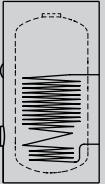
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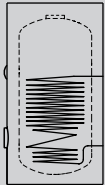
VITOCELL 100-V

Vitocell 100-V Steel, with Ceraprotect enamel coating		Cylinder capacity (litres)			MG WH
		200	250	300	
	Vitocell 100-V, Vitopearlwhite ■ For DHW heating with heat pumps For systems with the following operating data: ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 10 bar (1 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa)	Z026454 1.396,- ◁B	Z026455 1.855,- ◁B	Z026456 2.185,- ◁B	Part no. Euro Energy
Specification					
Type		CVWC	CVWC	CVWC	
Length		668	668	668	mm
Width		714	714	714	mm
Height		1229	1430	1697	mm
Handling dimensions		-	-	-	∅ mm
Weight		97	111	126	kg

Vitocell 100-V type CVWC are also available in combination with Vitocell 100-E type MSCA as Vitocell Modular 100-VE. See separate price sheet.

VITOCELL 100-V

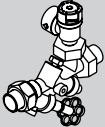
Vitocell 100-V Steel, with Ceraprotect enamel coating	Standard thermal insulation	Cylinder capacity (litres)		MG WH
		390	500	
	Vitocell 100-V, Vitopearlwhite <ul style="list-style-type: none"> ■ For DHW heating with heat pumps ■ With removable thermal insulation <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 10 bar (1 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z026495 3.210,- ⟨C⟩	Z026496 3.825,- ⟨C⟩	Part no. Euro Energy
Specification				
Type		CVWB	CVWB	
Length		859	859	mm
Width		923	923	mm
Height		1624	1948	mm
Handling dimensions		650	650	∅ mm
Weight		190	200	kg

Vitocell 100-V Steel, with Ceraprotect enamel coating	Highly efficient thermal insulation Energy efficiency class B	Cylinder capacity (litres)		MG WH
		390	500	
	Vitocell 100-V, Vitopearlwhite <ul style="list-style-type: none"> ■ For DHW heating with heat pumps ■ With removable thermal insulation <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Operating pressure on the heating water side up to 10 bar (1 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z026497 3.851,- ⟨B⟩	Z026498 4.574,- ⟨B⟩	Part no. Euro Energy
Specification				
Type		CVWB	CVWB	
Length		859	859	mm
Width		923	923	mm
Height		1659	1983	mm
Handling dimensions		650	650	∅ mm
Weight		187	215	kg





10.3

VITOCELL 100-V

Accessories

Accessories						
Accessories						MG W
	200	250	300	390	500	
Cylinder capacity (litres) Safety assembly to DIN 1988 (DN 20, R 3/4) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge connector Max. heat input: 150 kW 			7180662 251,-			Part no. Euro
Solar heat exchanger set For connecting solar collectors to the Vitozell 100-V/100-W <ul style="list-style-type: none"> ■ Circulation pump ■ Plate heat exchanger ■ Pipework and connection pieces for cylinder connection ■ Thermal insulation 		-		7186663 867,-		Part no. Euro MG WO
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 			7151989 114,-			Part no. Euro
Circulation pump for cylinder heating For boilers up to 40 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172611 460,-			Part no. Euro
Circulation pump for cylinder heating For boilers from 40 to 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172612 534,-			Part no. Euro
Circulation pump for cylinder heating For boilers from 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172613 1.485,-			Part no. Euro

10.3

Accessories						
Accessories						
Cylinder capacity (litres)						
	200	250	300	390	500	MG W
Impressed current anode <ul style="list-style-type: none"> ■ Maintenance-free ■ In place of the protective magnesium anode supplied 	Pre-assembled			Z004247 525,-		Part no. Euro
Thermometer, analogue For installation in the thermal insulation or front panel of the DHW cylinder	-			7595765 35,-		Part no. Euro
Thermometer <ul style="list-style-type: none"> ■ For wall mounting ■ Digital display of 2 temperatures 	ZK05265 75,-			-		Part no. Euro
Miscellaneous						
Cylinder capacity (litres)						
	200	250	300	390	500	MG N
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With removable thermal insulation <i>Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.</i> 	-			ZK01793 302,-		Part no. Euro
Immersion heater						
Cylinder capacity (litres)						
	200	250	300	390	500	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitopearlwhite ■ Gasket For installation in the lower section of the Vitocell 	Z021939 825,-			Z026669 827,-		Part no. Euro
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller For installation in the upper section of the Vitocell 	-			Z012684 617,-		Part no. Euro

10.3

10.3

VITOCELL MODULAR 100-VE

Combination of DHW cylinder with heating water buffer cylinder
200/50, 250/50, 300/50, 200/75, 250/75, 300/75 litre capacity



Vitocell Modular 100-VE

Modular combined for heat pump heating and cooling systems

- Vitocell 100-V CVWC DHW cylinder
- Vitocell 100-E MSCA heating water buffer cylinder

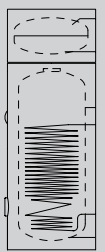
- Modular cylinder concept matched to Vitocal heat pumps
- Delivery in split design
- Integral wear-free impressed current anode protects against corrosion
- Uniform design of DHW cylinder and heat generator
- Modest space requirement (< 0.5 m²)
- Tower solution with heating water buffer cylinder - can be rotated through 360°
- Different sizes - maximum flexibility
- Integral carrying handles for easy transportation and handling
- Additional connections on 75 l version for hybrid applications with second heat generator
- Immersion heaters (accessories) can be fitted to ensure convenience
- Designed for heating and cooling applications

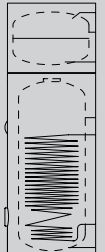
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VITOCCELL MODULAR 100-VE




Vitocell Modular 100-VE Steel, with Ceraprotect enamel coating	With 50 l heating water buffer cylinder	Cylinder capacity (litres)			MG WH
		200+50	250+50	300+50	
	Vitocell Modular 100-VE, Vitopearlwhite For DHW heating and storing heating/cooling water in conjunction with heat pumps with up to 17 kW heating output Function of 50 l buffer cylinder: low loss header For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature: <ul style="list-style-type: none"> - DHW cylinder up to 160 °C - Heating water buffer cylinder up to 110 °C ■ Operating pressure on the heating water side <ul style="list-style-type: none"> - DHW cylinder up to 10 bar (1 MPa) - Heating water buffer cylinder up 3 bar (0.3 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z026459 1.931,- ⊂B	Z026460 2.390,- ⊂B	Z026461 2.720,- ⊂B	Part no. Euro Energy
Specification					
Length Ø		668	668	668	mm
Width		714	714	714	mm
Height		1610	1811	2078	mm
Weight		137	151	166	kg

Vitocell Modular 100-VE Steel, with Ceraprotect enamel coating	With 75 l heating water buffer cylinder	Cylinder capacity (litres)			MG WH
		200+75	250+75	300+75	
	Vitocell Modular 100-VE, Vitopearlwhite For DHW heating and storing heating/cooling water in conjunction with heat pumps with up to 17 kW heating output Function of 75 l buffer cylinder: low loss header in hybrid applications with second heat generator For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature: <ul style="list-style-type: none"> - DHW cylinder up to 160 °C - Heating water buffer cylinder up to 110 °C ■ Operating pressure on the heating water side <ul style="list-style-type: none"> - DHW cylinder up to 10 bar (1 MPa) - Heating water buffer cylinder up 3 bar (0.3 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z026462 2.090,- ⊂B	Z026463 2.549,- ⊂B	Z026464 2.879,- ⊂B	Part no. Euro Energy
Specification					
Length Ø		668	668	668	mm
Width		714	714	714	mm
Height		1728	1929	2196	mm
Weight		147	161	176	kg

10.4

VITOCELL MODULAR 100-VE

DHW cylinder accessories

Accessories				
Accessories				
Cylinder capacity (litres)	200	250	300	MG W
Safety assembly to DIN 1988 (DN 20, R ¾) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge connector Max. heat input: 150 kW			7180662	Part no. Euro
			251,-	
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 			7151989	Part no. Euro
			114,-	
Thermometer <ul style="list-style-type: none"> ■ For wall mounting ■ Digital display of 2 temperatures 			ZK05265	Part no. Euro
			75,-	
Immersion heater				
Cylinder capacity (litres)	200	250	300	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitoppearlwhite ■ Gasket For installation in the lower section of the Vitocell			Z021939	Part no. Euro
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller For installation in the upper section of the Vitocell			-	Part no. Euro

VITOCELL MODULAR 100-VE

Heating water buffer cylinder accessories

Accessories			
Accessories			
Cylinder capacity (litres)	50	75	MG W
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 	7151989 114,-		Part no. Euro
Thermometer <ul style="list-style-type: none"> ■ For wall mounting ■ Digital display of 2 temperatures 	ZK05265 75,-		Part no. Euro
Automatic air vent valve <ul style="list-style-type: none"> ■ For installation on one of the cylinder connections ■ With 1" tee 	7984135 90,-		Part no. Euro
Immersion heater			
Cylinder capacity (litres)	50	75	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller 	-	Z012684 617,-	Part no. Euro



10.4

VITOCELL 100-L

Cylinder for DHW heating systems
in a cylinder loading system
500 to 950 litres



750/950 l

Vitocell 100-L

Type CVL/CVLA

Vertical steel cylinder with Ceraprotect enamel coating
Cylinder capacity 500, 750 and 950 litres

Vitotrans 222

Heat exchanger set for cylinder loading system
Transferable heating output up to 80 kW, up to 120 kW and up to 240 kW

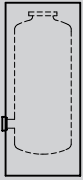
Heating lance

For DHW heating with heat pumps via an external heat exchanger

- Corrosion-protected steel cylinder with Ceraprotect enamel coating
- Additional cathodic protection via protective magnesium anode; impressed current anode available as an accessory
- Removable thermal insulation for easy handling
- Low heat losses due to high grade, all-round thermal insulation
- Electric immersion heater and heating lance for use in conjunction with heat pumps available as accessories
- In conjunction with the Vitotrans 222 heat exchanger set (accessories) as a cylinder loading system, particularly suitable for combination with condensing boilers
- Accurate cylinder heating, even with modulating flow temperature
- With highly efficient cylinder loading and heating water pump, plus full thermal insulation

10.5

VITOCELL 100-L

Vitocell 100-L Steel, with Ceraprotect enamel coating		Cylinder capacity (litres)			MG WH
		500	750	950	
	Vitocell 100-L, Vitosilver <ul style="list-style-type: none"> ■ For DHW heating in a loading system ■ Removable thermal insulation <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Max. DHW temperature in the cylinder 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z002074 2.719,- ◀B	Z015313 4.210,-	Z015314 5.535,-	Part no. Euro Energy
Specification					
Type		CVL	CVLA	CVLA	
Length		859	1062	1062	mm
Width		923	1110	1110	mm
Height		1948	1897	2197	mm
Handling dimensions		650	790	790	Ø mm
Weight		156	260	314	kg

Please note:

The DHW cylinder is supplied with two welded sensor wells or clamping devices for attaching immersion temperature sensors to the cylinder jacket.

Control of the cylinder loading system Viessmann control units Vitotronic 100 (type CC1/CC1E), Vitotronic 200 (type CO1/CO1E), Vitotronic 300 (type CM1/CM1E), Vitotronic 300-K (type MW1B, MW2B) and Vitotronic 200-H (type HK1B, HK3B) are suitable for controlling the cylinder loading system.



10.5

Accessories				
Accessories				
Max. transferable heating output (kW)	80.0	120.0	240.0	MG W
Vitotrans 222 (heat exchanger set) For DHW heating in a loading system, up to 60 °C (or max. 70 °C) <ul style="list-style-type: none"> ■ High efficiency circulation pump as DHW cylinder loading pump ■ High efficiency circulation pump as heating water pump ■ Plate heat exchanger ■ Line regulating valve ■ Shut-off valves ■ Safety valve (10 bar); only for the heat exchanger, does not replace the safety valve to DIN 1988 for sealed unvented water heating systems. ■ Thermal insulation 	Z012534 3.915,-	Z012535 4.505,-	Z012536 5.695,-	Part no. Euro


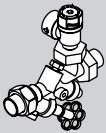
Please note:

The transferable heating output is based on 75 °C heating water flow temperature/35 °C heating water return temperature and 10 °C cold water inlet temperature/60 °C DHW outlet temperature.

Accessories			MG W
Mixer assembly For Vitotrans 222 up to 120 kW transferable heating output For operation of the Vitotrans 222 with modulating flow temperature <ul style="list-style-type: none"> ■ 3-way mixing valve ■ Servomotor ■ Sensors ■ Pipework 		7164620 943,-	Part no. Euro
Mixer assembly For Vitotrans 222 up to 240 kW transferable heating output For operation of the Vitotrans 222 with modulating flow temperature <ul style="list-style-type: none"> ■ 3-way mixing valve ■ Servomotor ■ Sensors ■ Pipework 		7164621 1.055,-	Part no. Euro

Please note:







For operation of the Vitotrans 222 with mixer assembly in heating systems with Vitotronic 100 (type CC1/CC1E) and Vitotronic 200-H (type HK1B or HK3B), a cylinder temperature sensor (part no. 7438702) must also be ordered.

Accessories				
Cylinder capacity (litres)	500	750	950	MG W
Impressed current anode <ul style="list-style-type: none"> ■ Maintenance-free ■ In place of the protective magnesium anode supplied 	7265008 480,-	7265132 501,-		Part no. Euro
Safety assembly to DIN 1988 (DN 20, R 3/4) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge connector Max. heat input: 150 kW 	7180662 251,-			Part no. Euro
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well Two are required for operation with constant flow temperature.	7151989 114,-			Part no. Euro

10.5

VITOCELL 100-L

Accessories

Accessories				
Accessories				
Cylinder capacity (litres)	500	750	950	MG W
Heating lance For installation in a flanged aperture of the Vitocell For DHW heating with a heat pump via an external heat exchanger <ul style="list-style-type: none"> ■ Flange ■ Gasket ■ Colour of flange cover: Vitosilver 	ZK00037 835,-	Z012683 837,-		Part no. Euro
Miscellaneous				
Cylinder capacity (litres)	500	750	950	MG N
Transport aid For easier handling of all vertical DHW cylinders With removable thermal insulation <i>Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.</i> 	ZK01793 302,-	–		Part no. Euro
Immersion heater				
Cylinder capacity (litres)	500	750	950	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) For installation in the Vitocell <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitosilver ■ Gasket For installation in the lower section of the Vitocell 	Z012677 819,-	Z012678 871,-		Part no. Euro
Immersion heater EHE Selectable heating output 4, 8 or 12 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) For installation in the Vitocell <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitosilver ■ Gasket For installation in the lower section of the Vitocell 	–	Z012682 969,-		Part no. Euro
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) For installation in the Vitocell <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller For installation in the lower section of the Vitocell in conjunction with the heating lance 	–	Z012684 617,-		Part no. Euro
Immersion heater EHE Selectable heating output 4, 8 or 12 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) For installation in the Vitocell <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller For installation in the lower section of the Vitocell in conjunction with the heating lance 	–	Z012687 715,-		Part no. Euro

10.5

VITOCELL 100-L

Accessories

Accessories				
Diaphragm safety valves for sealed unvented heating systems				
Cylinder capacity (litres)	500	750	950	MG VC
Diaphragm safety valve (type MSW1), DN 32 For sealed unvented water heating systems ■ Response pressure 10 bar ■ Connection G 1 Max. heat input: 250 kW		9572232		Part no.
		45,-		Euro

10.5

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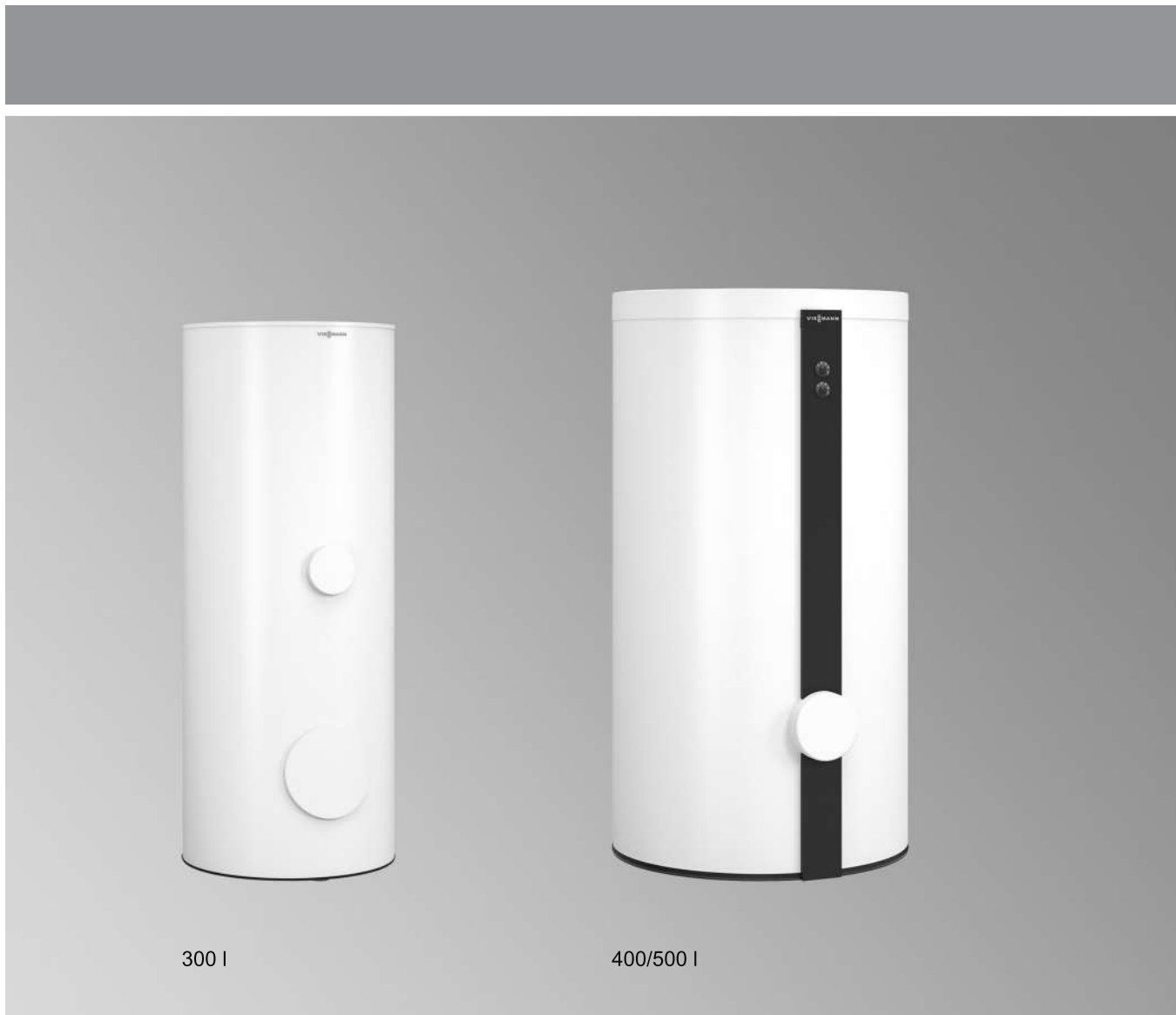
10.5

10.5-6 **VIESSMANN**

5812297

VITOCCELL 100-B

DHW cylinder with 2 internal indirect coils
300 to 500 litre capacity



Vitocell 100-B

Type CVB/CVBB/CVBC

Vertical steel DHW cylinder, with Ceraprotect enamel coating

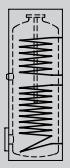
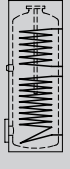
With 2 internal indirect coils:

- The lower indirect coil is used for heating via the solar collectors.
- The upper indirect coil is used for reheating, as required, via the heat generator.

- Corrosion-protected steel cylinder with Ceraprotect enamel coating
- Additional cathodic protection via protective magnesium anode; impressed current anode available as an accessory
- Indirect coil reaching down to the cylinder floor heats the entire water content
- High level of DHW convenience, with rapid, even heat-up via generously sized internal indirect coils
- Low heat losses through highly effective, all-round thermal insulation
- For dual mode DHW heating in conjunction with solar collectors and heat generator. The heat from the solar collectors is transferred to the DHW via the lower indirect coil. For mono mode DHW heating by a heat pump, the two indirect coils are connected in series
- With a capacity of 400 l or more, the Vitocell 100-B comes with removable thermal insulation for easier handling.

10.6

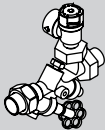



VITOCELL 100-B

Vitocell 100-B Steel, with Ceraprotect enamel coating		Cylinder capacity (litres)			MG WH
		300	400	500	
	Vitocell 100-B, Vitosilver For DHW heating in conjunction with heat generators and solar collectors For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Solar flow temperature up to 160 °C ■ DHW temperature up to 95 °C ■ Operating pressure on the heating and DHW sides up to 10 bar (1 MPa) ■ Operating pressure on the solar side up to 10 bar (1 MPa) 	Z021913 1.898,- ⊠B	-	-	Part no. Euro Energy
			Vitocell 100-B, Vitopearlwhite ■ For DHW heating in conjunction with heat generators and solar collectors ■ From 400 litre cylinder capacity with removable thermal insulation For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 160 °C ■ Solar flow temperature up to 160 °C ■ DHW temperature up to 95 °C ■ Operating pressure on the heating and DHW sides up to 10 bar (1 MPa) ■ Operating pressure on the solar side up to 10 bar (1 MPa) 	Z021914 1.840,- ⊠B	
Specification					
Type		CVBC	CVB	CVB	
Length		668	859	859	mm
Width		714	923	923	mm
Height		1687	1624	1948	mm
Handling dimensions		-	650	650	∅ mm
Weight		126	167	205	kg

10.6

Please note:

The DHW cylinder is supplied with a threaded elbow for solar operation.
 With heat pumps, both internal indirect coils must be connected in series. Solar collectors therefore cannot be connected at the same time.





Accessories					
Accessories				MG W	
	300	400	500		
Cylinder capacity (litres) Safety assembly to DIN 1988 (DN 20, R ¾) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge connector Max. heat input: 150 kW				7180662 251,-	Part no. Euro
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 				7151989 114,-	Part no. Euro
Circulation pump for cylinder heating For boilers up to 40 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 				7172611 460,-	Part no. Euro
Circulation pump for cylinder heating For boilers from 40 to 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 				7172612 534,-	Part no. Euro
Circulation pump for cylinder heating For boilers from 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 				7172613 1.485,-	Part no. Euro
Impressed current anode <ul style="list-style-type: none"> ■ Maintenance-free ■ In place of the protective magnesium anode supplied 				7265008 480,-	Part no. Euro
Thermometer, analogue For installation in the thermal insulation or front panel of the DHW cylinder	-	7595765 35,-		Part no. Euro	
Thermometer <ul style="list-style-type: none"> ■ For wall mounting ■ Digital display of 2 temperatures 	ZK05265 75,-	-		Part no. Euro	
Thermostatic DHW circulation set For integration in hot water systems with DHW circulation pipe <ul style="list-style-type: none"> ■ Automatic thermostatic mixing valve ■ Setting range: 35 to 60 °C ■ Integral non-return valves ■ Threaded connection R ¾ ■ Thermal insulation 				ZK01284 337,-	Part no. Euro
Automatic thermostatic mixing valve For integration in hot water systems without DHW circulation pipe <ul style="list-style-type: none"> ■ Setting range: 35 to 60 °C ■ Threaded connection G 1, flat gasket 				7438940 85,-	Part no. Euro

10.6

5812298

VITOCELL 100-B

Accessories

Accessories				
Accessories				
Cylinder capacity (litres)	300	400	500	MG W
Fittings				
For boiler connection on the heating water side				
▶ See accessories for the boiler concerned.				
Heating lance				
For installation in a flanged aperture of the Vitocell. For DHW heating with a heat pump via an external heat exchanger				
<ul style="list-style-type: none"> ■ Flange ■ Gasket ■ Flange cover (Vitopearlwhite) 				
				
Immersion heater				
Cylinder capacity (litres)	300	400	500	MG W
Immersion heater EHE				
Selectable heating output 2, 4 or 6 kW				
Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³)				
For installation in the Vitocell				
<ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: black ■ Gasket 				
For installation in a flanged aperture of the Vitocell.				
				
Immersion heater EHE				
Selectable heating output 2, 4 or 6 kW				
Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³)				
For installation in the Vitocell				
<ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitopearlwhite ■ Gasket 				
For installation in a flanged aperture of the Vitocell.				
				
Immersion heater EHE				
Selectable heating output 4, 8 or 12 kW				
Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³)				
For installation in the Vitocell				
<ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitopearlwhite ■ Gasket 				
For installation in a flanged aperture of the Vitocell.				
				

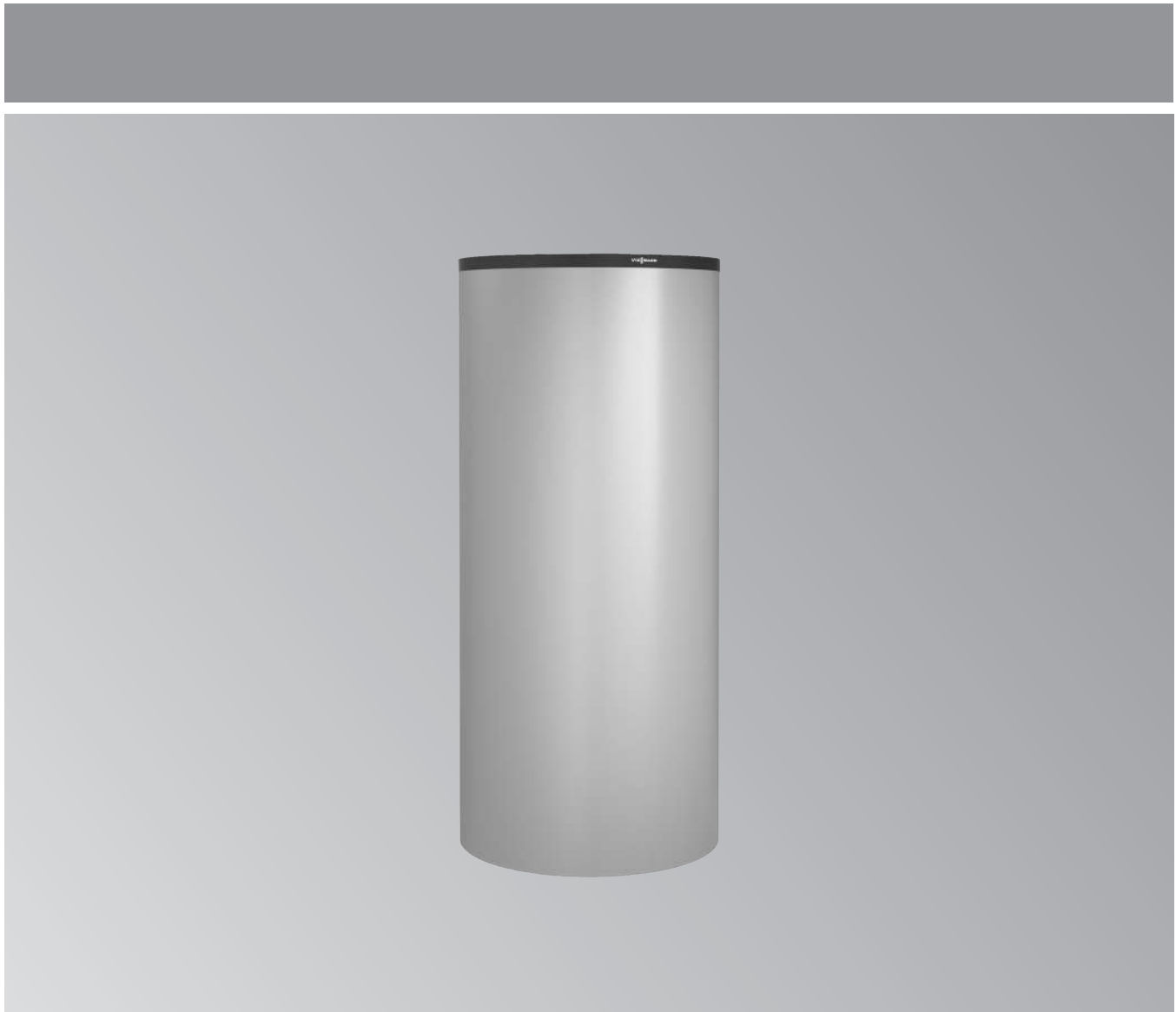
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Accessories				
Immersion heater				
Cylinder capacity (litres)	300	400	500	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller For 300/400/500 l: for installation in the upper section of the Vitocell. For 750/950 l: for installation in a flanged aperture of the Vitocell in conjunction with the heating lance.			Z012684 617,-	Part no. Euro
Immersion heater EHE Selectable heating output 4, 8 or 12 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller For installation in a flanged aperture of the Vitocell in conjunction with the heating lance.			-	Part no. Euro
Miscellaneous				
Cylinder capacity (litres)	300	400	500	MG N
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With rigid PUR foam thermal insulation ■ Up to 300 litre capacity 	ZK05266 142,-	-		Part no. Euro MG W
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With removable thermal insulation Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more	-	ZK01793 302,-	Part no. Euro	

10.6

VITOCELL 050-E

Cylinder for storing heating water
600 to 950 litre capacity



Vitocell 050-E

Type SVPA

For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers.

Version to DIN 4753

- Versatile application in heating systems with several heat generators and heat consumers, thanks to multiple flow and return connections, plus additional connections for test points. Particularly suitable in conjunction with solar thermal systems, heat pumps and solid fuel boilers.

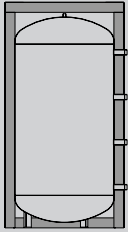
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4/2022

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VITOCELL 050-E

Accessories

Vitocell 050-E		Cylinder capacity (litres)			MG WH
		600	750	950	
	Vitocell 100-W, Vitopearlwhite For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers With removable thermal insulation and clamping devices for fixing immersion temperature sensors to the cylinder jacket. For systems with: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) 	Z019909 1.193,-	Z019910 1.255,-	Z019911 1.381,-	Part no. Euro

Specification				
Type		SVPA	SVPA	SVPA
Length		990	990	990 mm
Width		1015	1015	1015 mm
Height		1643	1923	2200 mm
Handling dimensions		790	790	790 Ø mm
Weight		89	100	116 kg

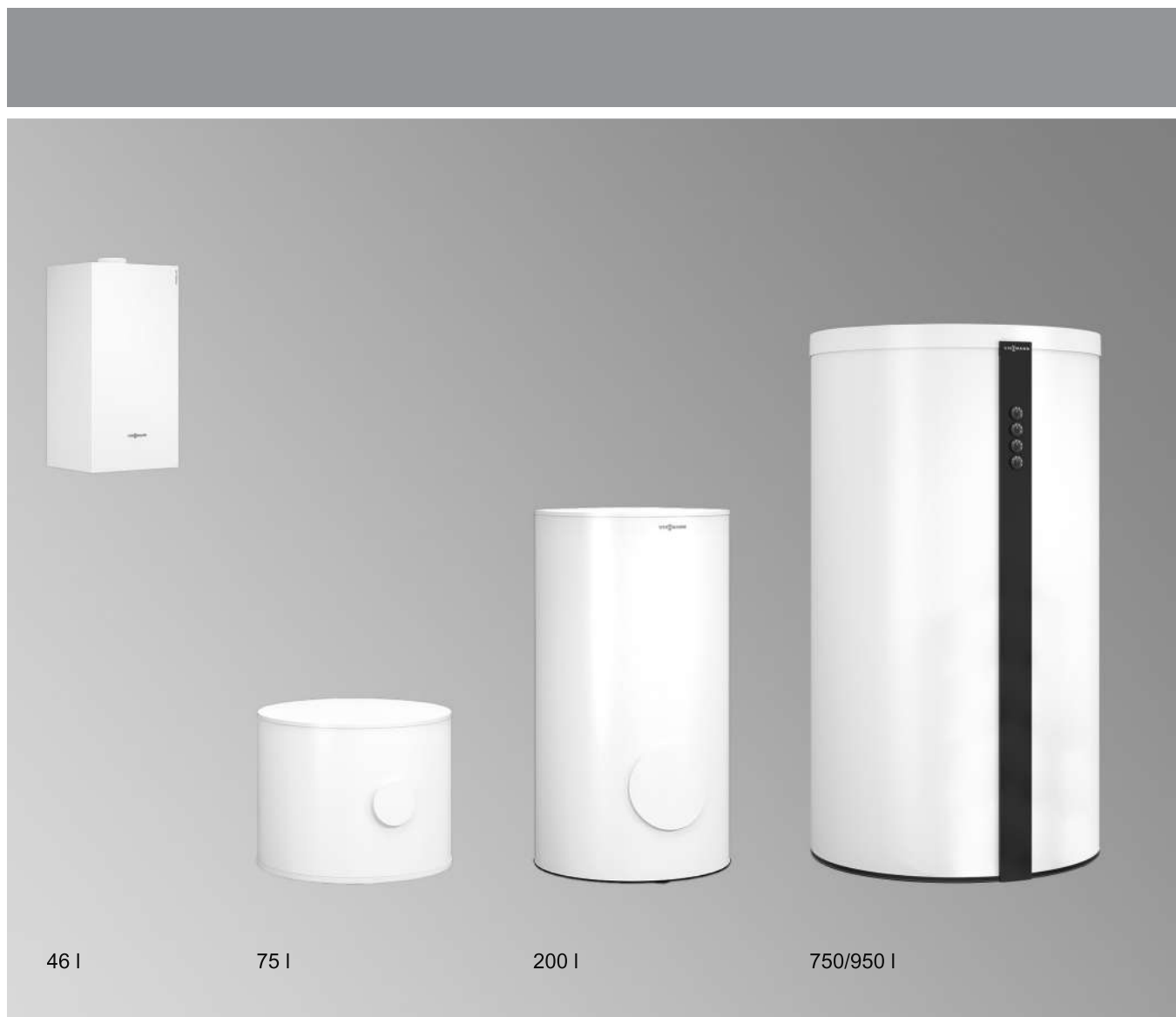
Accessories				
Cylinder capacity (litres)		600	750	950
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system. ■ With top-hat rail to be mounted to the DHW cylinder or on the wall. ■ Setting range 30 to 60 °C, adjustable up to 110 °C. ■ Length of capillary tube 1400 mm, sensor Ø 6 mm. ■ Without sensor well. 			7151989 114,-	Part no. Euro MG W

Miscellaneous				
Cylinder capacity (litres)		600	750	950
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With removable thermal insulation Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.			ZK01793 302,-	Part no. Euro MG N

10.7

VITOCELL 100-E

Cylinder for storing heating water
46 to 950 litre capacity



Vitocell 100-E

Type SVPA

Cylinder volume: 46 l
Version to DIN 4753

Type MSCA

Cylinder volume: 50 l, 75 l
Version to DIN 4753

Type SVWA

Cylinder volume: 200 l
Version to DIN 4753

Type SVPA/SVPB

Cylinder volume: 400 l, 600 l, 750 l, 910 l
Version to DIN 4753

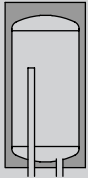
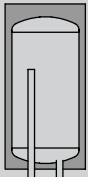
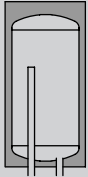
- With a capacity of 46 l (type SVPA), **wall mounted** as a return buffer to extend capacity in heat pump heating systems
- With a capacity of 50 l/75 l (type MSCA), **floorstanding** or for installation on the Vitocell 100-V CVWC as a low loss header or to extend capacity in heating and cooling systems with heat pumps
- With a capacity of 200 l (type SVWA), **floorstanding** as a low loss header or to extend capacity in heat pump heating systems
- With a capacity of 400 to 910 l (type SVPA/SVPB), versatile application in heating systems with several heat generators and heat consumers thanks to multiple flow and return connections, plus additional connections for test points. Particularly suitable in conjunction with solar thermal systems, heat pumps, solid fuel boilers and CHP units

10.8

8/2023


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VITOCELL 100-E


Vitocell 100-E		Capacity (litres)	
		46	MG WH
	<p>Vitocell 100-E, Vitosilver</p> <ul style="list-style-type: none"> ■ For storing heating water in conjunction with heat pumps with up to 17 kW heating output, including overflow valve (R 1) ■ For ensuring the minimum system volume ■ With EPS thermal insulation and sheet steel jacket, wall mounted including wall mounting bracket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) 	Z015309 716,- ◁B □	Part no. Euro Energy
	<p>Vitocell 100-W, white</p> <ul style="list-style-type: none"> ■ For storing heating water in conjunction with heat pumps with up to 17 kW heating output, including overflow valve (R 1) ■ For ensuring the minimum system volume ■ With EPS thermal insulation and sheet steel jacket, wall mounted including wall mounting bracket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) 	Z015310 716,- ◁B □	Part no. Euro Energy
	<p>Vitocell 100-W, Vitopearlwhite</p> <ul style="list-style-type: none"> ■ For storing heating water in conjunction with heat pumps with up to 17 kW heating output, including overflow valve (R 1) ■ For ensuring the minimum system volume ■ With EPS thermal insulation and sheet steel jacket, wall mounted including wall mounting bracket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) 	Z017685 716,- ◁B □	Part no. Euro Energy
Specification			
Type		SVPA	
Length		379	mm
Width		450	mm
Height		958	mm
Weight		18	kg

VITOCELL 100-E

Accessories

Vitocell 100-E		Capacity (litres)		MG W H
		50	75	
	Vitocell 100-E, Vitopearlwhite <ul style="list-style-type: none"> For storing heating/cooling water in conjunction with heat pumps with up to 17 kW heating output With rigid PUR foam thermal insulation <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 3 bar (0.3 MPa) 	Z026457 583,- ⟨B⟩	Z026458 742,- ⟨B⟩	Part no. Euro Energy
		Specification		
Type		MSCA	MSCA	
Length		668	668	mm
Width		675	675	mm
Height		415	533	mm
Weight		40	50	kg

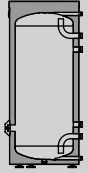
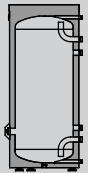
Vitocell 100-E type MSCA are also available in conjunction with Vitocell 100-V type CVWC as Vitocell Modular 100-VE. See separate price sheet in Pricelist 2, Register 10.4.

Accessories				MG W
Cylinder capacity (litres)		50	75	
Temperature controller <ul style="list-style-type: none"> With a thermostatically controlled system With top-hat rail to be fitted to the DHW cylinder or the wall Setting range 30 to 60 °C, adjustable up to 110 °C Length of capillary tube 1400 mm, sensor Ø 6 mm Without sensor well 		7151989 114,-		Part no. Euro
Thermometer <ul style="list-style-type: none"> For wall mounting Digital display of 2 temperatures 		ZK05265 75,-		
Automatic air vent valve <ul style="list-style-type: none"> For installation on one of the cylinder connections With 1" tee 		7984135 90,-		Part no. Euro
Immersion heater				MG W
Cylinder capacity (litres)		50	75	
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> High limit temperature cut-out device Temperature controller 		 - Z012684 617,-		Part no. Euro

10.8

VITOCELL 100-E

Accessories

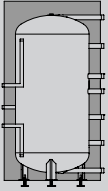
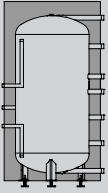
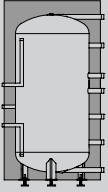
Vitocell 100-E		Capacity (litres)	
		200	MG WH
	Vitocell 100-E, Vitosilver <ul style="list-style-type: none"> For storing heating water in conjunction with heat pumps with up to 17 kW heating output With rigid PUR foam thermal insulation <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 3 bar (0.3 MPa) 	Z018469 939,- B	Part no. Euro Energy
	Vitocell 100-E, Vitoparlwhite <ul style="list-style-type: none"> For storing heating water in conjunction with heat pumps with up to 17 kW heating output With rigid PUR foam thermal insulation <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 3 bar (0.3 MPa) 	Z018470 939,- B	Part no. Euro Energy
Specification			
Type		SVWA	
Length		582	mm
Width		640	mm
Height		1333	mm
Weight		59	kg

Accessories			
Cylinder capacity (litres)		200	MG W
Temperature controller <ul style="list-style-type: none"> With a thermostatically controlled system With top-hat rail to be fitted to the DHW cylinder or the wall Setting range 30 to 60 °C, adjustable up to 110 °C Length of capillary tube 1400 mm, sensor Ø 6 mm Without sensor well 		7151989 114,-	Part no. Euro
Thermometer <ul style="list-style-type: none"> For wall mounting Digital display of 2 temperatures 		ZK05265 75,-	Part no. Euro
Immersion heater			
Cylinder capacity (litres)		200	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> High limit temperature cut-out device Temperature controller 		Z012684 617,-	Part no. Euro



10.8

VITOCELL 100-E



Vitocell 100-E	Thermal insulation standard	Cylinder capacity (litres)				MG WH
		400	600	750	910	
	<p>Vitocell 100-E, Vitosilver</p> <ul style="list-style-type: none"> For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers With removable thermal insulation and clamping devices for attaching immersion temperature sensors to the cylinder jacket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 6 bar (0.6 MPa) 	Z027076 1.181,- ◀C	Z027077 1.579,-	Z027078 1.731,-	Z027079 2.001,-	Part no. Euro Energy
		Z027080 1.181,- ◀C	Z027081 1.557,-	Z027082 1.843,-	Z027083 2.125,-	
	<p>Vitocell 100-E, Vitopearlwhite</p> <ul style="list-style-type: none"> For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers With removable thermal insulation and clamping devices for attaching immersion temperature sensors to the cylinder jacket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 6 bar (0.6 MPa) 	Z027084 1.181,- ◀C	Z027085 1.557,-	Z027086 1.843,-	Z027087 2.125,-	Part no. Euro Energy
		Z027084 1.181,- ◀C	Z027085 1.557,-	Z027086 1.843,-	Z027087 2.125,-	
	<p>Vitocell 100-E, Vitographite</p> <ul style="list-style-type: none"> For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers With removable thermal insulation and clamping devices for attaching immersion temperature sensors to the cylinder jacket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 6 bar (0.6 MPa) 	Z027084 1.181,- ◀C	Z027085 1.557,-	Z027086 1.843,-	Z027087 2.125,-	Part no. Euro Energy
		Z027084 1.181,- ◀C	Z027085 1.557,-	Z027086 1.843,-	Z027087 2.125,-	
Specification						
Type		SVPA	SVPB	SVPB	SVPB	
Length		860	1065	1065	1065	mm
Width		900	1110	1110	1110	mm
Height		1620	1645	1900	2200	mm
Handling dimensions		650	790	790	790	Ø mm
Weight		105	115	135	155	kg

10.8

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VITOCELL 100-E

Accessories

Accessories					
Accessories					
Cylinder capacity (litres)	400	600	750	910	MG W
Thermometer, analogue For installation in the thermal insulation or front panel of the DHW cylinder Max. 4 pce	7595765 35,-				Part no. Euro
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 	7151989 114,-				Part no. Euro
Thermal insulation caps (6 pce) For unused cylinder connections	-	ZK01545 60,-			Part no. Euro
Miscellaneous					
Cylinder capacity (litres)	400	600	750	910	MG N
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With removable thermal insulation <i>Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more</i>					Part no. Euro
Vitotrans 353					
Cylinder capacity (litres)	400	600	750	910	MG WH
Freshwater module with DHW circulation pump Compact and fully pre-assembled module for convenient DHW heating using the instantaneous water heating principle <ul style="list-style-type: none"> ■ For installation on the cylinder ■ With integral, pre-wired and preset control unit for setting the required DHW temperature ■ With large, highly efficient plate heat exchanger for a low return temperature ■ With return distribution set for temperature-dependent stratification of the return in the heating water buffer cylinder by means of a temperature control function ■ With flow rate transducer for precise flow measurement in the DHW circuit ■ With variable speed high efficiency circulation pump for the primary circuit ■ With shut-off valves with integral non-return valve ■ With pre-assembled mounting panel, pipework and connection pieces for connecting to the cylinder 					
Vitotrans 353, type PZSA <ul style="list-style-type: none"> ■ With draw-off rate up to 25 l/min ■ Stainless steel plate heat exchanger, copper brazed 	Z021868 3.644,-	Z021866 3.773,-			Part no. Euro
Vitotrans 353, type PZMA <ul style="list-style-type: none"> ■ With draw-off rate up to 48 l/min ■ Stainless steel plate heat exchanger, copper brazed 	-	Z021867 4.782,-			Part no. Euro
Vitotrans 353, type PZMA-S <ul style="list-style-type: none"> ■ With draw-off rate up to 48 l/min ■ Stainless steel plate heat exchanger, stainless steel brazed 	-	Z021871 6.019,-			Part no. Euro

10.8

Accessories




► For additional information regarding the Vitotrans 353 for wall mounting and accessories: see Register 10.10.

Please note:

Draw-off rates according to SPF test procedure

- Performance factor 1 (PF 1)
- At set DHW temperature 45 °C
- At heating water flow temperature 60 °C
- At cold water inlet temperature 10 °C

For additional draw-off rates: see datasheet.

Accessories						
Cylinder capacity (litres)		400	600	750	910	MG V
Heat meter (for type PZSA and PZMA/PZMA-S) <ul style="list-style-type: none"> ■ For installation in the freshwater module ■ Measurement of the heating water flow temperature, heating water return temperature and flow rate (primary side) ■ With display showing the heating output, energy amounts, cumulative consumption, etc. 		ZK02916 1.072,-				Part no. Euro
Sampling valve (for type PZMA/PZMA-S) <ul style="list-style-type: none"> ■ Heat-resistant valve for taking water samples in line with the Drinking Water Ordinance [Germany]. ■ For installation in the freshwater module. 		ZK02909 145,-				Part no. Euro
Immersion heater						
Total capacity (litres)		400	600	750	910	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) For installation in the Vitocell <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller For installation in the upper section of the Vitocell 		Z012684 617,-				Part no. Euro
Immersion heater EHE Selectable heating output 4, 8 or 12 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) For installation in the Vitocell <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller For installation in the upper section of the Vitocell 		Z012687 715,-				Part no. Euro

10.8

VITOCELL 140-E/160-E

Cylinder for storing heating water
400 to 950 litre capacity



Vitocell 140-E/160-E

Vitocell 140-E, type SEIA/SEIC

For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers

- With integral internal indirect coil for connection to solar collectors
- Version to DIN 4753

Vitocell 160-E, type SESB

For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers

- With integral internal indirect coil for connection to solar collectors and stratification system
- Version to DIN 4753

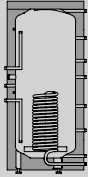
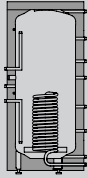
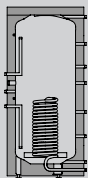
- Versatile application in heating systems with several heat generators and heat consumers, thanks to multiple flow and return connections, plus additional connections for test points. Particularly suitable in conjunction with solar thermal systems, heat pumps and solid fuel boilers
- Low heat losses due to high grade, all-round thermal insulation
- Vitotrans 353 freshwater module for hygienic DHW heating using the instantaneous water heating principle; available as an accessory for installation on the cylinder
- Pump module for the collector circuit (Solar-Divicon with connection set) for straightforward installation on the cylinder; available as an accessory (part of the standard delivery of the Vitocell 140-E with 400 l capacity)

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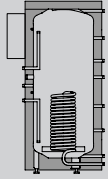
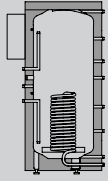
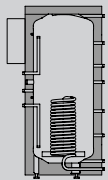
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VITOCELL 140-E/160-E

Vitocell 140-E		Cylinder capacity (litres)			MG WH
		600	750	950	
	Vitocell 140-E, Vitosilver <ul style="list-style-type: none"> For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers With removable thermal insulation, integral internal indirect coil for connection to solar collectors and clamping devices for attaching immersion temperature sensors <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 3 bar (0.3 MPa) Solar flow temperature up to 140 °C Operating pressure on the solar side up to 10 bar (1 MPa) 	Z014454 1.835,-	Z014455 2.057,-	Z014456 2.453,-	Part no. Euro
		Vitocell 140-E, Vitopearlwhite <ul style="list-style-type: none"> For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers With removable thermal insulation, integral internal indirect coil for connection to solar collectors and clamping devices for attaching immersion temperature sensors <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 3 bar (0.3 MPa) Solar flow temperature up to 140 °C Operating pressure on the solar side up to 10 bar (1 MPa) 	Z021879 1.835,-	Z021880 2.057,-	
	Vitocell 140-E, Vitographite <ul style="list-style-type: none"> For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers With removable thermal insulation, integral internal indirect coil for connection to solar collectors and clamping devices for attaching immersion temperature sensors <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> Heating water flow temperature up to 110 °C Operating pressure on the heating water side up to 3 bar (0.3 MPa) Solar flow temperature up to 140 °C Operating pressure on the solar side up to 10 bar (1 MPa) 	Z024753 1.835,-	Z024754 2.057,-	Z024755 2.453,-	Part no. Euro
Specification					
Type		SEIC	SEIC	SEIC	
Length		1064	1064	1064	mm
Width		1119	1119	1119	mm
Height		1645	1900	2200	mm
Handling dimensions		790	790	790	Ø mm
Weight		135	159	182	kg

10.9

VITOCELL 140-E/160-E

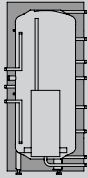
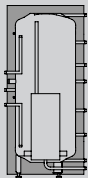
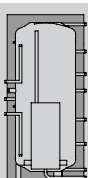
Vitocell 140-E		Capacity (litres)	
		400	MG WH
	<p>Vitocell 140-E, Vitopearlwhite</p> <ul style="list-style-type: none"> ■ With Solar-Divicon without solar controller ■ For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers ■ With removable thermal insulation, integral internal indirect coil for connection to solar collectors and clamping devices for attaching immersion temperature sensors <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Solar flow temperature up to 140 °C ■ Operating pressure on the solar side up to 10 bar (1 MPa) 	Z021876 2.688,- ◁B	Part no. Euro Energy
	<p>Vitocell 140-E, Vitopearlwhite</p> <ul style="list-style-type: none"> ■ With Solar-Divicon with SDIO/SM1A electronics module ■ For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers ■ With removable thermal insulation, integral internal indirect coil for connection to solar collectors and clamping devices for attaching immersion temperature sensors <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Solar flow temperature up to 140 °C ■ Operating pressure on the solar side up to 10 bar (1 MPa) 	Z021877 3.031,- ◁B	Part no. Euro Energy
	<p>Vitocell 140-E, Vitopearlwhite</p> <ul style="list-style-type: none"> ■ With Solar-Divicon with Vitosolic 100 (type SD1) ■ For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers ■ With removable thermal insulation, integral internal indirect coil for connection to solar collectors and clamping devices for attaching immersion temperature sensors <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Solar flow temperature up to 140 °C ■ Operating pressure on the solar side up to 10 bar (1 MPa) 	Z021878 3.082,- ◁B	Part no. Euro Energy
Specification			
Type		SEIA	
Length		859	mm
Width		1089	mm
Height		1617	mm
Handling dimensions		650	Ø mm
Weight		154	kg

10.9


- ▶ For additional information and accessories for the Solar-Divicon, see Register 9.4
- ▶ For additional information and accessories for the solar controller, see Register 9.5

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VITOCELL 140-E/160-E

Vitocell 160-E		Cylinder capacity (litres)		MG WH
		750	950	
	<p>Vitocell 160-E, Vitosilver</p> <ul style="list-style-type: none"> ■ For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers ■ With removable thermal insulation, integral internal indirect coil for connection to solar collectors, stratification system and clamping devices for attaching immersion temperature sensors to the cylinder jacket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Solar flow temperature up to 140 °C ■ Operating pressure on the solar side up to 10 bar (1 MPa) 	Z014457 2.863,-	Z014458 3.608,-	Part no. Euro
	<p>Vitocell 160-E, Vitoparlwhite</p> <ul style="list-style-type: none"> ■ For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers ■ With removable thermal insulation, integral internal indirect coil for connection to solar collectors, stratification system and clamping devices for attaching immersion temperature sensors to the cylinder jacket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Solar flow temperature up to 140 °C ■ Operating pressure on the solar side up to 10 bar (1 MPa) 	Z021882 2.863,-	Z021883 3.608,-	Part no. Euro
	<p>Vitocell 160-E, Vitographite</p> <ul style="list-style-type: none"> ■ For storing heating water in conjunction with solar thermal systems, heat pumps and solid fuel boilers ■ With removable thermal insulation, integral internal indirect coil for connection to solar collectors, stratification system and clamping devices for attaching immersion temperature sensors to the cylinder jacket <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Solar flow temperature up to 140 °C ■ Operating pressure on the solar side up to 10 bar (1 MPa) 	Z024756 2.863,-	Z024757 3.608,-	Part no. Euro Energy
Specification				
Type		SESB	SESB	
Length		1064	1064	mm
Width		1119	1119	mm
Height		1900	2200	mm
Handling dimensions		790	790	Ø mm
Weight		168	193	kg


10.9

Accessories					
Accessories					MG WO
	400	600	750	950	
Cylinder capacity (litres) Solar-Divicon with connection set Fully fitted set for connection to the solar side of the solar indirect coil in the heating water buffer cylinder <ul style="list-style-type: none"> ■ Solar-Divicon, type PS10 (pump module for collector circuit) for installation on the cylinder with a variable speed high efficiency circulation pump ■ Pre-assembled pipework with fittings for connection to the Vitocell  <p><i>Part of the standard delivery with 400 litre cylinder capacity</i></p>					
Solar-Divicon with SDIO/SM1A electronics module	–		Z021905 1.474,–		Part no. Euro
Solar-Divicon with Vitosolic 100 (type SD1)	–		Z021906 1.525,–		Part no. Euro
Solar-Divicon without solar controller	–		Z021907 1.131,–		Part no. Euro

- ▶ For additional information and accessories for the Solar-Divicon, see Register 9.4
- ▶ For additional information and accessories for the solar controller, see Register 9.5

VITOCELL 140-E/160-E

Accessories

Accessories					
Vitotrans 353					
Cylinder capacity (litres)	400	600	750	950	MG WH
Freshwater module with DHW circulation pump Compact and fully pre-assembled module for convenient DHW heating using the instantaneous water heating principle <ul style="list-style-type: none"> ■ For installation on the cylinder ■ With integral, pre-wired and preset control unit for setting the required DHW temperature ■ With large, highly efficient plate heat exchanger for a low return temperature ■ With return distribution set for temperature-dependent stratification of the return in the heating water buffer cylinder by means of a temperature control function ■ With flow rate transducer for precise flow measurement in the DHW circuit ■ With variable speed high efficiency circulation pump for the primary circuit ■ With shut-off valves with integral non-return valve ■ With pre-assembled mounting panel, pipework and connection pieces for connecting to the cylinder 					
Vitotrans 353, type PZSA <ul style="list-style-type: none"> ■ With draw-off rate up to 25 l/min ■ Stainless steel plate heat exchanger, copper brazed 	Z021868 3.644,-		Z021866 3.773,-		Part no. Euro
Vitotrans 353, type PZMA <ul style="list-style-type: none"> ■ With draw-off rate up to 48 l/min ■ Stainless steel plate heat exchanger, copper brazed 	-		Z021867 4.782,-		Part no. Euro
Vitotrans 353, type PZMA-S <ul style="list-style-type: none"> ■ With draw-off rate up to 48 l/min ■ Stainless steel plate heat exchanger, stainless steel brazed 	-		Z021871 6.019,-		Part no. Euro


Please note:

Draw-off rates according to SPF test procedure

- Performance factor 1 (PF 1)
- At set DHW temperature 45 °C
- At heating water flow temperature 60 °C
- At cold water inlet temperature 10 °C

For additional draw-off rates: see datasheet.




► For additional information regarding the Vitotrans 353 for wall mounting and accessories: see Register 10.10.

Accessories					
Cylinder capacity (litres)	400	600	750	950	
Heat meter (for type PZSA and PZMA/PZMA-S) <ul style="list-style-type: none"> ■ For installation in the freshwater module ■ Measurement of the heating water flow temperature, heating water return temperature and flow rate (primary side) ■ With display showing the heating output, energy amounts, cumulative consumption, etc. 			ZK02916 1.072,-		Part no. Euro MG V
Sampling valve (for type PZMA/PZMA-S) <ul style="list-style-type: none"> ■ Heat-resistant valve for taking water samples in line with the Drinking Water Ordinance [Germany]. ■ For installation in the freshwater module. 			ZK02909 145,-		Part no. Euro MG V

10.9

VITOCELL 140-E/160-E

Accessories

Accessories				
Accessories				
Cylinder capacity (litres)				
	400	600	750	950
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 	7151989 114,-			Part no. Euro MG W
Thermometer, analogue For installation in the thermal insulation or front panel of the DHW cylinder Max. 4 pce	7595765 35,-			Part no. Euro MG W
Thermal insulation caps (6 pce) For unused cylinder connections	-	ZK01545 60,-		Part no. Euro MG W
Immersion heater				
Cylinder capacity (litres)				
	400	600	750	950
Immersion heater EHE  Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller 	Z012684 617,-			Part no. Euro MG W
Immersion heater EHE  Selectable heating output 4, 8 or 12 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller 	-	Z012687 715,-		Part no. Euro MG W
Miscellaneous				
Cylinder capacity (litres)				
	400	600	750	950
Transport aid  For easier handling of all vertical DHW cylinders With removable thermal insulation <i>Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.</i>	ZK01793 302,-			Part no. Euro MG N

10.9

10.9

VITOCELL 320-M

Heating water buffer cylinders with DHW heating
750 and 910 litre capacity



Vitocell 320-M

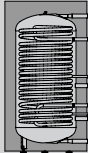
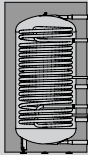
Vitocell 320-M, type SVHA

Multi mode heating water buffer cylinder with integral DHW heating

- Vitocell 320-M - combination of heating water buffer cylinder and DHW cylinder
- For heating systems with multiple heat generators. Particularly suitable in conjunction with Viessmann wood heating systems for DHW heating and central heating backup
- Connections at different heights enable the utilisation of different heat generators.
- Modest space requirement and straightforward installation – combined DHW cylinder and buffer cylinder in a single appliance
- Corrugated DHW pipe made from high alloy stainless steel, integrated inside the cylinder to be flexible and stress-free
- 2 immersion heaters (accessories): 1 immersion heater for integrating photovoltaic systems and 1 immersion heater for the comfort function in summer mode in conjunction with wood heating systems

10.11

VITOCCELL 320-M

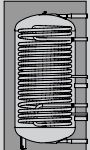
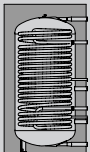
Vitocell 320-M	Standard thermal insulation	Total capacity (litres)		MG WH
		750	910	
	<p>Vitocell 320-M, Vitopearlwhite Heating water buffer cylinder with integral stainless steel corrugated pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z024672 4.486,-	Z024673 5.064,-	Part no. Euro
	<p>Vitocell 320-M, Vitographite Heating water buffer cylinder with integral stainless steel corrugated pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z024674 4.486,-	Z024675 5.064,-	Part no. Euro
Specification				
Type		SVHA	SVHA	
Length		1064	1064	mm
Width		1119	1119	mm
Height		1900	2200	mm
Handling dimensions		790	790	Ø mm
Weight		164	187	kg
Heating water capacity		721	881	l
DHW capacity		29	29	l

Please note:

For connecting a DHW circulation pipe, a threaded DHW circulation fitting (part no. 7457484) must also be ordered as an accessory.

Heating water buffer cylinder with a cylinder capacity of 400 l (without solar indirect coil): See Vitocell 340-M price sheet.

VITOCELL 320-M

Vitocell 320-M	Highly efficient thermal insulation	Total capacity (litres)		MG WH
		750	910	
	Vitocell 320-M, Vitopearlwhite Heating water buffer cylinder with integral stainless steel corrugated pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z024791 5.114,-	Z024792 5.774,-	Part no. Euro
		Z024793 5.114,-	Z024794 5.774,-	
	Vitocell 320-M, Vitographite Heating water buffer cylinder with integral stainless steel corrugated pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z024793 5.114,-	Z024794 5.774,-	Part no. Euro
		Z024793 5.114,-	Z024794 5.774,-	
Specification				
Type		SVHA	SVHA	
Length		1064	1064	mm
Width		1119	1119	mm
Height		1970	2275	mm
Handling dimensions		790	790	Ø mm
Weight		168	191	kg
Heating water capacity		721	881	l
DHW capacity		29	29	l

Please note:




For connecting a DHW circulation pipe, a threaded DHW circulation fitting (part no. 7457484) must also be ordered as an accessory.

Heating water buffer cylinder with a cylinder capacity of 400 l (without solar indirect coil): See Vitocell 340-M price sheet.

10.11

VITOCELL 320-M





Accessories

Accessories			
Accessories			MG W
	750	910	
Total capacity (litres) Safety assembly to DIN 1988 (DN 20, R ¾) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge connector Max. heat input: 150 kW			7180662 251,- Part no. Euro
Threaded DHW circulation fitting For connecting a DHW circulation pipe to the DHW connection			7457484 153,- Part no. Euro
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatically controlled system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 			7151989 114,- Part no. Euro
Circulation pump for cylinder heating For boilers up to 40 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172611 460,- Part no. Euro
Circulation pump for cylinder heating For boilers from 40 to 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172612 534,- Part no. Euro
Circulation pump for cylinder heating For boilers from 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 			7172613 1.485,- Part no. Euro
Threaded elbow For installing a cylinder temperature sensor in the heating flow or return.			7219729 41,- Part no. Euro
Thermostatic DHW circulation set For integration in hot water systems with DHW circulation pipe <ul style="list-style-type: none"> ■ Automatic thermostatic mixing valve ■ Setting range: 35 to 60 °C ■ Integral non-return valves ■ Threaded connection R ¾ ■ Thermal insulation 			ZK01284 337,- Part no. Euro
Automatic thermostatic mixing valve For integration in hot water systems without DHW circulation pipe <ul style="list-style-type: none"> ■ Setting range: 35 to 60 °C ■ Threaded connection G 1, flat gasket 			7438940 85,- Part no. Euro
Thermometer, analogue For installation in the thermal insulation or front panel of the DHW cylinder Max. 4 pce			7595765 35,- Part no. Euro

10.11

VITOCELL 320-M

Accessories

Accessories				
Diverter valves				
Total capacity (litres)		750	910	MG W
3-way diverter valve <ul style="list-style-type: none"> ■ With electric drive ■ Connection R 1 (female thread) 		7814924 350,-		Part no. Euro
Immersion heater				
Total capacity (litres)		750	910	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller 		Z012684 617,-		Part no. Euro
Immersion heater EHE Selectable heating output 4, 8 or 12 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m ³) <ul style="list-style-type: none"> ■ High limit temperature cut-out device ■ Temperature controller 		Z012687 715,-		Part no. Euro
Miscellaneous				
Total capacity (litres)		750	910	MG N
Transport aid For easier handling of all vertical DHW cylinders <ul style="list-style-type: none"> ■ With removable thermal insulation <i>Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more</i> 		ZK01793 302,-		Part no. Euro

10.11

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10.11

VITOCELL 340-M/360-M

Heating water buffer cylinders with DHW heating
400, 750 and 950 litre capacity



Vitocell 340-M/360-M

Vitocell 340-M, type SVKA

Multi mode heating water buffer cylinder with integral DHW heating

Vitocell 340-M, type SVKC

Multi mode heating water buffer cylinder with integral DHW heating, internal indirect coil for connection to solar collectors and optional Solar-Divicon

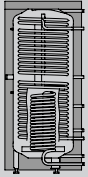
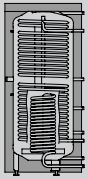
Vitocell 360-M, type SVSB

Multi mode heating water buffer cylinder with stratification system, integral DHW heating, internal indirect coil for connection to solar collectors and optional Solar-Divicon

- Vitocell 340-M/360-M – combination of heating water buffer cylinder and DHW cylinder
- For heating systems with several heat generators. Particularly suitable in connection with Viessmann solar thermal systems for DHW heating and central heating backup
- Connections at different heights enable the utilisation of different heat generators, e.g. a solid fuel boiler. The temperature stratification remains unaffected.
- Modest space requirement and straightforward installation – combined DHW cylinder and buffer cylinder in a single appliance
- Corrugated DHW pipe made from high-alloy stainless steel, integrated inside the cylinder to be flexible and stress-free
- Optimum utilisation of solar energy through deliberate cooling in the lower section via the large indirect coil surface of the corrugated DHW pipe
- Vitocell 360-M: the stratification system ensures that the water heated by solar energy is stratified into temperature layers, making DHW heated in this way available very quickly.

10.12

VITOCELL 340-M/360-M

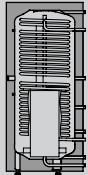
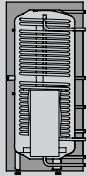
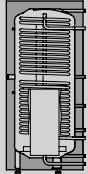
Vitocell 340-M		Capacity (litres)		MG WH
		750	950	
	Vitocell 340-M, Vitosilver Heating water buffer cylinder with solar indirect coil, integral corrugated stainless steel pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Solar flow temperature up to 140 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the solar side up to 10 bar (1 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z014459 4.873,-	Z014460 5.620,-	Part no. Euro Energy
		Vitocell 340-M, Vitopearlwhite Heating water buffer cylinder with solar indirect coil, integral corrugated stainless steel pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Solar flow temperature up to 140 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the solar side up to 10 bar (1 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z021892 4.873,-	Z021893 5.620,-
	Vitocell 340-M, Vitographite Heating water buffer cylinder with solar indirect coil, integral corrugated stainless steel pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation For systems with the following operating data: <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Solar flow temperature up to 140 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the solar side up to 10 bar (1 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z024759 4.873,-	Z024760 5.620,-	Part no. Euro
Specification				
Type		SVKC	SVKC	
Length		1064	1064	mm
Width		1119	1119	mm
Height		1900	2200	mm
Handling dimensions		790	790	Ø mm
Weight		199	222	kg
Heating water capacity		708	906	l
DHW capacity		30	30	l
Solar indirect coil capacity		12	14	l

Please note:

If connecting a DHW circulation pipe, the threaded DHW circulation fitting (accessories, part no. 7457484) must also be ordered.

10.12

VITOCELL 340-M/360-M

Vitocell 360-M		Capacity (litres)		MG WH
		750	950	
	<p>Vitocell 360-M, Vitosilver Heating water buffer cylinder with solar indirect coil, stratification system and integral corrugated stainless steel pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Solar flow temperature up to 140 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the solar side up to 10 bar (1 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z014461 5.935,-	Z014462 6.951,-	Part no. Euro
	<p>Vitocell 360-M, Vitopearlwhite Heating water buffer cylinder with solar indirect coil, stratification system and integral corrugated stainless steel pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Solar flow temperature up to 140 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the solar side up to 10 bar (1 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z021895 5.935,-	Z021896 6.951,-	Part no. Euro
	<p>Vitocell 360-M, Vitographite Heating water buffer cylinder with solar indirect coil, stratification system and integral corrugated stainless steel pipe for DHW heating, 2 thermometers, clamping devices for attaching immersion temperature sensors to the cylinder jacket and removable thermal insulation</p> <p>For systems with the following operating data:</p> <ul style="list-style-type: none"> ■ Heating water flow temperature up to 110 °C ■ Solar flow temperature up to 140 °C ■ Permissible DHW temperature up to 95 °C ■ Operating pressure on the heating water side up to 3 bar (0.3 MPa) ■ Operating pressure on the solar side up to 10 bar (1 MPa) ■ Operating pressure on the DHW side up to 10 bar (1 MPa) 	Z024761 5.935,-	Z024762 6.951,-	Part no. Euro
Specification				
Type		SVSB	SVSB	
Length		1064	1064	mm
Width		1119	1119	mm
Height		1900	2200	mm
Handling dimensions		790	790	Ø mm
Weight		208	231	kg
Heating water capacity		708	906	l
DHW capacity		30	30	l
Solar indirect coil capacity		12	14	l


10.12

Please note:

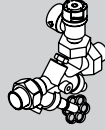
If connecting a DHW circulation pipe, the threaded DHW circulation fitting (accessories, part no. 7457484) must also be ordered.

VITOCELL 340-M/360-M

Accessories

Accessories				
Accessories				
Cylinder capacity (litres)		750	950	MG WO
Solar-Divicon with connection set Fully fitted set for connection to the solar side of the solar indirect coil in the heating water buffer cylinder <ul style="list-style-type: none"> ■ Solar-Divicon, type PS10 (pump module for collector circuit) for mounting on the cylinder with a variable speed high efficiency circulation pump ■ Pre-assembled pipework with fittings for connection to the Vitocell 				
Solar-Divicon with SDIO/SM1A electronics module		Z021905 1.474,-		Part no. Euro
Solar-Divicon with Vitosolic 100 (type SD1)		Z021906 1.525,-		Part no. Euro
Solar-Divicon without solar controller		Z021907 1.131,-		Part no. Euro







- For additional information and accessories for the Solar-Divicon, see Register 8.4
- For additional information and accessories for the solar controller, see Register 8.5

Accessories				
Total capacity (litres)		750	950	MG W
Safety assembly to DIN 1988 (DN 20, R 3/4) <ul style="list-style-type: none"> ■ Diaphragm safety valve 10 bar (1 MPa) ■ Shut-off valve ■ Non-return valve and test connector ■ Pressure gauge connector Max. heat input: 150 kW		7180662 251,-		Part no. Euro
Threaded DHW circulation fitting For connecting a DHW circulation pipe to the DHW connection		7457484 153,-		Part no. Euro
Temperature controller <ul style="list-style-type: none"> ■ With a thermostatic system ■ With top-hat rail to be fitted to the DHW cylinder or the wall ■ Setting range 30 to 60 °C, adjustable up to 110 °C ■ Length of capillary tube 1400 mm, sensor Ø 6 mm ■ Without sensor well 		7151989 114,-		Part no. Euro
Circulation pump for cylinder heating For boilers up to 40 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 		7172611 460,-		Part no. Euro
Circulation pump for cylinder heating For boilers from 40 to 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 		7172612 534,-		Part no. Euro
Circulation pump for cylinder heating For boilers from 70 kW <ul style="list-style-type: none"> ■ High efficiency circulation pump ■ Fully wired ■ With check valve 		7172613 1.485,-		Part no. Euro

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VITOCELL 340-M/360-M

Accessories

Accessories			
Accessories			
Total capacity (litres)	750	950	MG W
Threaded elbow For installing a cylinder temperature sensor in the heating flow or return.	7219729 41,-		Part no. Euro
Thermostatic DHW circulation set For integration in hot water systems with DHW circulation pipe <ul style="list-style-type: none"> Automatic thermostatic mixing valve Setting range: 35 to 60 °C Integral non-return valves Threaded connection R ¾ Thermal insulation 	ZK01284 337,-		Part no. Euro
Automatic thermostatic mixing valve For integration in hot water systems without DHW circulation pipe <ul style="list-style-type: none"> Setting range: 35 to 60 °C Threaded connection G 1, flat gasket 	7438940 85,-		Part no. Euro
Thermometer, analogue For installation in the thermal insulation or front panel of the DHW cylinder Max. 4 pce The Vitocell 340-M with 400 litre capacity is provided with 2 thermometers; these are already installed.	-	7595765 35,-	Part no. Euro
Diverter valves			
Total capacity (litres)	750	950	MG W
3-way diverter valve <ul style="list-style-type: none"> With electric drive Connection R 1 (female thread) 	7814924 350,-		Part no. Euro
Immersion heater			
Total capacity (litres)	750	950	MG W
Immersion heater EHE Selectable heating output 2, 4 or 6 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell <ul style="list-style-type: none"> High limit temperature cut-out device Temperature controller For installation in the upper section of the Vitocell 	Z012684 617,-		Part no. Euro
Immersion heater EHE Selectable heating output 4, 8 or 12 kW Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell <ul style="list-style-type: none"> High limit temperature cut-out device Temperature controller For installation in the upper section of the Vitocell 	Z012687 715,-		Part no. Euro
Miscellaneous			
Total capacity (litres)	750	950	MG N
Transport aid For easier handling of all vertical DHW cylinders With removable thermal insulation <i>Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.</i> 	ZK01793 302,-		Part no. Euro

10.12

10.12

VITOTRANS 353

Freshwater module
For DHW heating using the instantaneous water heating principle
For wall mounting



Vitotrans 353

Vitotrans 353, type PBSA

Draw-off rate up to 25 l/min

Vitotrans 353, type PBMA, PBMA-S

Draw-off rate up to 48 l/min

Vitotrans 353, type PBLA, PBLA-S




Draw-off rate up to 68 l/min

- High draw-off rate enables a wide application range, e.g. in detached and two-family houses, sports facilities, retirement homes
- Thanks to the instantaneous water heating principle, fresh DHW is available at all times; no DHW storage is required.
- Pre-installed module for quick and easy wall or cylinder mounting - the control unit and high efficiency circulation pump are already fitted and connected.
- The compact design enables easy integration into an existing heating system with heating water buffer cylinder
- Ideally suited for connection to low temperature heating systems with solar thermal systems, due to the low flow temperature required
- Can be linked in cascade arrangement without additional external control unit (type PBMA/PBMA-S/PBLA/PBLA-S)
- Available for varying water qualities with a copper brazed or stainless steel brazed plate heat exchanger

10.13

VITOTRANS 353

Freshwater module

Vitotrans 353 with stainless steel plate heat exchanger, copper brazed			
Vitotrans 353			MG WH
<p>Vitotrans 353 freshwater module (without DHW circulation pump) Compact and fully pre-assembled module for convenient DHW heating using the instantaneous water heating principle</p> <ul style="list-style-type: none"> ■ For wall mounting ■ With integral, prewired and preset control unit for setting the required DHW temperature, plus thermostatic control of the distribution set ■ With large, highly efficient plate heat exchanger for a low return temperature ■ With flow rate transducer for precise flow measurement in the DHW circuit ■ With variable speed high efficiency circulation pump for the primary circuit ■ With shut-off valves with integral non-return valve ■ With wall mounting bracket and thermal insulation ■ Can be linked in cascade with 4 of the same modules (type PBMA/PBLA). 			
<p>Vitotrans 353, type PBSA With draw-off rate up to 25 l/min</p> <p>Length 346 mm Height 943 mm Width 250 mm Weight 19 kg</p>			Z021863 2.728,- Part no. Euro
<p>Vitotrans 353, type PBMA With draw-off rate up to 48 l/min</p> <p>Length 346 mm Height 943 mm Width 250 mm Weight 26 kg</p>			Z021864 3.623,- Part no. Euro
<p>Vitotrans 353, type PBLA With draw-off rate up to 68 l/min</p> <p>Length 342 mm Height 990 mm Width 410 mm Weight 36 kg</p>			Z021865 5.011,- Part no. Euro

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► Vitotrans 353 for installation on a heating water buffer cylinder: see Vitocell 100-E/120-E/140-E/160-E.

Please note:



Draw-off rates according to SPF test procedure

- Performance factor 1 (PF 1)
- At set DHW temperature 45 °C
- At heating water flow temperature 60 °C
- At cold water inlet temperature 10 °C

For additional draw-off rates: see datasheet.

VITOTRANS 353

Freshwater module

Vitotrans 353 with stainless steel plate heat exchanger, stainless steel brazed				
Vitotrans 353			MG WH	
<p>Vitotrans 353 freshwater module (without DHW circulation pump) Compact and fully pre-assembled module for convenient DHW heating using the instantaneous water heating principle</p> <ul style="list-style-type: none"> ■ For wall mounting ■ With integral, prewired and preset control unit for setting the required DHW temperature, plus thermostatic control of the distribution set ■ With large, highly efficient plate heat exchanger for a low return temperature ■ With flow rate transducer for precise flow measurement in the DHW circuit ■ With variable speed high efficiency circulation pump for the primary circuit ■ With shut-off valves with integral non-return valve ■ With wall mounting bracket and thermal insulation ■ Can be linked in cascade with 4 of the same modules (type PBMA/PBLA). 				
<p>Vitotrans 353, type PBMA-S With draw-off rate up to 48 l/min</p> <p>Length 346 mm Height 943 mm Width 250 mm Weight 26 kg</p>			<p>Z021869 4.477,-</p>	<p>Part no. Euro</p>
<p>Vitotrans 353, type PBLA-S With draw-off rate up to 68 l/min</p> <p>Length 342 mm Height 990 mm Width 410 mm Weight 36 kg</p>				<p>Z021870 6.038,-</p>

► Vitotrans 353 for installation on a heating water buffer cylinder: see Vitocell 100-E/120-E/140-E/160-E.

Please note:

Draw-off rates according to SPF test procedure








- Performance factor 1 (PF 1)
- At set DHW temperature 45 °C
- At heating water flow temperature 60 °C
- At cold water inlet temperature 10 °C

For additional draw-off rates: see datasheet.

10.13

VITOTRANS 353







Accessories

Accessories			
Accessories			
DHW circulation set (for type PBSA) <ul style="list-style-type: none"> ■ For installation in the freshwater module ■ For retrofitting the freshwater module (for wall mounting) with a DHW circulation pump ■ With shut-off valve, variable speed high efficiency circulation pump and pipework 		ZK02901 734,-	MG V Part no. Euro
DHW circulation set (for type PBMA/PBMA-S and PBLA/PBLA-S) <ul style="list-style-type: none"> ■ For installation in the freshwater module ■ For retrofitting the freshwater module (for wall mounting) with a DHW circulation pump ■ With shut-off valve, variable speed high efficiency circulation pump and pipework 		ZK02902 734,-	Part no. Euro
Return distribution set (for type PBSA) <ul style="list-style-type: none"> ■ 3-way diverter valve G 1 (male) for external installation ■ For temperature-dependent stratification of the return in the heating water buffer cylinder 		ZK02903 388,-	Part no. Euro
Return distribution set (for type PBMA/PBMA-S) <ul style="list-style-type: none"> ■ 3-way diverter valve G 1¼ (male) for external installation ■ For temperature-dependent stratification of the return in the heating water buffer cylinder 		ZK02904 448,-	Part no. Euro
Return distribution set (for type PBLA/PBLA-S) <ul style="list-style-type: none"> ■ 3-way diverter valve G 1½ (male) for external installation ■ For temperature-dependent stratification of the return in the heating water buffer cylinder 		ZK02905 464,-	Part no. Euro
Sampling valve (for type PBMA/PBMA-S and PBLA/PBLA-S) <ul style="list-style-type: none"> ■ Heat-resistant valve for taking water samples in line with the Drinking Water Ordinance [Germany] ■ For installation in the freshwater module 		ZK02909 145,-	Part no. Euro
Sensors			
10.13	Pt1000 immersion temperature sensor To capture the temperature in a sensor well. With connecting lead (5 m long) <ul style="list-style-type: none"> ■ For switching the return distribution set by means of temperature differential control (one of the temperature sensors required for this is included in the standard delivery of the freshwater module). ■ For installation in the heating water buffer cylinder 	ZK02908 55,-	MG V Part no. Euro

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VITOTRANS 353

Accessories

Accessories			
Freshwater module as a cascade			MG V
Diverter valve (for type PBMA/PBMA-S) <ul style="list-style-type: none"> ■ 2-way valve G 1 (male) for external installation ■ For each freshwater module of the cascade (1 x required per freshwater module) 		ZK02910 412,-	Part no. Euro
Diverter valve (for type PBLA/PBLA-S) <ul style="list-style-type: none"> ■ 2-way valve G1¼ (male) for external installation ■ For each freshwater module of the cascade (1 x required per freshwater module) 		ZK02911 443,-	Part no. Euro
Return distribution set For cascade with 2 modules. <ul style="list-style-type: none"> ■ 3-way diverter valve Rp 1½ (female) for external installation ■ For temperature-dependent stratification of the return in the heating water buffer cylinder 		ZK02906 437,-	Part no. Euro
Return distribution set For cascade with 3 or 4 modules. <ul style="list-style-type: none"> ■ 3-way diverter valve Rp 2 (female) for external installation ■ For temperature-dependent stratification of the return in the heating water buffer cylinder 		ZK02907 519,-	Part no. Euro
DHW circulation pump (70 W) <ul style="list-style-type: none"> ■ High efficiency circulation pump for DHW circulation ■ For external installation ■ For switching via the freshwater module control unit <i>Only high efficiency circulation pumps can be connected to the Vitotrans 353 control unit.</i> 		ZK02912 458,-	Part no. Euro
DHW circulation pump (140 W) <ul style="list-style-type: none"> ■ High efficiency circulation pump for DHW circulation ■ For external installation ■ For switching via the freshwater module control unit <i>Only high efficiency circulation pumps can be connected to the Vitotrans 353 control unit.</i> 		ZK02913 603,-	Part no. Euro
VBus cable For connecting the control units of the freshwater modules in a cascade.		ZK02914 21,-	Part no. Euro
Contact temperature sensor Pt1000 <ul style="list-style-type: none"> ■ To capture a temperature on a pipe ■ For optimised control of the DHW circulation pump 		ZK02915 56,-	Part no. Euro
Sensors			MG V
Pt1000 immersion temperature sensor To capture the temperature in a sensor well. With connecting lead (5 m long) <ul style="list-style-type: none"> ■ For switching the return distribution set by means of temperature differential control (one of the temperature sensors required for this is included in the standard delivery of the freshwater module). ■ For installation in the heating water buffer cylinder 		ZK02908 55,-	Part no. Euro
Accessories			MG V
Sampling valve (for type PBMA/PBMA-S and PBLA/PBLA-S) <ul style="list-style-type: none"> ■ Heat-resistant valve for taking water samples in line with the Drinking Water Ordinance [Germany] ■ For installation in the freshwater module 		ZK02909 145,-	Part no. Euro

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VITOTRANS 100

Plate heat exchanger for transfer stations from heat supply networks,
for system separation in heating systems with underfloor heating
and for DHW heating

VITOTRANS 100										
Size	1	2	3						MG W	
Vitotrans 100, type PWT Heat exchanger plates and connections made of stainless steel (1.4401). With thermal insulation. ■ Permiss. operating temperature 130 °C ■ Permiss. operating pressure (primary/secondary side) 30 bar (3 MPa) For heating outputs, see datasheet.	3003485 642,-	3003486 811,-	3003487 1.100,-						Part no. Euro	
Accessories										
1 set fittings G 1¼ With flanged bushes and weld fitting DN 25 in St37.				7219771 67,-					Part no. Euro	
1 set fittings G 1¼ Can only be used with permissible operating temperature up to 120 °C and permissible operating pressure up to 10 bar (1 MPa). With flanged bushes and solder fitting DN 20 in gunmetal.				7219769 67,-					Part no. Euro	
1 set fittings G 1¼ Can only be used with permissible operating temperature up to 120 °C and permissible operating pressure up to 10 bar (1 MPa). With flanged bushes and solder fitting DN 25 in gunmetal.				7219770 67,-					Part no. Euro	
VITOTRANS 100										
Size	11	12	13	14	15	16	17	18	MG W	
Vitotrans 100, type PWT Heat exchanger plates and connections made of stainless steel (1.4401). With thermal insulation. ■ Permiss. operating temperature 200 °C ■ Permiss. operating pressure (primary/secondary side) 30 bar (3 MPa) For heating outputs, see datasheet.	3003488 1.140,-	3003489 1.615,-	3003490 2.073,-	3003491 2.566,-	3003492 1.423,-	3003493 1.929,-	3003494 2.580,-	3003495 3.327,-	Part no. Euro	
Accessories										
1 set fittings G 1 With flanged bushes and weld fitting DN 20 in St37.							7219402 36,-			Part no. Euro
1 set fittings G 1 Can only be used with permissible operating temperature up to 120 °C and permissible operating pressure up to 10 bar (1 MPa). With flanged bushes and solder fitting DN 20 in gunmetal.							7219401 36,-			Part no. Euro

Please note:

2 sets of fittings (primary and secondary) **must** be ordered for each Vitotrans 100.
1 set fittings includes 2 flanged bushes, 2 union nuts and 2 gaskets.

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10.13

VITOTRANS 200

Heat exchanger for DHW and swimming pool heating

Vitotrans 200								
Size	1	2	3	4	5	6	7	MG W
Vitotrans 200, type WTT Heat exchanger for heating DHW and swimming pool water with heating tube bundle made from Turbotec pipes. Heating tube bundle made from high alloy stainless steel. <ul style="list-style-type: none"> ■ Heating water side up to 110 °C and 10 bar (1 MPa) pressure ■ Secondary side up to 6 bar (0.6 MPa) pressure For heating outputs with different temperature spreads, see datasheet.	3003453 2.314,-	3003454 3.634,-	3003455 4.809,-	3003456 6.450,-	3003457 8.569,-	3003458 11.560,-	3003459 19.034,-	Part no. Euro
Accessories								
Size	1	2	3	4	5	6	7	MG W
1 mating flange set (2 pce) For further installation on the secondary side. Material: PVC	-	DN 80 7019955 240,-		DN 100 7019956 319,-		DN 125 7019957 535,-	DN 150 7033289 677,-	Part no. Euro

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VITOTRANS 200

Heat exchanger for obtaining heating energy in conjunction with steam heating systems

Vitotrans 200							MG W
Size	11	12	13	14	15	16	
Vitotrans 200, type WTD Heat exchanger for steam heating systems with heating tube bundle made from Turbotec pipes. Heating tube bundle made from high alloy stainless steel. ■ Saturated steam up to 13 bar (1.3 MPa) pressure CE designation in accordance with Pressure Equipment Directive CE-0035. For heating outputs, see datasheet.	3003473 4.137,-	3003474 5.917,-	3003475 7.409,-	3003476 11.450,-	3003477 17.037,-	3003478 24.444,-	Part no. Euro

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