► *See overleaf for further information*

Viessmann's integrated range of solutions

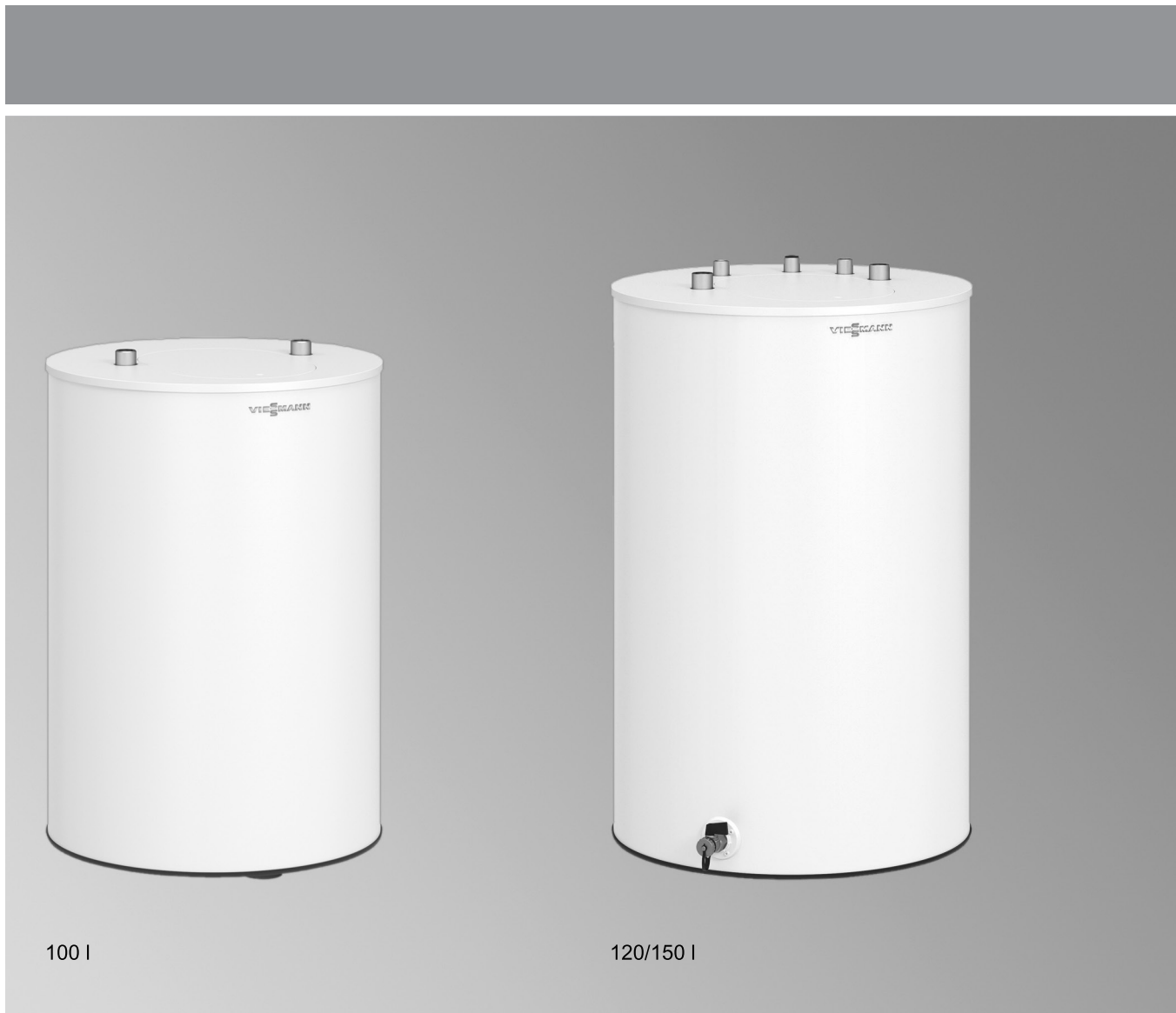|	
Value added services	
Digital services	
Connectivity and platforms	
Products & systems	VITOCELL 100-V VITOCELL 100-B VITOTRANS 353
	VITOCELL 100-W VITOCELL 100-E VITOCELL 320-M
	VITOCELL 340-M VITOCELL 140-E VITOTRANS 200
	VITOCELL 360-M VITOCELL 160-E VITOCELL 100-L
	VITOTRANS 100

10

DHW cylinders	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

Cylinder capacity (litres)

Heating water buffer cylinders	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			10.12
Heat exchangers										
Vitotrans 100 (plate heat exchanger)										10.13
Vitotrans 200 (Turbotec heat exchanger)										10.14

10

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

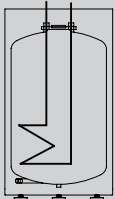5696868

100 l

120/150 l

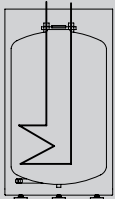## Vitocell 100-W

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.
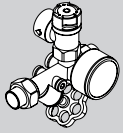
10.1

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: ■ 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: ■ 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

VIESMANN

5117658

Accessories

Accessories

Cylinder capacity (litres)	100	120	150	MG **W**
Safety assembly to DIN 1988 (DN 15, R ¾) ■ 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 ■ 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 ■ For wall mounting ■ Digital display of two temperatures		ZK05265 **75,–**		Part no. **Euro**
Impressed current anode ■ 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 ■ 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. ■ 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. ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Flange cover ■ Gasket ■ Power cable with connection plug	**–**	7958574 **618,–**		Part no. **Euro**

10.1

5117658

160/200 l   300 l   500 l
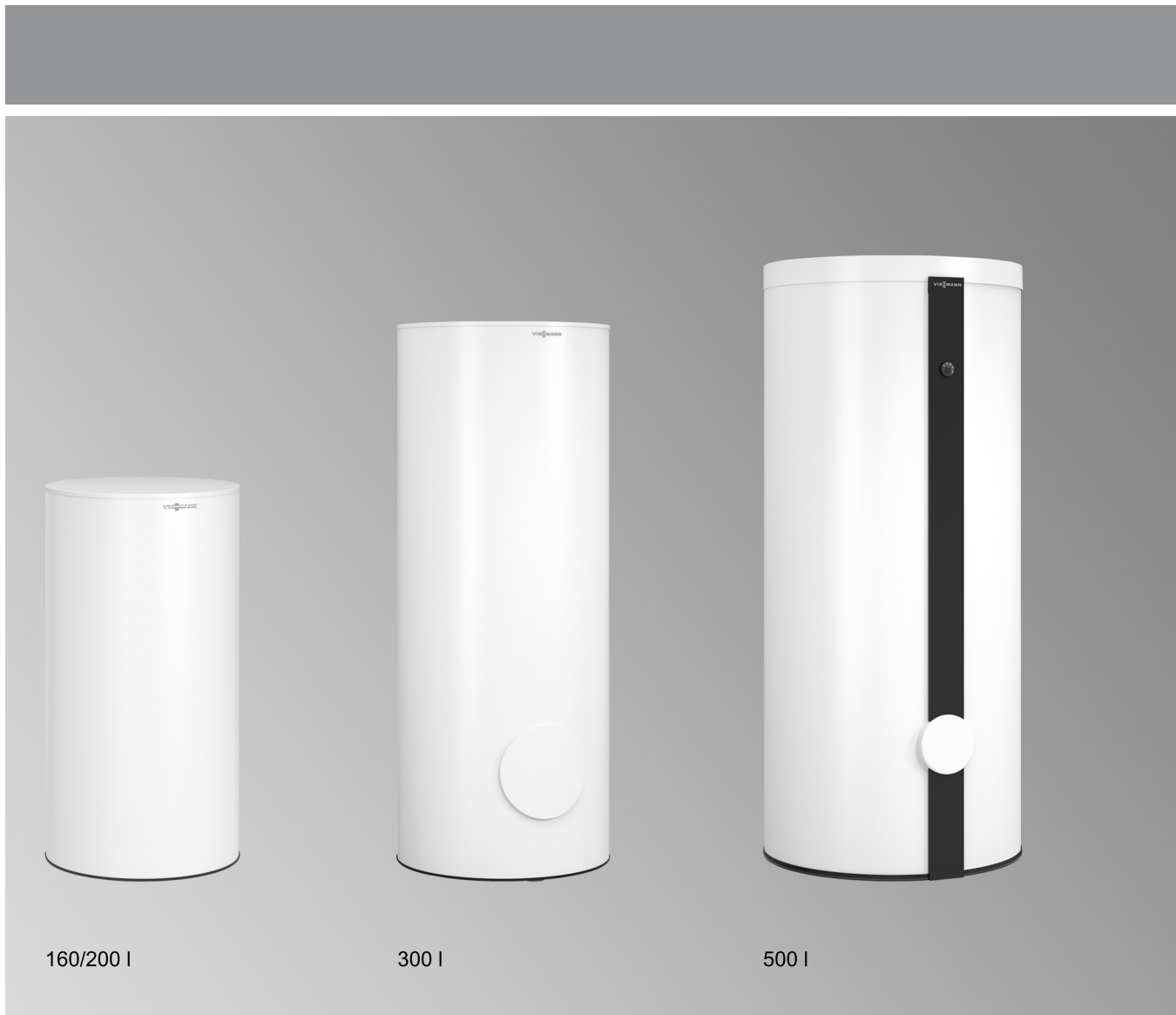
Vitocell 100-V
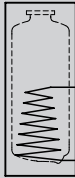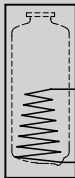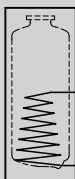
Type CVA/CVAA/CVAB/CVAB-A

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.

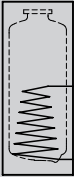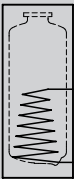**10.2**

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**	
	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 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 (1.0 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
	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 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 (1.0 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
	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) 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 (1.0 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.*
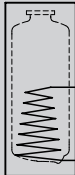
Vitocell 100-V Steel, with Ceraprotect enamel coating	Highly efficient thermal insulation Energy efficiency class A	Cylinder capacity (litres)		MG WH
		160	**200**	
	Vitocell 100-V, Vitosilver For DHW heating in conjunction with boilers and district heating systems For systems with the following operating data: ■ 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
	Vitocell 100-V, Vitopearlwhite For DHW heating in conjunction with boilers and district heating systems 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 (1.0 MPa) ■ DHW temperature up to 95 °C ■ Operating pressure on the DHW side up to 10 bar (1 MPa)	Z018466 **1.279,–** ◁A☐	Z018641 **1.320,–** ◁A☐	Part no. **Euro** Energy
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.*

10.2

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	
	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 For systems with the following operating data: ■ 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
	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 For systems with the following operating data: ■ 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)	Z021941 **2.859,–** ◁ B	–	–	Part no. **Euro** Energy

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

VIE**S**MANN

5812292

Accessories

Accessories								
Cylinder capacity (litres)		160	200	300	500	750	950	**MG W**
Safety assembly to DIN 1988 (DN 15, R ¾) ■ 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) ■ 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 ■ 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 ■ 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 ■ High efficiency circulation pump ■ Fully wired ■ With check valve		7172612 **534,–**						Part no. **Euro**
Circulation pump for cylinder heating For boilers from 70 kW ■ High efficiency circulation pump ■ Fully wired ■ With check valve		7172613 **1.485,–**						Part no. **Euro**
Impressed current anode ■ Maintenance-free ■ In place of the protective magnesium anode supplied		7265008 **480,–**				ZK01536 **729,–**		Part no. **Euro**
Thermometer ■ For wall mounting ■ Digital display of 2 temperatures		ZK05265 **75,–**		**–**				Part no. **Euro**

10.2

VITOCELL 100-V

Accessories

Accessories

Accessories							
Cylinder capacity (litres)	160	200	300	500	750	950	**MG W**
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 ■ 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 ■ 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 ■ 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							
Cylinder capacity (litres)	160	200	300	500	750	950	**MG W**
Transport aid For easier handling of all vertical DHW cylinders ■ 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 ■ 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**

Accessories

Immersion heater

Cylinder capacity (litres)	160	200	300	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/m³) For installation in the Vitocell ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: black ■ Gasket For installation in the **lower** section of the Vitocell	–		Z021938 **825,–**		–		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) For installation in the Vitocell ■ 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 **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 ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitopearl-white ■ Gasket For installation in the **lower** section of the Vitocell	–		Z021939 **825,–**	Z021940 **827,–**	–		Part no. **Euro**

10.2

VITOCELL 100-V

Accessories for cylinder banks

Accessories

Immersion heater									
Cylinder capacity (litres)		160	200	300	500	750	950	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 ■ 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/m³) ■ 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/m³) ■ 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**	

10.2

| Accessories for cylinder banks			
Cylinder capacity (litres)	**300**	**500**	**MG W**
Headers on the heating water side DN 50 ■ 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 ■ 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 ■ 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 ■ 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 ■ 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 ■ 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

5812292

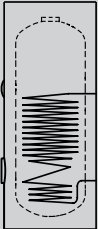200 l | 250 - 300 l | 390 - 500 l
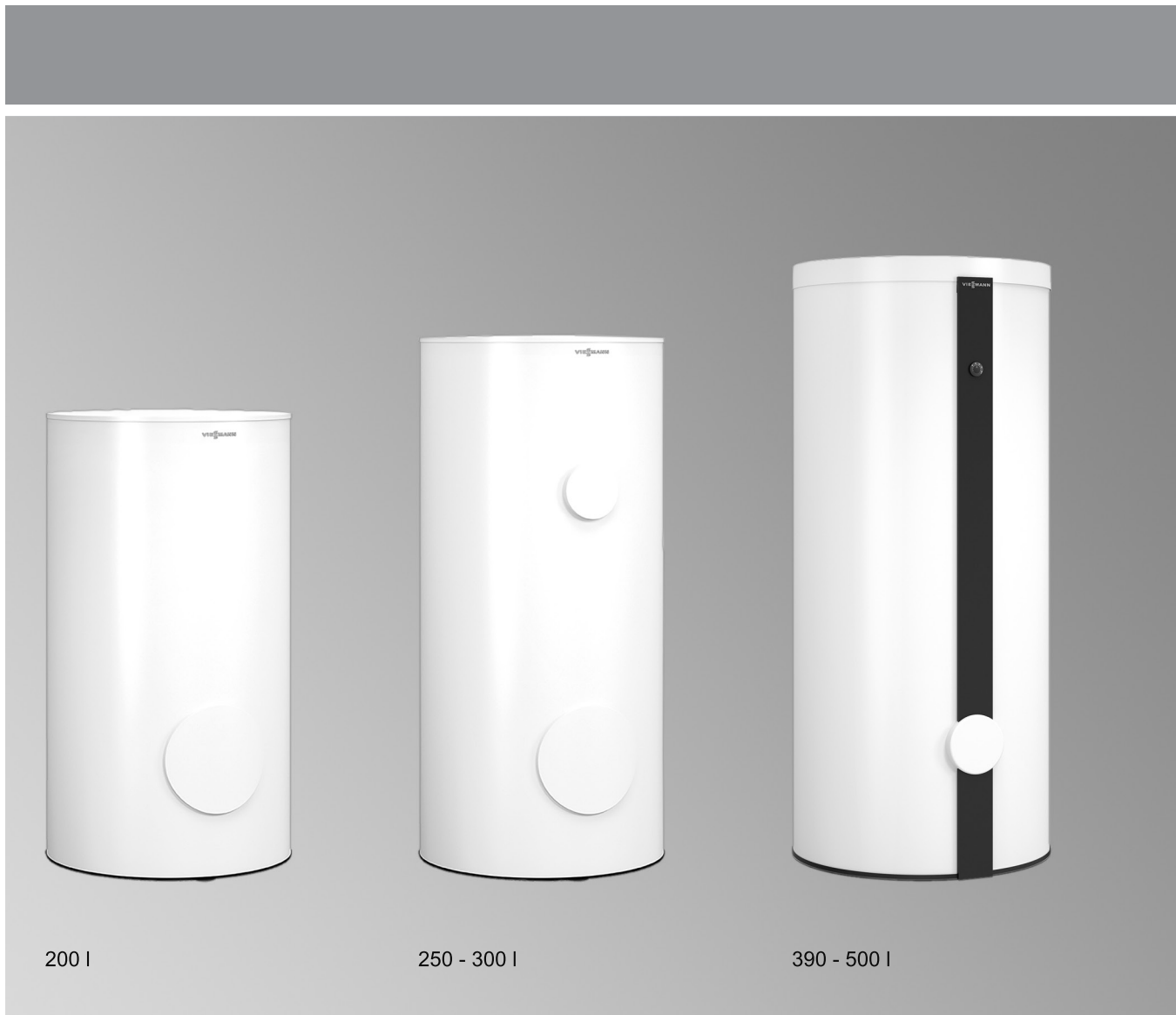
Vitocell 100-V

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)
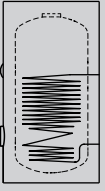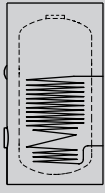
10.3

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		-	-	-	Ø 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
Steel, with Ceraprotect enamel coating

	Standard thermal insulation	Cylinder capacity (litres)		MG WH
		390	**500**	
	Vitocell 100-V, Vitopearlwhite ■ For DHW heating with heat pumps ■ With removable thermal insulation 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)	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	Ø 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 ■ For DHW heating with heat pumps ■ With removable thermal insulation 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)	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	Ø mm
Weight		187	215	kg

10.3

5812362

VITOCELL 100-V

Accessories

Accessories

Accessories							
Cylinder capacity (litres)		200	250	300	390	500	**MG W**
Safety assembly to DIN 1988 (DN 20, R ¾) ■ 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 Vitocell 100-V/100-W ■ Circulation pump ■ Plate heat exchanger ■ Pipework and connection pieces for cylinder connection ■ Thermal insulation		–			7186663 **867,–**		Part no. **Euro** **MG WO**
Temperature controller ■ 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 ■ 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 ■ High efficiency circulation pump ■ Fully wired ■ With check valve		7172612 **534,–**					Part no. **Euro**
Circulation pump for cylinder heating For boilers from 70 kW ■ High efficiency circulation pump ■ Fully wired ■ With check valve		7172613 **1.485,–**					Part no. **Euro**

Accessories

Accessories

Cylinder capacity (litres)	200	250	300	390	500	MG W
Impressed current anode ■ 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 ■ 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 ■ With **removable** thermal insulation *Not suitable for Vitocell 100-V/-B/-L with* 750 litre *capacity or more.*	**–**			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) ■ 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) ■ High limit temperature cut-out device ■ Temperature controller For installation in the **upper** section of the Vitocell	**–**	Z012684 **617,–**				Part no. **Euro**

10.3

5812362

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

NEW

200+50 l   250+50 l   300+50 l

Vitocell Modular 100-VE

Modular combined for heat pump heating and cooling systems
- Vitocell 100-V CVWC DHW cylinder
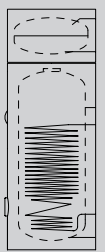- Vitocell 100-E MSCA heating water buffer cylinder

- 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
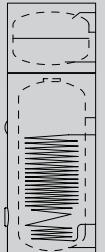- Designed for heating and cooling applications

10.4

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:
	■ Heating water flow temperature:
	  - DHW cylinder up to 160 °C
	  - Heating water buffer cylinder up to 110 °C
	■ Operating pressure on the heating water side
	  - 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:
	■ Heating water flow temperature:
	  - DHW cylinder up to 160 °C
	  - Heating water buffer cylinder up to 110 °C
	■ Operating pressure on the heating water side
	  - 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

5469474

Accessories

Accessories

Cylinder capacity (litres)	200	250	300	MG W
Safety assembly to DIN 1988 (DN 20, R ¾) ■ 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 ■ 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 ■ For wall mounting ■ Digital display of 2 temperatures		ZK05265 **75,–**		Part no. **Euro**

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/m^3) For installation in the Vitocell ■ 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,–**		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) ■ High limit temperature cut-out device ■ Temperature controller For installation in the **upper** section of the Vitocell	–	Z012684 **617,–**		Part no. **Euro**

10.4

5469474

VITOCELL MODULAR 100-VE

Heating water buffer cylinder accessories

Accessories

Accessories

Cylinder capacity (litres)	50	75	MG W
Temperature controller ■ 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 ■ For wall mounting ■ Digital display of 2 temperatures		ZK05265 **75,–**	Part no. **Euro**
Automatic air vent valve ■ 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) ■ High limit temperature cut-out device ■ Temperature controller	–	Z012684 **617,–**	Part no. **Euro**

10.4

5469474

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
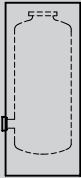Transferable heating output up to 80 kW, up to 120 kW and up to
240 kW

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 ■ For DHW heating in a loading system ■ Removable thermal insulation For systems with the following operating data: ■ 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 CC1I/CC1E), Vitotronic 200 (type CO1I/CO1E), Vitotronic 300 (type CM1I/CM1E), Vitotronic 300-K (type MW1B, MW2B) and Vitotronic 200-H (type HK1B, HK3B) are suitable for controlling the cylinder loading system.

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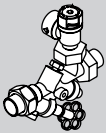
Please note:
The transferable heating output is based on 75 °C heating water flow temperature/35 °C heating water return temperature and 10 °C cold water inlet temperature/60 °C DHW outlet temperature.

Accessories

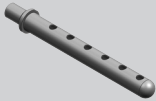|		MG W
Mixer assembly For Vitotrans 222 up to 120 kW transferable heating output For operation of the Vitotrans 222 with modulating flow temperature ■ 3-way mixing valve ■ Servomotor ■ Sensors ■ Pipework	7164620 **943,–**	Part no. **Euro**
Mixer assembly For Vitotrans 222 up to 240 kW transferable heating output For operation of the Vitotrans 222 with modulating flow temperature ■ 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 CC1I/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 ■ 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 ¾) ■ 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 ■ 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 ∎ 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 *Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.*	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 ∎ 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 ∎ 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 ∎ 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 ∎ 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**

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 **45,–**		Part no. **Euro**

10.5

5812297

VIESMANN   **10.5**– 5

10.5

5812297

300 l

400/500 l

Vitocell 100-B

Type CVB/CVBB/CVBC

Vertical steel DHW cylinder, with
Ceraprotect enamel coating
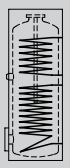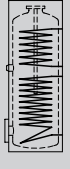
With 2 internal indirect coils:
- The lower indirect coil is used for heating via the solar collectors.
- The upper indirect coil is used for reheating, as required, via the heat generator.

- 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.
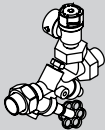
10.6

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: ▪ 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: ▪ 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▭	Z021915 **2.627,–** ◁B▭	Z021916 **3.116,–** ◁B▭		Part no. **Euro** Energy
Specification						
Type		CVBC	CVB	CVB		
Length		668	859	859		mm
Width		714	923	923		mm
Height		1687	1624	1948		mm
Handling dimensions		-	650	650		Ø mm
Weight		126	167	205		kg

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.
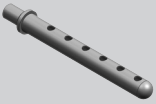
Accessories

Accessories				
Cylinder capacity (litres)	300	400	500	MG **W**
Safety assembly to DIN 1988 (DN 20, R ¾) ■ 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 ■ 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 ■ 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 ■ High efficiency circulation pump ■ Fully wired ■ With check valve		7172612 **534,–**		Part no. **Euro**
Circulation pump for cylinder heating For boilers from 70 kW ■ High efficiency circulation pump ■ Fully wired ■ With check valve		7172613 **1.485,–**		Part no. **Euro**
Impressed current anode ■ 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 ■ 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 ■ 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 ■ Setting range: 35 to 60 °C ■ Threaded connection G 1, flat gasket		7438940 **85,–**		Part no. **Euro**

10.6

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 ■ Flange ■ Gasket ■ Flange cover (Vitopearlwhite)		**–**		Part no. **Euro**

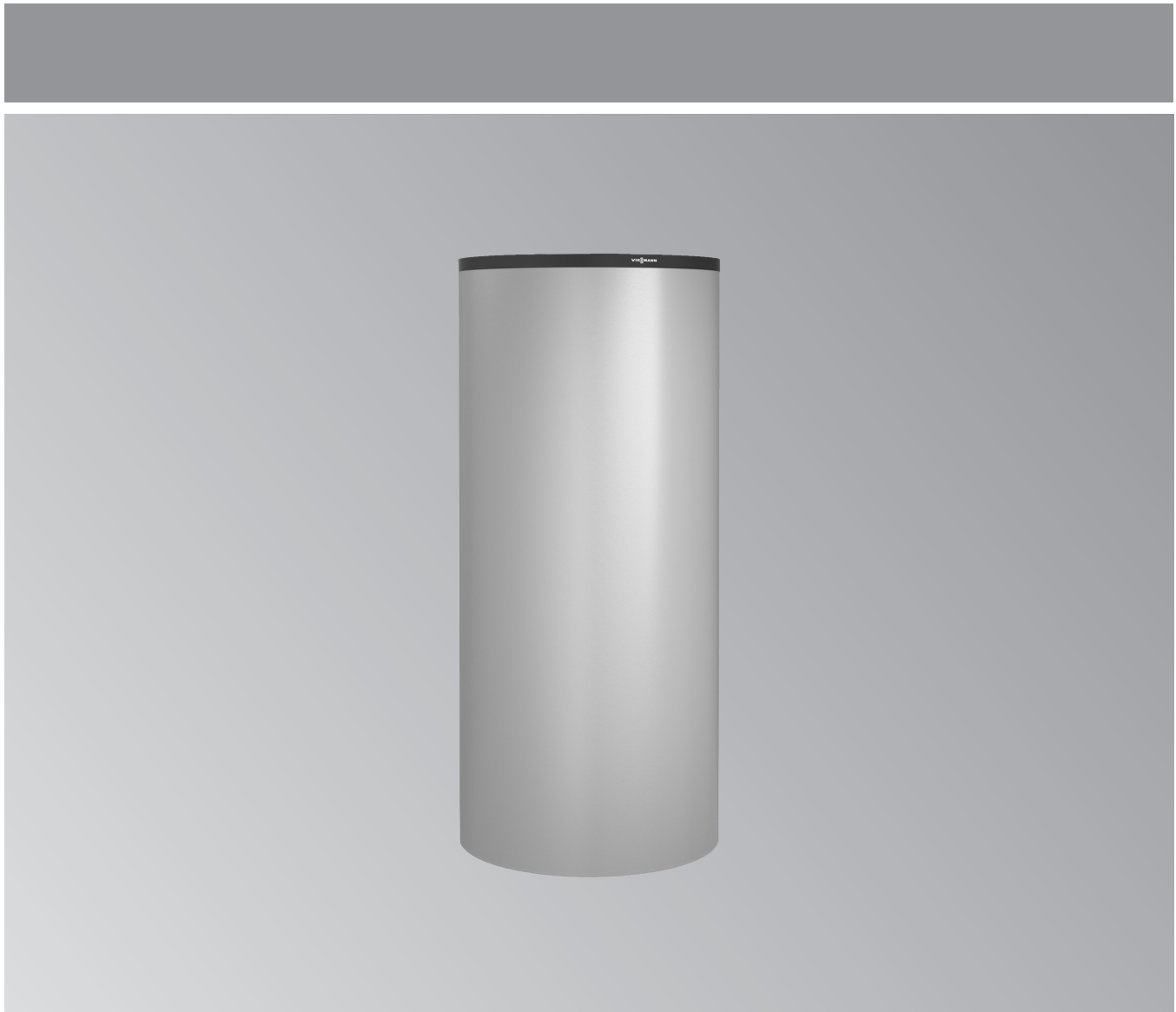| Immersion heater				
Cylinder capacity (litres)	300	400	500	MG **W**
Immersion heater EHE Selectable heating output **2, 4 or 6 kW** Only for use with soft to medium hard drinking water up to 14 °dH (medium hardness level, up to 2.5 mol/m³) For installation in the Vitocell ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: black ■ Gasket For installation in a flanged aperture of the Vitocell.	Z021938 **825,–**	**–**		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) For installation in the Vitocell ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitopearlwhite ■ Gasket For installation in a flanged aperture of the Vitocell.	Z021939 **825,–**	Z021940 **827,–**		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 ■ High limit temperature cut-out device ■ Temperature controller ■ Flange ■ Colour of flange cover: Vitopearlwhite ■ Gasket For installation in a flanged aperture of the Vitocell.		**–**		Part no. **Euro**

10.6

VIESMANN

5812298

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/m³) ■ 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/m³) ■ 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 ■ 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 ■ 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

10.6

5812298

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.
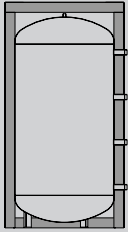
10.7

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: ■ 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 ■ 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					MG N
Cylinder capacity (litres)		600	750	950	
Transport aid For easier handling of all vertical DHW cylinders ■ With **removable** thermal insulation *Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.*			ZK01793 **302,–**		Part no. **Euro**

10.7

5853599

| 46 l | 75 l | 200 l | 750/950 l |
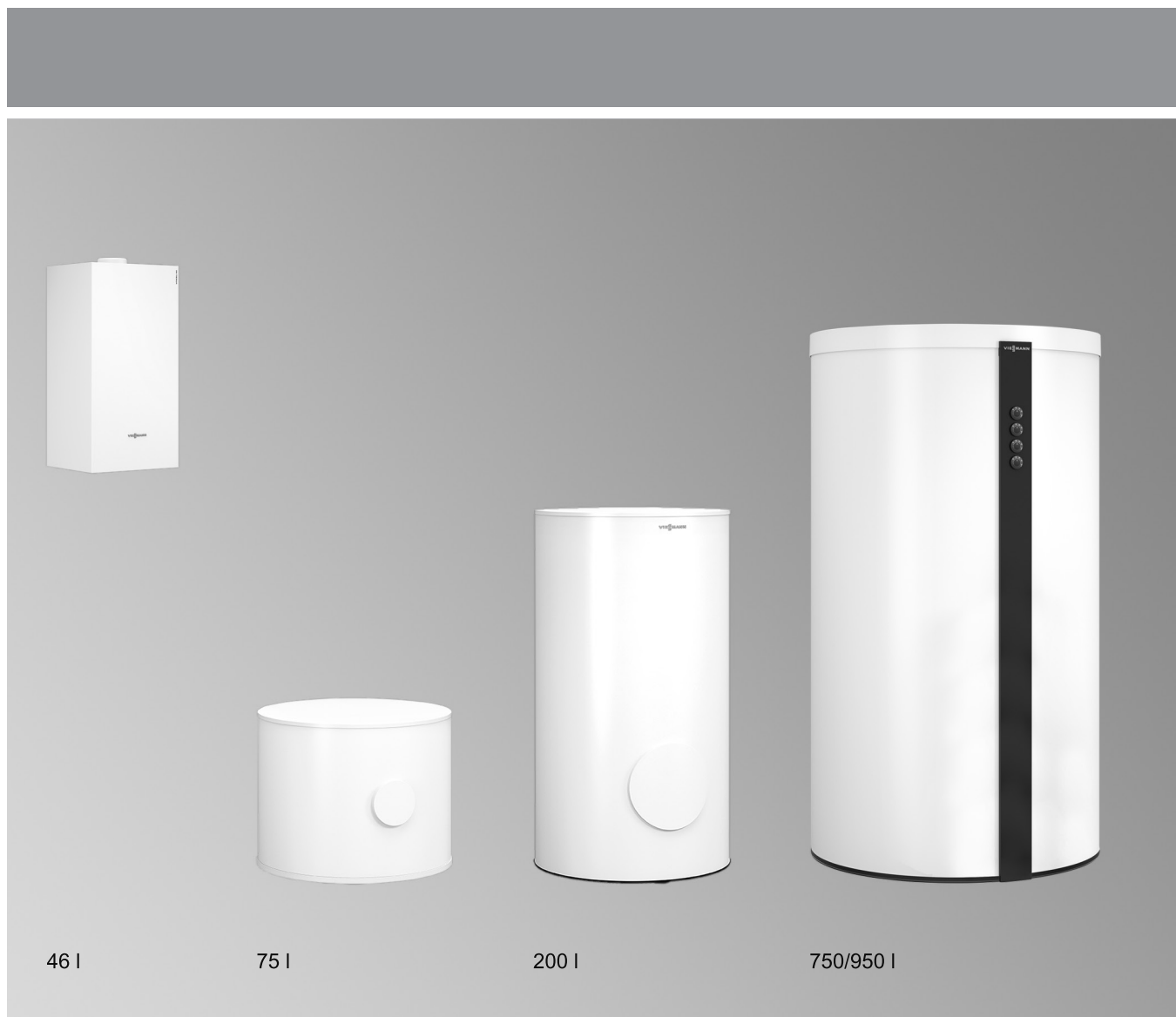
Vitocell 100-E

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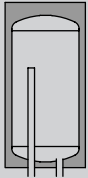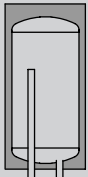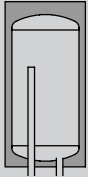Cylinder volume: 400 l, 600 l, 750 l, 910 l
Version to DIN 4753

- 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

Vitocell 100-E		Capacity (litres)	
		46	**MG WH**
	Vitocell 100-E, Vitosilver ■ 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 For systems with the following operating data: ■ 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
	Vitocell 100-W, white ■ 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 For systems with the following operating data: ■ 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
	Vitocell 100-W, Vitopearlwhite ■ 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 For systems with the following operating data: ■ 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

10.8

5812301

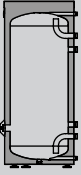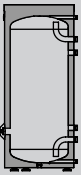| Vitocell 100-E		Capacity (litres)		MG **WH**
		50	**75**	
Vitocell 100-E, Vitopearlwhite ■ For storing heating/cooling water in conjunction with heat pumps with up to 17 kW heating output ■ With rigid PUR foam thermal insulation For systems with the following operating data: ■ Heating water flow temperature 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 ■ 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 ■ For wall mounting ■ Digital display of 2 temperatures	ZK05265 **75,–**		Part no. **Euro**
Automatic air vent valve ■ 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/m³) ■ High limit temperature cut-out device ■ Temperature controller	**–**	Z012684 **617,–**	Part no. **Euro**

10.8

VITOCELL 100-E

Accessories
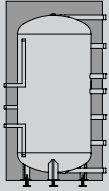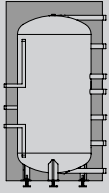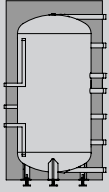
Vitocell 100-E		Capacity (litres)	
		200	**MG WH**
	Vitocell 100-E, Vitosilver ■ For storing heating water in conjunction with heat pumps with up to 17 kW heating output ■ With rigid PUR foam thermal insulation For systems with the following operating data: ■ Heating water flow temperature up to 110 °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, Vitopearlwhite ■ For storing heating water in conjunction with heat pumps with up to 17 kW heating output ■ With rigid PUR foam thermal insulation For systems with the following operating data: ■ 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 ■ 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 ■ 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/m³) ■ High limit temperature cut-out device ■ Temperature controller		Z012684 **617,–**	Part no. **Euro**

10.8

5812301

Vitocell 100-E	Thermal insulation standard	Cylinder capacity (litres)				MG WH
		400	**600**	**750**	**910**	
	Vitocell 100-E, Vitosilver ■ 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 For systems with the following operating data: ■ 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
	Vitocell 100-E, 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 attaching immersion temperature sensors to the cylinder jacket For systems with the following operating data: ■ Heating water flow temperature up to 110 °C ■ Operating pressure on the heating water side up to 6 bar (0.6 MPa)	Z027080 **1.181,–** C	Z027081 **1.557,–**	Z027082 **1.843,–**	Z027083 **2.125,–**	Part no. **Euro** Energy
	Vitocell 100-E, Vitographite ■ 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 For systems with the following operating data: ■ 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
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

5812301

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 ■ 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 ■ With **removable** thermal insulation *Not suitable for Vitocell 100-V/-B/-L with* 750 litre *capacity or* more		ZK01793 **302,–**			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 ■ 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 ■ 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 ■ 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 ■ 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

5812301

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) ■ 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) ■ 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/m³) For installation in the Vitocell ■ 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 ■ High limit temperature cut-out device ■ Temperature controller For installation in the **upper** section of the Vitocell	Z012687 **715,–**				Part no. **Euro**

10.8

5812301

5812301

750/950 l   750/950 l

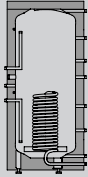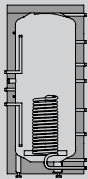## Vitocell 140-E/160-E

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)
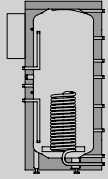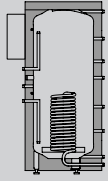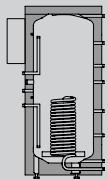
10.9

VITOCELL 140-E/160-E

Vitocell 140-E		Cylinder capacity (litres)			
		600	750	950	MG WH
Vitocell 140-E, Vitosilver ■ 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 For systems with the following operating data: ■ 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 ■ 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 For systems with the following operating data: ■ 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,–**	Z021881 **2.453,–**	Part no. **Euro**
Vitocell 140-E, Vitographite ■ 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 For systems with the following operating data: ■ 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
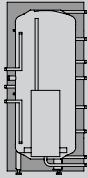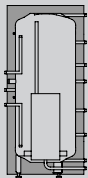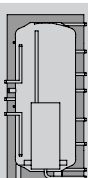
Vitocell 140-E		Capacity (litres)	MG WH
		400	

	Vitocell 140-E, Vitopearlwhite ■ **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 For systems with the following operating data: ■ 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
	Vitocell 140-E, Vitopearlwhite ■ **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 For systems with the following operating data: ■ 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
	Vitocell 140-E, Vitopearlwhite ■ **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 For systems with the following operating data: ■ 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

►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

10.9

5117638

Vitocell 160-E		Cylinder capacity (litres)		MG WH
		750	**950**	
Vitocell 160-E, Vitosilver ■ 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 For systems with the following operating data: ■ 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**
Vitocell 160-E, Vitopearlwhite ■ 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 For systems with the following operating data: ■ 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**
Vitocell 160-E, Vitographite ■ 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 For systems with the following operating data: ■ 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

Cylinder capacity (litres)	400	600	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 ■ 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 *Part of the standard delivery with 400 litre cylinder capacity*					
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

10.9

5117638

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 ■ 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 ■ 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 ■ 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 ■ 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
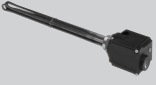For additional draw-off rates: see datasheet.

►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) ■ 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) ■ 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

5117638

Accessories

Accessories

Cylinder capacity (litres)	400	600	750	950	
Temperature controller ■ 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	**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) ■ 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/m³) For installation in the Vitocell ■ High limit temperature cut-out device ■ Temperature controller	–	Z012687 **715,–**			Part no. **Euro**

Miscellaneous

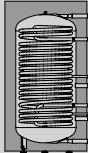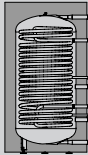| Cylinder capacity (litres)	400	600	750	950	**MG** N
Transport aid For easier handling of all vertical DHW cylinders With **removable** thermal insulation *Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.*	ZK01793 **302,–**				Part no. **Euro**

10.9

5117638

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
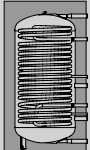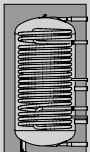
10.11

Vitocell 320-M	Standard 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: ■ 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**
	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: ■ 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.

10.11

6179772

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: ■ 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**
	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: ■ 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**

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		750	910	MG **W**
Total capacity (litres)		750	910	MG **W**
Safety assembly to DIN 1988 (DN 20, R ¾) ■ 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 ■ 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 ■ 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 ■ High efficiency circulation pump ■ Fully wired ■ With check valve		7172612 **534,–**		Part no. **Euro**
Circulation pump for cylinder heating For boilers from 70 kW ■ 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 ■ 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 ■ 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

VIESMANN

6179772

Accessories

Diverter valves

Total capacity (litres)	750	910	MG **W**
3-way diverter valve ■ 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/m³) ■ 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/m³) ■ 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 ■ With **removable** thermal insulation *Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more*	ZK01793 **302,–**		Part no. **Euro**

10.11

6179772

VIESMANN   **10.11**–5

10.11

750/950 l   750/950 l

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
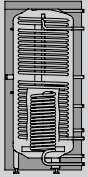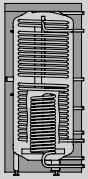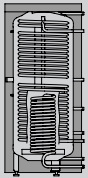
Vitocell 360-M, type SVSB
Multi mode heating water buffer cylinder with stratification system, integral DHW heating, internal indirect coil for connection to solar collectors and optional Solar-Divicon

- 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.
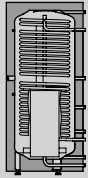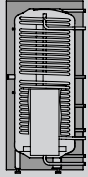
10.12

Vitocell 340-M		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: ■ 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: ■ 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,–**	Part no. **Euro**
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: ■ 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

10.12

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

Vitocell 360-M		Capacity (litres)		MG WH
		750	950	
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 For systems with the following operating data: ■ 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**
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 For systems with the following operating data: ■ 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**
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 For systems with the following operating data: ■ 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

Please note:
If connecting a DHW circulation pipe, the threaded DHW circulation fitting (accessories, part no. 7457484) must also be ordered.
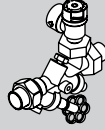
VITOCELL 340-M/360-M

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 ■ 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 ¾) ■ 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 ■ 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 ■ 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 ■ High efficiency circulation pump ■ Fully wired ■ With check valve	7172612 **534,–**		Part no. **Euro**
Circulation pump for cylinder heating For boilers from 70 kW ■ High efficiency circulation pump ■ Fully wired ■ With check valve	7172613 **1.485,–**		Part no. **Euro**

10.12

5812366

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 ■ 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 ■ 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 ■ 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 ■ 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 ■ 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 *Not suitable for Vitocell 100-V/-B/-L with 750 litre capacity or more.*	ZK01793 **302,–**		Part no. **Euro**

10.12

5812366

VITOTRANS 353

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

PBSA
PBMA/PBMA-S

PBLA/PBLA-S

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
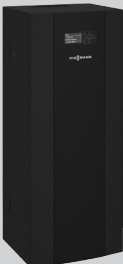
Vitotrans 353, type PBLA, PBLA-S
Draw-off rate up to 68 l/min

- 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
Vitotrans 353 freshwater module (without DHW circulation pump) Compact and fully pre-assembled module for convenient DHW heating using the instantaneous water heating principle ■ 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).		
Vitotrans 353, type PBSA With draw-off rate up to 25 l/min Length 346 mm Height 943 mm Width 250 mm Weight 19 kg	Z021863 **2.728,–**	Part no. **Euro**
Vitotrans 353, type PBMA With draw-off rate up to 48 l/min Length 346 mm Height 943 mm Width 250 mm Weight 26 kg	Z021864 **3.623,–**	Part no. **Euro**
Vitotrans 353, type PBLA With draw-off rate up to 68 l/min Length 342 mm Height 990 mm Width 410 mm Weight 36 kg	Z021865 **5.011,–**	Part no. **Euro**

►Vitotrans 353 for installation on a heating water buffer cylinder: see Vitocell 100-E/120-E/140-E/160-E.
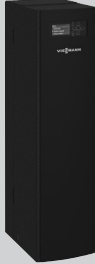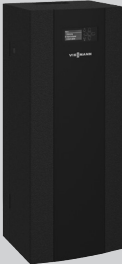
Please note:
Draw-off rates according to SPF test procedure
■ Performance factor 1 (PF 1)
■ At set DHW temperature 45 °C
■ At heating water flow temperature 60 °C
■ At cold water inlet temperature 10 °C
For additional draw-off rates: see datasheet.

10.13

5812302

Vitotrans 353 with stainless steel plate heat exchanger, stainless steel brazed		

Vitotrans 353 | | | MG WH |

Vitotrans 353 freshwater module (without DHW circulation pump)
Compact and fully pre-assembled module for convenient DHW heating using the instantaneous water heating principle
- 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).

Vitotrans 353, type PBMA-S With draw-off rate up to 48 l/min Length 346 mm Height 943 mm Width 250 mm Weight 26 kg	Z021869 **4.477,–**	Part no. **Euro**
Vitotrans 353, type PBLA-S With draw-off rate up to 68 l/min Length 342 mm Height 990 mm Width 410 mm Weight 36 kg	Z021870 **6.038,–**	Part no. **Euro**

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

Please note:
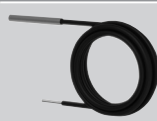Draw-off rates according to SPF test procedure
- Performance factor 1 (PF 1)
- At set DHW temperature 45 °C
- At heating water flow temperature 60 °C
- At cold water inlet temperature 10 °C
For additional draw-off rates: see datasheet.

10.13

VITOTRANS 353

Accessories

Accessories

Accessories			MG V
DHW circulation set (for type PBSA) ■ 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,–**	Part no. **Euro**
DHW circulation set (for type PBMA/PBMA-S and PBLA/PBLA-S) ■ 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) ■ 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) ■ 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) ■ 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) ■ 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			MG V
Pt1000 immersion temperature sensor To capture the temperature in a sensor well. With connecting lead (5 m long) ■ 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**

10.13

Accessories

Freshwater module as a cascade

MG **V**

Diverter valve (for type PBMA/PBMA-S) ■ 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) ■ 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. ■ 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. ■ 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) ■ High efficiency circulation pump for DHW circulation ■ For external installation ■ For switching via the freshwater module control unit *Only high efficiency circulation pumps can be connected to the Vitotrans 353 control unit.*	ZK02912 **458,–**	Part no. **Euro**
DHW circulation pump (140 W) ■ High efficiency circulation pump for DHW circulation ■ For external installation ■ For switching via the freshwater module control unit *Only high efficiency circulation pumps can be connected to the Vitotrans 353 control unit.*	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 ■ 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) ■ 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) ■ 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**

10.13

5812302

10.13

5812302

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				MG W
Size	1	2	3	Part no.
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,–**	**Euro**

Accessories		MG W
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									MG W
Size	11	12	13	14	15	16	17	18	Part no.
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,–**	**Euro**

Accessories		MG W
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**

10.13

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.

5812303

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. ■ 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**

10.14

VIESMANN **10.14**–1

VITOTRANS 200

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

Vitotrans 200							
Size	11	12	13	14	15	16	**MG W**
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**

10.14