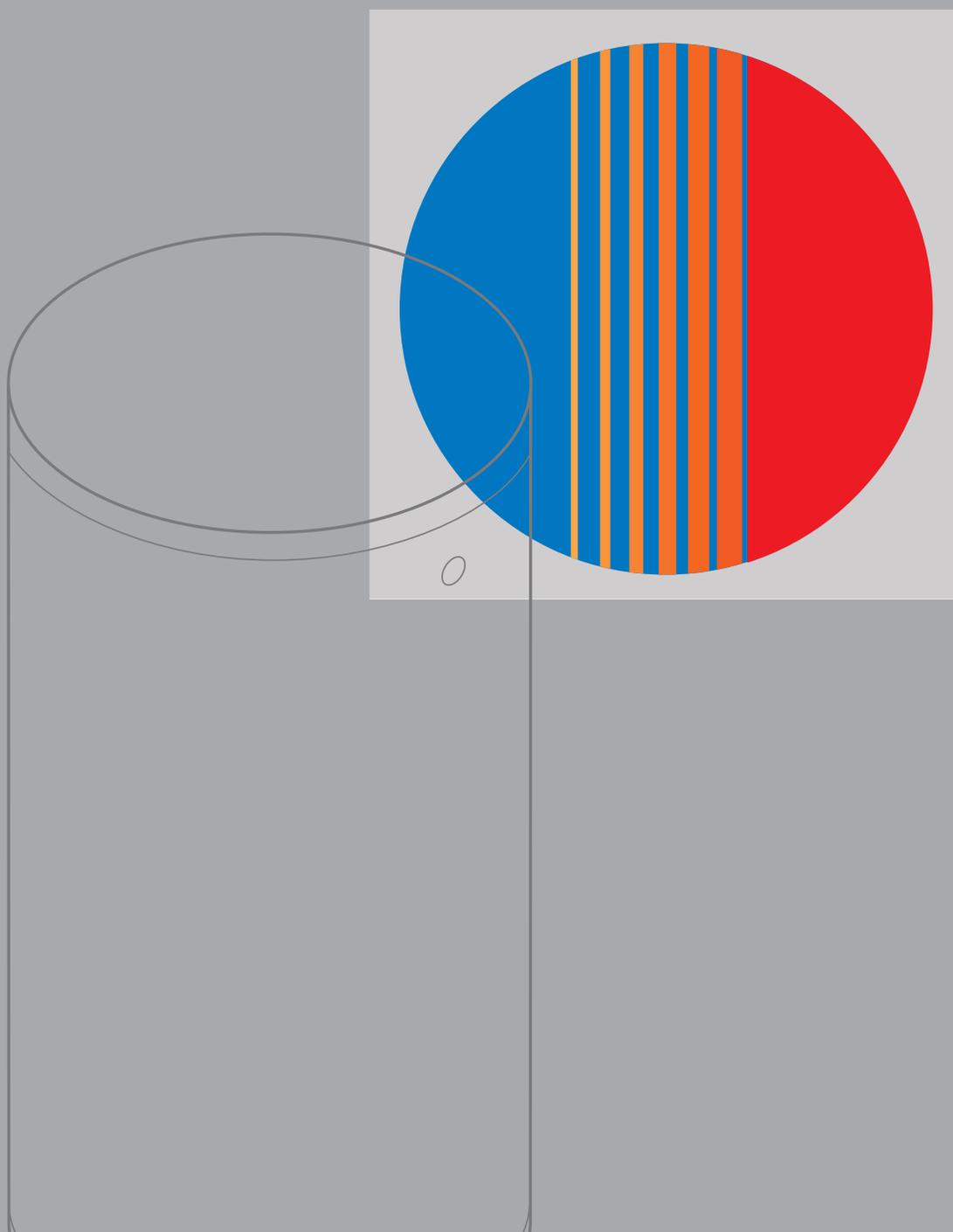


# VITOCELL

Domestic hot water tanks  
of stainless steel or steel with enamel finish  
42 to 120 USG / 160 to 450 ltr

**VIESSMANN**





# VITOCCELL

## Rediscover domestic hot water comfort

With a new Vitocell tank from Viessmann, you increase your comfort level and your savings at the same time!

Fast recovery rates, large water volume, low standby losses translate into comfort, convenience, efficiency and reliability. Choose Vitocell – choose peace of mind.

The Vitocell line offers something for everyone.

Tanks are available in vertical and horizontal designs, for placement beside or underneath a boiler, from 42 to 120 USG / 160 to 450 liters. Also, with Viessmann Integrated System Technology, boiler, tank and control match perfectly. Everything fits together, installs quickly and arrives factory-adjusted - fast installation and maximum system performance are guaranteed.

Find out on the following pages how you can improve your domestic hot water experience today.

### Vitocell 300

Made of high-alloy stainless steel, the Vitocell 300 models are not only extremely hygienic, but are known for their operational reliability and long service life.

### Vitocell 100

This series is an economical choice for convenient and efficient domestic hot water production.

The Vitocell 100 models are made of steel with a Ceraprotect two-coat enamel finish and a consumable anode to protect against corrosion.

### Satisfaction guaranteed

The large heat exchanger surfaces of the Vitocell tanks extend right to the tank bottom and ensure an abundant supply of hot water and even water temperatures all day long.

The heat exchanger coils are arranged for efficient venting and draining and facilitate start-up and smooth operation.

HCFC-free insulation – foamed-in-place or wrap-around – reduces standby losses and increases operating efficiency.

### Did you know...

...that you can save up to 50% in operating cost with Viessmann indirect-fired domestic hot water storage tanks?

In contrast to most conventional direct-fired tanks, indirect-fired tanks from Viessmann, such as the Vitocell line, use the heating water from the boiler to heat the tank water.

Space heating and domestic hot water production are integrated into one system – maximum system performance regulated by one control, powered by one burner!

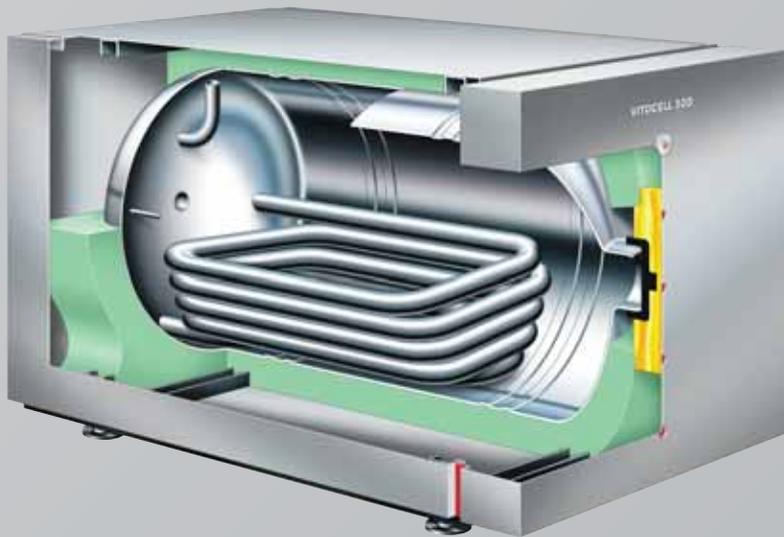


Vitocell 300



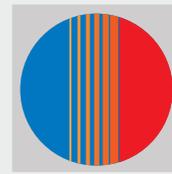
Turn your boiler room into a rec room!

Compact, clean, esthetic: a Vitola 200 boiler on a Vitocell-H 300 tank



# VITOCELL 300

## Hot water comfort for life



The Vitocell 300 is the leading tank series in the Vitocell line of domestic hot water storage tanks. It's extremely durable, efficient, hygienic and provides all the hot water you need.

Available in vertical and horizontal designs, from 42 to 120 USG / 160 to 450 liters.

### Long service life

Both tank and heat exchanger are made of SA240-316Ti high-performance stainless steel, a material known for its durability, hygiene, acid resistance and esthetic appearance.

Minimal wear, even after years of service, and the fact that no additional corrosion protection is required, combine to maximize cost savings.

### Comfort

Fast recovery rates due to large heat exchanger surfaces of the tank coil ensure an abundant supply of hot water and even water temperatures at all times.



To meet the requirements of multiple-family housing you have the option of combining several Vitocell 300 tanks into 'tank batteries' – beside each other when room is available, or stacked (horizontal design) when space is at a premium.

### Efficiency

Extremely efficient domestic hot water production through boiler (indirect-fired).

Save up to 50% in operating cost compared to most conventional (direct-fired) domestic hot water production.

Highly effective HCFC-free foamed-in-place or wrap-around insulation reduces standby losses and operating cost.

### Solar tank

Discover new ways of domestic hot water production!

With the Vitocell-B 300 dual coil tank you can have it two ways – via a solar collector and/or the heating boiler.

Find out more on the following page.



### The benefits at a glance:

- **No worries**

**Lifetime warranty** for all residential Vitocell 300 DHW tanks.

- **Convenience**

Fast recovery rates ensure **abundant supply of domestic hot water** at all times.

- **Comfort**

Tank coil extends to tank bottom guaranteeing consistently even water temperatures.

- **High level of operational reliability and a long service life** due to high-alloy stainless steel construction.

- **Extremely efficient indirect hot water production** via boiler.

**Save up to 50%** of your operating cost compared to most conventional direct-fired hot water production.

- Highly effective insulation keeps **standby losses and operating cost at a minimum.**

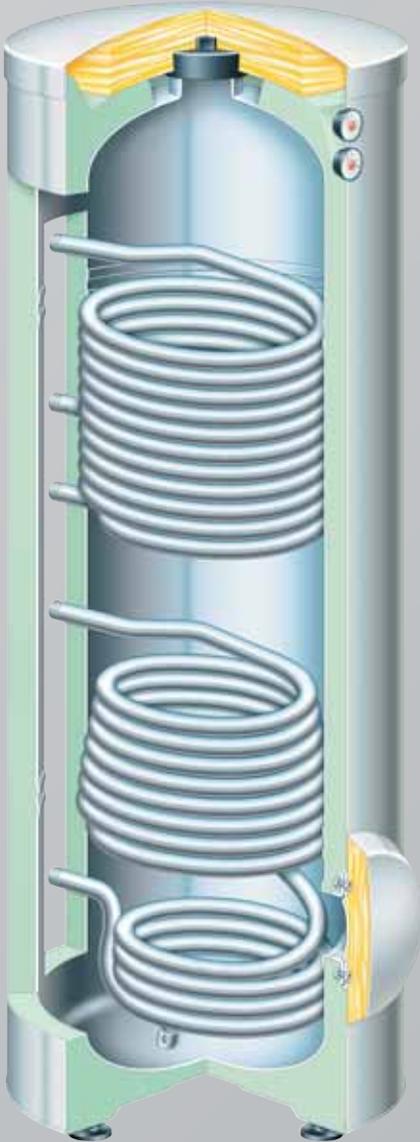
- **Space-saving options**

Mount a boiler or additional tanks onto the horizontal Vitocell-H 300 version. **Zero clearance to combustibles** for all Vitocell 300 tanks.

- **Scale- and corrosion-resistant**, ideal for areas with poor water quality. **Completely hygienic!**

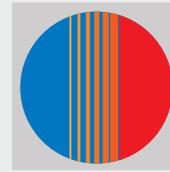
- **High-volume hot water**

Several Vitocell 300 tanks can be combined into tank batteries.

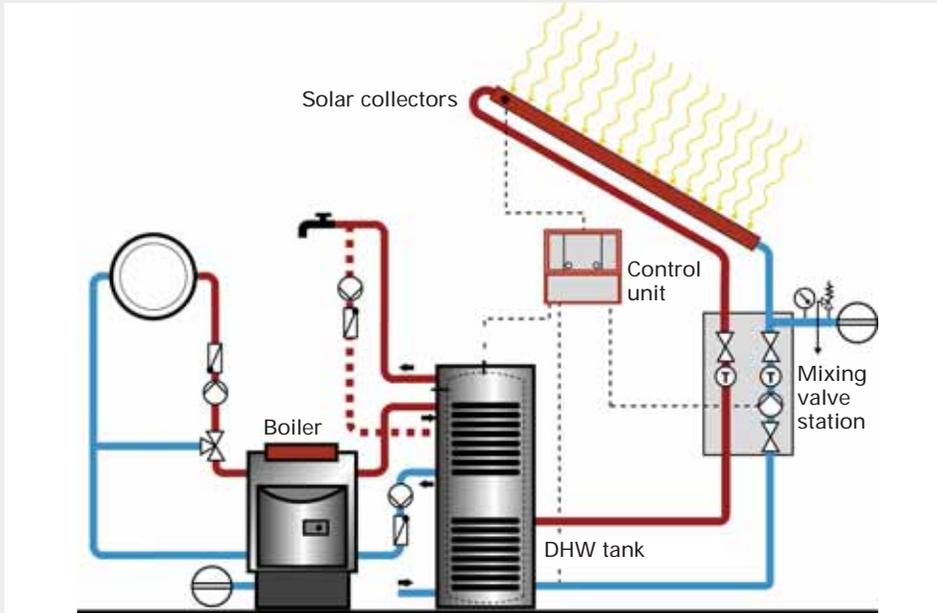


# VITOCELL-B 300

## "Solar" domestic hot water



300



Vitocell-B 300 – solar domestic hot water production via solar collector(s) and boiler



Vitocell-B 300  
79 USG / 300 ltr tank

For customers wishing to take advantage of solar energy in the atmosphere, Viessmann offers the Vitocell-B 300 dual coil tank. Available in vertical design with 79 USG / 300 ltr storage capacity, this tank offers all the features of a Vitocell 300 stainless steel tank – and more.

### How does it work?

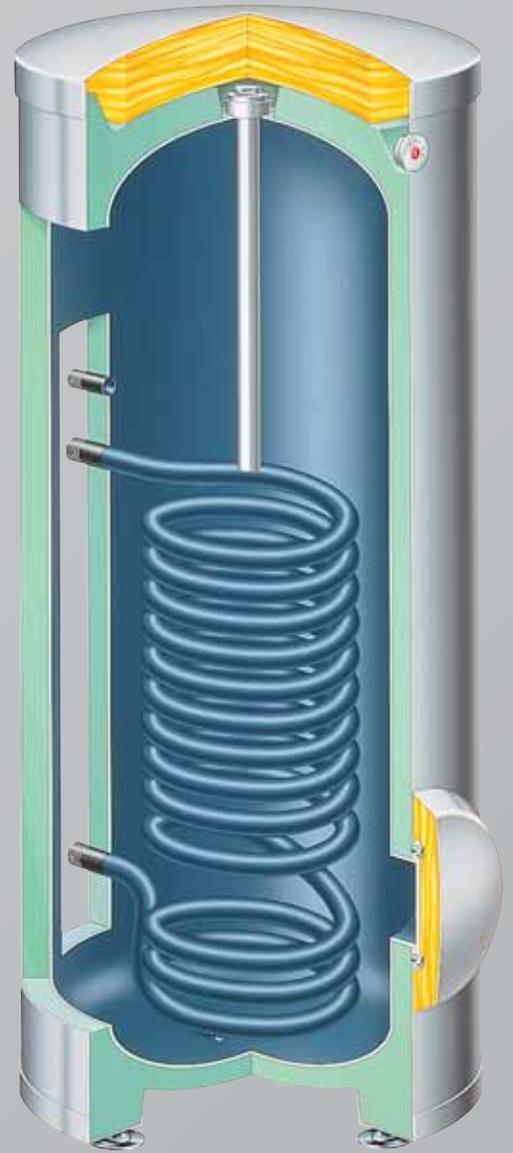
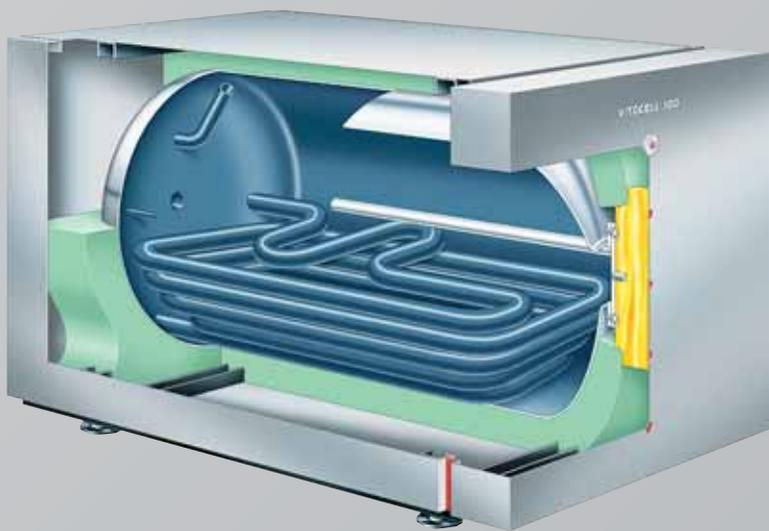
The tank has two coils. Via the bottom coil, heat is transferred from the solar collectors to the tank water. On days when the heat transfer from the solar collectors is too low, the boiler uses the top coil to supply additional heat to the tank water.

### Interested?

Find out more about our Solar Program – call your local Viessmann Sales Representative today!

### The benefits at a glance:

- **Environmentally friendly** and **free solar energy** harvest.
- **No worries**  
**Lifetime warranty** for all residential Vitocell 300 DHW tanks.
- **Convenience**  
Fast recovery rates ensure **abundant supply of domestic hot water** at all times.
- **Comfort**  
Tank coil extends to tank bottom guaranteeing consistently even water temperatures.
- **High level of operational reliability** and **a long service life** due to high-alloy stainless steel construction.
- **Extremely efficient indirect hot water production** via boiler. **Save up to 50%** of your operating cost compared to most conventional direct-fired hot water production.
- Highly effective insulation keeps **standby losses and operating cost at a minimum.**
- **Zero clearance to combustibles.**
- **Scale- and corrosion-resistant**, ideal for areas with poor water quality. **Completely hygienic!**



# VITOCELL 100

## The economical route to comfort

The Vitocell 100 tank series is the economical choice for reliable and efficient domestic hot water production. Available in horizontal and vertical designs, you have the option of placing the tank beside the boiler (42 to 120 USG / 160 to 450 ltr) or underneath (42 and 53 USG / 160 and 200 ltr).

### Quality construction

The steel construction of the Vitocell 100 tanks has a two-coat enamel finish which protects all interior surfaces from corrosion. While the base layer provides a solid bond between the steel construction and the enamel finish, the second layer protects the tank from corrosion. For additional protection each tank comes with a consumable anode.

### Convenience

Fast recovery rates and the large heat exchanger surfaces of the tank coil ensure an abundant supply of hot water and even water temperatures at all times. For more flexibility and to meet larger domestic hot water demands, take advantage of a multiple-tank installation (Vitocell-V 100, 79 and 120 USG / 300 and 450 ltr only).



### Economy

Extremely efficient domestic hot water production via boiler (indirect-fired). Save up to 50% in operating cost compared to most conventional (direct-fired) domestic hot water production. Highly effective HCFC-free foamed-in-place or wrap-around insulation reduces standby losses and operating cost.



### The benefits at a glance:

#### • Convenience

Large heat exchanger surfaces allow fast recovery rates, ensuring a **constant and reliable domestic hot water supply**.

#### • Comfort

Tank coil extends to tank bottom guaranteeing **even water temperatures at all times**.

#### • Durability

Quality steel construction and Viessmann Ceraprotect permanent two-coat enamel finish ensure **operational reliability and long service life**. Standard magnesium anode provides **additional active corrosion protection**.

#### • Extremely efficient indirect hot water production via boiler.

**Save up to 50%** of your operating cost compared to most conventional direct-fired hot water production.

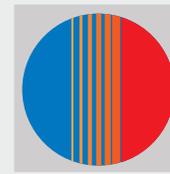
• Highly effective (HCFC-free) insulation keeps **standby losses and operating cost at a minimum**.

#### • Space-saving option

Mount a boiler onto the horizontal Vitocell-H 100 version. **Zero clearance to combustibles** for all Vitocell 100 tanks.

#### • High-volume hot water

Several Vitocell-V 100 Series tanks (79 & 120 USG) can be combined into tank batteries.



## Technical data VITOCELL 100 / 300



**VITOCELL-V 100**

\*removable mineral fiber wrap-around insulation

Model No.		CVA-160	CVA-200	CVA-300	CVA-450	
<b>Storage capacity</b>	USG	42	53	79	120 *	
	ltr	160	200	300	450 *	
<b>Total dimensions</b>	Length $\varnothing$	inches	23	23	25	33 $\frac{1}{2}$
		mm	581	581	633	850
	Depth	inches	24	24	27 $\frac{3}{4}$	35 $\frac{1}{4}$
		mm	605	605	705	898
	Height	inches	47	55 $\frac{1}{2}$	68 $\frac{3}{4}$	77
		mm	1189	1409	1746	1955
<b>Total weight</b>	lbs	190	214	333	399	
	kg	86	97	151	181	



**VITOCELL-H 100**

Model No.		CHA-160	CHA-200	
<b>Storage capacity</b>	USG	42	53	
	ltr	160	200	
<b>Total dimensions</b>	Length	inches	41 $\frac{1}{2}$	47 $\frac{3}{4}$
		mm	1052	1216
	Width	inches	25 $\frac{1}{4}$	25 $\frac{1}{4}$
		mm	640	640
	Height	inches	25 $\frac{3}{4}$	25 $\frac{3}{4}$
		mm	654	654
<b>Total weight</b>	lbs	227	256	
	kg	103	116	



**VITOCELL-V 300**

\*removable mineral fiber wrap-around insulation

Model No.		EVI-200	EVI-300	EVI-450	
<b>Storage capacity</b>	USG	53	79	120 *	
	ltr	200	300	450 *	
<b>Total dimensions</b>	Width	inches	22 $\frac{7}{8}$	25	28 $\frac{1}{4}$
		mm	581	633	715
	Depth	inches	25 $\frac{1}{2}$	27 $\frac{3}{4}$	38 $\frac{3}{8}$
		mm	649	704	974
	Height	inches	56	70	69 $\frac{1}{2}$
		mm	1420	1779	1767
<b>Total weight</b>	lbs	168	220	245	
	kg	76	100	111	



**VITOCELL-H 300**

Model No.		EHA-160	EHA-200	EHA-350	EHA-450	
<b>Storage capacity</b>	USG	42	53	92	120	
	ltr	160	200	350	450	
<b>Total dimensions</b>	Depth $\varnothing$	inches	42 $\frac{1}{2}$	48 $\frac{3}{4}$	62 $\frac{1}{2}$	65
		mm	1072	1236	1590	1654
	Width	inches	25 $\frac{1}{4}$	25 $\frac{1}{4}$	32 $\frac{3}{4}$	35 $\frac{3}{4}$
		mm	640	640	830	910
	Height	inches	25 $\frac{3}{4}$	25 $\frac{3}{4}$	31	35
		mm	654	654	786	886
<b>Total weight</b>	lbs	168	185	379	421	
	kg	76	84	172	191	



**VITOCELL-B 300**  
dual coil

Model No.		EVB-300	
<b>Storage capacity</b>	USG	79	
	ltr	300	
<b>Total dimensions</b>	Length $\varnothing$	inches	25
		mm	633
	Width	inches	28
		mm	704
	Height	inches	70
		mm	1779
<b>Total weight</b>	lbs	251	
	kg	114	

Technical information stated is subject to change without notice.

# Vitotec: Technology Function Design

The new Vitotec program, of which the Vitocell tanks are a part, is the successful synthesis of advanced, state-of-the-art technology and future-oriented innovations. The Vitotec program combines technological progress with functionality and design. All innovations are consistently targeted to providing benefits for the heating contractor, as well as the system operator.

## **Good design is functional design**

The Vitotec design is the result of a strictly functional approach in which all elements are reduced to the essential. The new "Vitosilver" color finish – in combination with the accent color "Vitorange", symbolizing heat – unites Viessmann innovation with Viessmann tradition.

## **One name – all products**

First unity of form, now unity of name. All product names contain the component "Vito", indicating not only their affiliation with the Vitotec program – but also system compatibility. The second part of the name signifies the product group. The different program levels are differentiated by numbers such as 100, 200 or 300.

## **Platform strategy**

The new unity of Vitotec lies in its constructional design and follows a well-established technical principle. With the Vitotec program, Viessmann has implemented a modular technology strategy based on one common platform, whereby different functional modules are positioned on one base chassis to build different models. This permits the use of many identical parts, uniform and easy-to-follow installation steps, and a reduced number of universal spare parts. Maintenance, servicing and operation are considerably simplified through a uniform design and standardization.

## **Operation made easy**

The new Vitotronic controls are also designed on the building block principle. Four modules, two base chassis with motherboards and safety controls, and two operating units (fixed or in drawer form) make up the complete control program.

## **The heating contractor is a Viessmann expert**

Vitotec is more than a product line. It contains a comprehensive training, service and maintenance package for the heating contractor. This ensures that the heating contractor will not only be familiar with the latest technology, but will also be trained extensively at our Viessmann Academy for the constantly changing demands of the heating industry. As a result, the heating contractor will be a Viessmann specialist.

The new Vitotec program offers you a diverse, yet uniform product range for every need – and once more confirms our philosophy: "Viessmann – more than heat!"





**Viessmann**

With 6,800 employees around the world, the Viessmann Group is one of the leading manufacturers of heating technology worldwide. Viessmann represents competence and innovation and offers you a wide variety of high-tech heating products, each a design-matched component in the progressive Viessmann system technology. Despite their diversity, Viessmann products have one thing in common: a high standard of quality throughout the entire product line that translates into operational reliability, energy savings, environmental friendliness and operational comfort.

Viessmann innovations lead the industry not only in conventional heating technology, but also in the area of renewable energy sources such as solar and heat pump technology.

All of our products are developed in accordance with our philosophy to achieve the greatest value at all times – for our customers and our business partners.

Contact the Viessmann office in Canada or U.S.A. for the name of the Viessmann Sales Representative closest to you.

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 Fax (519) 885-0887  
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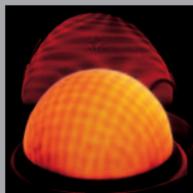
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 Reno, NV U.S.A. (775) 849-0725

**Viessmann meets all your heating needs with a diverse, yet completely harmonized product range.**



**Vitocell 300**

