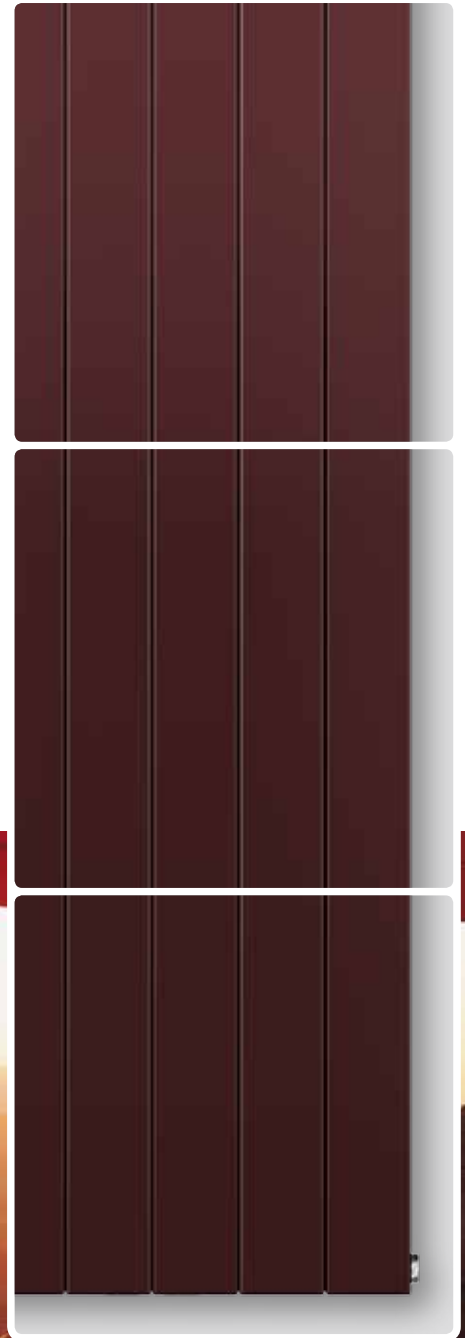


CONVECTORS &  
HEATING PANELS.



heatingthroughinnovation.



## CONTENTS.

	Cloakroom
	Living room
	Kitchen
	Bathroom
	Bedroom
	Children's room
	Office
	Leisure

The **Kontec**, **Vonaris** and **Vonaris-M** convectors and heating panel collection offers the right radiator for every living environment. The icons shown above serve as an aid to orientation and can be found throughout this catalogue.

Contents	03
<b>Kontec</b>	04
<b>Vonaris</b>	06
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### Innovative ECO technology

The high performance and compatibility with a wide range of energy sources enables **VOGEL&NOOT** convectors to be operated effectively – from an economic and ecological perspective – with all (renewable) energy sources over a broad range of flow temperatures. The ECO seal of approval delivers huge potential cost savings, in contrast to outdated column radiators. The environment and our resources are preserved – which is sustainable.



## OUR CLAIM.

### Leading the way in Europe

**VOGEL&NOOT** is Europe's leading technology partner. The company sets technical standards and its broad product portfolio encompasses the fields of radiators, under-floor heating and chimney systems.

As a result of constant innovation in the area of energy efficiency and unique design concepts, **VOGEL&NOOT** products are enthusiastically received by planners and heating engineers, as well as by the users of the rooms which are heated.

### **VOGEL&NOOT's principles**

#### **Maximum energy efficiency**

As a leading innovator, **VOGEL&NOOT** offers forward-looking heat emission technology for thermal comfort coupled with climate protection.

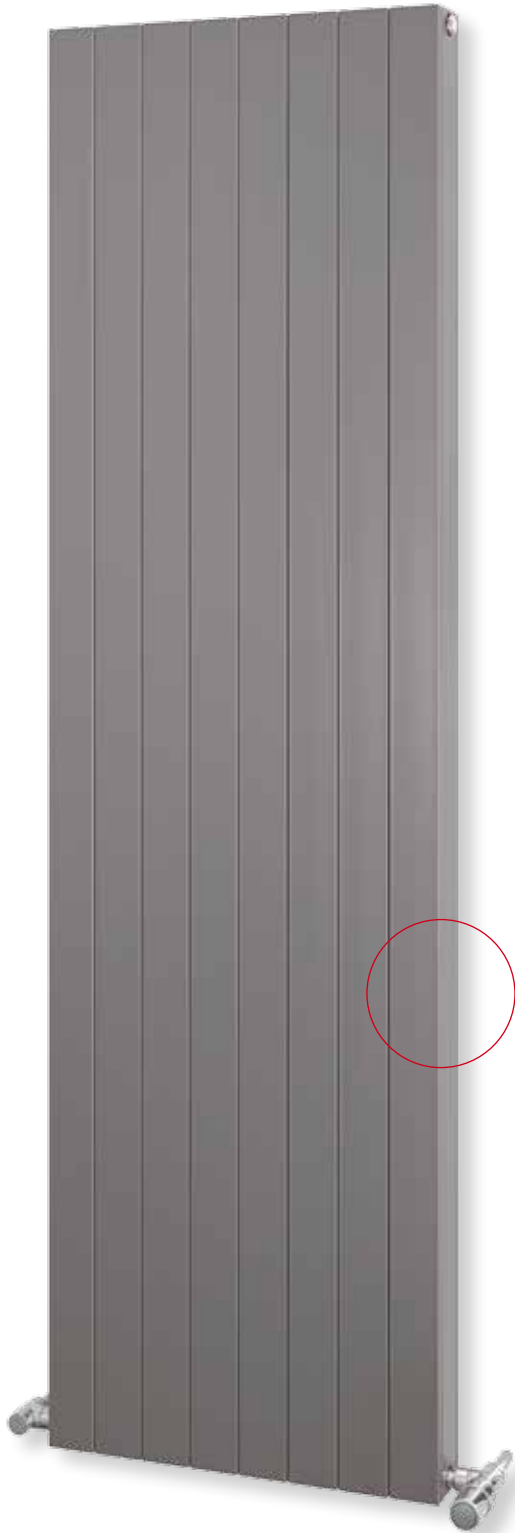
#### **Function & aesthetics**

**VOGEL&NOOT's** flue gas systems offer suitable flue systems for all applications and sources of heat. In addition to outstanding functionality, the products also impress with their refined design.

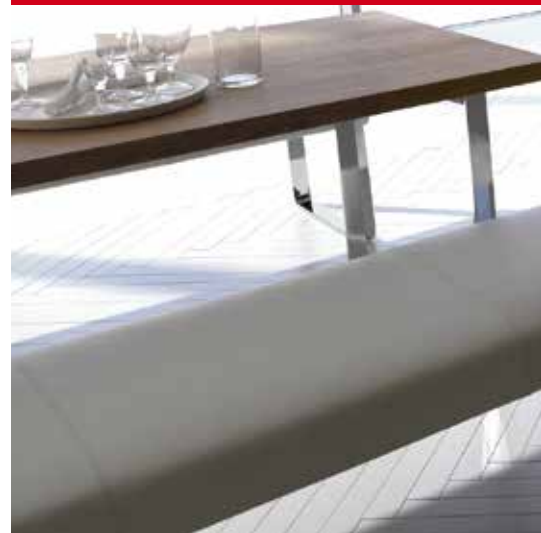
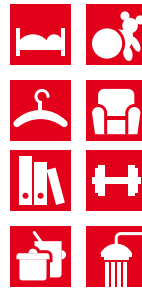
#### **Integral range & service**

As a one-stop provider, **VOGEL&NOOT** not only guarantees a high-quality product range for optimal flue gas solutions, but also excellent advice and outstanding service.

**heatingthroughinnovation.**



KONTEC.



**Advantage:**

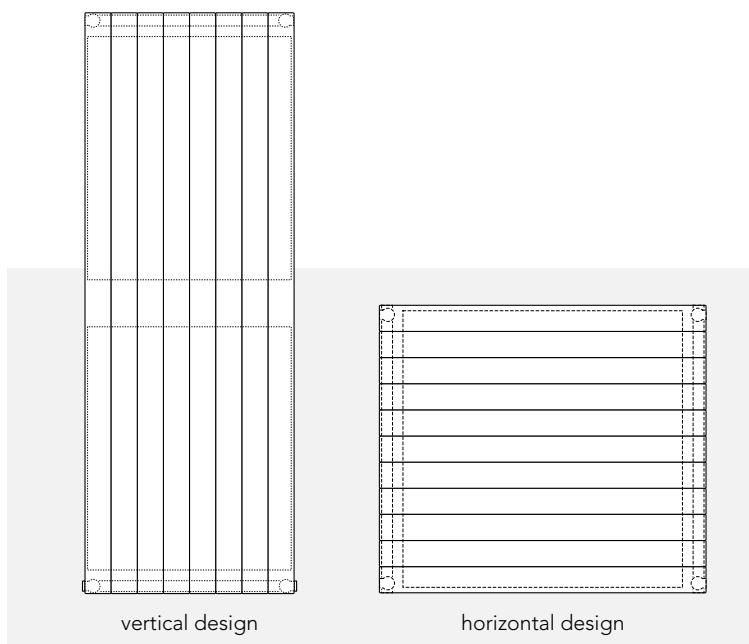
**Kontec** convectors and heating panels are noted for their precise lines and wide range of capacities, sizes and colours.



The greatest skill of the design lies in the creation of simplicity. With noticeably clear lines, **Kontec** convectors and heating panels blend modestly into the background and emphasise their sense for the aesthetic.



interlübke



vertical design

horizontal design

Kontec vertical version								
Type	KS 10		KS 11		KS 20		KS 21	
Height	1600	1800	1600	1800	1600	1800	1600	1800
Hub distance	1550	1750	1550	1750	1550	1750	1550	1750
Height	2000	2200	2000	2200	2000	2200	2000	2200
Hub distance	1950	2150	1950	2150	1950	2150	1950	2150
Length	142 to 862		142 to 862		142 to 862		142 to 862	
Depth	68		68		93		93	
Increments	starting with overall length of 142 mm: increments of 72 mm							

Kontec horizontal version																				
Type	KH 10			KK 11			KH 11			KK 20			KH 20			KK 22			KH 22	
Height	358	430	502	-	-	358	430	502	-	142	358	430	502	70	142	358	430	502		
Hub distance	318	390	462	-	-	318	390	462	-	102	318	390	462	32	102	318	390	462		
Height	574	646	790	214	286	574	646	790	214	286	574	646	790	214	286	574	646	790		
Hub distance	534	606	750	174	246	534	606	750	174	246	534	606	750	174	246	534	606	750		
Length	500 to 2400			500 to 2400			500 to 2400			500 to 2400			500 to 2400							
Depth	68			68			68			93			93							
Increments	starting with overall length of 500 mm: increments of 100 mm, from overall length of 1400 mm: increments of 200 mm																			

Kontec horizontal version																
Type	KK-S 22		KK 23		KK 34		KK-S 34		KK 35		KK 46		KK-S 47		KK 58	
Height	70	142	70	142	70	142	70	142	70	142	70	142	70	142	70	142
Hub distance	32	102	32	102	32	102	32	102	32	102	32	102	32	102	32	102
Height	214	286	214	286	214	286	214	286	214	286	214	286	214	286	214	286
Hub distance	174	246	174	246	174	246	174	246	174	246	174	246	174	246	174	246
Length	500 to 2400		500 to 2400		500 to 2400		500 to 2400		500 to 2400		500 to 2400		500 to 2400		500 to 2200	
Depth	163		150		175		245		232		257		327		339	
Increments	starting with overall length of 500 mm: increments of 100 mm, from overall length of 1400 mm: increments of 200 mm															

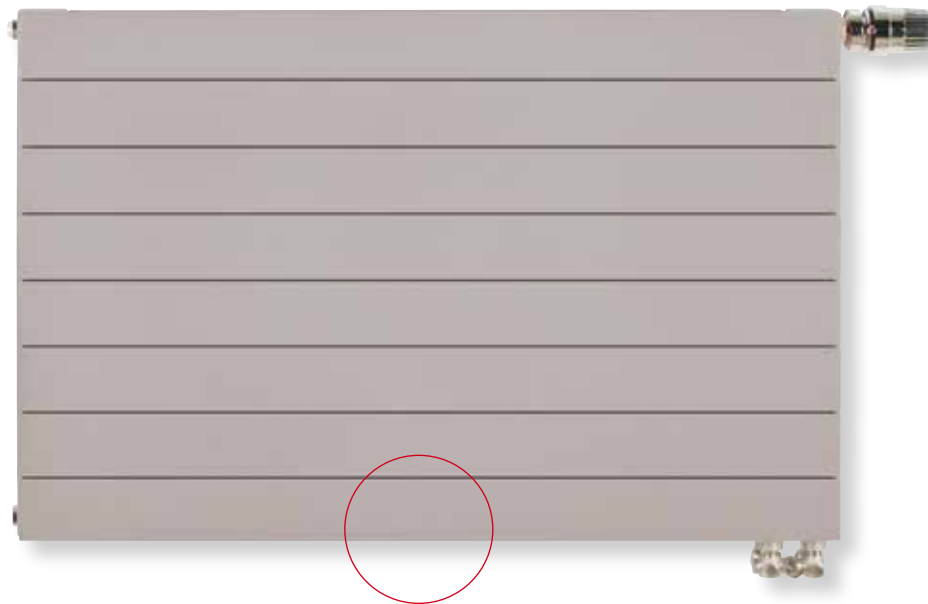
Information in mm.



VONARIS.

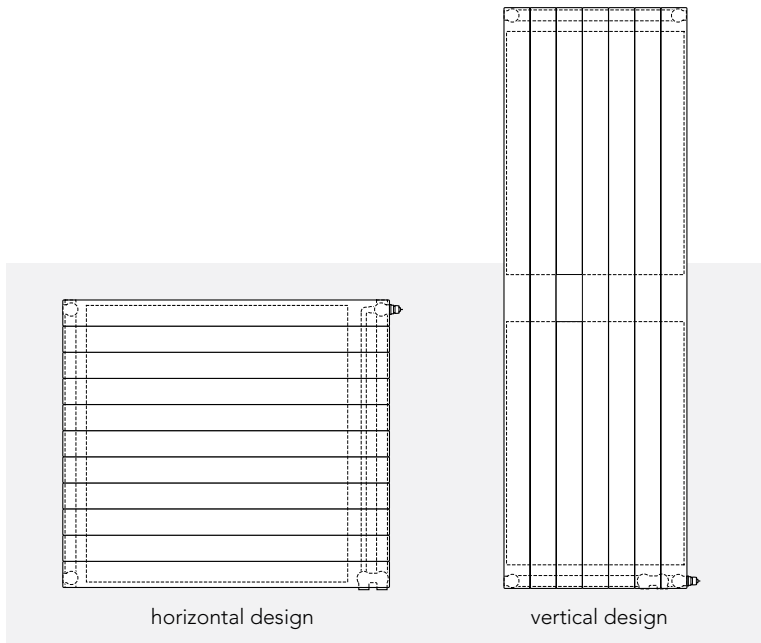
hülsta, D-48702 Stadthorn

**Vonaris** stands for **design and performance as a complete package** for elevated requirements: The Solaris finished radiator offers a large selection of colours, horizontal and vertical models, and is also available as a pivoting valve connected radiator through patented fitting clips.



**Advantage:**

**Vonaris** solitary finished-radiators do what they promise: they are a ready package that can be installed without problem.



Vonaris horizontal version															
Type	VHV 11			VHV 20			VHV 22			VHV-S 22			VHV 23		
↑ ↓	-	-	214 286 358	-	142 214 286 358	-	142 214 286 358	-	142 214 286	-	-	142 214 286	-	-	142 214 286
	430	502	574 646 790	430	502	574 646 790	430	502	574 646 790	-	-	-	-	-	-
↔	500 to 2400			500 to 2400			500 to 2400			500 to 2400			500 to 2400		
Depth	68			93			93			163			150		
Increments	starting with overall length of 500 mm: increments of 100 mm, from overall length of 1400 mm: increments of 200 mm														

Vonaris horizontal version															
Type	VHV 34			VHV-S 34			VHV 35			VHV 46			VHV-S 47		
↑ ↓	-	142 214 286	-	-	142 214 286	-	-	142 214 286	-	-	142 214 286	-	-	142 214 286	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
↔	500 to 2400			500 to 2400			500 to 2400			500 to 2400			500 to 2400		
Depth	175			245			232			257			327		
Increments	starting with overall length of 500 mm: increments of 100 mm, from overall length of 1400 mm: increments of 200 mm														

Vonaris vertical version								
Type	VSV 10		VSV 11		VSV 20		VSV 21	
↑ ↓	1600	1800	1600	1800	1600	1800	1600	1800
	2000	-	2000	-	2000	-	2000	-
↔	214 to 862		214 to 862		214 to 862		214 to 862	
Depth	68		68		93		93	
Increments	starting with overall length of 214 mm: increments of 72 mm							



VONARIS-M.



**Advantage:**

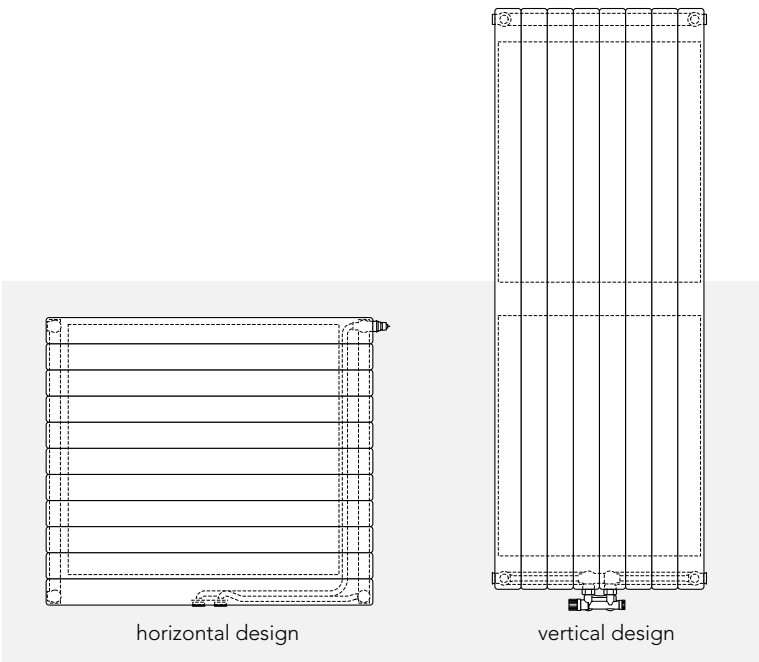
**Vonaris-M** enables simple and flexible pre-assembly through the revolutionary central connection technology.







The design of the **Vonaris-M** series, combined with the advantages of the central connection technology, give a real plus to planning freedom and room for manoeuvre, as well as a hint of modernity and style.



Vonaris-M horizontal version																									
Type	VHV-M 11					VHV-M 20					VHV-M 22					VHV-M 34				VHV-M 46					
↑ ↓	-	-	-	-	358	-	-	-	-	358	-	-	214	286	358	-	142	214	286	-	-	142	214	286	-
	430	502	574	646	790	430	502	574	646	790	430	502	574	646	790	-	-	-	-	-	-	-	-	-	-
↔	500 to 2400					500 to 2400					500 to 2400					500 to 2400				500 to 2400					
Depth	68					93					93					175				257					
Increments	starting with overall length of 500 mm: increments of 100 mm, from overall length of 1400 mm: increments of 200 mm																								

Vonaris-M vertical version										
Type	VSV-M 10		VSV-M 11		VSV-M 20		VSV-M 21			
↑ ↓	1600	1800	1600	1800	1600	1800	1600	1800	1600	1800
	2000	-	2000	-	2000	-	2000	-	2000	-
↔	214 to 862		214 to 862		214 to 862		214 to 862		214 to 862	
Depth	68		68		93		93		93	
Increments	starting with overall length of 214 mm: increments of 72 mm									

Information in mm.

STANDARD COLOURS.

<b>Traffic white</b> RAL 9016
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SANITARY COLOURS.

<b>Edelweiss</b> S0085	<b>Pergamon</b> S0091	<b>Jasmine</b> S0075	<b>Natural</b> S0094
<b>Magnolia</b> S0077	<b>Bahama beige</b> S0087	<b>Manhattan</b> S0088	<b>Banana</b> S0164

RAL COLOURS.

<b>Porcelain Blue</b> RAL 190-2	<b>Electric Blue</b> RAL 650-2	<b>Lemon Glow</b> RAL 250-2	<b>Acid Green</b> RAL 230-3
<b>Pastell yellow</b> RAL 1034	<b>Perlgold</b> RAL 1036	<b>Mauve Haze</b> RAL 290 70 20	<b>Mystic Purple</b> RAL 290 40 45

RAL-CLASSIC COLORS.

<b>Pure white</b> RAL 9010	<b>Cream white</b> RAL 9001	<b>Pearl white</b> RAL 1013	<b>Grey white</b> RAL 9002
<b>Cappuccino</b> RAL 060 60 20	<b>Cocoa</b> RAL 050 40 20	<b>Chocolate</b> RAL 8017	<b>Deep black</b> RAL 9005
<b>Beige</b> RAL 1001	<b>Blazing red</b> RAL 3000	<b>Ruby</b> RAL 3003	<b>Claret</b> RAL 3005
<b>White green</b> RAL 6019	<b>Dove blue</b> RAL 5014	<b>Ultramarine</b> RAL 5002	<b>Traffic black</b> RAL 9017
<b>Light grey</b> RAL 7035	<b>Window grey</b> RAL 7040	<b>Silver grey</b> RAL 7001	<b>Dusty grey</b> RAL 7037
<b>Stone grey</b> RAL 7030	<b>Slate grey</b> RAL 7015	<b>Anthracite grey</b> RAL 7016	<b>Graphite grey</b> RAL 7024

METALLIC COLOURS.

<b>Pearl beige</b> RAL 1035	<b>Aluminium white</b> RAL 9006	<b>Aluminium grey</b> RAL 9007	<b>Stainless steel look</b> S0112
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The colours shown here are not binding. Colours may differ due to printing technology. Further colours available on request!

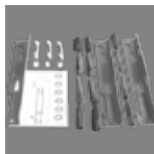
## ACCESSORIES.



**Vonofix Schnellmontagekonsole**  
This allows a simple, quick and stable assembly of the **Vonar**is and **Vonar**is-M radiator with a fitting clip.



**Wall console WK**  
This offers you a space-saving installation solution and allows quick and easy cleaning as well as quick radiator assembly.



**L bracket**  
In terms of safety it has the advantage of being equipped with an integrated safety lock. Suitable for all types of radiator with weld-on tabs.



**Wall bracket WA10**  
These are intended exclusively for vertical radiators and give the advantage of a slim, precise and space-saving radiator installation.



**Stand console SK**  
This enables you to install radiators in front of windows, and is an ideal solution for fastening of radiators with smaller heights.



**Wall bracket WA11**  
These are intended exclusively for vertical radiators and give the advantage of a slim, precise and space-saving radiator installation.

## PRODUCT DESCRIPTION & SCOPE OF DELIVERY.

Our convectors and heating walls represent high-quality brand products for multiple applications.

### Delivery contents

Ready-to-connect, includes pre-sealed vent plug, drain plug and filler plug (filler plug only in vertical design). All products are factory made with side parts. Horizontal design with top cover. **Vonar**is heaters with welded valve set and mounted cartridge valve, including construction cap. Vertical **Vonar**is centre-tapped heaters with connection fitting, including cartridge valve, construction cap and cover.

### Special design

Products in high-pressure design, with 8 bar, and convectors with a WVO radiation shield.

### Supplementary equipment

WVO radiation shield for horizontal heating walls.

### Operating conditions

Maximum operating pressure 5 bar (in high-pressure design 8 bar) and maximum operating temperature 110°C.

### Surface treatment

High-quality, environmentally-friendly 2-layer finish based on DIN 55900, ATL primer coat with electro-coating, using water-soluble varnishes, pre-coated, and with electrostatic powder coating.

### Fittings

**Kontec** supplied with 2x1/2" IG fittings. **Vonar**is, as valve design, with 2x3/4" AG fittings at the bottom right (by special order at the bottom left). **Vonar**is-M, as centre-tapped design, with 2x3/4" AG fittings in the centre at the bottom.

### Brand products of certified quality

**VOGEL&NOOT** offers strong products that meet the highest quality standards during manufacture and operation. All information on the quality and performance of **VOGEL&NOOT** panel radiators is verified and confirmed by renowned European institutes on an ongoing basis. This means you can be certain of obtaining the highest heating power and the best product quality.





**VOGEL&NOOT**

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