









PANEL  
RADIATORS.



**heating**through**innovation.**

CONTENTS.



-  Cloakroom
-  Living room
-  Kitchen
-  Bathroom
-  Bedroom
-  Playroom
-  Office
-  Leisure

Our collection of panel radiators offers the perfect radiator for any living area. The pictograms above serve as orientation aids and will help you to work through this folder.

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## 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, underfloor heating and chimneys.

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.

#### **Trendy heating design**

As individually designed heating furniture, the multi-faceted design radiators from **VOGEL&NOOT** add points of interest to modern living areas with their unique surface concept.

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

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

**heatingthroughinnovation.**



### The symbol for optimum energy efficiency

The ECO seal of approval for **VOGEL&NOOT** panel radiators indicates their compatibility with all (renewable) energy sources and is therefore proof of their economically and ecologically efficient heat emission.

#### Compatibility & energy efficiency

Professor Michael Graf, from Pinkafeld University of Applied Sciences, explains: "It has been proven that with **VOGEL&NOOT** panel radiators, one can achieve a wide range of temperatures from 35°C to 90°C without a problem. These radiators can also operate at very low flow temperatures and fulfil heating load and comfort criteria."



#### Reduction in energy costs

Test results from the renowned Pinkafeld University of Applied Sciences show that, by replacing outdated sectional radiators with new **VOGEL&NOOT** panel radiators, an average potential saving of 15%\* can be attained!

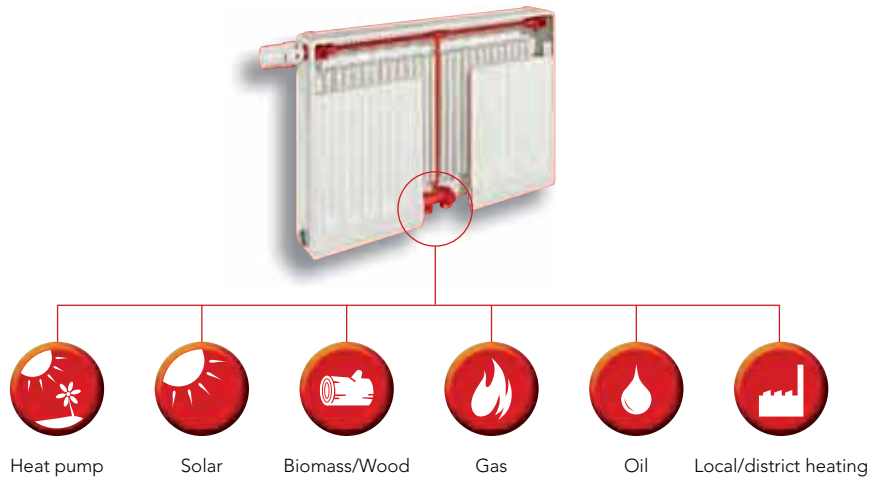


#### CO<sub>2</sub> reduction

Due to the broad compatibility with energy sources and the reduced energy consumption, **VOGEL&NOOT** panel radiators make a positive contribution to climate protection.

\* On average, in comparison with old sectional radiators, test results from Pinkafeld University of Applied Sciences

RESPONSIBILITY  
FOR THE FUTURE.



### The perfect partner for modernisation

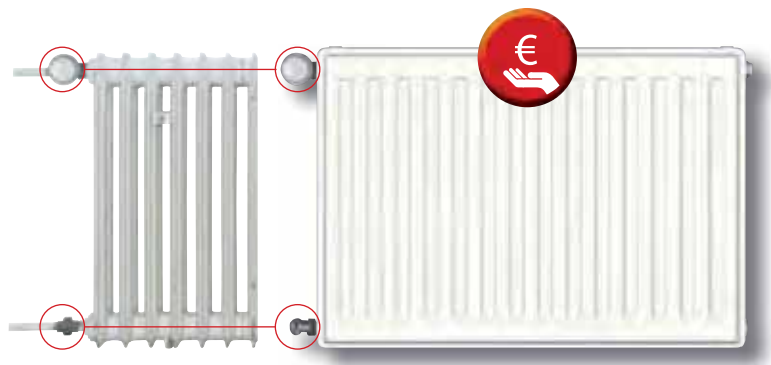
#### A clear trend:

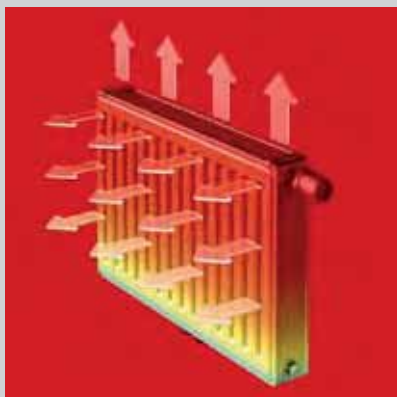
#### moving away from new construction towards modernisation

Many millions of outdated sectional radiators give rise to high heating costs and a huge CO<sub>2</sub> output. Replacement radiators from **VOGEL&NOOT** provide the simple solution: rapid, clean replacement for immediate energy savings!

#### Global climate responsibility

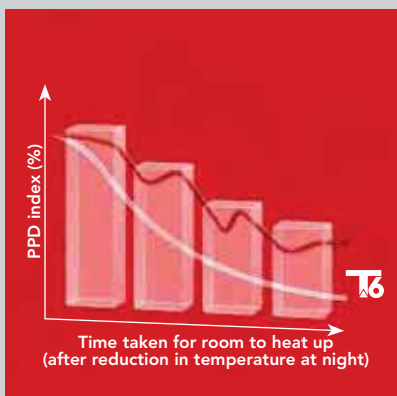
The properties of the energy-efficient panel and replacement radiators from **VOGEL&NOOT** bring users' thermal requirements into harmony with environmental and climate protection – this reduces our carbon footprint!





**High performance, rapid heating of rooms and even distribution of heat**

Outstanding heating performance for the highest energy efficiency and fastest emission of heat



**Optimum values for comfort**

Beautifully warm rooms for comfort and a high quality of life (in accordance with test results from Pinkafeld University of Applied Sciences, 2007)



**Flexible positioning**

Thanks to the patented pipe guide, the thermostat head can be positioned in a number of ways, offering flexibility



T6-  
TECHNOLOGY.

**The T6: the revolution in radiators**

Thanks to innovative centre-connection technology and optimum energy efficiency, the T6 sets new standards for room heating, comfort and ease of use - advantages that will win over any customer!



**High performance**

Professor Michael Graf: "We have created various replacement scenarios in which a radiator replacement is carried out. With **VOGEL&NOOT** panel radiators, an average saving of approximately 15% was recorded."

**Rapid room heating**

Thanks to innovative technology, the T6 achieves strong heating performance and therefore numbers among the leading models of panel radiator. The special convector plate design of the T6 supplies rooms with evenly distributed warmth rapidly and reliably and ensures the highest level of thermal comfort.

**Optimum values for comfort**

In an independent series of studies carried out by Pinkafeld University of Applied Sciences, the comparative tests showed that the T6 stood out from a range of other European radiator models, offering optimum comfort even at low system temperatures – the low PPD index\*\* is the proof!

**Flexible positioning**

The T6 centre-connection radiator enables great flexibility – and not only thanks to the ease of installation. A patented pipe guide allows users to choose where to position the thermostat head.

**Pre-set valve cores**

Installation is simplified and speeded up by the fact that the valves have been precisely adjusted to the heating power in the factory. This results in less work for the fitter, increased quality of regulation and a more energy-efficient emission of heat.

**It pays off!**



**Huge reductions in heating costs**

By installing **VOGEL&NOOT** T6 centre-connection radiators or replacement radiators in place of outdated sectional radiators, you can save a great deal of money and also reduce CO<sub>2</sub> emissions. The average potential saving is approximately 15%!

See the example below:

	Prior to radiator replacement	After to radiator replacement
Type of radiator	Sectional radiators	T6
Standard building heating load	39,6 kW	39,6 kW
Specific heating load	180 W/m <sup>2</sup>	180 W/m <sup>2</sup>
Annual heating requirement	80.366 kWh/a	80.366 kWh/a
Energy necessary to cover heating requirement	185.872 kWh/a	157.488 kWh/a
Annual oil requirement	18.587 litres	15.748 litres
Annual costs***	11.524 €	9.764 €
<b>Possible annual cost saving with the T6</b>		<b>1.760 €</b>
<b>Saving after 10 years</b>		<b>17.600 €</b>
<b>Saving after 20 years</b>		<b>35.200 €</b>

The comparison was made on the basis of an old building with an area of 190 m<sup>2</sup> to be heated (19 rooms, 26 radiators).

\* On average, in comparison with old sectional radiators, test results from Pinkafeld University of Applied Sciences  
 \*\* Percentage of those unsatisfied  
 \*\*\*In line with the 2009 Oil Price Index



## T6 CENTRE-CONNECTION RADIATORS.



Marc Gerritsen/arcaid

- Unique T6 centre-connection technology
- Optimum flexibility during planning and installation
- Energy-efficient emission of heat for low heating costs
- Integrated valve technology with pre-setting



**The benefit to you:**  
The revolutionary T6 centre-connection technology sets new standards.





**T6 centre-connection radiators** are perfectly symmetrical. They are the ideal combination of design and unique technology. Thanks to the patented technology and the special geometry of the convector plates, the T6 provides extremely high heating power. Consequently, it is able to heat up rooms particularly rapidly and guarantees the optimum level of thermal comfort.



The T6 technology is based on the radiator's axis of symmetry, thereby creating limitless flexibility.

	11 VM					21 VM-S					22 VM					33 VM				
Type	1-layer with 1 convector plate					2-layer with 1 convector plate					2-layer with 2 convector plates					3-layer with 3 convector plates				
	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900
	up to 2400		up to 2600		up to 2000	up to 2400		up to 3000		up to 2000	up to 3000		up to 2000		up to 3000	up to 2200		up to 1800		
Gradation	All construction lengths from 400 mm upwards, in 200 mm gradations; also 520, 720, 920, 1120 and 1320 mm																			



**Compact radiators** unite elegant aesthetics and optimal functionality. They combine a clear, simple soft line design and the latest heating technology. Individual touches can be incorporated at any time using colourful decorative clips – and the radiators are also extremely easy to clean.

COMPACT RADIATORS.



**The benefit to you:**  
The classic among the panel radiators represents decades of experience.



Marc Gerritsen/arcaid

- High specific heating performance
- Can be combined with low temperature systems
- Effective reduction of heating costs



Using the swappable decorative clips, individual touches can also be added at a later date.

	10					11 K					21 K-S					22 K					33 K									
Type	1-layer					1-layer with 1 convector plate					2-layer with 1 convector plate					2-layer with 2 convector plates					3-layer with 3 convector plates									
	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900
	up to 1200	up to 2400	up to 2600	up to 1400		up to 2400	up to 2600	up to 2000			up to 2400	up to 3000	up to 2000			up to 3000	up to 2000	up to 3000			up to 2200	up to 2000	up to 3000			up to 2200	up to 2000			
Gradiation	All construction lengths from 400 mm upwards, in 200 mm gradations; also 520, 720, 920, 1120 and 1320 mm																													

Information in mm.

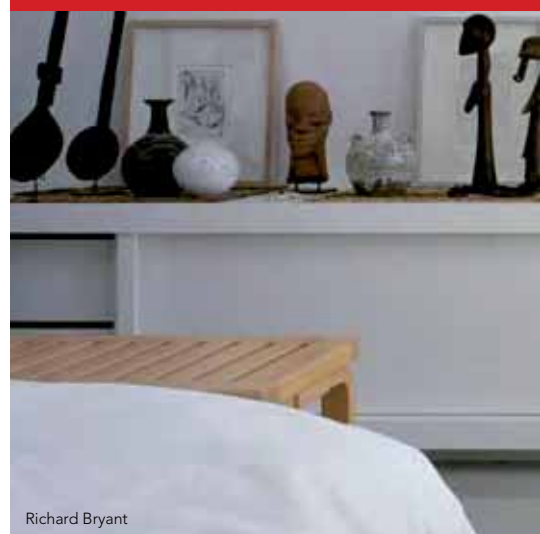
Due to their impressive power, **multifunctional valve radiators** guarantee optimum heating of the room and thereby the greatest possible flexibility in terms of control. In an international comparison, they demonstrated the best values for comfort of all the models tested, alongside economical and environmentally-friendly operation.



**The benefit to you:**  
Short response times when heating load changes are required ensure that a comfortable level of warmth is attained rapidly.



## MULTI-FUNCTIONAL VALVE RADIATORS.



Richard Bryant



- High power and enormous flexibility regarding control
- Fastest room heating with best comfort
- Optimal product for low-temperature systems
- Integrated valve technology with presetting



	10 V					11 KV					21 KV-S					22 KV					33 KV									
Tip	1-layer					1-layer with 1 convector plate					2-layer with 1 convector plate					2-layer with 2 convector plates					3-layer with 3 convector plates									
↑↓	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900
↔	up to 1200	up to 2400	up to 2600	up to 1400		up to 2400	up to 2600	up to 2000			up to 2400	up to 3000	up to 2000			up to 3000	up to 2000	up to 3000			up to 2200	up to 2000	up to 3000			up to 2200	up to 2000			
Gradiation	All construction lengths from 400 mm upwards, in 200 mm gradations; also 520, 720, 920, 1120 and 1320 mm																													

As compact radiators turned through 90 degrees, **vertical radiators** offer all the benefits of compact radiators, including shapely design, high heating power and a wide range of colour options. In addition, vertical radiators are the optimal solution when space is limited, as they utilise the height of the room and save lateral space.



**The benefit for you:**  
The perfect solutions for high-ceilinged rooms or areas where space is at a premium.

## VERTICAL RADIATORS.



- The streamlined solution for room heating
- Excellent price/performance ratio
- Large range of colour options – see colour palette



<b>Type</b>	<b>10</b>					<b>20 K</b>				
	1-layer					2-layer				
↑ ↓	1800	2000	2200	2400	2600	1800	2000	2200	2400	2600
← →	500 and 600					500 and 600				
<b>Gradiation</b>	All construction heights from 1800 mm, in gradations of 200 mm									

Information in mm.

**Hygiene radiators** constitute a dust-free way to achieve a comfortable level of warmth, as they do not require cover panels or convector plates. Consequently, the range is particularly suited for use in hospitals and all rooms where particularly stringent hygiene requirements are in force.



**The benefit for you:**  
Ideal for use in areas with stringent hygiene requirements.



Marc Gerritsen/arcaid

HYGIENE RADIATORS.





- Complies with hygiene requirements
- Easy to clean
- High proportion of radiated heat
- Integrated valve technology with presetting

Type	10		10 VM			20		20 VM			30		30 VM		
	1-layer					2-layer					3-layer				
	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900
	up to 1200		up to 2400		up to 1400	up to 2400		up to 3000		up to 2000	up to 3000		up to 2200		up to 2000
Gradiation	All construction lengths from 400 mm upwards, in 200 mm gradations; also 520, 720, 920, 1120 and 1320 mm														

Information in mm.

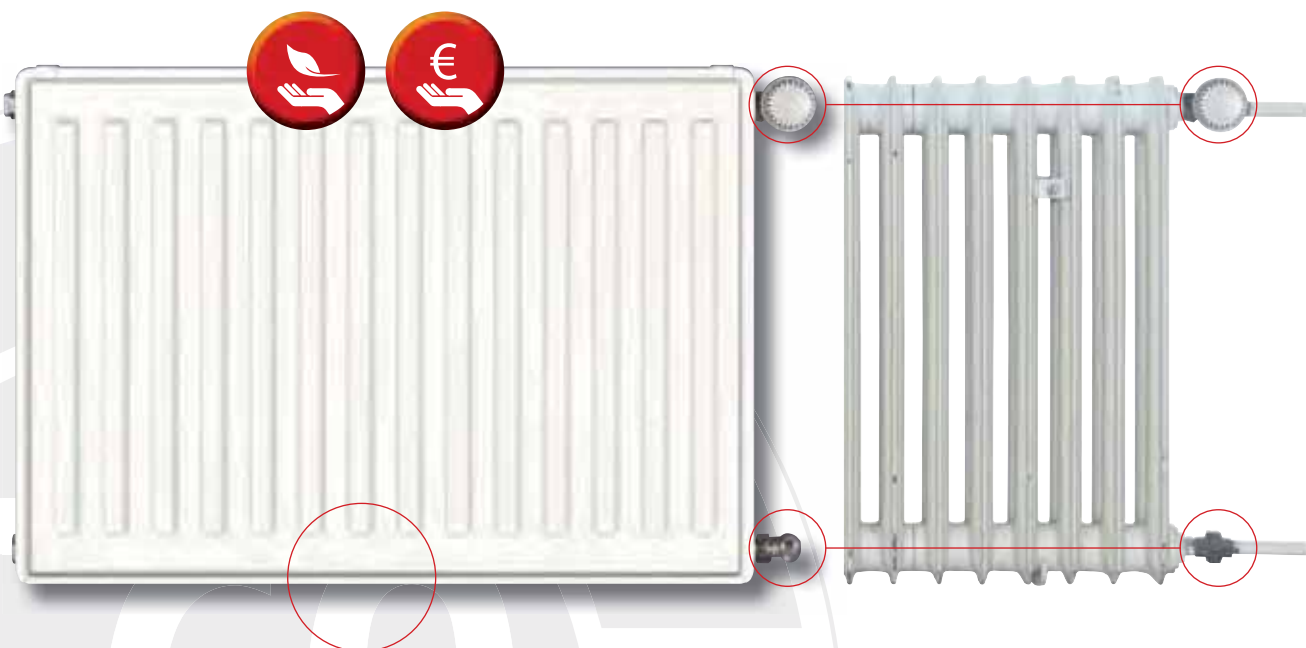
REPLACEMENT  
RADIATORS.



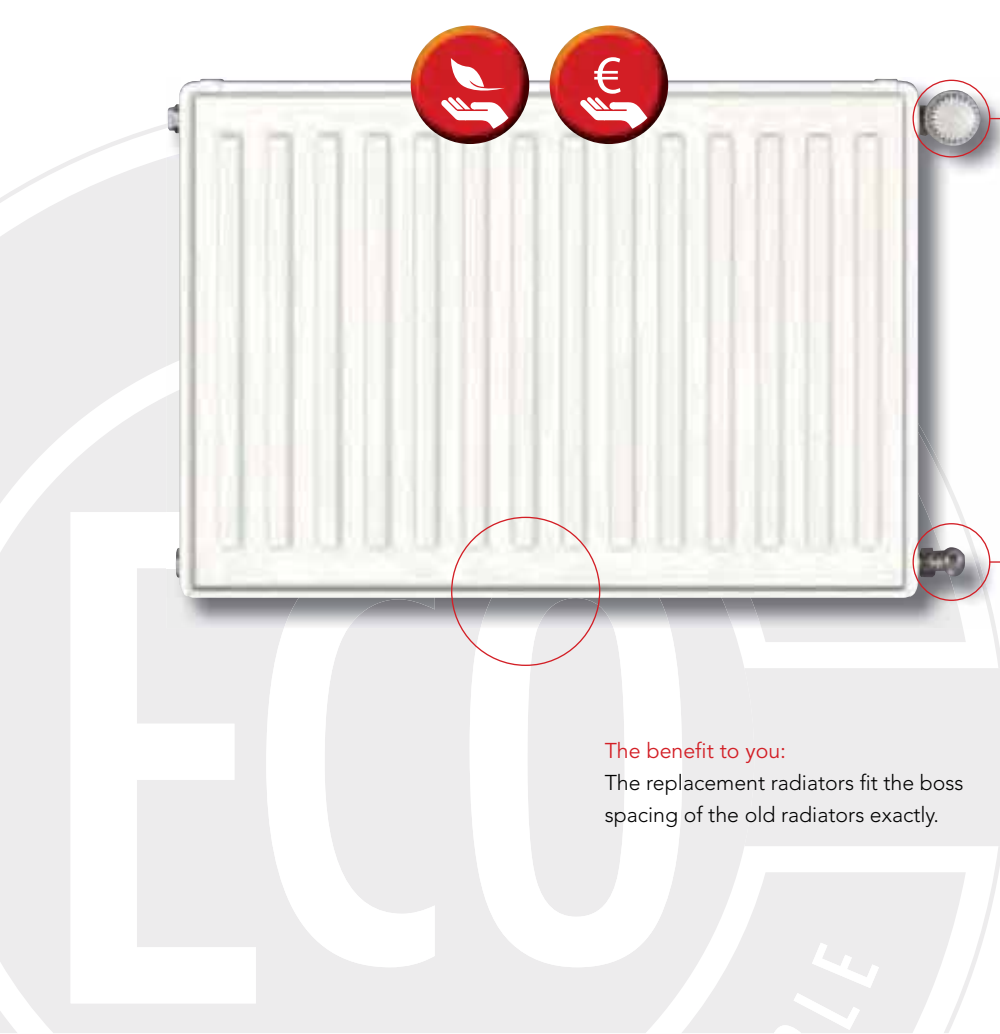
Marc Gerritsen/arcaid



**Replacement radiators** offer the right solutions when it comes to replacing outdated sectional radiators easily, in the shortest possible time and with minimum mess. The boss spacing is compatible with that of the sectional radiators used previously.

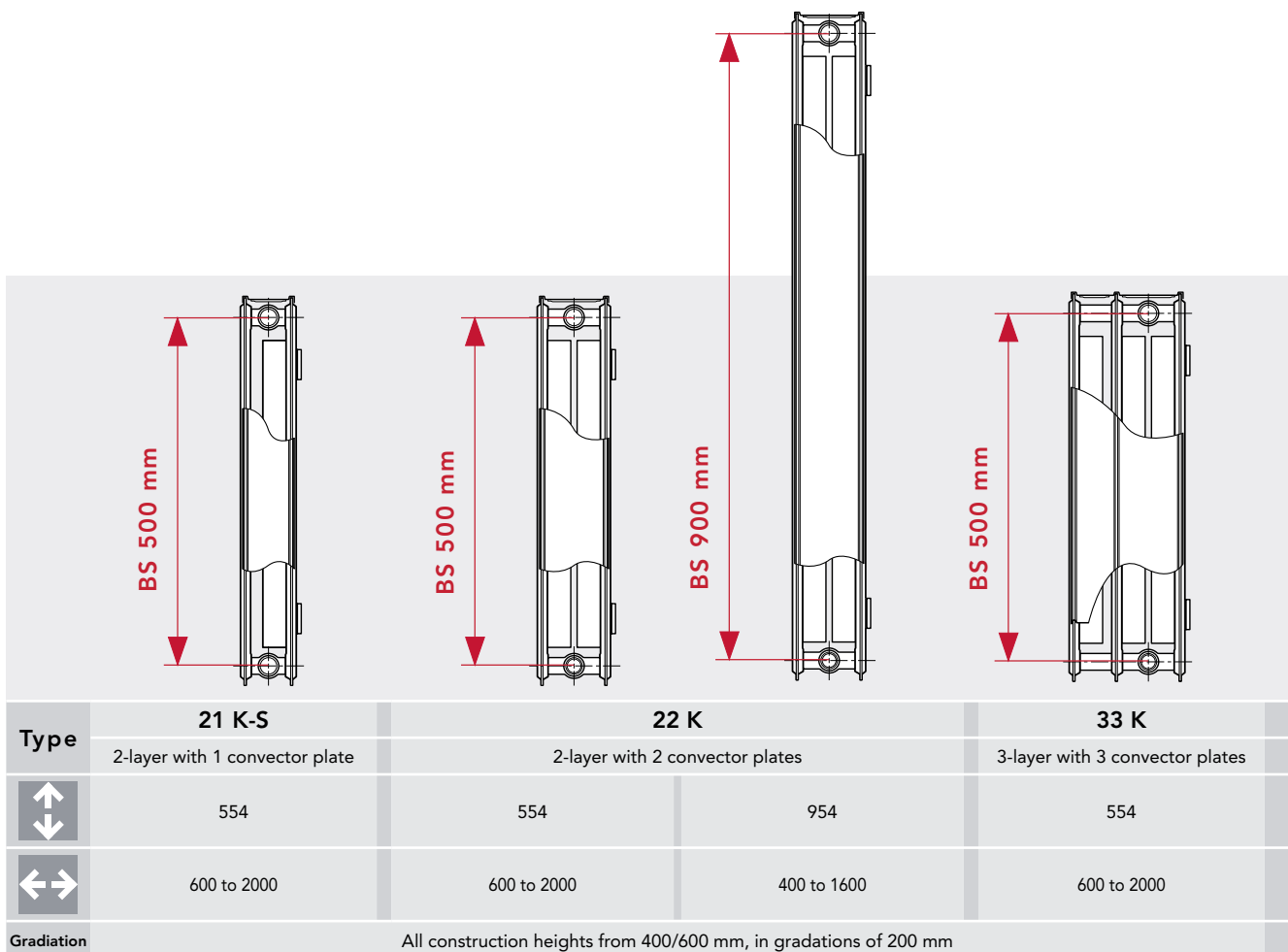


**The benefit to you:**  
The replacement radiators fit the boss spacing of the old radiators exactly.





- Average energy saving of 15%\*
- The most important renovation measure besides replacing the boiler
- Immediate increase in living quality and quality of life



BS = boss spacing

Information in mm.

\* On average, in comparison with old sectional radiators, test results according to Pinkafeld University of Applied Sciences



## T6 PLAN CENTRE-CONNECTION RADIATORS.

**T6 Plan** revolutionary centre-connection technology completely redefines the planning, installation and use of heating systems: it can be used on either side, with different fittings, in different sizes, with different connections, in different types or perfectly pre-assembled – providing even heat distribution with optimum flexibility.



**The benefit to you:**

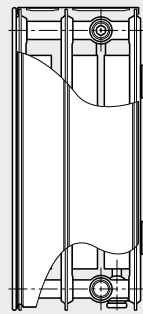
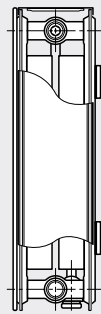
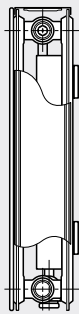
Due to its smooth front face, the plan radiator can be integrated seamlessly into an elegant atmosphere.



Marc Gerritsen/arcaid



- All the benefits of the leading T6 technology
- Easy-to-clean, smooth front surface
- Optimum thermal comfort
- Optimum thermal comfort



Type	11 PM					21 PM-S					22 PM					33 PM				
	1-layer with 1 convector plate					2-layer with 1 convector plate					2-layer with 2 convector plates					3-layer with 3 convector plates				
↕	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900	300	400	500	600	900
↔	up to 2400		up to 2600		up to 2000	up to 2400		up to 3000		up to 2000	up to 3000		up to 2000		up to 3000	up to 2200		up to 1800		
Gradiation	All construction lengths from 400 mm upwards, in 200 mm gradations; also 520, 720, 920, 1120 and 1320 mm																			

Information in mm.

## SANITARY COLOURS.

<p> Aegean VNF 6901</p>	<p> Capri VNF 5901</p>	<p> Greenwich VNF 6904</p>	<p> Calypso VNF 6902</p>	<p> Edelweiss VNF 9901</p>	<p> Alba VNF 9902</p>	<p> Pergamon VNF 1904</p>	<p> Jasmine VNF 1903</p>	<p> Natura VNF 1905</p>
<p> Anemone VNF 1901</p>	<p> Bahama beige VNF 1902</p>	<p> Banana VNF 1907</p>	<p> Flannel VNF 7905</p>	<p> Manhattan VNF 7902</p>	<p> Chincilla VNF 7901</p>	<p> Magnolia VNF 3901</p>	<p> Stella VNF 7903</p>	<p> Sunset VNF 3902</p>
<p> Crocus VNF 6903</p>	<p> Key West VNF 5902</p>	<p> Aloa VNF 5903</p>						

## RAL COLOURS.

<p> Beige RAL 1001</p>	<p> Golden yellow RAL 1004</p>	<p> Oyster white RAL 1013</p>	<p> Light ivory RAL 1015</p>	<p> Traffic yellow RAL 1023</p>	<p> Pastel yellow RAL 1034</p>	<p> Flame red RAL 3000</p>	<p> Ruby red RAL 3003</p>	<p> Wine red RAL 3005</p>
<p> Black red RAL 3007</p>	<p> Beige red RAL 3012</p>	<p> Raspberry red RAL 3027</p>	<p> Purple violet RAL 4007</p>	<p> Ultramarine blue RAL 5002</p>	<p> Sapphire blue RAL 5003</p>	<p> Signal blue RAL 5005</p>	<p> Steel blue RAL 5011</p>	<p> Pigeon blue RAL 5014</p>
<p> Distant blue RAL 5023</p>	<p> Pastel blue RAL 5024</p>	<p> Moss green RAL 6005</p>	<p> Pastel green RAL 6019</p>	<p> Mint green RAL 6029</p>	<p> Silver grey RAL 7001</p>	<p> Slate grey RAL 7015</p>	<p> Anthracite grey RAL 7016</p>	<p> Graphite grey RAL 7024</p>
<p> Stone grey RAL 7030</p>	<p> Light grey RAL 7035</p>	<p> Dusty grey RAL 7037</p>	<p> Window grey RAL 7040</p>	<p> Telegrey RAL 7047</p>	<p> Chocolate brown RAL 8017</p>	<p> Cream RAL 9001</p>	<p> Grey white RAL 9002</p>	<p> Pure white RAL 9010</p>
<p> Traffic white RAL 9016</p>	<p> Jet black RAL 9005</p>	<p> Traffic black RAL 9017</p>	<p> Cocoa RAL 050 40 20</p>	<p> Terracotta RAL 050 60 30</p>	<p> Cappuccino RAL 060 60 20</p>			

## METALLIC COLOURS.

<p> Pearl night blue RAL 5026</p>	<p> Pearl opal green RAL 6036</p>	<p> Pearl beige RAL 1035</p>	<p> Pearl gold RAL 1036</p>	<p> Pearl orange RAL 2013</p>	<p> Grey aluminium RAL 9007</p>	<p> White aluminium RAL 9006</p>	<p> Stainless steel look VNF 7906</p>
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The colours shown here are not binding. Colours may differ due to printing technology.  
Further colours available on request!

## PRODUCT DESCRIPTION & SCOPE OF DELIVERY.

**VOGEL&NOOT** panel radiators are high-quality brand products that excel in all areas due to their wide range of connection options. For your specific use, you can select from the following designs, which are all supplied in protective packaging ready for assembly.

### T6 centre-connection radiators

Ready-to-connect, with high-quality centre-connection technology. Can be used for single and twin-pipe systems and are universally compatible as valve centre-connection and compact radiators. Supplied with upper cover, closed sides and special venting plugs.\*

### Compact radiators

Simplicity impresses: easy connection with 4 x 1/2" IG, with variable options for single and twin-pipe systems. Supplied with upper cover and closed sides.

### Multi-functional valve radiators

Profiled panel radiators with simple connection using 4 x 1/2" IG and 2 x 3/4". Supplied with upper cover and closed sides.

### Vertical radiators

These radiators take up very little space and are easy to clean: they can also be used as compact radiators. The Type 20 radiator is supplied with side casings.

### Hygiene radiators

Simple function: easy to clean without convection plates

and covers. Available as compact radiators and also in a valve centre-connection radiator version with valve cores.

### T6-Plan centre-connection radiators

Elegant design and a range of connection options – universal connection options are available for single and twin-pipe systems. Supplied as centre-connection radiators with upper cover, closed sides and special venting plugs.\*

### Replacement radiators

Out with the old and in with the new: position the new radiator directly onto the old connections. This keeps the work required to a minimum and means there is hardly any dirt. Great energy savings. Also available in a compact design. Supplied with upper cover and closed sides.

### Operating conditions

A maximum operating temperature of 110°C has been determined for all models of panel radiator.

### Surface treatment

High-quality, environmentally friendly double-layer paint in accordance with DIN 55900, completely painted and branded with an electrostatic powder coating.



### 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.



More information is available at [www.vogelundnoot.com](http://www.vogelundnoot.com)

\* Supplied with thermostat valves sealed in the factory, with pre-set kv.



**VOGEL&NOOT**

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**heating**through**innovation.**